

## SECTION I

### PUBLISHED INTERNATIONAL APPLICATIONS

### DEMANDES INTERNATIONALES PUBLIÉES

- (51)<sup>7</sup> **A01B 49/06, 7/00, 15/16, 15/18, 35/28, A01C 5/06, 5/08, 7/06**
- (11) **WO 2005/027615** (13) A1
- (21) PCT/AU2004/001276
- (22) **20 Sep/sep 2004 (20.09.2004)**
- (25) en (26) en
- (30) 2003905117 **19 Sep/sep 2003 AU (19.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • AN APPARATUS AND METHOD FOR FURROW OPENING USING A DISC
- APPAREIL ET PROCEDE D'OUVERTURE DE SILLON AU MOYEN D'UN DISQUE
- (71, 72) **GREGOR, David** [AU/AU]; 67 Stinson St, Coolamon, New South Wales 2701 (AU).
- (74) **LESICAR PERRIN**; 49 Wright Street, Adelaide, SA 5000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A01C**
- (11) **WO 2005/027617** (13) A2
- (21) PCT/US2004/030507
- (22) **16 Sep/sep 2004 (16.09.2004)**
- (25) en (26) en
- (30) 60/503,255 **16 Sep/sep 2003 US (16.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • FERTILIZER COMPOSITIONS FOR PLANTS CONTAINING PHOSPHATE AND PHOSPHONATE SALTS, METAL CHELATES, AND DERIVATIVES THEREOF
- COMPOSITIONS D'ENGRAIS POUR PLANTES CONTENANT DES SELS DE PHOSPHATE ET DE PHOSPHONATE, DES CHELATES DE METAL, ET DES DERIVES CORRESPONDANTS
- (63) US 10/017,687 (CON)  
30 Oct/oct 2001 (30.10.2001)
- (71) **FOLIAR NUTRIENTS, INC.** [US/US]; 320 First Avenue, N.E., Cairo, GA 31728 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TAYLOR, John, B.** [US/US]; 1420 Lemon Street, DeLand, FL 31720 (US).
- (74) **LEE, David, James; Lathrop & Gage LC**, 2345 Grand Boulevard, Suite 2400, Kansas City, MO 64108 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A01B 49/06, 7/00, 15/16, 15/18, 35/28, A01C 5/06, 5/08, 7/06**
- (11) **WO 2005/027616** (13) A1
- (21) PCT/AU2004/001277
- (22) **20 Sep/sep 2004 (20.09.2004)**
- (25) en (26) en
- (30) 2003905117 **19 Sep/sep 2003 AU (19.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • AN APPARATUS AND METHOD FOR CONSECUTIVELY FERTILISING AND SOWING
- APPAREIL ET PROCEDE DE FERTILISATION ET D'ENSEMENCEMENT CONSECUTIFS
- (71, 72) **GREGOR, David** [AU/AU]; 67 Stinson St, Coolamon, New South Wales 2701 (AU).
- (74) **LESICAR PERRIN**; 49 Wright Street, Adelaide, SA 5000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
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- (51)<sup>7</sup> **A01F 12/24**
- (11) **WO 2005/027618** (13) A1
- (21) PCT/JP2004/013374
- (22) **14 Sep/sep 2004 (14.09.2004)**
- (25) ja (26) ja
- (30) 2003-332490 **24 Sep/sep 2003 JP (24.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • THRESHING DEVICE AND RECEIVING NET OF THE DEVICE
- DISPOSITIF DE BATTAGE ET FILET DE RECEPTION DU DISPOSITIF
- (71) **YANMAR CO., LTD.** [JP/JP]; 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530-0013 (JP). **SEIREI INDUSTRY CO., LTD.** [JP/JP]; 428, Enami, Okayama-shi, Okayama 702-8515 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SAMURAKI, HitoshiMIYAMOTO, AkiraODA, Masaaki**
- (74) **YANO, Juichiro**; Yano International Patent Office, Twin 21 MID Tower 34th Floor, 1-61, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-6134 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A01G 1/00, A01F 25/00**
- (11) **WO 2005/027619** (13) A1
- (21) PCT/JP2003/011976
- (22) **19 Sep/sep 2003 (19.09.2003)**
- (25) ja (26) ja
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PUMPKIN CULTIVATION SYSTEM
- SYSTEME DE CULTURE DE POTIRONS
- (71) **ECO-LIFE CORPORATION CO., LTD.** [JP/JP]; 25-13, Hongo 3-chome, Bunkyo-ku, Tokyo 113-0033 (JP).

- (72) EDA, Katsuo; Eco Life Corporation Co., Ltd., 25-13, Hongo 3-chome, Bunkyo-ku, Tokyo 113-0033 (JP). YAMAGUCHI, Hiroomi; 91-281, Nakanumamachi, Higashi-ku, Sapporo-shi, Hokkaido 007-0890 (JP).
- (74) KUDO, Ichiro; Yurakucho Denki Bldg. South Tower, 7-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-0006 (JP).
- (81) JP RU.
- 
- (51)<sup>7</sup> A01G 9/24  
(11) WO 2005/027620 (13) A1  
(21) PCT/KR2003/002681  
(22) 8 Dec/déc 2003 (08.12.2003)  
(25) ko (26) en  
(30) 10-2003-0065884 23 Sep/sep 2003 KR (23.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • AUTOMATIC SOFT ROOF OPENING SYSTEM FOR MULTI-SPAN GREENHOUSES  
• SYSTEME D'OUVERTURE AUTOMATIQUE DE TOITURE SOUPLE A PLUSIEURS TRAVEES
- (71) REPUBLIC OF KOREA(MANAGEMENT: RURAL DEVELOPMENT ADMINISTRATION) [KR/KR]; 250, Seodun-dong, Gwonseon-gu, Suwon-si, Kyeonggi-do 441-707 (KR). GREEN HOUSING CO., LTD. [KR/KR]; 773, Changgok-ri, Paltan-myeon, Hwasong-gun, Kyeonggi-do 445-913 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KIM, Gyeong-Won [KR/KR]; 249, Seodun-dong, Gwonseon-gu, Suwon-si, Kyeonggi-do 441-100 (KR). YUN, Jin-Ha [KR/KR]; 249, Seodun-dong, Gwonseon-gu, Suwon-si, Kyeonggi-do 441-100 (KR). JEON, Jong-Keel [KR/KR]; 249, Seodun-dong, Gwonseon-gu, Suwon-si, Kyeonggi-do 441-100 (KR). LEE, In-Bok [KR/KR]; 249, Seodun-dong, Gwonseon-gu, Suwon-si, Kyeonggi-do 441-100 (KR). PARK, Young-Hwan [KR/KR]; 773, Changgok-ri, Paltan-myeon, Hwasong-gun, Kyeonggi-do 445-913 (KR).
- (74) YOUN, Kyu-Cheol; New-Tech International Patent & Law Office, 10th Floor, Teheran Building, 825-33, Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A01G 9/26, 7/04, F21V 21/34  
(11) WO 2005/027621 (13) A1  
(21) PCT/CA2003/001423
- (22) 19 Sep/sep 2003 (19.09.2003)  
(25) en (26) en  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • HEIGHT ADJUSTABLE MOBILE ILLUMINATION APPARATUS FOR A GREENHOUSE  
• DISPOSITIF D'ECLAIRAGE MOBILE REGLABLE EN HAUTEUR POUR UNE SERRE
- (71, 72) DYCK, David, Knelsen [CA/CA]; 1 Coronation Street, Apt. 304, Leamington, Ontario N8H 2K9 (CA).
- (74) KOENIG, Hans; Anissimoff & Associates, Richmond North Office Centre, 235 North Centre Road, Suite 201, London, Ontario N5X 4E7 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A01H 1/00, C07H 17/065, 1/08  
(11) WO 2005/027622 (13) A1  
(21) PCT/JP2004/011979  
(22) 20 Aug/août 2004 (20.08.2004)  
(25) ja (26) ja  
(30) 2003-322518 16 Sep/sep 2003 JP (16.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • DELPHINIUM FLOWER COLOR CROSSING METHOD  
• PROCEDE DE CROISEMENT DE COULEURS DE FLEUR DE DELPHINIUM
- (71, 72) HASHIMOTO, Fumio [JP/JP]; 31-1-2-6, Toso 3-chome, Kagoshima-shi, Kagoshima 890-0081 (JP). SAKATA, Yusuke [JP/JP]; 5-12-902, Chuou-cho, Kagoshima-shi, Kagoshima 890-0053 (JP).
- (74) ISONO, Michizo; c/o Isono International Patent Office, Sabo Kaikan Annex, 7-4, Hirakawa-cho 2-chome, Chiyoda-ku, Tokyo 102-0093 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A01J 7/02, G01N 33/18, B08B 9/02  
(11) WO 2005/027624 (13) A1  
(21) PCT/SE2004/001332  
(22) 15 Sep/sep 2004 (15.09.2004)  
(25) en (26) en  
(30) 0302342-1 19 Sep/sep 2003 SE (19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • TEST ON CLEANING RESULT  
• TEST DE RESULTAT DE NETTOYAGE
- (71) DELAVAL HOLDING AB [SE/SE]; Box 39, S-147 21 TUMBA (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) JAKOBSSON, Johan [SE/SE]; Robert Anbergs väg 27, S-SE-151 53 SÖDERTÄLJE (SE). BOSMA, Epke [SE/SE]; Hökvägen 52, S-SE-147 34 TUMBA (SE).
- (74) HASSELGREN, Joakim et al. / etc.; Kransell & Wennborg AB, Box 27834, S-115 93 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

- MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> A01K  
(11) WO 2005/027625 (13) A2  
(21) PCT/US2004/030728  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) en (26) en  
(30) 60/503,996 18 Sep/sep 2003 US  
(18.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • TRANSGENIC TIEG NON-HUMAN  
ANIMALS  
• ANIMAUX NON HUMAINS TIEG  
TRANSGENIQUES  
(71) MAYO FOUNDATION FOR MEDICAL  
EDUCATION AND RESEARCH [US/US];  
200 First Street S.W., Rochester, MN 55905  
(US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (71, 72) OURSLER, Merry, Jo [US/US]; 29687  
82nd Avenue Way, Cannon Falls, MN  
55009 (US). RAJAMANNAN, Nalini, M.  
[US/US]; 401 East Ontario, Apt. 4, Chicago,  
IL 60611 (US).
- (72, 75) SPELSBERG, Thomas, C. [US/US];  
1828 Walden Lane S.W., Rochester, MN  
55902 (US). SUBRAMANIAM, Malayan-  
nan [US/US]; 17237 Sugarloaf Parkway,  
Zumbrota, MN 55992 (US).
- (74) ELLINGER, Mark, S.; Fish & Richardson  
P.C., P.A., Suite 3300, 60 South Sixth Street,  
Minneapolis, MN 55402-1104 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> A01K 15/00  
(11) WO 2005/027626 (13) A1  
(21) PCT/GB2004/003970  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) en (26) en  
(30) 0322093.6 20 Sep/sep 2003 GB  
(20.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ANIMAL HANDLING APPARATUS  
• APPAREIL POUR MAITRISER UN ANI-  
MAL  
(71) M.D.C. EXPORTS LIMITED [GB/GB];  
Unit 11, Titan Court, Laporte Way, Luton,  
Bedfordshire LU4 8EF (GB).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) DRIVER, Melvin, Brian [GB/GB]; 36  
Hawthorn Crescent, Caddington, Luton, Bed-  
fordshire LU1 4EQ (GB).
- (74) RUSSELL-RAYNER, Albert, Patrick;  
Business Centre West, Avenue One, Business  
Park, Letchworth Garden City, Hertfordshire  
SG6 2HB (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> A01K 65/00  
(11) WO 2005/027627 (13) A1  
(21) PCT/IB2003/004932  
(22) 23 Sep/sep 2003 (23.09.2003)  
(25) en (26) en  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • STRINGER USABLE FOR SMALL,  
MEDIUM AND LARGE FISH  
• ENFILOIR POUR POISSONS DE PE-  
TITE, MOYENNE ET GRANDE TAILLE  
(71, 72) BENNETT, Colin, W. [CA/CA]; 524 6th  
Concession W, Flamborough, Ontario (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).
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- (51)<sup>7</sup> A01K 67/027, C07K 14/705, A61K 38/17,  
48/00, G01N 33/50  
(11) WO 2005/027628 (13) A1  
(21) PCT/GB2004/003845  
(22) 8 Sep/sep 2004 (08.09.2004)  
(25) en (26) en  
(30) 0321998.7 19 Sep/sep 2003 GB  
(19.09.2003)
- (30) 60/509,471 8 Oct/oct 2003 US  
(08.10.2003)  
(30) 0404309.7 26 Feb/fév 2004 GB  
(26.02.2004)  
(30) 60/548,653 27 Feb/fév 2004 US  
(27.02.2004)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • RECEPTOR  
• RECEPTEUR  
(71) PARADIGM THERAPEUTICS LIM-  
ITED [GB/GB]; 214 Cambridge Science  
Park, Milton Road, Cambridge CB4 0WA  
(GB).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) CARLTON, Mark [GB/GB]; Para-  
digm Therapeutics Limited, 214 Cambridge  
Science Park, Milton Road, Cambridge  
CB4 0WA (GB). DIXON, John [GB/GB];  
Paradigm Therapeutics Limited, 214 Cam-  
bridge Science Park, Milton Road, Cam-  
bridge CB4 0WA (GB). HENDRICK, Alan  
[IE/GB]; Paradigm Therapeutics Limited,  
214 Cambridge Science Park, Milton Road,  
Cambridge CB4 0WA (GB). MESSAGER,  
Sophie [FR/GB]; Paradigm Therapeutics  
Limited, 214 Cambridge Science Park,  
Milton Road, Cambridge CB4 0WA (GB).  
ZHAN, Dirk [DE/GB]; Paradigm Therapeu-  
tics Limited, 214 Cambridge Science Park,  
Milton Road, Cambridge CB4 0WA (GB).
- (74) KHOO, Chong-Yee et al. / etc.; D Young &  
Co, 21 New Fetter Lane, London EC4A 1DA  
(GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- Declaration / Déclaration :  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> A01K 67/027  
(11) WO 2005/027629 (13) A2  
(21) PCT/US2004/030581  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) en (26) en  
(30) 60/503,853 19 Sep/sep 2003 US  
(19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • REGULATION OF CARDIAC CON-  
TRACTILITY AND HEART FAILURE  
PROPENSITY  
• REGULATION DE LA CONTRACTI-  
LITE CARDIAQUE ET DE LA PRO-  
PENSION A L'INSUFFISANCE CAR-  
DIAQUE  
(71) CHILDREN'S HOSPITAL MEDICAL  
CENTER [US/US]; 3333 Burnet Avenue,

Cincinnati, Ohio 45229 (US). UNIVERSITY OF CINCINNATI [US/US]; 2624 Clifton Avenue, Cincinnati, Ohio 45221 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MOLKENTIN, Jeffery, Daniel [US/US]; 1037 Thunderbird Drive, Cincinnati, Ohio 45231 (US). KRANIAS, Evangelia, Galani [US/US]; 5890 Park Road, Cincinnati, Ohio 45243 (US).

(74) REED, T. David; 6110 Center Hill Road, Cincinnati, Ohio 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A01M 1/20, A61L 9/04, B65D 85/00

(11) WO 2005/027630 (13) A1

(21) PCT/GB2004/003974

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 0321938.3 19 Sep/sep 2003 GB (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE FOR DISPENSING VOLATILE COMPOUNDS IN A GEL TO THE AMBIENT AIR  
• DISPOSITIF SERVANT A DISTRIBUER A L'AIR AMBIANT DES COMPOSES VOLATILS DANS UN GEL

(71) RECKITT BENCKISER (UK) LIMITED [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) LOCKWOOD, Derek, Alan [NZ/NZ]; 2 Wolsley Avenue, Herne Bay, Auckland (NZ). MUIR, Neil, Campbell [GB/GB]; Reckitt Benckiser Corporate Services Limited, Dansom Lane, Hull HU8 7DS (GB).

(74) BOWERS, Craig, M. et al. / etc.; Intellectual Property Department - Patents Group, Reckitt Benckiser plc, Dansom Lane, Hull HU8 7DS (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A01N

(11) WO 2005/027631 (13) A2

(21) PCT/IB2004/003017

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 767/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 768/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 769/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 770/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 771/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 772/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 773/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 774/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 775/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 776/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 777/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 778/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 779/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 780/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 781/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 782/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROTEINS WHICH CONFER BIOTIC AND ABIOTIC STRESS RESISTANCE IN PLANTS  
• PROTEINES CONFERANT AUX PLANTES UNE RESISTANCE AU STRESS BIOTIQUE ET ABIOTIQUE

(71) AVESHTA GENGRAINE TECHNOLOGIES PVT. LTD [IN/IN]; "Discoverer" 9th Floor, Unit 3, International Tech Park, Whitefield Road, Bangalore 560 066 (IN).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) PATELL, Viloo, Morawala [IN/IN]; Avestha Gengraine Technologies Pvt Ltd, "Discoverer", 9th Floor, Unit 3, International Tech Park, Whitefield Road, Bangalore 560 066 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

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(51)<sup>7</sup> A01N

(11) WO 2005/027632 (13) A2

(21) PCT/IB2004/003021

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 767/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 768/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 769/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 770/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 771/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 772/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 773/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 774/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 775/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 776/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 777/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 778/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

(30) 779/CHE/2003 24 Sep/sep 2003 IN (24.09.2003)

- (30) 780/CHE/2003 **24 Sep/sep 2003** IN  
(24.09.2003)
- (30) 781/CHE/2003 **24 Sep/sep 2003** IN  
(24.09.2003)
- (30) 782/CHE/2003 **24 Sep/sep 2003** IN  
(24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROTEINS OF NUTRACEUTICAL AND BIOTHERAPEUTIC POTENTIAL  
• PROTEINES AYANT UN POTENTIEL NUTRACEUTIQUE ET BIOTHERAPEUTIQUE
- (71) AVESTHA GENGRAINE TECHNOLOGIES PVT. LTD [IN/IN]; "Discoverer" 9th Floor, Unit 3, International Tech Park, Whitefield Road, Bangalor 560 066 (IN).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PATELL, Villoo, Morawala [IN/IN]; Avestha Gengraine Technologies Pvt Ltd, "Discoverer", 9th Floor, Unit 3, International Tech Park, Whitefield Road, Bangalore 560 066 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :**  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(u) for / pour US only / seulement
- (51)<sup>7</sup> A01N
- (11) WO 2005/027633 (13) A2
- (21) PCT/US2004/030544
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 60/503,551 **16 Sep/sep 2003** US  
(16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHODS AND COMPOSITIONS FOR THE CRYOPRESERVATION OF ORGANS  
• PROCEDES ET COMPOSITIONS POUR LA CRYOPRESERVATION D'ORGANES
- (71) 21st CENTURY MEDICINE, INC. [US/US]; 10844 Edison Court, Rancho Cucamonga, CA 91730 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FAHY, Gregory, M. [US/US]; 880 Via Blairo, Corona, CA 92879 (US). WOWK, Brian [US/US]; 848 Montague Drive, Corona, CA 92879 (US).
- (74) REITER, Stephen, E. et al. / etc.; Foley & Lardner LLP, Customer Number: 30542 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A01N 1/00, C12M 1/34, C12Q 1/02
- (11) WO 2005/027634 (13) A1
- (21) PCT/IL2003/000768
- (22) 25 Sep/sep 2003 (25.09.2003)
- (25) en (26) en
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • APPARATUS AND METHODS FOR SELECTING CAPACITATED SPERMATOZOA AND USES THEREOF  
• APPAREIL ET PROCEDES DE SELECTION DE SPERMATOZOIDES CAPACITES ET LEURS UTILISATIONS
- (71) YEDA RESEARCH AND DEVELOPMENT CO. LTD. [IL/IL]; At the Weizmann Institute of Science, P.O. Box 95, Rehovot 76100 (IL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EISENBACH, Michael [IL/IL]; 5 Rupin Street, Rehovot 76345 (IL). BAHAT, Anat [IL/IL]; 3 Har Hotzofim Street, 76620 Rehovot (IL).
- (74) WEBB, Cynthia; Webb & Associates, P.O. Box 2189, Rehovot 76121 (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT
- RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A01N 25/02
- (11) WO 2005/027635 (13) A1
- (21) PCT/US2004/030647
- (22) 20 Sep/sep 2004 (20.09.2004)
- (25) en (26) en
- (30) 60/504,033 **19 Sep/sep 2003** US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • STABILIZED HALOPROPYNYL COMPOSITIONS AS PRESERVATIVES  
• COMPOSITIONS D'HALOPROPYNYLE STABILISEES EN TANT QU'AGENTS DE CONSERVATION
- (71) ARCH CHEMICALS, INC. [US/US]; 501 Merritt 7, P.O. Box 5204, Norwalk, CN 06856-5204 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WILLIAMS, Gareth, R. [GB/US]; 20 Burt Drive, Middlefield, CT 06455 (US). CRACIUN, Radu [RO/US]; 87 Majestic Ridge, Carmel, NY 10512 (US).
- (74) JOHNSTON, Madeleine, I; King & Spalding LLP, 191 Peachtree St., Atlanta, GA 30303-1763 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> A01N 37/12, 37/02, A61K 31/25, 31/08, 31/22
- (11) WO 2005/027636 (13) A2
- (21) PCT/GB2004/004037
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) en (26) en
- (30) 0322117.3 **22 Sep/sep 2003** GB  
(22.09.2003)
- (30) 0322118.1 **22 Sep/sep 2003** GB  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • IMPROVED TOPICAL TREATMENT FOR THE ERADICATION AND/OR CONTROL OF ECTOPARASITES

- TRAITEMENT TOPIQUE AMELIORE POUR L'ERADICATION ET/OU LA LUTTE CONTRE DES ECTOPARASITES
- (71) ENTOMOSRESEARCH LIMITED; Lake Building, 2nd Floor, PO Box 3152, Wickams Cay, Road Town, Tortola (VG).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WHELAN, Ian, Peter [GB/GB]; 15 Orchard Road, Comstall, Stockport SK6 5JS (GB).
- (74) SELBY-LOWNDES, Guy, Francis, Charles; Moonrakers, Durfold Wood, Plaistow, Billingshurst RH14 0PL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A01N 43/58, 43/60, A61K 31/495, 31/50, C07D 237/00, 239/00, 241/00
- (11) WO 2005/027637 (13) A1
- (21) PCT/US2004/030547
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 60/503,624 17 Sep/sep 2003 US (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COMPOUNDS USEFUL AS MOTILIN AGONISTS AND METHOD  
• COMPOSES UTILES EN TANT QU'AGONISTES DE LA MOTILINE ET PROCEDE
- (71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P.O. Box 4000, Route 206 and ProvinceLine Road, Princeton, NJ 08543-4000 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LI, James J. [US/US]; 76 Stanford Road East, Pennington, NJ 08534 (US). CHAO, Hanguang J. [US/US]; 21 Pine Knoll Drive, Lawrenceville, NJ 08648 (US). TINO, Joseph A. [US/US]; 11 Chopin Lane, Lawrenceville, NJ 08648 (US). EWING, William R. [US/US]; 1193 Waterwheel Drive, Yardley, PA 19067 (US).
- (74) RODNEY, Burton et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A01N 47/44
- (11) WO 2005/027639 (13) A1
- (21) PCT/US2004/018324
- (22) 9 Jun/juin 2004 (09.06.2004)
- (25) en (26) en
- (30) 10/461,114 13 Jun/juin 2003 US (13.06.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CONTROL OF PROTOZOA AND PROTOZOAN CYSTS THAT HARBOR LEGIONELLA  
• LUTTE CONTRE LES PROTOZOAIRES ET LES KYSTES PROTOZOAIRES ABRITANT LA LEGIONELLA
- (71) GENERAL ELECTRIC COMPANY [US/US]; (a New York Corporation), 1 River Road, Schenectady, NY 12345 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72) WHITEKETTLE, Wilson, K.; 2150 Cambridge Circle, Jamison, PA 18929 (US). TAFEL, Gloria, J.; 10 Washington Square, Doylestown, PA 18901 (US).
- (74) WINTER, Catherine, J. et al. / etc.; Patent Counsel, General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06828 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A01N 43/653 // (A01N 43/653, 43:653)
- (11) WO 2005/027638 (13) A1
- (21) PCT/EP2004/009672
- (22) 31 Aug/août 2004 (31.08.2004)
- (25) de (26) de
- (30) 10341945.4 11 Sep/sep 2003 DE (11.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • USE OF FUNGICIDES FOR DISINFECTING CEREAL SEED  
• UTILISATION DE FONGICIDES POUR LA DÉSINFECTION DE SEMENCES DE CÉRÉALES
- (71) BAYER CROPSCIENCE AKTIENGESELLSCHAFT [DE/DE]; Alfred-Nobel-Str. 50, 40789 Monheim (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUTY-HEINZE, Anne [FR/DE]; Schlieper Str. 29, 40764 Langenfeld (DE).
- (74) BAYER CROPSCIENCE AKTIENGESELLSCHAFT; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A01N 49/00, 25/18, 25/08, 35/02, 37/02
- (11) WO 2005/027640 (13) A1
- (21) PCT/JP2004/013364

(22) 14 Sep/sep 2004 (14.09.2004)

(25) ja (26) ja

(30) 2003-331082 24 Sep/sep 2003 JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SUSTAINED-RELEASE PHEROMONE  
PREPARATION• PREPARATION DE PHEROMONE A LI-  
BERATION PROLONGEE(71) SANKEI CHEMICAL CO., LTD  
[JP/JP]; 9, Nanei 2-chome, Kagoshima-shi,  
Kagoshima 891-0122 (JP).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) INO, Masaaki [JP/JP]; c/o Sankei  
Chemical Co., Ltd, 13-1, Hatara-cho  
1-chome, Fukaya-shi, Saitama 366-0032  
(JP). HONGO, Tomoaki [JP/JP]; c/o  
Sankei Chemical Co., Ltd, 13-1, Hatara-cho  
1-chome, Fukaya-shi, Saitama 366-0032  
(JP). TAKEMURA, Kaoru [JP/JP]; c/o  
Sankei Chemical Co., Ltd, 13-1, Hatara-cho  
1-chome, Fukaya-shi, Saitama 366-0032  
(JP). KAWABATA, Akihiro [JP/JP]; c/o  
Sankei Chemical Co., Ltd, 13-1, Hatara-cho  
1-chome, Fukaya-shi, Saitama 366-0032  
(JP). MATSUNAGA, Tadashi [JP/JP]; c/o  
Sankei Chemical Co., Ltd, 13-1, Hatara-cho  
1-chome, Fukaya-shi, Saitama 366-0032 (JP).(74) FUKUMURA, Naoki; 4th Floor, Yoyogi  
Palace, 21-10, Yoyogi 2-chome, Shibuya-ku,  
Tokyo 151-0053 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> A01N 59/00 // (A01N 59/00, 25:04)

(11) WO 2005/027641 (13) A1

(21) PCT/EP2004/010475

(22) 17 Sep/sep 2004 (17.09.2004)

(25) de (26) de

(30) 103 43 550.6 19 Sep/sep 2003 DE  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PARASITICIDAL AGENT

• ANTIPARASITAIRE

(71, 72) ZIRNBAUER, Rosmarie [DE/DE];  
Rosenau 1, 85465 Langenpreising  
(DE). KRÖBER, Charlotte [DE/DE];  
Robert-Koch-Strasse 6, 85435 Erding (DE).(74) WEHNERT, Werner et al. / etc.; Mozart-  
strasse 23, 80336 München (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MNMW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> A01N 65/00, 25/10, C09D 5/14, 5/16,  
B27K 3/36, 3/38

(11) WO 2005/027642 (13) A1

(21) PCT/AU2004/001306

(22) 27 Sep/sep 2004 (27.09.2004)

(25) en (26) en

(30) 2003905212 25 Sep/sep 2003 AU  
(25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • REPELLENT PREPARATIONS

• PREPARATIONS DE REPULSIFS

(71, 72) EADE, Darren Wayne [AU/AU]; 6  
Morea Court, Varsity Lakes, Gold Coast,  
Queensland 4226 (AU).(74) GARDNER, John R G; Suite 398, 15 Albert  
Avenue, Broadbeach, Gold Coast, Queens-  
land 4218 (AU).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> A01N 65/00, A61K 35/78

(11) WO 2005/027643 (13) A1

(21) PCT/US2004/030153

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/662,777 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BOTANICAL BRUG COMPOSITIONS  
FOR TREATMENTS OF LIVER AND  
IMMUNOLOGICAL DISORDERS• COMPOSITION MEDICAMENTEUSE  
A BASE DE PLANTES SERVANT A  
TRAITER LE FOIE ET DES MALA-  
DIES IMMUNOLOGIQUES(71) AMBOTAN PHARMA, LLC [US/US]; 470  
Chamberlain Avenue, Paterson, NJ 07522  
(US).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) AHMAD, Hassan [US/US]; 142  
Genesse Avenue, Paterson, NJ 07503 (US).ELCHAGEA, Ismail [US/US]; 75 St.  
Mary's Place, Nutley, NJ 07110 (US).(74) MALLON, Veronica; Klauber & Jackson,  
411 Hackensack Avenue, Hackensack, NJ  
07601 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> A21B

(11) WO 2005/027644 (13) A2

(21) PCT/US2004/030067

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/503,223 16 Sep/sep 2003 US  
(16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONVEYOR OVEN WITH IMPROVED  
AIR RETURN AND METHOD• FOUR A BANDE TRANSPORTEUSE  
DOTE D'UN RETOUR D'AIR ET PRO-  
CEDE(71) LINCOLN FOODSERVICE PROD-  
UCTS, INC. [US/US]; 1111 North Hadley  
Road, Fort Wayne, IN 46804 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) JONES, Douglas [US/US]; 8080  
Sycamore Drive, New Port Richey, FL  
34654 (US). NEVAREZ, Roberto [US/US];  
15915 Adobe Drive, Hudson, FL 34667 (US).  
DAY, William [US/US]; 1013 Haven Drive,  
New Port Richey, FL 34655 (US).(74) GREELEY, Paul, D.; Ohlandt, Greeley,  
Ruggiero & Perle, L.L.P., 10th Floor, One  
Landmark Square, Stamford, CT 06901-2682  
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> A21C 3/02

(11) WO 2005/027645 (13) A1

(21) PCT/GB2004/003964

(22) 17 Sep/sep 2004 (17.09.2004)

- (25) en (26) en
- (30) 0322201.5 **23 Sep/sep 2003** GB  
(23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DOUGH SHEETING APPARATUS  
• APPAREIL DE LAMINAGE
- (71) APV SYSTEMS LIMITED [GB/GB]; Manor Drive, Paston Parkway, Peterborough PE4 7AP (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HILES, David, Robert [GB/GB]; 5 Carisbrook Grove, Stamford, Lincolnshire PE9 2GF (GB). FRANCIS, Robert [GB/GB]; 130 Green End Road, Sawtry, Huntingdon, Cambridgeshire PE28 5XA (GB). ANDREWS, Graham, John [GB/GB]; 47 Werrington Park Avenue, Werrington, Peterborough PE4 6RG (GB).
- (74) BARKER BRETTELL; Medina Chambers, Town Quay, Southampton SO14 2AQ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- 
- (51)<sup>7</sup> A22C 11/12
- (11) WO 2005/027646 (13) A1
- (21) PCT/ES2003/000482
- (22) 24 Sep/sep 2003 (24.09.2003)
- (25) es (26) es
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MACHINE FOR TYING CHARCUTERIE PRODUCTS OR SAUSAGES WITH CONTINUOUS CORD OR YARN  
• MACHINE A FICELER POUR PRODUITS DE CHARCUTERIE OU CHARCUTERIE EN BOYAU UTILISANT UN FIL OU UNE FICELLE CONTINU
- (71) INDUSTRIAS GASER, SL [ES/ES]; Pol. Torre Mirona, Ctra. Bescanó 15, 17190 SALT(Girona) (ES).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GARGANTA RIUBRUGENT, Narcís [ES/ES]; Pol. Torre Mirona, Ctra. Bescanó 15, 17190 SALT(Girona) (ES).
- (74) MANRESA VAL, Manuel et al. / etc.; Rambla de Catalunya 32, 08007 BARCELONA (ES).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A23D 7/005, A23L 1/19, 1/035
- (11) WO 2005/027648 (13) A1
- (21) PCT/JP2004/013407
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) ja (26) ja
- (30) 2003-322727 16 Sep/sep 2003 JP  
(16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • OIL-IN-WATER EMULSIFIED COMPOSITION  
• COMPOSITION EMULSIFIÉE HUILE/EAU
- (71) FUJI OIL COMPANY, LIMITED [JP/JP]; 1-5, Nishishinsaibashi 2-chome, Chuo-ku, Osaka-shi Osaka, 5420086 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TAKAHASHI, Taro [JP/JP]; c/o Fuji Oil Company, Limited, Hannan Factory, 1, Sumiyoshi-cho, Izumisano-shi Osaka, 5988540 (JP). TOBE, Junko [JP/JP]; c/o Fuji Oil Company, Limited, Tsukuba R & D Center, 4-3, Kinunodai, Yawara-mura, Tsukuba-gun Ibarak, i 3002436 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A23B 7/055, F25D 11/00
- (11) WO 2005/027647 (13) A1
- (21) PCT/CN2004/000471
- (22) 12 May/mai 2004 (12.05.2004)
- (25) zh (26) zh
- (30) 03270370.8 25 Sep/sep 2003 CN  
(25.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A REFRIGERATOR USING AIR-CONDITIONED PRESERVATION  
• REFRIGERATEUR UTILISANT LA CONSERVATION PAR AIR CONDITIONNE
- (71, 72) LIU, Chun [CN/CN]; No. 188-1-1915, Long Dong Road, Pu Dong, Shanghai 201204 (CN).  
*(only for / seulement pour US)*
- (74) CHINA SCIENCE PATENT & TRADE-MARK AGENT LTD; 15/F., Bldg. B, Tsinghua Tongfang Hi-Tech Plaza, No.1, Wangzhuang Rd., Haidian District, Beijing 100083 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A23G 3/00, 3/02, A23L 1/164, A21D 13/08, A23P 1/12, A23G 3/20, A23B 9/04
- (11) WO 2005/027649 (13) A2
- (21) PCT/US2004/030799
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/504,487 19 Sep/sep 2003 US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MULTI-PIECE FOOD PRODUCT AND METHOD FOR MAKING THE SAME  
• PRODUIT ALIMENTAIRE EN PLUSIEURS MORCEAUX ET SON PROCEDE DE CONCEPTION
- (71) KELLOGG COMPANY [US/US]; W.K. Kellogg Institute, 2 Hamblin Avenue East, Battle Creek, MI 49016-3232 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) RICHEY, Stephen, B. [US/US]; 16150 20 Mile Road, Marshall, MI 49068 (US). YANG, Guoshen [US/US]; 100 Tiffany Lane, Battle Creek, MI 49015 (US). LOHMAN, Myung, Hee [US/US]; 214 Chapel Hill Drive, Battle Creek, MI 49015 (US). STEELE, Mary, E. [US/US]; 1194 Lakeside Drive South, Battle Creek, MI 49015 (US). REIFSTECK, Brian, M. [US/US]; 249 Westchester Way, Battle Creek, MI 49015 (US). ROY, Pradip, K. [US/US]; 3445 Brookpoint S.E., Grand Rapids, MI 49546 (US). SCHONAUER, Sylvia, L. [US/US]; 194 Beckwith Drive, Battle Creek, MI 49015 (US).
- (74) YEE, James, R. et al. / etc.; Howard & Howard Attorneys, PC, 39400 Woodward Avenue, Suite 101, Bloomfield Hills, MI 48304-5151 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ



MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A23K 1/16, 1/18

(11) WO 2005/027650 (13) A1

(21) PCT/EP2004/010236

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 03021365.6 22 Sep/sep 2003 EP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VITAMIN CONTAINING PET FOOD COMPOSITIONS

• COMPOSITIONS D'ALIMENTS VITAMINES POUR ANIMAUX DOMESTIQUES

(71) DSM IP ASSETS B.V. [NL/NL]; Het Overloon 1, NL-6411 Te Heerlen (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRAMMER, Stephanie [DE/DE]; Hubertusweg 6, 79541 Lörrach-Hauingen (DE). WEBER, Gilbert [CH/CH]; Im Hofacker 5, CH-4312 Magden (CH).

(74) GROSSNER, Lutz; c/o DSM Nutritional Products Ltd., Wurmisweg 576, CH-4303 Kaiseraugst (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A23K 1/16, 1/18

(11) WO 2005/027651 (13) A1

(21) PCT/JP2004/013619

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-328280 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FEEDSTUFF FOR ANIMAL PLANKTON

• ALIMENT POUR ANIMAL PLANCTONIQUE

(71) THE NISSHIN OILLIO GROUP, LTD. [JP/JP]; 23-1, Shinkawa 1-chome, Chuo-ku, Tokyo, 1048285 (JP). NISSHIN MARINETECH CO., LTD. [JP/JP]; 23-1, Shinkawa 1-chome, Chuo-ku, Tokyo, 1048285 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KATO, Takashi [JP/JP]; c/o Nisshin Marinetech Co., Ltd., 3, Chiwaka-cho

1-chome, Kanagawa-ku, Yokohama-shi, Kanagawa, 2210036 (JP). KOJIMA, Eiji [JP/JP]; c/o The Nisshin Oillio Group, Ltd., Yokosuka Administration Dept., 1, Shinmei-cho, Yokosuka-shi, Kanagawa, 2390832 (JP). KOJIMOTO, Masashi [JP/JP]; c/o Nisshin Marinetech Co., Ltd., 3, Chiwaka-cho 1-chome, Kanagawa-ku, Yokohama-shi, Kanagawa, 2210036 (JP). ISOJIMA, Noboru [JP/JP]; c/o Nisshin Marinetech Co., Ltd., 3, Chiwaka-cho 1-chome, Kanagawa-ku, Yokohama-shi, Kanagawa, 2210036 (JP).

(74) KUMAKURA, Yoshio et al. / etc.; NAKAMURA & PARTNERS, Shin-Tokyo Bldg., 3-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008355 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A23L 1/00

(11) WO 2005/027652 (13) A1

(21) PCT/EP2004/010441

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 03021368.0 22 Sep/sep 2003 EP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR MANUFACTURING A GRANULAR TYPE FOOD PREPARATION BY AGGLOMERATION

• PROCEDE DE PRODUCTION D'UNE PREPARATION ALIMENTAIRE SOUS FORME DE GRANULES, PAR AGGLOMERATION

(71) NESTEC SA [CH/CH]; Avenue Nestlé 55, CH-1800, Vevey (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PALZER, Stefan [DE/CH]; 4, Haldenstrasse, CH-8320 Fehraltorf (CH). WAESSLE, Ingo [DE/CH]; Wülflingerstrasse 71, CH-8400 Winterthur (CH).

(74) ICB; Ingénieurs Conseils en Brevets S.A., Rue des Sors 7, CH-2074 Marin (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A23L 1/20, A23C 11/10

(11) WO 2005/027653 (13) A1

(21) PCT/JP2004/013759

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-329797 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FERMENTATION SYSTEM OF SOY MILK

• SYSTEME DE FERMENTATION DE LAIT DE SOJA

(71, 72) YAMADA, Taketoshi [JP/JP]; 14-18, Mejiro 3-chome, Toshima-ku, Tokyo 171-0031 (JP).

(74) INABA, Yoshiyuki et al. / etc.; TMI Associates, 23rd Floor, Roppongi Hills Mori Tower, 6-10-1, Roppongi, Minato-ku, Tokyo 106-6123 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A23L 1/2165, B29B 7/48, A23L 1/216, B01F 7/08

(11) WO 2005/027654 (13) A1

(21) PCT/DE2004/001989

(22) 7 Sep/sep 2004 (07.09.2004)

(25) de (26) de

(30) 103 42 982.4 17 Sep/sep 2003 DE (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND DEVICE FOR, PREFERABLY, CONTINUOUSLY INTERMIXING A BOILED POTATO SUBSTANCE WITH DRIED POTATO POWDER

• PROCEDE ET DISPOSITIF POUR MELANGER, DE PREFERENCE EN CONTINU, DE LA POMME DE TERRE CUITE AVEC DE LA POUDRE DE POMME DE TERRE SECHEE

(71) EMSLAND FOOD GMBH [DE/DE]; Emslandstrasse 58, 49824 Emlichheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUCHA, Bernd [DE/DE]; Eifelstrasse 21, 48527 Nordhorn (DE). KÖGEL, Hartmut [DE/DE]; Bahnhofstrasse 2, 29379 Wittingen-Knesebeck (DE).

- (74) MANASSE, Uwe et al. / etc.; Boehmert & Boehmert, Hollerallee 32, 28209 Bremen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A23L 1/217, B41M 1/26, A23L 1/00, A21D 13/00
- (11) WO 2005/027655 (13) A1
- (21) PCT/US2004/030898
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/503,718 17 Sep/sep 2003 US (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • IMAGE EXPOSURE CONTROL IN EDIBLE SUBSTRATES  
• REGULATION DE L'EXPOSITION D'IMAGES DANS DES SUBSTRATS COMESTIBLES
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROMANACH, Benito, Albert [US/US]; 3421 Woodburne Drive, Mason, OH 45040 (US). WEN, LuFang [US/US]; 4739 Hampton Pond Lane, Mason, OH 45040 (US).
- (74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A23L 1/22, 1/30, A61K 31/19, 31/70, A61P 3/10
- (11) WO 2005/027656 (13) A1
- (21) PCT/JP2004/013827
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) ja (26) ja
- (30) 60/503891 22 Sep/sep 2003 US (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • FUNCTIONAL SWEETENER  
• EDULCORANT FONCTIONNEL
- (71) Use-Techno Corporation [JP/JP]; 27, Sasoo Shinmachi 4-chome, Fukuchiyama-shi, Kyoto, 6200055 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MATSUYAMA, Futoshi [JP/JP]; 117-7, Aza Amada, Fukuchiyama-shi, Kyoto, 6208502 (JP).
- (74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo, 1040061 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A23L 1/221, 1/227, A23J 3/04, 3/34, A23L 1/313
- (11) WO 2005/027657 (13) A1
- (21) PCT/JP2004/013443
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) ja (26) ja
- (30) 2003-328710 19 Sep/sep 2003 JP (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESS FOR PRODUCING PROTEIN HYDROLYSATE AND PROTEIN HYDROLYSATE  
• PROCEDE DE PRODUCTION D'UN HYDROLYSAT PROTEIQUE ET HYDROLYSAT PROTEIQUE ASSOCIE
- (71) AMINO JAPAN CO., LTD. [JP/JP]; 2081-10, Tabaru, Mashiki-machi, Kamimashiki-gun Kumamoto, 8612202 (JP). TOMOE FOOD RESEARCH CO., LTD. [JP/JP]; 10-11-1006, Shinmachi 1-chome, Kumamoto-shi Kumamoto, 8600004 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAEDA, Masamichi [JP/JP]; c/o Industrial Technology Center of Nagasaki, 1303-8, Ikeda 2-chome, Ohmura-shi Nagasaki, 8560026 (JP). NODA, Yoshiharu [JP/JP]; c/o Fukuoka-Prefecture Shoyu Jozo Kyodo Kumiai, 65, Ohaza-Ushijima, Chikushino-shi Fukuoka, 8180014 (JP). MURATA, Hisao [JP/JP]; c/o Tomoe Food Research Co., Ltd., 10-11-1006, Shinmachi 1-chome, Kumamoto-shi Kumamoto, 8600004 (JP).
- (74) KATO, Hisashi; Room 1102, Asaco-Hakata Bldg. 11-5, Hakatakihigashi 1-chome,
- Hakata-ku, Fukuoka-shi, Fukuoka 8120013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (b)
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- (51)<sup>7</sup> A23L 1/226, 1/222, 1/03
- (11) WO 2005/027658 (13) A1
- (21) PCT/US2004/029871
- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) en (26) en
- (30) 10/661,411 12 Sep/sep 2003 US (12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • GRAPE FLAVORED POME FRUIT  
• FRUIT A PEPINS AU GOUT DE RAISIN
- (71) SNYDER, Gary, A. [US/US]; P.O. Box 121, Wenatchee, WA 98807 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (74) SVENDSEN, Chris, E.; Stratton Ballew PLLC, 213 South 12th Avenue, Yakima, WA 98902 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A23L 1/24
- (11) WO 2005/027659 (13) A1
- (21) PCT/IB2004/003029
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) SV2003A000036 19 Sep/sep 2003 IT (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MAYONNAISE MADE WITH RICE  
• MAYONNAISE CONFECTIIONNEE AVEC DU RIZ
- (71) SOMANO, Rita [IT/IT]; Via Paganini 5/10, I-17100 Savona (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A23L 1/29, 1/09, 1/305, 1/30

(11) WO 2005/027660 (13) A2

(21) PCT/NL2004/000650

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 03077971.4 19 Sep/sep 2003 EP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND COMPOSITION FOR PREVENTING MULTIPLE ORGAN DYSFUNCTION SYNDROME

• METHODE ET COMPOSITION DE PREVENTION DU SYNDROME DES DYSFONCTIONNEMENTS MULTIPLES D'ORGANES

(71) N.V. NUTRICIA [NL/NL]; Eerste Stationsstraat 186, NL-2712 HM Zoetermeer (NL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) VAN NORREN, Klaske [NL/NL]; Fluitersdreef 4, NL-6871 LP Renkum (NL). VAN HOORN, Eduard, Christian [NL/NL]; Burgvliet 129, NL-8226 RE Lelystad (NL). HAGEMAN, Robert, Johan, Joseph [NL/NL]; Hamsterlaan 12, NL-6705 CT Wageningen (NL). BOURTIS, Houkje [NL/NL]; Roemer Visscherlaan 41c, NL-3705 SC Zeist (NL). VRIESEMA, Adrianus, Johannes, Maria [NL/NL]; Fluweelmos 6, NL-3993 KR Houten (NL). VAN LIMPT, Cornelus, Johannes, Petrus [NL/NL]; Elsenburg 48, NL-3813 RD Amersfoort (NL). LANSINK, Mirian [NL/NL]; Fivelingo 87, NL-3524 BJ Utrecht (NL). VAN MEETEREN, Marieke, Elise [NL/NL]; Groen Prinstererstraat 109, NL-6702 CR Wageningen (NL).

(74) VAN WESTENBRUGGE, Andries et al. / etc.; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A23L 1/30, A61P 3/04, A61K 35/78, A61P 3/10

(11) WO 2005/027661 (13) A1

(21) PCT/EP2004/010283

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 03021447.2 23 Sep/sep 2003 EP (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPOSITIONS FOR THE TREATMENT AND PREVENTION OF DIABETES MELLITUS

• COMPOSITIONS PERMETTANT DE TRAITER ET DE PREVENIR LE DIABETE SUCRE

(71) DSM IP Assets B.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) RAEDERSTORFF, Daniel [FR/FR]; 36c rue Bellevue, F-68350 Brunstatt (FR). TEIXEIRA, Sandra, Renata [PT/US]; 438 Massachusetts Avenue, Apartment 439, Arlington, MA 02474 (US). WANG, Ying [CN/CH]; Solothurnerstrasse 50, CH-4053 Basel (CH). WEBER, Peter [DE/DE]; Im Grundacker 10, 79429 Malsburg-Marzell (DE). WOLFRAM, Swen [DE/DE]; Schmitzinger Strasse 30, 79761 Waldshut-Tiengen (DE).

(74) GROSSNER, Lutz; DSM Nutritional Products Ltd., Wurmisweg 576, CH-4303 Kaiser-augst (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A23L 1/302, 1/304, 1/48, 2/60, 2/66

(11) WO 2005/027662 (13) A1

(21) PCT/US2004/029955

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 60/502,813 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MEAL REPLACEMENT BEVERAGE  
• BOISSON REMPLAÇANT UN REPAS

(71) RAY AND TERRY'S HEALTH PRODUCTS, INC. [US/US]; 15 Walnut Street, Wellesley Hills, MA 02481 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) GROSSMAN, Terry [US/US]; 7682 E. Arizona Drive, Denver, CO 80231 (US). KURZWEIL, Raymond, C. [US/US]; 203 Lake Avenue, Newton, MA 02161 (US).

(74) MALONEY, Denis, G.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A23L 1/308, A61K 31/00

(11) WO 2005/027663 (13) A2

(21) PCT/EP2004/010469

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 0321996.1 19 Sep/sep 2003 GB (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPOSITIONS COMPRISING OLIGOSACCHARIDES

• COMPOSITIONS COMPRENANT DES OLIGOSACCHARIDES

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) RHOADES, Jonathan, Robert [GB/GB]; The University of Reading, PO Box 226, Whiteknights, Reading RG6 6AP (GB). RASTALL, Robert [GB/GB]; The University of Reading, PO Box 226, Whiteknights, Reading RG6 6AP (GB). GIBSON, Glenn, R. [GB/GB]; The University of Reading, PO Box 226, Whiteknights, Reading RG6 6AP (GB).

(74) KELLY, Ingrid; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A23L 2/10, B01D 1/10, 1/12, 1/28

(11) WO 2005/027664 (13) A1

(21) PCT/IB2004/002547

- (22) 29 Jul/juil 2004 (29.07.2004)  
(25) en (26) en
- (30) MO2003A000254 19 Sep/sep 2003 IT  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A PLANT FOR CONCENTRATION OF TOMATO JUICE  
• INSTALLATION DE CONCENTRATION DE JUS DE TOMATE
- (71) ROSSI & CATELLI S.P.A. [IT/IT]; Via Traversetolo, 2/A, I-43100 Parma (IT).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CATELLI, Roberto [IT/IT]; Via Togliatti, 8, I-43100 Parma (IT).
- (74) NERI, Luciano; Bugnion S.p.A., Via Emilia Est, 25, I-41100 Modena (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A23L 3/3472, C12H 1/00  
(11) WO 2005/027665 (13) A1  
(21) PCT/US2004/029625  
(22) 10 Sep/sep 2004 (10.09.2004)  
(25) en (26) en  
(30) 60/502,512 12 Sep/sep 2003 US  
(12.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • THE USE OF LABIATAE HERB PREPARATIONS FOR EXTENDING THE FLAVOR SHELF LIFE OF MALT BEVERAGES  
• UTILISATION DE PREPARATIONS A BASE D'HERBES DE LA FAMILLE DES <I>LABIATAE </I>POUR AUGMENTER LA CONSERVATION DE LA SAVEUR DES BOISSONS A BASE DE MALT
- (71) KALAMAZOO HOLDINGS, INC. [US/US]; 3713 West Main Street, Kalamazoo, MI 49006 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MENNETT, Randall, H. [US/US]; 6299 Redfern Circle, Portage, MI 49024 (US). BARREN, James, P. [US/US]; 4105 Stoney Hill Drive, Kalamazoo, MI 49009 (US). BERDAHL, Donald, R. [US/US]; 77267 County Road 652, Lawton, MI 49065 (US). TODD, Paul, H., Jr. [US/US]; 3713 West Main Street, Kalamazoo, MI 49006 (US). BABB, Michael, C. [US/US]; 232 D Falkirk Court, Kalamazoo, MI 49006 (US).
- (74) SAGE, G., Patrick; The Firm of Hueschen and Sage, 500 Columbia Plaza, 350 East Michigan Avenue, Kalamazoo, MI 49007 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A23P  
(11) WO 2005/027666 (13) A2  
(21) PCT/US2004/030539  
(22) 16 Sep/sep 2004 (16.09.2004)  
(25) en (26) en  
(30) 60/503,354 16 Sep/sep 2003 US  
(16.09.2003)  
(30) 60/515,585 29 Oct/oct 2003 US  
(29.10.2003)  
(30) 60/571,368 14 May/mai 2004 US  
(14.05.2004)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • TUBE VALVE ARRANGEMENT FOR A PATTY-FORMING MACHINE  
• AGENCEMENT DE SOUPAPE DE TUBE POUR MACHINE A MOULER DES GALETTES
- (71) FORMAX, INC. [US/US]; 9150 191st Street, Mokena, IL 60448 (US).
- (72) HANSEN, David; c/o Formax, Inc., 9150 191st Street, Mokena, IL 60448 (US). LINDEE, Scott, A.; c/o Formax, Inc., 9150 191st Street, Mokena, IL 60448 (US). SANDBERG, Glenn; c/o Formax, Inc., 9150 191st Street, Mokena, IL 60448 (US).
- (74) ERICKSON, Randall, T.; The Law Office of Randall T. Erickson, P.C., 425 W. Wesley St., Suite 1, Wheaton, IL 60187 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A23P  
(11) WO 2005/027667 (13) A2  
(21) PCT/US2004/030540  
(22) 16 Sep/sep 2004 (16.09.2004)  
(25) en (26) en
- (30) 60/503,354 16 Sep/sep 2003 US  
(16.09.2003)  
(30) 60/515,585 29 Oct/oct 2003 US  
(29.10.2003)  
(30) 60/571,368 14 May/mai 2004 US  
(14.05.2004)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • PATTY-FORMING APPARATUS  
• MACHINE A FORMER DES GALETTES DE VIANDE
- (71) FORMAX, INC. [US/US]; 9150 191st Street, Mokena, IL 60448 (US).
- (72) SANDBERG, Glenn; c/o Formax, Inc., 9150 191st Street, Mokena, IL 60448 (US). LINDEE, Scott, A.; c/o Formax, Inc., 9150 191st Street, Mokena, IL 60448 (US). HANSEN, David; c/o Formax, Inc., 9150 191st Street, Mokena, IL 60448 (US). RING, Timothy, W.; c/o Formax, Inc., 9150 191st Street, Mokena, IL 60448 (US). HANCOCK, David; c/o Formax, Inc., 9150 191st Street, Mokena, IL 60448 (US). LAMARTINO, Salvatore; c/o Formax, Inc., 9150 191st Street, Mokena, IL 60448 (US).
- (74) ERICKSON, Randall, T.; The Law Office of Randall T. Erickson, P.C., 425 W. Wesley St., Suite 1, Wheaton, IL 60187 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A24D 1/08  
(11) WO 2005/027668 (13) A1  
(21) PCT/KR2003/001950  
(22) 24 Sep/sep 2003 (24.09.2003)  
(25) ko (26) en  
(30) 10-2003-0065715 22 Sep/sep 2003 KR  
(22.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • CIGARETTE IGNITION DEVICE THAT DOES NOT NEED MATCH  
• DISPOSITIF D'ALLUMAGE DE CIGARETTE SANS ALLUMETTE
- (71, 72) KIM, Jong Pil [KR/KR]; 464, Eocun 3 ri, Jangan-myeon, Hwasong-shi, Gyeonggi-do 445-941 (KR).
- (74) HAN, Sang Hyuk; Dugyu B/D 2F, 943-14 Daechi-dong, Kangnam-gu, Seoul 135-845 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN

TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A41D 27/08, 27/28, 27/24

(11) WO 2005/027669 (13) A1

(21) PCT/US2004/029591

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 10/665,222 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPOSITE ARTICLE JOINED WITH AN ADHESIVE

• ARTICLE COMPOSITE ASSEMBLE AVEC UN ADHESIF

(71) NIKE INCORPORATED [US/US]; One Bowerman Drive, Beaverton, OR 97005-6453 (US).

(only for / seulement pour JP KR)

(71) NIKE INTERNATIONAL, LTD. [GB/US]; One Bowerman Drive, Beaverton, Oregon 97005-6453 (US).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GB GD GE GH GM HR HU ID IL IN IS KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)

(72, 75) NORDSTROM, Matt [US/US]; 2015 NW Flanders Street, Apt. 309, Portland, OR 97209 (US).

(74) BUROW, Scott, A.; BANNER & WITCOFF, LTD., 1001 G Street, N.W., 11th Floor, Washington, D.C. 20001-4597 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A41G 5/00

(11) WO 2005/027670 (13) A1

(21) PCT/KR2004/002227

(22) 3 Sep/sep 2004 (03.09.2004)

(25) en (26) en

(30) 20-2003-0030201 24 Sep/sep 2003 KR (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • WEFT FOR HAIR EXTENSION AND A METHOD OF EXTENDING THE WEFT FOR HAIR EXTENSION TO REAL HAIR

• TRAME POUR EXTENSION CAPILLAIRE ET PROCEDE D'EXTENSION CAPILLAIRE SUR CHEVEUX NATURELS

(71, 72) SONG, Gi Seon [KR/KR]; 10-1207 Eunma Apt., 316, Daechi-dong, Gangnam-gu, Seoul 135-778 (KR).

(74) KOH, Young Hoe; 1543-11 Sanwoo Bldg., 4th Floor, Seocho-dong, Seocho-gu, Seoul 137-070 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A42B 3/04

(11) WO 2005/027671 (13) A1

(21) PCT/KR2004/001799

(22) 20 Jul/juil 2004 (20.07.2004)

(25) ko (26) en

(30) 10-2003-0065004 19 Sep/sep 2003 KR (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SAFETY HELMET

• CASQUE DE SECURITE

(71) SANCHEONG CO., LTD. [KR/KR]; 185, Songmun-ri, Yangji-myeon, Yongin-si, Gyeonggi-do 449-823 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Jong-Kee [KR/KR]; 187, Songmun-ri, Yangji-myeon, Yongin-si, Gyeonggi-do 449-823 (KR).

(74) YOUN, Kyu-Cheol; New-Tech International Patent & Law Office, 10th Floor, Teheran Building, 825-33 Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A43B 9/18, B29D 31/508, A43B 3/10, 3/12, 9/04

(11) WO 2005/027672 (13) A1

(21) PCT/DE2004/002100

(22) 20 Sep/sep 2004 (20.09.2004)

(25) de (26) de

(30) 103 43 886.6 19 Sep/sep 2003 DE (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR THE PRODUCTION OF A SHOE

• PROCEDE DE FABRICATION D'UNE CHAUSSURE

(71) ALSA GMBH [DE/DE]; 36396 Steinau-Uerzell (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HERBER, Karl-Heinrich [DE/DE]; Brückenstrasse 20, 36391 Simtal-Mottgers (DE).

(74) HEBING, Norbert; Frankfurter Strasse 34, 61231 Bad Nauheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A43B 13/18

(11) WO 2005/027673 (13) A1

(21) PCT/KR2003/002740

(22) 12 Dec/déc 2003 (12.12.2003)

(25) ko (26) en

(30) 20-2003-0030037 23 Sep/sep 2003 KR (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • JUMP SHOES

• CHAUSSURES DE SAUT

(71, 72) RYOO, Hyun-Wook [KR/KR]; 103-303 YouChangPressville, 759-2 Hwanggeum-Dong, Suseong-Gu, Daegu 706-850 (KR).

(74) LEE, Byung-II; 21-22 Daebong-1Dong, Jung-gu, Daegu 700-431 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A43B 17/00

(11) WO 2005/027674 (13) A1

(21) PCT/CN2003/000819

(22) 25 Sep/sep 2003 (25.09.2003)

(25) zh (26) zh

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A FRONT INLET OF A SHOE LINING AND A SHOE LINING CONTAINING SAID INLET

• PIECE RAPPORTEE AVANT D'UN EM-BAUCHOIR DE CHAUSSURE ET EM-BAUCHOIR DE CHAUSSURE CONTENANT CETTE PIECE RAPPORTEE

(71, 72) LI, Yongzhao [CN/CN]; 188, Shuangyuan Road, Chengyang District, Qingdao, Shandong, 266108 (CN).

(74) CHINA SCIENCE PATENT & TRADE-MARK AGENT LTD; 15/F., Bldg. B., Tinghua Tongfang Hi-Tech Plaza, No.1, Wangzhuang Rd., Haidian, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A44B 18/00

(11) WO 2005/027675 (13) A1

(21) PCT/JP2003/011938

(22) 18 Sep/sep 2003 (18.09.2003)

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SILENT HOOK-AND-LOOP FASTENER

• FERMETURES PAR CONTACT SILENCIEUSES

(71) YKK CORPORATION [JP/JP]; 1, Kanda Izumi-cho, Chiyoda-ku, Tokyo 101-8642 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIZUHARA, Hisayoshi [JP/JP]; 9-6, Kutsukake, Kurobe-shi, Toyama 938-0013 (JP). SUGATA, Tomonari [JP/JP]; 431-4, Aramachi, Kurobe-shi, Toyama 938-0044 (JP).

(74) NOGUCHI, Takeo et al. / etc.; Mutsumi Int.Patent Bureau, Bandai Bld. 10-14, Kandaawajicho 2-chome, Chiyoda-ku, Tokyo 101-0063 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A44B 18/00, A61F 13/62

(11) WO 2005/027676 (13) A1

(21) PCT/US2004/030809

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 10/666,304 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COEXTRUDED HOOK FASTENERS

• ATTACHES CROCHUES COEXTRUDEES

(63) US 10/666,304 (CON) 18 Sep/sep 2003 (18.09.2003)

(71) VELCRO INDUSTRIES B.V. [NL/NL]; Castorweg 22-24, Curacao (AN).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VANBENSCHOTEN, Brian, J. [US/US]; 10 Abbott Street, Rochester, NH 03868 (US). TACHAUER, Ernesto, S. [CA/US]; 62 Grafton Drive, Bedford, NH 03110 (US). KURTZ, Wallace, L. [US/US]; 164 Leominster Road, Lunenburg, MA 01462 (US). TREMBLAY, Heidi, S. [US/US]; 45 Blossom Road, Windham, NH 03087 (US). DANDURAND, Paul, A. [US/US]; 58 Kingston Street, Manchester, NH 03102 (US). CLUNE, William, P. [US/US]; 99-1 Lakeshore Drive, Northwood, NH 03261 (US). NEEB, Alexander, J. [US/US]; 4835 Jones Bridge Woods Drive, Alpharetta, GA 30022 (US). PIERCE, Joseph, E. [US/US]; 268 River Drive, Appleton, WI 54915 (US). SCHMIDT, Richard, J. [US/US]; 285 Spring Ridge Terrace, Roswell, GA 30076-4521 (US). TANZER, Richard, W. [US/US]; 413 Beaulieu Road, Neenah, WI 54956 (US).

(74) BABINEAU, James, W.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A44C

(11) WO 2005/027677 (13) A2

(21) PCT/IL2004/000892

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 60/505,433 25 Sep/sep 2003 US (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRONIC IDENTIFICATION OF GEMSTONES

• IDENTIFICATION ELECTRONIQUE DE GEMMES

(71) GEMTOUCH INC.s [US/US]; P.O.Box 3425, Beverley Hills 90212 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) LOBODA, Howard [IL/IL]; 56 Derech Hachoreh, 97273 Jerusalem (IL).

(72, 75) JACOBY, Michael [IL/IL]; P.O. Box 210, 99875 Tzur Hadassah (IL).

(74) SANFORD T. COLB & CO. et al. / etc.; P.O. Box 2273, 76122 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A45C 11/00

(11) WO 2005/027678 (13) A1

(21) PCT/KR2004/002432

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ko (26) en

(30) 10-2003-0065627 22 Sep/sep 2003 KR (22.09.2003)

(30) 10-2004-0025128 12 Apr/avr 2004 KR (12.04.2004)

(30) 10-2004-0074410 17 Sep/sep 2004 KR (17.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • KNAPSACK TYPE CARRIER FOR LEISURE

• DISPOSITIF DE TRANSPORT DE TYPE SAC A DOS POUR LOISIRS

(71, 72) LEE, Ju-Hun [KR/KR]; B-8 Hanbat University Business Incubator, Yuseong-Gu, Daejeon 305-719 (KR).

(74) KWON, Oh-Sig et al. / etc.; 401, Joeeun Leaderstel, 921, Dunsan-Dong, Seo-Gu, Daejeon 302-828 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A45C 15/00

(11) WO 2005/027679 (13) A1

(21) PCT/KR2004/002421

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ko (26) en

(30) 20-2003-0029914 22 Sep/sep 2003 KR (22.09.2003)

(30) 10-2003-0065488 22 Sep/sep 2003 KR (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BAG HAVING SEPARABLE FLAT PLATE

• SAC A PLAQUE PLATE SEPARABLE

(71, 72) SHIN, Jum-Chul [KR/KR]; 106-1403 Jugong Apt., 550 Eunhaeng 2-dong, Jungwon-gu, Seongnam-si, Gyeonggi-do 462-710 (KR).

(74) KIM, Sung-Gyu; 4th FL. Jangan Bldg., 827-3 Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A45D 2/36, 4/16

(11) WO 2005/027680 (13) A1

(21) PCT/IB2004/003048

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/664,682 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HAIR CURLER

• ROULEAUX CHAUFFANTS

(71) CREATE CO., LTD. [JP/JP]; 25-16 Nagaoka, 3 Chome, Minami-Ku, 815 0075 Fukuoka (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAIZUKA, Kazutoshi [JP/JP]; 4-9-36 Nagaoka, Minami-ku, Fukuoka City (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A45D 19/10, A47C 7/36

(11) WO 2005/027681 (13) A1

(21) PCT/NL2004/000602

(22) 30 Aug/août 2004 (30.08.2004)

(25) nl (26) en

(30) 1024222 4 Sep/sep 2003 NL (04.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR WASHING AND/OR TREATING THE HAIR OF A PERSON

• PROCEDE DE LAVAGE OU DE TRAITEMENT DES CHEVEUX D'UNE PERSONNE

(71, 72) SCHNEIDER, Catharina [NL/NL]; Plataanlaan 3, NL-1505 GN Zaandam (NL). DEN BRAVE, Johanna, Susanne [NL/NL]; Schepenlaan 77, NL-1503 HK Zaandam (NL).

(74) VAN SOMEREN, Petronella, Francisca, Hendrika, Maria; Arnold & Siedsma, Sweelinkplein 1, NL-2517 GK The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A45D 29/00, 29/16

(11) WO 2005/027682 (13) A1

(21) PCT/US2004/030163

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/504,593 16 Sep/sep 2003 US (16.09.2003)

(30) 10/753,019 6 Jan/jan 2004 US (06.01.2004)

(30) 10/772,759 4 Feb/fév 2004 US (04.02.2004)

(30) 10/789,238 26 Feb/fév 2004 US (26.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MANICURING APPLIANCE

• APPAREIL DE MANUCURE

(71) PERFECT NAIL PRODUCTIONS, INC. [US/US]; P.O. Box 231243, Rancho Santa FE, CA 92023-1243 (US).

(72) LAM, Phillip, L.; 303 North Chandler Avenue, Monterey Park, CA 91754 (US).

(74) TACHNER, Leonard; 17961 Sky Park Circle, Suite 38-E, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A45D 34/04

(11) WO 2005/027683 (13) A1

(21) PCT/BR2004/000056

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en  
(30) PI0305111-0 23 Sep/sep 2003 BR  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CYLINDRICAL APPLICATOR FOR DISPENSING COSMETIC COMPOSITIONS

• APPLICATEUR CYLINDRIQUE POUR DISTRIBUER DES COMPOSITIONS COSMETIQUES

(71, 72) DORIA, Antonio, Silvio, Sampaio [BR/BR]; Rua Filipe de Gusmão, N°61, BR-05441-100 São Paulo - SP (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A45D 40/00

(11) WO 2005/027684 (13) A1

(21) PCT/BR2004/000180

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) PI 0303884-0 25 Sep/sep 2003 BR  
(25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COSMETIC SAMPLER AND PROCESS TO MANUFACTURE THE SAME

• SUPPORT D'ÉCHANTILLON COSMETIQUE ET PROCÉDE DE FABRICATION ASSOCIÉ

(71) MFR PRODUTOS PROMOCIONAIS LTDA [BR/BR]; Estrada dos Romeiros, km 38, 5, n 165, Galpão 14 - Centro Empresarial Morro Grande, 06504-160 Santana do Parnaíba - SP (BR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIPOLI, Pablo Eugenio [AR/BR]; Alameda brilhante 403, Alphaville Residencial Nove, 06500-000 Santana do Parnaíba - SP (BR).

(74) ARNAUD, Antonio M.P. et al. / etc.; Rua José Bonifácio, 93 - 9th floor, 01003-901 São Paulo - SP (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A45F 3/00

(11) WO 2005/027685 (13) A2

(21) PCT/EP2004/053665

(22) 23 Jul/juil 2004 (23.07.2004)

(25) de (26) de

(30) 203 11 431.0 24 Jul/juil 2003 DE  
(24.07.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CARRIER HARNESS

• HARNAIS PORTABLE

(71, 72) BERSIN, Michael [DE/DE]; Weidenweg 100, 51205 Köln (DE).

(72, 75) DEGWITZ-VAN-SON, Udo [DE/DE]; Siegburger Strasse 159, 51679 Köln (DE).

(74) FREISCHEM, Stephan; An Gross St. Martin 2, 50667 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A45F 5/02

(11) WO 2005/027686 (13) A1

(21) PCT/DE2004/002005

(22) 9 Sep/sep 2004 (09.09.2004)

(25) de (26) de

(30) 103 42 712.0 16 Sep/sep 2003 DE  
(16.09.2003)

(30) 10 2004 002 522.3 17 Jan/jan 2004 DE  
(17.01.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FASTENING SYSTEM

• SYSTEME DE FIXATION

(71, 72) FLÖSSNER, Uwe [DE/DE]; Friedensstrasse 7, 98634 Kaltensundheim/Thüringen (DE).

(74) SCHMALZ, Hans-Dieter; Bahnhofstrasse 69, 98574 Schmalkalden/Thüringen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A47B

(11) WO 2005/027687 (13) A2

(21) PCT/US2004/030050

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,124 15 Sep/sep 2003 US  
(15.09.2003)

(30) 10/919,537 17 Aug/août 2004 US  
(17.08.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD TO ASSEMBLE COMPONENTS USING BRACKETS AND BRACKETED ASSEMBLIES

• PROCÉDE D'ASSEMBLAGE DE COMPOSANTS AU MOYEN DE BRIDES DE FIXATION, ET ENSEMBLES MONTES AVEC CES BRIDES

(71) MOBILIS SYSTEM, LLC [US/US]; Suite 1200, 125 South Congress Street, Jackson, MS 39201 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OWENS, Larry [US/US]; CR 8461, House 152, Booneville, MS 38829 (US). LEWELLEN, Chris [US/US]; 2890 CR 813, Ripley, MS 38663 (US). HOBBS, James D. [US/US]; 110 Windrush Drive, Ridgeland, MS 39157 (US).

(74) BALDRIDGE, Julie R.; Butler, Snow, O'Mara, Stevens & Cannada PLLC, Suite 500, 6075 Poplar Avenue, Memphis, TN 38119 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A47B 97/00

(11) WO 2005/027688 (13) A1

(21) PCT/US2004/029413

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/660,979 12 Sep/sep 2003 US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SPARE TIRE BRACKET



• TASSEAU DE ROUE DE SECOURS  
(71, 72) **GATES, David L.** [US/US]; 3508 Routh Street, Dallas, Texas 75219-4730 (US).

(72, 75) **MORRISH, Monte** [US/US]; 1113 Carmody Drive, Mesquite, Texas 75149-6024 (US).

(74) **DOVE, Barry W.**; Slater & Matsil, L.L.P., 17950 Preston Road, Suite 1000, Dallas, Texas 75252 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A47C

(11) **WO 2005/027689** (13) A2

(21) PCT/US2004/029782

(22) **13 Sep/sep 2004 (13.09.2004)**

(25) en (26) en

(30) 60/502,869 **15 Sep/sep 2003** US (15.09.2003)

(30) 10/865,684 **10 Jun/juin 2004** US (10.06.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND TOOL FOR SECURING TOGETHER TWO OR MORE LAYERS OF A MATTRESS USING A PLASTIC FASTENER

• PROCEDE ET OUTIL PERMETTANT D'ATTACHER ENSEMBLE AU MOINS DEUX COUCHES D'UN MATELAS AU MOYEN D'UNE ATTACHE EN PLASTIQUE

(71) **AVERY DENNISON CORPORATION** [US/US]; 150 North Orange Grove Boulevard, Pasadena, CA 91103 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERROCAL, William, G.** [US/US]; 11 Sever Street, Apt. 606, Worcester, MA 01609 (US). **GODFREY, John** [US/US]; 4053 Killian Road, Lincolnton, North Carolina 28092 (US).

(74) **KRIEGSMAN, Edward, M.** et al. / etc.; Kriegsmann & Kriegsmann, 665 Franklin Street, Framingham, MA 01702 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A47C 1/027

(11) **WO 2005/027690** (13) A1

(21) PCT/IT2004/000498

(22) **15 Sep/sep 2004 (15.09.2004)**

(25) it (26) en

(30) PD2003A000224 **25 Sep/sep 2003** IT (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FRICTION-PLATE ADJUSTING DEVICE AND METHOD FOR THE MANUFACTURE THEREOF

• DISPOSITIF DE REGLAGE DE PLAQUE DE FRICTION ET SON PROCEDE DE FABRICATION

(71) **ARMET S.P.A.** [IT/IT]; Via Campo Aviazione 4, I-36060 Casoni di Mussolente (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FERRONATO, Giovanni** [IT/IT]; Via Campo Aviazione, 2/A, I-36060 Casoni di Mussolente (IT).

(74) **GALLO, Luca** et al. / etc.; Jacobacci & Partners S.p.A., Via Berchet, 9, I-35131 Padova (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A47C 17/04, 19/00, 23/30

(11) **WO 2005/027691** (13) A1

(21) PCT/ES2003/000479

(22) **24 Sep/sep 2003 (24.09.2003)**

(25) es (26) es

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ADJUSTABLE SEAT

• SIEGE REGLABLE

(71) **GRASSOLER, S.A.** [ES/ES]; La Clota, 22, 08290 Cerdanyola Del Vallès (Barcelona) (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRAS SOLER, José** [ES/ES]; La Clota, 22, 08290 Cerdanyola Del Vallès (Barcelona) (ES).

(74) **TORNER LASALLE, Elisabet**; Alberes, 2<sup>o</sup> 1a, E-08017 Barcelona (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A47C 17/04, 17/34, 19/00, 23/30

(11) **WO 2005/027692** (13) A1

(21) PCT/ES2003/000480

(22) **24 Sep/sep 2003 (24.09.2003)**

(25) es (26) es

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MODULAR SEAT COMPRISING MULTIPLE PLACES

• SIEGE MODULAIRE DE PLUSIEURS PLACES

(71) **GRASSOLER, S.A.** [ES/ES]; La Clota, 22, 08290 Cerdanyola Del Vallès (Barcelona) (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRAS SOLER, José** [ES/ES]; La Clota, 22, 08290 Cerdanyola Del Vallès (Barcelona) (ES).

(74) **TORNER LASALLE, Elisabet**; Alberes, 2<sup>o</sup> 1a, E-08017 Barcelona (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A47C 20/02

(11) **WO 2005/027693** (13) A1

(21) PCT/US2004/030274

(22) **15 Sep/sep 2004 (15.09.2004)**

(25) en (26) en

(30) 10/662,740 **15 Sep/sep 2003** US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TENSION RELIEVING APPARATUS FOR ARMS AND NECK

• APPAREIL RELACHANT LES TENSIONS DES BRAS ET DE LA NUQUE

(71, 72) **GOURD, Cynthia, R.** [US/US]; 21890 East 610 Road, Inola, OK 74036 (US).

(74) **WARREN, Sanford, E., Jr.** et al. / etc.; Winstead Sechrest & Minick P.C., P.O. Box 50784, Dallas, Texas 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A47F
- (11) WO 2005/027694 (13) A2
- (21) PCT/US2004/029366
- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) en (26) en
- (30) 60/503,102 12 Sep/sep 2003 US (12.09.2003)
- (30) 60/592,899 30 Jul/juil 2004 US (30.07.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ALARMING MERCHANDISE DISPLAY SYSTEM
- SYSTEME DE PRESENTATION DE MARCHANDISES DOTE D'UNE ALARME
- (71) ALPHA SECURITY PRODUCTS, INC. [US/US]; 1510 Fourth Street S.E., Canton, Ohio 44707 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) SEDON, Nicholas, M.; 5090 Cambridge Oaks Drive, Weddington, North Carolina 28104 (US). JAE B, Michael, S.; 10336 Township Road 262, Millersburg, Ohio 44654 (US). MARSILIO, Ronald, M.; 4117 River Oaks Road, Lake Wilely, SC 29710 (US).
- (74) SEBOLT, Joseph, A. et al. / etc.; Sand & Sebolt, Aegis Tower - Suite 1100, 4940 Munson Street, NW, Canton, OH 44718-3615 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A47F
- (11) WO 2005/027695 (13) A2
- (21) PCT/US2004/029757
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 10/662,783 15 Sep/sep 2003 US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A PRODUCT SERVER WITH BREATH GUARD AND POWER ASSIST MECHANISM
- DISPOSITIF DE SERVICE DE PRODUITS COMPORTANT UNE PROTECTION CONTRE L'AIR EXPIRE ET UN MECANISME D'ASSISTANCE
- (71) DUKE MANUFACTURING COMPANY [US/US]; 2305 N. Broadway, St. Louis, MO 63102 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) YINGST, Thomas, E. [US/US]; 4615 Misty Trail Lane, St. Louis, MO 63128 (US).
- (74) CLAERBOUT, Andrew, N. et al. / etc.; Senniger Powers, 1 Metropolitan Square, 16th Floor, St. Louis, Missouri 63102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A47G 1/00, 1/04, A63J 7/00, F21V 7/04
- (11) WO 2005/027696 (13) A1
- (21) PCT/US2004/030106
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 60/502,461 13 Sep/sep 2003 US (13.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DECORATIVE TRANSPARENT ILLUSION GRAPHIC
- AFFICHAGE GRAPHIQUE DECORATIF DONNANT ILLUSION DE LA TRANSPARENCE
- (71) SERIGRAPH INC. [US/US]; 3801 East Decorah Road, P.O. Box 438, West Bend, WI 53095 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MAXWELL, Donald, C., Jr. [US/US]; 405 Mayville Street, Theresa, WI 53091 (US).
- (74) BAXTER, William, K.; Godfrey & Kahn, S.C., 780 N. Water Street, Milwaukee, WI 53202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> A47G 9/00
- (11) WO 2005/027697 (13) A1
- (21) PCT/FR2003/002735
- (22) 16 Sep/sep 2003 (16.09.2003)
- (25) fr (26) fr
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • OSTEOPATHIC PILLOW
- OREILLER OSTEOPATHIQUE
- (71, 72) GUEZ, Gérard [FR/FR]; 2 avenue de Messine, F-75008 Paris (FR).
- (74) REMY, Vincent; Cabinet Lhermet la Bigne & Remy, 191, rue Saint-Honoré, F-75001 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A47G 9/00, 9/10
- (11) WO 2005/027698 (13) A1
- (21) PCT/IB2004/003050
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 10/664,680 19 Sep/sep 2003 US (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HEALTH PILLOW
- OREILLER BENEFIQUE POUR LA SANTE
- (71) CREATE CO., LTD. [JP/JP]; 25-16 Nagaoka, 3 Chome, Minami-Ku, 815 0075 Fukuoka (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KAIZUKA, Kazutoshi [JP/JP]; 4-9-36 Nagaoka, Minami-ku, Fukuoka City (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> A47G 9/10

(11) WO 2005/027699 (13) A1

(21) PCT/KR2003/002253

(22) 24 Oct/oct 2003 (24.10.2003)

(25) ko (26) en

(30) 10-2003-0065098 19 Sep/sep 2003 KR  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HEALTH PILLOW HAVING FUNC-  
TION OF AIR PURIFICATION

• COUSSIN SALUTAIRE AYANT UNE  
FONCTION DE PURIFICATION DE  
L'AIR

(71, 72) KANG, Seong-Tak [KR/KR]; 1602-30,  
Bongcheon 7-dong, Gwanak-gu, 151-835  
Seoul (KR).

(74) KIM, Seung-Wook; 14F., Kukdong Build-  
ing, 60-1, Chungmuro 3-ka, Chung-ku,  
100-705 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NI NO NZ OM PG PH PL PT  
RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG US UZ VC VN YU ZA  
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> A47G 29/14, E05G 1/00, 1/02, 7/00

(11) WO 2005/027700 (13) A1

(21) PCT/NZ2004/000226

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 528386 19 Sep/sep 2003 NZ  
(19.09.2003)

(30) 528433 24 Sep/sep 2003 NZ  
(24.09.2003)

(30) 530363 23 Dec/déc 2003 NZ  
(23.12.2003)

(30) 534005 8 Jul/juil 2004 NZ  
(08.07.2004)

(30) 534006 8 Jul/juil 2004 NZ  
(08.07.2004)

(30) 535493 20 Sep/sep 2004 NZ  
(20.09.2004)

(30) 535494 20 Sep/sep 2004 NZ  
(20.09.2004)

(30) 535495 20 Sep/sep 2004 NZ  
(20.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMPROVEMENTS IN AND RELATING  
TO SECURITY MEANS

• PERFECTIONNEMENTS RELATIFS A  
UN MOYEN DE SECURITE

(71, 72) ACE-KIRKER, Wayne, Lionel  
[NZ/NZ]; 204B Te Rapa Road, Hamilton  
(NZ).

(74) TYRER-HARDING, Denise; Pipers Cen-  
tral, Level 5, KPMG Centre, 85 Alexander  
Street (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> A47K

(11) WO 2005/027701 (13) A2

(21) PCT/US2004/029742

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 10/661,841 12 Sep/sep 2003 US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CHEMICAL TOILET WITH  
PUMPABLE STORAGE TANK

• TOILETTE CHIMIQUE COMPRENANT  
UN RESERVOIR POMPAGE

(71, 72) MARSTON, Daniel T. [US/US]; 82  
Camp Lee Road, Epping, NH 03042 (US).

(74) BUJOLD, Michael J. et al. / etc.; Davis  
& Bujold, P.L.L.C., 500 North Commercial  
Street, Fourth Floor, Manchester, NH 03101-  
1151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A47K

(11) WO 2005/027702 (13) A2

(21) PCT/US2004/031035

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/503,446 16 Sep/sep 2003 US  
(16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DISPENSING APPARATUS

• DISTRIBUTEUR

(71) THE DESIGN SOCIETY, INC. [US/US];  
1503 The Merchandise Mart, Chicago, Illi-  
nois 60654 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KRENGEL, Kenneth [US/US]; 155  
North Harbor Drive, Unit #1711, Chicago,  
Illinois 60601 (US). HUDSON, Joseph  
[US/US]; 2300 North Lincoln Park West #  
1418, Chicago, Illinois 60614 (US). HATCH,  
Paul [GB/US]; 1308 West Fillmore # 2,  
Chicago, Illinois 60607 (US). FUJIMARI,  
Toshi [JP/US]; Illinois (US).

(74) MORELLA, Timothy et al. / etc.; Neal,  
Gerber & Eisenberg LLP, 2 North LaSalle  
Street, Chicago, Illinois 60602 3801 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(t) for all designations / pour toutes les  
désignations; (t) for all designations / pour  
toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> A47K 13/24

(11) WO 2005/027703 (13) A1

(21) PCT/AU2004/001301

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 2003905239 24 Sep/sep 2003 AU  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MEANS FOR DISENABLING THE USE  
OF A TOILET BOWL

• MOYEN PERMETTANT D'EMPECHER  
L'USAGE D'UNE CUVETTE DE W-C.

(71) MAG SOLUTIONS PTY LTD [AU/AU];  
40 Darnley Street, Gordon, NSW 2072 (AU).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) **MCDONALD, Andrew** [AU/AU]; 40 Darnley Street, Gordon, NSW 2072 (AU). **GREVETT, Douglas** [AU/AU]; 40 Darnley Street, Gordon, NSW 2072 (AU). **BROWN, Warwick** [AU/AU]; 114 Capel Street, North Melbourne, VIC 3051 (AU). **MARTIN-UZZO, Stephen** [AU/AU]; 114 Capel Street, North Melbourne, VIC 3051 (AU). **SMITH, Shannon** [AU/AU]; 114 Capel Street, North Melbourne, VIC 3051 (AU).

(74) **F B RICE & CO**; 605 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A47L 5/38

(11) **WO 2005/027704** (13) A1

(21) PCT/KR2004/002398

(22) **18 Sep/sep 2004 (18.09.2004)**

(25) ko (26) en

(30) 20-2003-0029742 **19 Sep/sep 2003** KR (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • STRUCTURE FOR CONNECTING A DUST COLLECTING HOSE OF A CENTRAL VACUUM CLEANING SYSTEM  
• STRUCTURE DE RACCORDEMENT D'UN TUYAU DE COLLECTE DE POUSSIÈRE D'UN SYSTÈME D'ASPIRATION CENTRALISÉE

(71, 72) **KANG, Heung-Mook** [KR/KR]; 63-13, Nonhyeon-dong, Gangnam-gu, Seoul 135-010 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A47L 9/24

(11) **WO 2005/027705** (13) A1

(21) PCT/CA2004/000657

(22) **29 Apr/avr 2004 (29.04.2004)**

(25) en (26) en

(30) 10/665,127 **22 Sep/sep 2003** US (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VACUUM CLEANER CURRENT-CARRYING HOSE CONNECTION SYSTEM  
• SYSTÈME DE RACCORD DE TUYAU PORTEUR DE COURANT D'ASPIRATEUR

(71) **SCOTECH SYSTEMS INC.** [CA/CA]; 4435 Lakelse Avenue, Terrace, British Columbia V8G 1P1 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALTER, Scott** [CA/CA]; 4916 Gair Avenue, Terrace, British Columbia V8G 2K2 (CA). **CARTER, Phillip, N.** [CA/CA]; 19650 55A Avenue, Langley, British Columbia V3A 3X2 (CA). **MADU, Bradley, Ryan** [CA/CA]; 4901 205 A Street, Langley, British Columbia V3A 2A8 (CA).

(74) **KONDOR, George, F. et al.** / etc.; Oyen Wiggs Green & Mutala, Suite 480 - The Station, 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> A47L 13/16, 13/20

(11) **WO 2005/027706** (13) A1

(21) PCT/GB2004/003967

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 0321932.6 **19 Sep/sep 2003** GB (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CLEANING CLOTH  
• LINGETTE DE NETTOYAGE

(71, 72) **HILLTOUT, Alexander, Maurice** [GB/DE]; Romer Strasse 17, D-66540 Neunkirchen (DE).

(72, 75) **HOCKEY-SMITH, William** [GB/GB]; St. Maurs Cottage, Parc Seymour, Penhow, Newport NP26 3AE (GB).

(74) **RATCLIFFE, Susan, Margaret**; Urquhart-Dykes & Lord LLP, Three Trinity Court, 21-27 Newport Road, Cardiff CF24 0AA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A47L 13/58

(11) **WO 2005/027707** (13) A1

(21) PCT/EP2004/009150

(22) **14 Aug/août 2004 (14.08.2004)**

(25) de (26) de

(30) 103 43 324.4 **11 Sep/sep 2003** DE (11.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE FOR WRINGING A WIPING COVERING BY SPINNING

• DISPOSITIF POUR ESSORER UNE TOILE DE NETTOYAGE

(71) **ALFRED KÄRCHER GMBH & CO. KG** [DE/DE]; Alfred-Kärcher-Strasse 28-40, 71364 Winnenden (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEMIRTAS, Yunus** [TR/DE]; Achalmstrasse 28, 70806 Kornwestheim (DE).

(74) **KARRAIS, Martin et al.** / etc.; Hoeger, Stelrecht & Partner, Umlandstrasse 14c, 70182 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A47L 23/26

(11) **WO 2005/027708** (13) A1

(21) PCT/EP2004/010548

- (22) 21 Sep/sep 2004 (21.09.2004)
- (25) de (26) de
- (30) 103 44 235.9 24 Sep/sep 2003 DE (24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • GRID FOR FORMING DOORMATS, FOOTSCRAPERS OR THE LIKE
- GRILLE DESTINEE A FORMER UN PALLASSON, UN ESSUIE-PIEDS OU SIMILAIRES
- (71) ARWEI-BAUZUBEHÖR GmbH [DE/DE]; Duisburgstrasse 4, 57234 Wilnsdorf (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ARENS, Dieter [—/DE]; Ewald-Rüb-samen-Weg 2, 57076 Siegen (DE). SCHMIDT, Markus [DE/DE]; Im Eickhoff 1 a, 21218 Seevetal (DE). GOETZ, Uwe [DE/DE]; Waldstrasse 5, 56479 Lieben-scheid (DE). GRAF, Andreas [DE/DE]; Kreuzbergstrasse 19, 57250 Netphen (DE).
- (74) VALENTIN, Ekkehard; Valentin, Gihске, Grosse, Hammerstrasse 2, 57072 Siegen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B
- (11) WO 2005/027709 (13) A2
- (21) PCT/RU2004/000362
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) ru (26) ru
- (30) 2003128047 19 Sep/sep 2003 RU (19.09.2003)
- (30) 2004114698 17 May/mai 2004 RU (17.05.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR DIAGNOSING A STATE OF A PATIENT ORGANISM HEMODYNAMICS AND SYSTEMIC OXYGEN TRANSPORT (VARIANTS)
- PROCEDE POUR DIAGNOSTIQUER L'HEMODYNAMIQUE ET LE TRANSPORT SYSTEMIQUE D'OXYGENE DANS LE CORPS D'UN PATIENT (ET VARIANTES)
- (71, 72) ANTONOV, Aleksandr Aleksandrovich [RU/RU]; Stary Petrovsko-Razumovskiy proezd, 15/17-26, Moscow, 125083 (RU).
- (74) KONOPLYANNIKOVA, Tatyana Niko-laevna; a/ya 32, Moscow, 121165 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B
- (11) WO 2005/027711 (13) A2
- (21) PCT/US2004/013717
- (22) 3 May/mai 2004 (03.05.2004)
- (25) en (26) en
- (30) 60/466,858 1 May/mai 2003 US (01.05.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CAPSID-MODIFIED ADENOVIRUS VECTORS AND METHODS OF USING THE SAME
- VECTEURS D'ADENOVIRUS A CAPSIDE MODIFIEE ET METHODES D'UTILISATION
- (71) UNIVERSITY OF WASHINGTON [US/US]; UW TechTransfer - Invention Licensing, 4311 - 11th Ave. NE, Suite 500, Campus Box 354990, Seattle, Washington 98105-4608 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LIEBER, Andre [DE/US]; 7251 - 29th Ave. N.E., Seattle, Washington 98115 (US). SHAYAKHMETOV, Dmitry M. [RU/US]; 5209 Russell Ave. N.W., #306, Seattle, Washington 98107 (US).
- (74) SANDBAKEN, Mark G. et al. / etc.; TOWNSEND and TOWNSEND and CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, California 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> A61B
- (11) WO 2005/027712 (13) A2
- (21) PCT/US2004/017308
- (22) 1 Jun/juin 2004 (01.06.2004)
- (25) en (26) en
- (30) 60/475,134 30 May/mai 2003 US (30.05.2003)
- (30) 60/478,624 3 Jun/juin 2003 US (03.06.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHODS OF DIAGNOSING, PROG-NOSING AND TREATING BREAST CANCER
- METHODES DE DIAGNOSTIC, PRO-NOSTIC ET DE TRAITEMENT DU CANCER DU SEIN
- (71) TEMPLE UNIVERSITY - OF THE COM-MONWEALTH SYSTEM OF HIGHER EDUCATION [US/US]; Broad Street and Montgomery Avenue, Philadelphia, PA 19122 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GIORDANO, Antonio [US/US]; 1230 Gulph Creek Drive, Radnor, PA 19087 (US).

(74) **MONACO, Daniel, A.**; Drinker Biddle & Reath LLP, One Logan Square, 18th and Cherry Streets, Philadelphia, PA 19103-6996 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

(11) **WO 2005/027713** (13) A2

(21) PCT/US2004/020223

(22) **25 Jun/juin 2004 (25.06.2004)**

(25) en (26) en

(30) 60/482,399 **25 Jun/juin 2003** US (25.06.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPOSITIONS, SPLICE VARIANTS AND METHODS RELATING TO COLON SPECIFIC GENES AND PROTEINS

• COMPOSITIONS, VARIANTS D'ÉPISSAGE ET METHODES CONCERNANT DES GENES ET DES PROTEINES SPECIFIQUES DU COLON

(71) **DIADEXUS, INC.** [US/US]; 343 Oyster Point Boulevard, South San Francisco, CA 94080 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TURNER, Leah, R.** [US/US]; 939 Rosette Court, Sunnyvale, CA 94086 (US). **CHEN, Hwei-Mei** [US/US]; 101 Lockwood Lane, Pleasant Hill, CA 94523 (US). **MACINA, Roberto, A.** [AR/US]; 4118 Crescendo Avenue, San Jose, CA 95136 (US).

(74) **LICATA, Jane, Massey et al.** / etc.; Licata & Tyrrell P.C., 66 East Main Street, Marlton, NJ 08053 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

(11) **WO 2005/027714** (13) A2

(21) PCT/US2004/022025

(22) **8 Jul/juil 2004 (08.07.2004)**

(25) en (26) en

(30) 60/486,605 **12 Jul/juil 2003** US (12.07.2003)

(30) 60/571,479 **13 May/mai 2004** US (13.05.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SENSITIVE AND RAPID BIODETECTION

• BIODETECTION SENSIBLE ET RAPIDE

(71) **ACCELR8 TECHNOLOGY CORPORATION** [US/US]; 303 East 17th Street, Suite 108, Denver, CO 80203 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOLDBERG, David, A.** [US/US]; 4055 Pinon Drive, Boulder, CO 80303 (US). **HOWSON, David, C.** [US/US]; 253 Adams Street, Denver, CO 80206 (US). **METZGER, Steven, W.** [US/US]; 1640 W. 130th Court, Westminster, CO 802346 (US). **BUTTRY, Daniel, A.** [US/US]; 1305 East Custer Street, Laramie, WY 82070 (US). **SAAVEDRA, Steven, Scott** [US/US]; 8835 East Calle Bogota, Tucson, AZ 85715 (US).

(74) **KOVARIK, Joseph, E. et al.** / etc.; Sheridan Ross P.C., 1560 Broadway, Suite 1200, Denver, CO 80202-5141 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

(11) **WO 2005/027715** (13) A2

(21) PCT/US2004/023882

(22) **23 Jul/juil 2004 (23.07.2004)**

(25) en (26) en

(30) 60/490,035 **25 Jul/juil 2003** US (25.07.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CRYSTALS AND STRUCTURES OF SARS-CoV MAIN PROTEASE

• CRISTAUX ET STRUCTURES DE PROTÉASE PRINCIPALE SRAS-COV

(71) **STRUCTURAL GENOMIX, INC.** [US/US]; 10505 Roselle Street, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BONANNO, Jeffrey, B.** [US/US]; 11304 Meadow Flower Place, San Diego, CA 92127 (US). **SAUDER, J., Michael** [US/US]; 1035 Lands End Ct., Carlsbad, CA 92009 (US). **FOWLER, Richard** [US/US]; 4766 Renovo Way, San Diego, CA 92124 (US). **ROMERO, Richard** [US/US]; 13086 Calle de los Ninos, San Diego, CA 92129 (US).

(74) **LAU, Kawai et al.** / etc.; Townsend and Townsend And Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

(11) **WO 2005/027716** (13) A2

(21) PCT/US2004/029629

(22) **10 Sep/sep 2004 (10.09.2004)**

(25) en (26) en

(30) 60/502,807 **12 Sep/sep 2003** US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROGRAM FOR REGULATING HEALTH CONDITIONS

• PROGRAMME DE REGULATION D'ÉTATS DE SANTÉ

(71) **ACCESS BUSINESS GROUP INTERNATIONAL LLC** [US/US]; 7575 Fulton Street East, Ada, MI 49355 (US). **INTERLEUKIN GENETICS INC.** [US/US]; 135 Beaver Street, Third Floor, Waltham, MA 02459 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KREMPIN, David, W.** [US/US]; 30150 Corte Cantera, Temecula, CA 92591 (US). **KORNMAN, Kenneth, S.** [US/US]; 920 Centre Street, Newton, MA 02459 (US). **RANDOLPH, Russell, K.** [US/US]; 6909 E. Shorecrest Drive, Anaheim, CA 92807 (US). **ROH-SCHMIDT, Haeri** [KR/US]; 3537 Morningside Drive, Stockton, CA 95219 (US).

(74) **AHN, Amy**; Alticor Inc., 7575 Fulton Street East 78-2G, Ada, MI 49355 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

- (11) WO 2005/027717 (13) A2
- (21) PCT/US2004/029711
- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) en (26) en
- (30) 60/502,483 12 Sep/sep 2003 US (12.09.2003)
- (30) 60/580,166 16 Jun/juin 2004 US (16.06.2004)
- (30) 60/587,652 14 Jul/juil 2004 US (14.07.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • BIOIMPEDANCE METHODS AND APPARATUS  
• METHODES ET APPAREIL DE BIOIMPEDANCE

- (71) RENAL RESEARCH INSTITUTE, LLC [US/US]; 207 East 94th Street, Suite 303, New York, NY 10128 (US).  
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) LEVIN, Nathan, W. [US/US]; 200 East 89th Street, Apartment 17B, New York, NY 10128 (US). ZHU, Fansan [CN/US]; 43-73 Union Street, Apartment 4D, Flushing, NY 11355 (US).

- (74) KLEE, Maurice, M.; Attorney at Law, 1951 Burr Street, Fairfield, CT 06824 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61B

- (11) WO 2005/027718 (13) A2
- (21) PCT/US2004/029917
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 10/662,729 15 Sep/sep 2003 US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND APPARATUS FOR MEASURING BLADDER ELECTRICAL ACTIVITY TO DIAGNOSE BLADDER DYSFUNCTION  
• PROCEDE ET DISPOSITIF DE MESURE DE L'ACTIVITE ELECTRIQUE DE LA VESSIE AFIN DE DIAGNOSTIQUER UN DYSFONCTIONNEMENT DE LA VESSIE

- (71, 72) BERGER, Yitzhak [US/US]; 465 Overhill Road, South Orange, NJ 07079 (US). BALDAR, Isaac [US/US]; 24 Goodhart Drive, Livingston, NJ, 07039 (US).

- (74) EPSTEIN, Robert, L.; Epstein Drangel Bazerman & James, LLP, 60 East 42nd Street, Suite 820, New York, NY 10165 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :  
(u) for / pour US only / seulement

(51)<sup>7</sup> A61B

- (11) WO 2005/027719 (13) A2
- (21) PCT/US2004/029921
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 60/502,864 12 Sep/sep 2003 US (12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHODS AND SYSTEMS FOR IDENTIFYING PREDISPOSITION TO THE PLACEBO EFFECT  
• METHODES ET SYSTEMES PERMETTANT D'IDENTIFIER UNE PREDISPOSITION A L'EFFET PLACEBO

- (71) PERLEGEN SCIENCES, INC. [US/US]; 2021 Stierlin Court, Mountain View, CA 94043 (US).  
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MARGUS, Bradley, A. [US/US]; 21645 Cartagena Drive, Boca Raton, FL 33428 (US). COX, David, A. [US/US]; 2743 Hallmark Drive, Belmont, CA 94002 (US). HSU, Jesse [US/US]; 200 Baltic Circle #234, Redwood City, CA 94065 (US).

- (74) ARNOLD, Deana, A., Ph.D.; Perlegen Sciences, Inc., 2021 Stierlin Court, Mountain View, CA 94043 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

- (11) WO 2005/027720 (13) A2
- (21) PCT/US2004/030045
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 60/502,764 12 Sep/sep 2003 US (12.09.2003)
- (30) 60/510,013 9 Oct/oct 2003 US (09.10.2003)
- (30) 60/555,280 22 Mar/mar 2004 US (22.03.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND APPARATUS FOR MEASURING HEART RELATED PARAMETERS  
• PROCEDES ET APPAREIL POUR LA MESURE DE PARAMETRES CARDIAQUES

- (71) BODYMEDIA, INC. [US/US]; 4 Smithfield Street, Suite 1200, Pittsburgh, PA 15222 (US).  
(for all designated States except / pour tous les États désignés sauf US)

- (72) FARRINGDON, Jonathan; 5567 Hobart Street, 3rd Floor, Pittsburgh, PA 15217 (US). STIVORIC, John, M.; 1411 Hawthorne Street, Pittsburgh, PA 15201 (US). TELLER, Eric; 5857 Douglas Street, Pittsburgh, PA 15217 (US). ANDRE, David; 3565 Gerber Avenue, Pittsburgh, PA 15212 (US). BOEHMKE, Scott, K.; 10015 Pine Ridge Drive, Pittsburgh, PA 15090 (US). GASBARRO, James; 321 Olde Chapel Trail, Fox Chapel, PA 15238 (US). KOVACS, Gregory; 4174 King Arthur Court, Palo Alto, CA 94306 (US). PELLETIER, Raymond; 1617 El Paso Street, Pittsburgh, PA 15206 (US). KASABACH, Christopher; 5890 Hobart Street, Pittsburgh, PA 15217 (US).

- (74) **FRIEDMAN, Barry, I.** et al. / etc.; Metz Lewis LLC, 11 Stanwix Street, 18th Floor, Pittsburgh, PA 15222 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :**  
*(s) for all designations / pour toutes les désignations*  
*(t) for all designations / pour toutes les désignations*
- 
- (51)<sup>7</sup> **A61B**  
 (11) **WO 2005/027721** (13) A2  
 (21) PCT/US2004/030174  
 (22) **15 Sep/sep 2004 (15.09.2004)**  
 (25) en (26) en  
 (30) 10/664,273 **16 Sep/sep 2003** US  
 (16.09.2003)  
 (30) 10/861,757 **4 Jun/juin 2004** US  
 (04.06.2004)  
 (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **SURGICAL CLAMP INSERTS WITH HOOKED TRACTION ELEMENTS**  
 • **PIECES DE CLAMP CHIRURGICAL COMPRENANT DES ELEMENTS DE TRACTION A CROCHETS**
- (71) **NOVARE SURGICAL SYSTEMS, INC.** [US/US]; 10440A Bubb Road, Cupertino, CA 95014 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DANITZ, David, J.** [US/US]; 5030 New Trier Avenue, San Jose, CA 95136 (US). **HERMANN, George, D.** [US/US]; 2460 Sentry Drive #4, Anchorage, AL 99507 (US). **STURTZ, Karrie, L.** [US/US]; 402 Union Avenue #C, Campbell, CA 95008 (US).
- (74) **KING, Cameron, A.** et al. / etc.; Morrison & Foerster LLP, 425 Market Street, San Francisco, CA 94105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61B**  
 (11) **WO 2005/027722** (13) A2  
 (21) PCT/US2004/030182  
 (22) **16 Sep/sep 2004 (16.09.2004)**  
 (25) en (26) en  
 (30) 60/503,642 **17 Sep/sep 2003** US  
 (17.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **BACTERIA RESISTANT COATING FOR SURGICAL INSTRUMENT**  
 • **REVETEMENT RESISTANT AUX BACTERIES POUR INSTRUMENT CHIRURGICAL**
- (71) **MINNESOTA SCIENTIFIC, INC.** [US/US]; 4849 White Bear Parkway, St. Paul, MN 55110-3325 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **SHARRATT, Todd, W.**; 129 Liberty Parkway, Stillwater, MN 55082 (US).
- (74) **SAWICKI, Z. Peter.** et al. / etc.; Westman, Champlin & Kelly, P.A., Suite 1600 - International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61B**  
 (11) **WO 2005/027723** (13) A2  
 (21) PCT/US2004/030209  
 (22) **15 Sep/sep 2004 (15.09.2004)**  
 (25) en (26) en  
 (30) 60/503,353 **16 Sep/sep 2003** US  
 (16.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **REAL TIME ASSAY FOR ROTAVIRUS**  
 • **ESSAI EN TEMPS REEL DE DETECTION DE ROTAVIRUS**
- (71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **IP, Charlotte** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61B**  
 (11) **WO 2005/027724** (13) A2  
 (21) PCT/US2004/030413  
 (22) **16 Sep/sep 2004 (16.09.2004)**  
 (25) en (26) en  
 (30) 10/663,263 **16 Sep/sep 2003** US  
 (16.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **COMBINATION BONE FIXATION/IMMOBILIZATION APPARATUS**  
 • **APPAREIL COMBINE DE FIXATION/IMMOBILISATION OSSEUSE**
- (71) **EZ CONCEPTS SURGICAL DEVICE CORPORATION** [US/US]; 2100 Bambacus Road, Richmond, VA 23229 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **GRANT, William, Peter**; 1224 Barn Brook, Virginia Beach, VA 23454 (US). **RUBIN, Laurence, Glenn**; 3803 Hackamore Lane, Richmond, VA 23233 (US). **COOK, Steve**; 2100 Bambacus Road, Richmond, VA 23229 (US). **PUPP, Guy**; 1409 Cedarbend Drive, Bloomfield Hills, MI 48302 (US).
- (74) **THOMAS, John, H.**; John H. Thomas, P.C., 536 Granite Avenue, Richmond, VA 23226 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61B**  
 (11) **WO 2005/027725** (13) A2  
 (21) PCT/US2004/030522  
 (22) **17 Sep/sep 2004 (17.09.2004)**  
 (25) en (26) en  
 (30) 10/665,883 **19 Sep/sep 2003** US  
 (19.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **DETERMINATION OF IONS USING ION-SENSITIVE ENZYMES**  
 • **DETERMINATION D'IONS AU MOYEN D'ENZYMES SENSIBLES AUX IONS**



(71) **GENERAL ATOMICS** [US/US]; 3550 General Atomics Court, P.O. Box 85608, San Diego, CA 92186-5608 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **YUAN, Chong-Sheng** [US/US]; 3550 General Atomics Court, P.O. Box 85608, San Diego, CA 92186-5608 (US).

(74) **HILL, Laurie, L., Ph.D.**, et al. / etc.; Morrison & Foerster LLP, 3811 Valley Centre Drive, Suite 500, San Diego, CA 92130-2332 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61B**

(11) **WO 2005/027726** (13) A2

(21) PCT/US2004/030523

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 60/503,944 **18 Sep/sep 2003** US (18.09.2003)

(30) 60/519,202 **12 Nov/nov 2003** US (12.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **SURGICAL RETRACTOR WITH REMOVABLE SCISSOR ARMS**  
• **ECARTEUR CHIRURGICAL A BRASCISEAUX AMOVIBLES**

(71) **HOWMEDICA OSTEONICS CORP.** [US/US]; 325 Corporate Drive, Mahwah, NJ 07430 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72) **ABDELGANY, Mahmoud, F.**; 40 Fleetwood Drive, Rockaway, NJ 07866 (US).

(74) **CAPLOON, Konstantin, A.** et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61B**

(11) **WO 2005/027727** (13) A2

(21) PCT/US2004/030529

(22) **20 Sep/sep 2004 (20.09.2004)**

(25) en (26) en

(30) 60/504,117 **19 Sep/sep 2003** US (19.09.2003)

(30) 60/580,814 **18 Jun/juin 2004** US (18.06.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **USE OF PIN1 INHIBITORS FOR TREATMENT OF CANCER**

• **UTILISATION D'INHIBITEURS DE PIN1 DANS LE TRAITEMENT DU CANCER**

(71) **BETH ISRAEL DEACONESS MEDICAL CENTER** [US/US]; 330 Brookline Avenue, Boston, MA 02215 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LU, Kun, Ping** [CN/US]; 68 Maplewood Avenue, Newton, MA 02459 (US).  
**SOWADSKI, Janusz, M.** [US/US]; 31 Rutland Square, Boston, MA 02118-3105 (US).

(74) **KANIK, Cynthia, L.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61B**

(11) **WO 2005/027728** (13) A2

(21) PCT/US2004/030536

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 60/503,458 **17 Sep/sep 2003** US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **SYSTEM AND METHOD FOR CREATING LINEAR AND NON-LINEAR TRENCHES IN SILICON AND OTHER CRYSTALLINE MATERIALS WITH A ROUTER**

• **SYSTEME ET PROCEDE DE CREATION DE TRANCHEES LINEAIRES ET NON LINEAIRES DANS DES MATERIAUX AU SILICIUM ET AUTRES MATERIAUX CRISTALLINS AU MOYEN D'UNE TOUPIE**

(71) **BECTON, DICKINSON AND COMPANY** [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DASKAL, Vadim, M.** [US/US]; 27 Church Lane, Watertown, MA 02472 (US).  
**KEENAN, Joseph, F.** [US/US]; 115 Doane Street, Cohasset, MA 02025 (US).  
**HUGHES, James, J.** [—/US]; 37 Summer Hill Road, Dracut, MA 01826 (US).

(74) **HOLMES, John** et al. / etc.; Roylance, Abrams Berdo & Goodman, L.L.P., 1300 19th Street, N.W., Suite 600, Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61B**

(11) **WO 2005/027729** (13) A2

(21) PCT/US2004/030550

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 60/503,459 **17 Sep/sep 2003** US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **SILICON BLADES FOR SURGICAL AND NON-SURGICAL USE**  
• **LAMES DE SILICIUM POUR UTILISATION CHIRURGICALE ET NON CHIRURGICALE**

(71) **BECTON, DICKINSON AND COMPANY** [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DASKAL, Vadim, M.** [US/US]; 27 Church Lane, Watertown, MA 02472 (US).  
**KEENAN, Joseph, F.** [US/US]; 115 Doane Street, Cohasset, MA 02025 (US).  
**HUGHES, James, J.** [—/US]; 37 Summer Hill Road, Dracut, MA 01826 (US).  
**KISS, Attila, N.** [—/US]; 113A Marblehead Street, North Andover, MA 01845 (US).  
**CHAVEZ, Susan, M.** [—/US]; 197 Mill Street, Lancaster, MA 01523 (US).

(74) **HOLMES, John** et al. / etc.; Roylance, Abrams Berdo & Goodman, L.L.P., 1300 19th Street, N.W., Suite 600, Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2005/027730 (13) A2

(21) PCT/US2004/030623

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,513 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FLUORESCENCE POLARIZATION IMAGING DEVICES AND METHODS  
• DISPOSITIFS ET PROCÉDES D'IMAGERIE PAR POLARISATION DE FLUORESCENCE

(71) THE GENERAL HOSPITAL CORPORATION [US/US]; 55 Fruit Street, Boston, MA 02114 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAROSLAVSKY, Anna, M. [RU/US]; Wellman Laboratories of Photomedicine, Department of Dermatology, 55 Fruit Street, BHX 630, Boston, MA 02114 (US). ANDERSON, Richard, R. [—/US]; Wellman Laboratories of Photomedicine, Department of Dermatology, 55 Fruit Street, BHX 630, Boston, MA 02114 (US).

(74) LEAHY, Amy, M.; Edwards & Angell, LLP, P.O. Box 55874, Boston, MA 02205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2005/027731 (13) A2

(21) PCT/US2004/030644

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,530 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BIAGNOSTIC SYSTEM FOR OTOLARYNGOLOGIC PATHOGENS AND USE THEREOF

• SYSTEME DIAGNOSTIQUE POUR DES AGENTS PATHOGENES OTO-RHINO-LARYNGOLOGIQUES ET SON UTILISATION

(71) UNIVERSITY OF ROCHESTER [US/US]; 518 Hylan Building, Rochester, NY 14627 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MILLER, Benjamin, L. [US/US]; 17 Rolling Meadows Way, Penfield, NY 14526 (US). HORNER, Scott, R. [US/US]; 127 Merriman Street, Rochester, NY 14607 (US). ROTHBERG, Lewis, J. [US/US]; 8 Old Farm Circle, Pittsford, NY 14534 (US). TAGHIZADEH, Farhan [US/US]; 23 Highland Avenue, Rochester, NY 14620 (US).

(74) MERKEL, Edwin, V. et al. / etc.; Nixon Peabody LLP, Clinton Square, P.O. Box 31051, Rochester, NY 14603-1051 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2005/027732 (13) A2

(21) PCT/US2004/030718

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/503,916 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR BONE STRUCTURE PROGNOSIS AND SIMULATED BONE REMODELING

• PROCÉDE DE PRONOSTIC DE STRUCTURE OSSEUSE ET DE REMODELAGE OSSEUX SIMULE

(71) IMAGING THERAPEUTICS, INC. [US/US]; 323C Vintage Park Drive, Foster City, CA 94404 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIEW, Siau-Way [MY/US]; 901 Sunnyview Drive, Pinole, California 94564 (US). VARGAS-VORACEK, Rene [BO/US]; 124 Piedra Drive, Sunnyvale, California 94086 (US). LANG, Philipp [DE/US]; 7 Fair Oaks Terrace, Lexington, Massachusetts 02421 (US). ARNAUD, Claude D. [US/US]; 1 Starboard Court, Mill Valley, California 94941 (US). STEINES, Daniel [DE/US]; 3619 Park Boulevard, Palo Alto, California 94306 (US). LINDER, Barry J. [US/US]; 29 Bluehaven Court, Danville, California 94506 (US).

(74) PASTERNAK?, Dahna S.? et al. / etc.; ROBINS & PASTERNAK LLP, 1731 Embarcadero Road, Suite 230, Palo Alto, ca 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2005/027733 (13) A2

(21) PCT/US2004/030757

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,468 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BIOLOGICAL MARKERS FOR DIAGNOSING MULTIPLE SCLEROSIS

• MARQUEURS BIOLOGIQUES DESTINES AU DIAGNOSTIC DE LA SCLÉROSE EN PLAQUES

(71) SURROMED, INC. [US/US]; 1430 O'Brien Dr., Suite A, Menlo Park, CA 94025 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANTOR, Aaron B. [US/US]; 30 LaBarthe Lane, San Carlos, California 94070 (US). BECKER, Christopher H. [US/US]; 3404 Bryant St., Palo Alto, California 94306 (US).

(74) SWANSON AND BRATSCHUN LLC et al. / etc.; 1745 Shea Center Drive, Suite 330, Highlands Ranch, Colorado 80129 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2005/027734 (13) A2

(21) PCT/US2004/030771

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,333 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR TREATING DISEASED OR FRACTURED BONE

• PROCÉDE ET APPAREIL DE TRAITEMENT DE LÉSIONS OU DE FRACTURES OSSEUSES

(71) SYNECOR, LLC [US/US]; 3908 Patriot Drive, Suite 170, Durham, NC 27703 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILLIAMS, Michael, S.** [US/US]; 6973 St. Helena Road, Santa Rosa, CA 95404 (US). **SMITH, Jeffery, A.** [US/US]; 1630 Los Olivos Road, Santa Rosa, CA 95404 (US). **STACK, Richard, S.** [US/US]; 109 Alder Place, Chapel Hill, NC 27516 (US). **HOLBROOK, Kevin, D.** [US/US]; 462 Muscat Drive, Cloverdale, CA 95425 (US). **GLENN, Richard, A.** [US/US]; 1519 Branch Owl Place, Santa Rosa, CA 95409 (US).

(74) **SHIRLEY, Deanna, J.**; 3418 Baldwin Way, Santa Rosa, CA 95403 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A61B

(11) **WO 2005/027735** (13) A2

(21) PCT/US2004/030798

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 60/504,532 **19 Sep/sep 2003** US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPARATUS AND METHOD FOR ENHANCING BONE FORMATION  
• APPAREIL ET METHODE D'AMELIORATION DE LA FORMATION OSSEUSE

(71) **ADVANCED RESEARCH AND TECHNOLOGY INSTITUTE, INC.** [US/US]; 351 W. 10th Street, Indianapolis, IN 46202 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOKOTA, Hiroki** [US/US]; 1434 Carey Court, Carmel, IN 46032 (US). **TANAKA, Shigeo** [JP/JP]; 2-7-20 Wakunami, Wakunamicho-Syukusha A-17, Kanazawa, Ishikawa 920-0953 (JP). **SUN, Hui, Bin** [CN/US]; 1567 Lexington Avenue, Apt.25, New York, NY 10029 (US).

(74) **ADDISON, Bradford, G.**; Barnes & Thornburg LLP, 11 South Meridian Street, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

(11) **WO 2005/027736** (13) A2

(21) PCT/US2004/031039

(22) **15 Sep/sep 2004 (15.09.2004)**

(25) en (26) en

(30) 60/503,416 **15 Sep/sep 2003** US  
(15.09.2003)

(30) Not furnished / **14 Sep/sep 2004** US  
non communiqué (14.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICES AND METHODS FOR FORMING MAGNETIC ANASTOMOSES BETWEEN VESSELS

• DISPOSITIFS ET PROCÉDES DE FORMATION D'ANASTOMOSES MAGNETIQUES ENTRE DES VAISSEAUX

(71) **VENTRICA, INC.** [US/US]; P.O. Box 2367, Menlo Park, CA 94026 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COLE, David H.** [US/US]; 1550 Lago Street, San Mateo, CA 94403 (US). **GITTINGS, Darin C.** [US/US]; 520 South Bayview Avenue, Sunnyvale, CA 94086 (US). **CARSON, Dean F.** [US/US]; 1652 Yale Drive, Mountain View, CA 94040 (US).

(74) **HOEKENDIJK, Jens E.**; 601 Gateway Boulevard, Suite 780, South San Francisco, CA 94080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B 1/00

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(21) PCT/JP2004/013294

(22) **7 Sep/sep 2004 (07.09.2004)**

(25) ja (26) ja

(30) 2003-326511 **18 Sep/sep 2003** JP  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ENERGY SUPPLY COIL AND RADIO SYSTEM FOR ACQUIRING INFORMATION IN OBJECT USING IT

• BOBINE D'ALIMENTATION, SYSTEME RADIO D'ACQUISITION D'INFORMATIONS DANS L'OBJET L'UTILISANT

(71) **OLYMPUS CORPORATION** [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).

(72) **NAKAMURA, Tsutomu**; 9404-5, Minamiminowamura, Kamiina-gun, Nagano 399-4511 (JP). **YOSHIZAWA, Fukashi**; 2329-10, Ina, Ina-shi, Nagano 396-0021 (JP). **MATSUMOTO, Kazuya**; 9404-3, Minamiminowamura, Kamiina-gun, Nagano 399-4511 (JP). **SHIMIZU, Hatsuo**; 919-66, Utsukicho, Hachioji-shi, Tokyo 192-0024 (JP).

(74) **SAKAI, Hiroaki**; Sakai International Patent Office, Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B 1/00

(11) **WO 2005/027738** (13) A1

(21) PCT/JP2004/013504

(22) **16 Sep/sep 2004 (16.09.2004)**

(25) ja (26) ja

(30) 2003-328939 **19 Sep/sep 2003** JP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ENDOSCOPE

• ENDOSCOPE

(71) **OLYMPUS CORPORATION** [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo, 1510072 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYOSHI, Hiroaki** [JP/JP]; c/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo, 1510072 (JP).

(74) **ITOH, Susumu**; Musashi Bldg., 4-4, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo, 1600023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B 1/00

(11) WO 2005/027739 (13) A1

(21) PCT/JP2004/013699

(22) 13 Sep/sep 2004 (13.09.2004)

(25) ja (26) ja

(30) 2003-324579 17 Sep/sep 2003 JP  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMAGING DEVICE AND ENDOSCOPE HAVING DISTANCE IMAGE MEASURING FUNCTION

• DISPOSITIF IMAGEUR ET ENDOSCOPE DOTÉS D'UNE FONCTION DE MESURE D'UNE IMAGE DE DISTANCE

(71, 72) KAWAHITO, Shoji [JP/JP]; 22-12, Hirosawa 1-chome, Hamamatsu-shi, Shizuoka 432-8013 (JP). TERAOKA, Susumu [JP/JP]; 45-6, Handayama 3-chome, Hamamatsu-shi, Shizuoka 431-3125 (JP). ABE, Keiichi [JP/JP]; 25-12, Yamatecho, Hamamatsu-shi, Shizuoka 432-8022 (JP).

(74) UMEMURA, Tsuyuki; 7-39, Hakusan 1-chome, Toride-shi, Ibaraki 302-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A61B 1/07, 1/015, A61M 1/00

(11) WO 2005/027740 (13) A1

(21) PCT/NZ2004/000229

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 528435 23 Sep/sep 2003 NZ  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SURGICAL INSTRUMENT

• INSTRUMENT CHIRURGICAL

(71, 72) HEYNEN, Garry [NZ/NZ]; Level 3, 90 Greenlane Road East, Remuera, Auckland (NZ).

(74) ADAMS, Matthew, D et al. / etc.; A J Park, 6th Floor Huddart Parker Building, PO Box 949, Wellington, 6015 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B 3/107, 3/103

(11) WO 2005/027741 (13) A1

(21) PCT/EP2004/009921

(22) 6 Sep/sep 2004 (06.09.2004)

(25) de (26) de

(30) 103 42 175.0 12 Sep/sep 2003 DE  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE AND METHOD FOR MEASURING THE SURFACE TOMOGRAPHY AND WAVE ABERRATION OF A LENS SYSTEM, PARTICULARLY AN EYE

• DISPOSITIF ET PROCÉDE POUR MESURER LA TOPOGRAPHIE SUPERFICIELLE ET L'ABERRATION D'ONDE D'UN SYSTÈME À LENTILLE, NOTAMMENT D'UN OŒIL

(71) OPTOCRAFT GMBH [DE/DE]; Am Weichselgarten 7, 91098 Erlangen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEYERLEIN, Mathias [DE/DE]; Hofmannstr. 118, 91052 Erlangen (DE). PFUND, Johannes [DE/DE]; Kilianstrasse 166, 90425 Nürnberg (DE).

(74) TERGAU &amp; POHL; Zusammenschluss-Nr. 101490, Mögeldorf Hauptstrasse 51, 90482 Nürnberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 60/504,999 22 Sep/sep 2003 US  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SPORTCARE SET-TOP-BOX MONITORING SYSTEM

• SYSTÈME DE SURVEILLANCE DE LA PRATIQUE SPORTIVE POURVU D'UN RECEPTEUR-DECODEUR

(71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(71) U.S. PHILIPS CORPORATION [US/US]; 1251 Avenue of the Americas, New York, NY 10020 (US).

(only for / seulement pour AE)

(72, 75) GUILLORIT, Fabien, M.J. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(74) KONINKLIJKE PHILIPS ELECTRONICS, N.V.; c/o HALAJIAN, Dieran P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61B 5/00

(11) WO 2005/027743 (13) A1

(21) PCT/IB2004/051816

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 60/504,998 22 Sep/sep 2003 US  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HEALTHCARE SET-TOP-BOX MONITORING SYSTEM

• SYSTÈME DE SURVEILLANCE DE SOINS DE SANTÉ POURVU D'UN RECEPTEUR-DECODEUR

(71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(71) U.S. PHILIPS CORPORATION [US/US]; 1251 Avenue of the Americas, New York, New York 10020 (US).

(only for / seulement pour AE)

(72, 75) **GUILLOT, Fabien, M.J.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(74) **KONINKLIJKE PHILIPS ELECTRONICS, N.V.**; c/o HALAJIAN, Dicran P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> **A61B 5/00**

(11) **WO 2005/027744** (13) A1

(21) PCT/US2003/014798

(22) **9 May/mai 2003 (09.05.2003)**

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BREAST SELF-EXAMINATION ALARM AND DATA LOGGING APPARATUS  
• SYSTEME D'ENREGISTREMENT DE DONNEES ET D'ALERTE LORS D'UN AUTO-EXAMEN DES SEINS

(71, 72) **COLLINS, Sheila, D.** [US/US]; 673 Maple Hill Road, Plainfield, VT 05667 (US).

(74) **GOLDSTEIN, Richard, W.**; 2071 Clove Road, Suite 204, Staten Island, NY 10304 (US).

(81) AL AU BB BG BR CA CN CZ EE GE HU IL IS JP KP KR LK LR LS LT LV MD MG MK MN MX NO NZ PL RO SG SK TR TT UA UZ VN.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61B 5/107, 17/58**

(11) **WO 2005/027745** (13) A1

(21) PCT/CH2003/000635

(22) **23 Sep/sep 2003 (23.09.2003)**

(25) de (26) de

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE FOR MEASURING LENGTH AND DEPTH  
• DISPOSITIF SERVANT A EFFECTUER DES MESURES DE LONGUEUR ET DE PROFONDEUR

(71) **SYNTHESE AG CHUR [CH/CH]**; Grabenstrasse 15, CH-7002 Chur (CH).  
(for all designated States except / pour tous les États désignés sauf CA US)

(71) **SYNTHESE (U.S.A.) [US/US]**; 1690 Russell Road, P.O. Box 1766, Poali, PA 19301-1222 (US).  
(only for / seulement pour CA)

(72, 75) **RUPP, Stephan [CH/CH]**; Hauptstrasse 14B, CH-7240 Küblis (CH).

(74) **LUSUARDI, Werther**; Dr. Lusuardi AG, Kreuzbühlstrasse 8, CH-8008 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61B 5/145**

(11) **WO 2005/027746** (13) A1

(21) PCT/JP2004/014321

(22) **22 Sep/sep 2004 (22.09.2004)**

(25) ja (26) ja

(30) 2003-329677 **22 Sep/sep 2003 (22.09.2003)** JP

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF MEASURING GLUCOSE CONCENTRATION AND GLUCOSE CONCENTRATION MEASURING APPARATUS

• METHODE DE MESURE DE LA CONCENTRATION DE GLUCOSE ET APPAREIL DE MESURE DE LA CONCENTRATION DE GLUCOSE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]**; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIOI, MasahikoUCHIDA, ShinjiOOSHIMA, Kiyoko**

(74) **MAEDA, Hiroshi et al. / etc.**; Osaka marubeni Bldg., 5-7, hommachi 2-chome, Chuo-ku, Osaka-shi, Osaka, 5410053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61B 8/00**

(11) **WO 2005/027747** (13) A1

(21) PCT/JP2004/014293

(22) **22 Sep/sep 2004 (22.09.2004)**

(25) ja (26) ja

(30) 2003-331961 **24 Sep/sep 2003 (24.09.2003)** JP

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ULTRASONIC DIAGNOSIS APPARATUS  
• APPAREIL DE DIAGNOSTIC A ULTRASONS

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]**; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUKUKITA, Hiroshi**

(74) **IKEUCHI SATO & PARTNER PATENT ATTORNEYS**; 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 5306026 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61B 10/00**

(11) **WO 2005/027748** (13) A1

(21) PCT/JP2004/013562

(22) **16 Sep/sep 2004 (16.09.2004)**

(25) ja (26) ja

(30) 2003-325191 **17 Sep/sep 2003 (17.09.2003)** JP

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TISSUE DRILLING TOOL AND BIOPSY SYSTEM  
• OUTIL DE FORAGE TISSULAIRE ET SYSTEME DE BIOPSIE

(71) **KEIO UNIVERSITY [JP/JP]**; 15-45, Mita 2-chome, Minato-ku, Tokyo 1080073 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IZUMI, Yotaro** [JP/JP]; c/o Keio University School of Medicine, 35, Shinano-machi, Shinjuku-ku, Tokyo 1608582 (JP). **KAWAMURA, Masafumi** [JP/JP]; c/o Keio University School of Medicine, 35, Shinano-machi, Shinjuku-ku, Tokyo 1608582 (JP). **KOBAYASHI, Koichi** [JP/JP]; c/o Keio University School of Medicine, 35, Shinano-machi, Shinjuku-ku, Tokyo 1608582 (JP). **NAKATSUKA, Seishi** [JP/JP]; c/o Keio University School of Medicine, 35, Shinano-machi, Shinjuku-ku, Tokyo 1608582 (JP). **NAKANO, Keiko** [JP/JP]; c/o Keio University School of Medicine, 35, Shinano-machi, Shinjuku-ku, Tokyo 1608582 (JP).

(74) **ISSHIKI & CO.**; Rookin-Shinbashi Bldg., 12-7, Shinbashi 2-chome, Minato-ku, Tokyo 1050004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B 17/00

(11) WO 2005/027749 (13) A2

(21) PCT/GB2004/003885

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 0321987.0 19 Sep/sep 2003 GB (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FRACTURE REDUCTION APPARATUS  
• APPAREIL DE REDUCTION DE FRACTURE

(71) **BARTS AND THE LONDON NHS TRUST** [GB/GB]; R & D Office, 4th Floor, Alexandra House, The Royal London Hospital, Whitechapel, London E1 1BB (GB).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PERSAD, Ramkumair** [GB/GB]; 51 Byrne Drive, Southend-on-Sea, Essex SS2 6SD (GB).

(74) **RAYNOR, John**; Beck Greener, Fulwood House, 12 Fulwood Place, London WC1V 6HR (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B 17/00, 17/11

(11) WO 2005/027750 (13) A1

(21) PCT/IL2003/000773

(22) 25 Sep/sep 2003 (25.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SNARE FOR BLOOD VESSELS USED IN ANASTOMOTIC PROCEDURES  
• ANSE POUR VAISSEAUX SANGUINS UTILISEE DANS DES PROCEDURES ANASTOMOTIQUES

(71) **BY-PASS, INC.** [US/US]; 40 Ramland Road, Orangeburg, NY 10962 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOSHAKOVE, Amir** [IL/IL]; P.O. BOX 378, 60944 Moshav-Bazra (IL). **KILEMNIK, Ido** [IL/IL]; 35 Nordau Street, 46585 Herzelia (IL). **NATIV, Ofer** [IL/IL]; 11 Hamaayan Street, 75210 Rishon-Lezion (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster & Company, Intellectual Property 2002 LTD., P. O. Box 10256, 49002 Petach Tikva (IL).

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(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A61B 17/00

(11) WO 2005/027751 (13) A1

(21) PCT/JP2004/008455

(22) 16 Jun/juin 2004 (16.06.2004)

(25) ja (26) ja

(30) 2003-330396 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • THROMBUS/EMBOLUS COLLECTING DEVICE  
• COLLECTEUR DE THROMBUS/EMBOLE

(71, 72) **ISHIMARU, Shin** [JP/JP]; 1-23-23, Jingu-mae, Shibuya-ku, Tokyo 150-0001 (JP). **KITAMURA, Atsushi** [JP/JP]; 5-30, Izumi Honcho, Kanazawa-shi, Ishikawa 921-8042 (JP).

(74) **TAKINO, Hideo** et al. / etc.; 4th Floor, Hiroo SK bldg., 36-13, Ebisu 2-chome, Shibuya-ku, Tokyo 150-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B 17/00

(11) WO 2005/027752 (13) A1

(21) PCT/US2004/029978

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 10/662,000 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PFO CLOSURE DEVICE WITH FLEXIBLE THROMBOGENIC JOINT AND IMPROVED DISLODGE MENT RESISTANCE

• DISPOSITIF DESTINE A REFERMER LE FORAMEN OVALE PERSISTANT, POURVU D'UN JOINT FLEXIBLE THROMBOGENE ET POSSEDANT UNE MEILLEURE RESISTANCE A L'ENLEVEMENT

(71) **NMT MEDICAL, INC.** [US/US]; 27 Wormwood Street, Boston, MA 02210 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHANDUSZKO, Andrzej, J.** [US/US]; 311 N. Carriage Lane, Chandler, AZ 85224 (US).

(74) **CAVANAUGH, David, L.** et al. / etc.; Wilmer Cutler Pickering Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61B 17/00, 17/12, 17/064

(11) WO 2005/027753 (13) A1

(21) PCT/US2004/030678

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,320 19 Sep/sep 2003 US (19.09.2003)

- (30) 60/506,348 **25 Sep/sep 2003** US  
(25.09.2003)
- (30) 60/506,345 **25 Sep/sep 2003** US  
(25.09.2003)
- (30) 60/515,870 **29 Oct/oct 2003** US  
(29.10.2003)
- (30) 60/585,366 **2 Jul/juil 2004** US  
(02.07.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • APPARATUS AND METHODS FOR TISSUE GATHERING AND SECURING  
• APPAREIL ET PROCEDE POUR COLLECTER ET FIXER UN TISSU
- (71) ST. JUDE MEDICAL, INC. [US/US]; One Lillehei Plaza, St. Paul, MN 55117 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRENZEL, Michael P. [US/US]; 1728 Bohland Avenue, St. Paul, MN 55116 (US). HINDRICH, Paul J. [US/US]; 12820 34th Avenue N, Plymouth, MN 55441 (US). DALE, Theodore P. [US/US]; 3940 14th Avenue South, Minneapolis, MN 55407 (US). KRINKE, Todd A. [US/US]; 5011 Cherry Lane, Rockford, MN 55373 (US). KRUSE, Steven D. [US/US]; 4539 Mellum Avenue NE, St. Michael, MN 55376 (US). COSTELLO, David M. [US/US]; 7355 Shoreline Drive, Waconia, MN 55387 (US). BERG, Todd A. [US/US]; 8200 60th St. North, Stillwater, MN 55082 (US). ROOP, John A. [US/US]; 6807 35th Avenue North, Crystal, MN 55427 (US).
- (74) JACKSON, Robert R. et al. / etc.; c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> A61B 17/04, 17/12
- (11) WO 2005/027754 (13) A1
- (21) PCT/US2004/030236
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 60/502,925 **15 Sep/sep 2003** US  
(15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SUTURE LOCKING DEVICE AND METHODS  
• DISPOSITIF ET PROCEDE DE VERROUILLAGE DE SUTURE
- (71) ABBOTT LABORATORIES [US/US]; Dept. 377 Bldg AP6A-1, 100 Abbott Park Road, Abbott Park, Illinois 60064-6008 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARASCHAC, Joseph, F. [US/US]; 1505 Rhinecliff Way, San Jose, California 95126 (US). MCINTOSH, Scott, A. [US/US]; 683 TIFFANY COURT, Sunnyvale, California 94087 (US).
- (74) MCCRYSTLE, Kelly, J. et al. / etc.; Dept. 377 Bldg AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> A61B 17/17
- (11) WO 2005/027755 (13) A1
- (21) PCT/GB2004/003271
- (22) 28 Jul/juil 2004 (28.07.2004)
- (25) en (26) en
- (30) 0322084.5 **22 Sep/sep 2003** GB  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A DRILL GUIDE ASSEMBLY  
• ENSEMBLE GUIDE-FORET
- (71) DEPUY INTERNATIONAL, LTD. [GB/GB]; St. Anthony's Road, Beeston Leeds LS11 8DT (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOORE, Gary [GB/GB]; 74 Aire Road, Wetherby, West Yorkshire LS22 7UE (GB). BIRKBECK, Alec [GB/GB]; 1B Ashleigh Road, West Park, Leeds LS16 5AX (GB).
- (74) BELCHER, Simon, James; Urquhart-Dykes & Lord LLP, Tower North Central, Merrion Way, Leeds LS2 8PA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> A61B 17/22, A61D 1/02
- (11) WO 2005/027756 (13) A1
- (21) PCT/US2003/026447
- (22) 22 Aug/août 2003 (22.08.2003)
- (25) en (26) en
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • APPARATUS AND METHOD FOR AN ULTRASONIC MEDICAL DEVICE ENGAGING A FLEXIBLE MATERIAL  
• APPAREIL ET PROCEDE POUR DISPOSITIF MEDICAL ULTRASONORE ENTRANT EN PRISE AVEC UN MATERIAU FLEXIBLE
- (71) OMNISONICS MEDICAL TECHNOLOGIES, INC. [US/US]; 66 Concord Street, Wilmington, MA 01887 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARCIANTE, Rebecca, I. [US/US]; 3 McArthur Road, North Reading, MA 01864 (US). HARE, Bradley, A. [US/US]; A 2-30 Worthen Street, Chelmsford, MA 01824 (US). RABINER, Robert, A. [US/US]; 14 Equestrian Drive, North Reading, MA 01864 (US). O'LEARY, Anthony, W. [US/US]; 24 Riverside Place, Walpole, MA 2081 (US). VARADY, Mark, J. [US/US]; 278 Central Street, Holliston, MA 01746 (US). PRASAD, Janniah, S. [US/US]; 435 Rowayton Avenue, Norwalk, CT 06854 (US). CHUANG, Anita, J. [US/US]; 10 Centre Street, Apt. 1E, Cambridge, MA 02139 (US).
- (74) DYKEMAN, David, J.; Palmer & Dodge LLP, 111 Huntington Avenue, Boston, MA 02199-7613 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> A61B 17/22
- (11) WO 2005/027757 (13) A2
- (21) PCT/US2004/030211
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 10/664,134 **17 Sep/sep 2003** US  
(17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • EMBOLECTOMY DEVICE  
• DISPOSITIF D'EMBOLECTOMIE
- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RAMZIPOOR, Kamal [US/US]; 46102 Klamath Street, Fremont, CA 94539 (US). NAIR, Ajitkumar [IN/US]; 358 Wood Creek Terrace, Fremont, CA 94539 (US). PARIKH, Riten [US/US]; 949 Brentwood Drive, San Jose, CA 95129 (US). HUFFMASTER,

- Andrew [US/US]; 4501 Capewood Terrace, Fremont, CA 94538 (US). BASHIRI, Mehran [US/US]; 2010 Easton Avenue, San Carlos, CA 94070 (US). PHAM, Pete, Phong [US/US]; 5049 Conde Court, Fremont, CA 94538 (US).
- (74) SEAGER, Glenn, M.; Crompton Seager & Tufte LLC, 1221 Nicollet Avenue, Suite 800, Minneapolis, MN 55403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 17/32, 10/00
- (11) WO 2005/027758 (13) A2
- (21) PCT/US2004/030322
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 60/503,351 16 Sep/sep 2003 US (16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DERMAL PUNCH DEVICE
- DISPOSITIF AVEC POINÇON CUTANE
- (71) UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL [US/US]; 55 Lake Avenue North, Worcester, MA 01655 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DUNN, Raymond, M. [US/US]; 10 Spring Street, Shrewsbury, MA 01545 (US).
- (74) HOOVER, Thomas, O. et al. / etc.; Bowditch & Dewey, LLP, 161 Worcester Road, Framingham, MA 01701-9320 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 17/56
- (11) WO 2005/027759 (13) A1
- (21) PCT/US2003/026380
- (22) 22 Aug/août 2003 (22.08.2003)
- (25) en (26) en
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PERCUTANEOUS SCAPHOID FIXATION METHOD AND GUIDE WIRE ALIGNMENT DEVICE
- PROCEDE DE FIXATION DU SCAPHOIDE PAR VOIE PERCUTANEE, ET DISPOSITIF D'ALIGNEMENT DE FIL-GUIDE
- (71, 72) FEILER, Frederic, C. [US/US]; 10 Mesa Drive, Colorado Springs, CO 80906 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72) ROTMAN, Mitchell, B.; 90 Aberdeen Place, Clayton, MO 63105 (US).
- (74) HANES, Richard, W.; The Alamo Corporate Center, Suite 800, 102 South Tejon, Colorado Springs, CO 80903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 17/58
- (11) WO 2005/027760 (13) A2
- (21) PCT/FR2004/050451
- (22) 21 Sep/sep 2004 (21.09.2004)
- (25) fr (26) fr
- (30) 0311092 22 Sep/sep 2003 FR (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • IMPROVEMENT TO SCREW-, PIN- OR SIMILAR-TYPE OSTEOSYNTHESIS DEVICES
- PERFECTIONNEMENT AUX DISPOSITIFS D'OSTEOSYNTHESE DE TYPE VIS, BROCHE OU SIMILAIRE
- (71) DLP [FR/FR]; Rue du Moulin de la Rouselière, F-44800 Saint-Herblain (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DEROUET, Guillaume [FR/FR]; 8, rue Joseph Caillé, F-44000 Nantes (FR).
- (74) CATHERINE, Alain et al. / etc.; C/O Cabinet Harle Et Phelip, 7 rue de Madrid, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> A61B 17/70
- (11) WO 2005/027761 (13) A1
- (21) PCT/FR2004/002346
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) fr (26) fr
- (30) 0310905 17 Sep/sep 2003 FR (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LOCKING RACHIDIAL IMPLANT PROVIDED WITH A TIGHTNESS INDICATOR
- IMPLANT RACHIDIEN A MOYENS DE VERROUILLAGE MUNIS D'UN TEMOIN DE SERRAGE
- (71) EUROS [FR/FR]; ZE ATHELIA III, F-13600 La Ciotat (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BERGOIN, Maurice [FR/FR]; Mont Joly, Le Tholonet, F-13100 Aix en Provence (FR).
- (74) CHAUVIN, Vincent et al. / etc.; Coralis, 22, rue du Général Foy, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 17/72
- (11) WO 2005/027762 (13) A1
- (21) PCT/EP2004/008194
- (22) 22 Jul/juil 2004 (22.07.2004)
- (25) de (26) de
- (30) 103 40 025.7 28 Aug/août 2003 DE (28.08.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DEVICE FOR EXTENDING BONES
- DISPOSITIF D'ALLONGEMENT DES OS
- (71) WITTENSTEIN AG [DE/DE]; Walter-Wittenstein-Strasse 1, 97999 Igersheim (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STAUCH, Roman [DE/DE]; Rengershäuserstrasse 38, 97959 Assamstadt (DE).
- (74) WEISS, Peter; Zeppelinstr. 4, 78234 Engen (DE).



(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B 17/72

(11) WO 2005/027763 (13) A1

(21) PCT/EP2004/008195

(22) 22 Jul/juil 2004 (22.07.2004)

(25) de (26) de

(30) 103 40 025.7 28 Aug/août 2003 DE (28.08.2003)

(30) 20 2004 007 242.4 4 May/mai 2004 DE (04.05.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PLANETARY ROLL SYSTEM, IN PARTICULAR FOR A DEVICE FOR EXTENDING BONES

• SYSTÈME PLANÉTAIRE, EN PARTICULIER POUR UN DISPOSITIF D'ALLONGEMENT D'OS

(71) WITTENSTEIN AG [DE/DE]; Walter-Wittenstein-Strasse 1, 97999 Igersheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STAUCH, Roman [DE/DE]; Rengershäuserstrasse 38, 97959 Assamstadt (DE).

(74) WEISS, Peter; Zeppelinstrasse 4, 78234 Engen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B 17/76

(11) WO 2005/027764 (13) A1

(21) PCT/ES2003/000599

(22) 25 Nov/nov 2003 (25.11.2003)

(25) es (26) es

(30) P 200302202 23 Sep/sep 2003 ES (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FIXING DEVICE FOR HIP OSTEOTOMIES AND FRACTURES IN CHILDREN AND ADOLESCENTS

• DISPOSITIF DE FIXATION POUR DES OSTÉOTOMIES DU BASSIN ET DES FRACTURES CHEZ DES ENFANTS ET DES ADOLESCENTS

(71) INSTITUTO TECNOLÓGICO DE CANARIAS, S.A. (ITC) [ES/ES]; Plaza Sixto Machado nº 3, 38009 Santa Cruz de Tenerife (ES).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) RECARTE GARCIA-ANDRADE, Enrique [ES/ES]; Plaza Sixto Machado nº 3, 38009 Santa Cruz de Tenerife (ES). MONOPOLI FORLEO, Donato [ES/ES]; Plaza Sixto Machado nº 3, 38009 Santa Cruz de Tenerife (ES).

(74) GOMEZ-ACEBO, Ignacio; Jorge Juan, 19-3º, 28001 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B 18/14, 5/042, 5/055, 6/03, 8/14, G01S 15/89

(11) WO 2005/027765 (13) A1

(21) PCT/EP2004/009314

(22) 19 Aug/août 2004 (19.08.2004)

(25) de (26) de

(30) 103 40 544.5 1 Sep/sep 2003 DE (01.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND DEVICE FOR VISUALLY SUPPORTING AN ELECTROPHYSIOLOGY CATHETER APPLICATION IN THE HEART

• PROCEDE ET DISPOSITIF POUR ASSISTER VISUELLEMENT LA MISE EN PLACE D'UN CATHETER ELECTROPHYSIOLOGIQUE DANS LE COEUR

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE). BIOSENSE WEBSTER, INC. [US/US]; 3333 Diamond Canyon Road, Diamond Bar, California 91765 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAUER, Frank [DE/US]; 193 Laurel Circle, Princeton, New Jersey 08540 (US). XU, Chenyang [CN/US]; 3 Diana Court, Allentown, New Jersey 08501 (US). FUIMAONO, Kristine [US/US]; 19685 Golden Bough, Covina, California 91724 (US). HAYAM, Gal [IL/IL]; 35 Haskedim St., 36501 Tivon (IL). KARMI, Yuval [IL/IL]; 22 Harav Kuk St., 38386 Hadera (IL). KILLMANN, Reinmar [AT/DE]; Am Schlehenbach 24, 91301 Forchheim (DE). PREISS, Assaf [IL/IL]; Hamigdal 1, 42920 Bet Yizhaq (IL). RAHN, Norbert [DE/DE]; Breitenlohestr. 38, 91301 Forchheim (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B 18/14, 5/042, 5/055, 6/03, 8/14, G01S 15/89

(11) WO 2005/027766 (13) A1

(21) PCT/EP2004/009446

(22) 24 Aug/août 2004 (24.08.2004)

(25) de (26) de

(30) 103 40 546.1 1 Sep/sep 2003 DE (01.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND DEVICE FOR VISUALLY ASSISTING THE ELECTROPHYSIOLOGICAL USE OF A CATHETER IN THE HEART

• PROCEDE ET DISPOSITIF D'ASSISTANCE VISUELLE A L'UTILISATION ELECTROPHYSIOLOGIQUE D'UN CATHETER DANS LE COEUR

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE). BIOSENSE WEBSTER, INC. [US/US]; 3333 Diamond Canyon Road, Diamond Bar, California 91765 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PREISS, Assaf [IL/IL]; Hamigdal 1, 42920 Bet Yizhaq (IL). RAHN, Norbert [DE/DE]; Breitenlohestr. 38, 91301 Forchheim (DE). KARMI, Yuval [IL/IL]; 22 Harav Kuk St., 38386 Hadera (IL). KILLMANN, Reinmar [AT/DE]; Am Schlehenbach 24, 91301 Forchheim (DE). FUIMAONO, Kristine [US/US]; 19685 Golden Bough, Covina, California 91724 (US). HAYAM, Gal [IL/IL]; 35 Haskedim St., 36501 Tivon (IL). SAUER, Frank [DE/US]; 193 Laurel Circle, Princeton, New Jersey 08540 (US). XU, Chenyang [CN/US]; 3 Diana Court, Allentown, New Jersey 08501 (US).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B 19/00, G09F 3/02

(11) WO 2005/027767 (13) A1

(21) PCT/AU2004/001265

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 2003905218 25 Sep/sep 2003 AU (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MEDICAL PROCEDURE KIT AND METHOD

• TROUSSE MEDICALE ET METHODE ASSOCIEE

(71) ITL HEALTHCARE PTY LTD [AU/AU]; 14-45 Tennant Street, Fyshwick, ACT 2609 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DILLON, Jagmohanbir, Singh [AU/AU]; 9 Lamble Place, Oxley, ACT 2603 (AU). PARTINGTON, Andrew, John [AU/AU]; 215 Hogarth Road, Elizabeth Grove, S.A. 5112 (AU).

(74) GRANT, Paul, Ainsworth; P.O. Box 7460, Fisher, ACT 2611 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61C

(11) WO 2005/027768 (13) A2

(21) PCT/US2004/029620

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 10/661,103 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HYDROGEL COMPOSITIONS WITH AN ERODIBLE BACKING MEMBER

• COMPOSITIONS D'HYDROGEL CONTENANT UNE SUPPORT DE-GRADABLE

(71) CORIUM INTERNATIONAL [US/US]; 2686 Middlefield Road, Suite G, Redwood City, California 94063 (US). A.V. TOPCHIEV INSTITUTE OF PETRO-CHEMICAL SYNTHESIS [RU/RU]; Russian Academy of Sciences, 29, Leninsky prosp., Moscow, 117912 (RU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SINGH, Parminder [US/US]; 1906 35th Avenue, San Francisco, California 94116 (US). FAASSE, Adrian [US/US]; 17108 Cachagua Road, Carmel Valley, California 93924-9308 (US). CLEARY, Gary, W. [US/US]; 26410 Silent Hills Lane, Los Altos Hills, California 94022 (US). MUDUMBA, Sri [IN/US]; 30731 Canterbury Court, Union City, California 94587 (US). FELDSTEIN, Mikhail [RU/RU]; Leninsky Prospekt 102, Apt. 145, Moscow, 119415 (RU). BAIRAMOV, Danir [RU/RU]; Profsojuznaya ul 8, Korpus 2, Apt. 463, Moscow, 117292 (RU).

(74) REED INTELLECTUAL PROPERTY LAW GROUP; 800 Menlo Avenue, Suite 210, Menlo Park, California 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61C

(11) WO 2005/027769 (13) A2

(21) PCT/US2004/030260

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,618 15 Sep/sep 2003 US (15.09.2003)

(30) 60/542,534 6 Feb/fév 2004 US (06.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DENTAL FLOSSER WITH BENDABLE HEAD

• PORTE-FIL DENTAIRE A TETE PLIANTE

(71) PLACONTROL, INC. [US/US]; 12760 High Bluff Drive, Suite 320, San Diego, CA 92130-2020 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHODOROW, Ingram, S. [US/US]; 12760 High Bluff Drive, Suite 320, San Diego, CA 92130-2020 (US).

(74) DAINOW, J., David; Abelman, Frayne & Schwab, Attorneys at Law, 150 east 42nd Street, New York, NY 10017-5612 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61C

(11) WO 2005/027770 (13) A2

(21) PCT/US2004/030453

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/503,666 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HIGH SPEED MULTIPLE LINE THREEDIMENSIONAL DIGITIZATION

• NUMERISATION TRIDIMENSIONNELLE GRANDE VITESSE DE LIGNES MULTIPLES

(71) D4D TECHNOLOGIES, L.P. [US/US]; 1161 Executive West, Richardson, TX 75081 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) QUADLING, Mark [US/US]; 4556 St. James Drive, Plano, TX 75024 (US). QUADLING, Henley [ZA/US]; 17200 Westgrove Drive, Apt. 2323, Addison, TX 75001 (US).

(74) FLERLAGE, Joseph, W.; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61C 5/08, 13/083, A61K 6/02

(11) WO 2005/027771 (13) A1

(21) PCT/SE2004/001279

(22) 7 Sep/sep 2004 (07.09.2004)

(25) en (26) en

(30) 0302539-2 24 Sep/sep 2003 SE (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND ARRANGEMENT FOR A DENTAL INSTALLATION

• PROCEDE ET DISPOSITIF POUR IMPLANTATION DENTAIRE

(71) NOBEL BIOCARE AB (PUBL) [SE/SE]; Box 5190, S-402 26 Göteborg (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ADILSTAM, Fredrik [SE/SE]; Ordensbacken 7, S-181 33 Lidingö (SE). IVERHED, Mattias [SE/SE]; Skofjärdsvägen 5, S-741 91 Knivsta (SE).

(74) **OLSSON, Gunnar**; Nobel Biocare AB (publ), Box 5190, S-402 26 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61C 8/00**

(11) **WO 2005/027772** (13) A1

(21) PCT/DE2004/002073

(22) **15 Sep/sep 2004 (15.09.2004)**

(25) de (26) de

(30) 103 42 656.6 **16 Sep/sep 2003 DE (16.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR THE PRODUCTION OF A SET OF DENTURES FOR AN UNTOOTHED OR PARTIALLY TOOTHED JAW

• PROCEDE POUR PRODUIRE UNE PROTHESE DENTAIRE POUR UNE MACHOIRE PARTIELLEMENT OU COMPLETEMENT DEPOURVUE DE DENTS

(71) **BREDENT DENTALGERÄTE UND MATERIALIEN FACH- UND ORGANISATIONSBERATUNG PETER BREHM** [DE/DE]; Weissenhorner Strasse 2, 89250 Senden (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WICHMANN, Manfred** [DE/DE]; Flurweg 7, 91080 Marloffstein (DE). **BERGLER, Michael** [DE/DE]; Klostermühlgasse 12, 91056 Erlangen (DE). **HOLST, Stefan** [DE/DE]; Roritzer Strasse 8, 90419 Nürnberg (DE).

(74) **DZIEWIOR, Joachim**; Ensingerstrasse 21, 89073 Ulm (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **A61C 13/20**

(11) **WO 2005/027773** (13) A1

(21) PCT/US2004/030592

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 60/504,097 **18 Sep/sep 2003 US (18.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF MAKING A DENTAL PRODUCT FRAME

• PROCEDE DE FABRICATION D'UNE STRUCTURE D'UNE FOURNITURE DENTAIRE

(71) **DENTSPLY INTERNATIONAL INC.** [US/US]; 570 West College Avenue, P.O. Box 872, York, PA 17405-0872 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEI, Lei** [US/US]; 19 Stonewood Drive, Jacobus, PA 17407 (US). **SUN, Benjamin, J.** [US/US]; 3130 Wheatlyn Road, York, PA 17402 (US). **LICHKUS, Andrew, M.** [US/US]; 1445 Rose Point Drive, York, PA 17404 (US). **WEBER, Frederick, J.** [US/US]; 114 North Grant Road, Thomasville, PA 17364 (US).

(74) **HURA, Douglas, J. et al. / etc.**; Dentsply International Inc., 570 West College Avenue, P.O. Box 872, York, PA 17405-0872 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61D**

(11) **WO 2005/027774** (13) A2

(21) PCT/US2004/030250

(22) **14 Sep/sep 2004 (14.09.2004)**

(25) en (26) en

(30) 60/503 799 **17 Sep/sep 2003 US (17.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR PREVENTING ALLERGIES

• PROCEDE ET APPAREIL DE PREVENTION D'ALLERGIES

(71) **BABY BOOST, INC.**; 129 Maplewood Street, Watertown, MA 02472 (US).

(74) **HODGSON, Rodny, T.**; 822 Pinesbridge Road, Ossining, NY 10562 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61D 1/02, A01J 3/00**

(11) **WO 2005/027775** (13) A1

(21) PCT/NZ2004/000231

(22) **23 Sep/sep 2004 (23.09.2004)**

(25) en (26) en

(30) 528240 **23 Sep/sep 2003 NZ (23.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TREATMENT AND CONTROL DEVICE

• DISPOSITIF DE TRAITEMENT ET DE COMMANDE

(71) **DUIRS, Lindsay, Alison** [NZ/NZ]; 1230 Victoria Street, Hamilton, 2001 (NZ).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **DUIRS, Graham, Francois** [NZ/NZ]; 1230 Victoria Street, Hamilton, 2001 (NZ).

(74) **PEARSON, Samuel, John et al. / etc.**; Level 12, KPMG Centre, 85 Alexandra Street, Hamilton, 2001 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61F**

(11) **WO 2005/027776** (13) A2

(21) PCT/US2004/029268

(22) **9 Sep/sep 2004 (09.09.2004)**

(25) en (26) en

(30) 60/502,789 **12 Sep/sep 2003 US (12.09.2003)**

(30) 10/937,211 **9 Sep/sep 2004 US (09.09.2004)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EARPLUG WITH BENDABLE STIFFENER

• BOUCHON D'OREILLE A RAIDISSEUR CINTRABLE

(71) **HOWARD LEIGHT INDUSTRIES, LLC** [US/US]; 7828 Waterville Road, San Diego, CA 92154 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **JENKINS, John, Allen, Jr.** [US/US]; 301 West G Street, Unit #308, San Diego, CA 92101 (US). **TIEMENS, Jim,** [US/US]; 28602 Rancho Del Lago, Laguna Niguel, CA 92877 (US).
- (74) **ROSEN, Leon, D.;** Freilich, Hornbaker & Rosen, 10960 Wilshire Boulevard, Suite 1220, Los Angeles, CA 90024 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61F  
(11) **WO 2005/027777** (13) A2  
(21) PCT/US2004/029286  
(22) **7 Sep/sep 2004 (07.09.2004)**  
(25) en (26) en  
(30) 10/665,169 **18 Sep/sep 2003** US  
(18.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **PACKAGED DIAPER, RELATED ACCESSORIES AND PACKAGING SYSTEM**  
• **COUCHE-CULOTTE EMBALLEE, ACCESSOIRES ET SYSTEME D'EMBALLAGE CORRESPONDANTS**
- (71) **SHB LLC** [US/US]; Crescent Square Office Park, 11075 South State Street, Suite 11B, Sandy, UT 84070 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SNELL, Alan, K.** [US/US]; 2550 West Barberry Lane, Bellin Road, Idaho Falls, ID 83402 (US).
- (74) **JONES, Jason, R.;** Thorpe North & Western LLP, P.O.Box 1219, Sandy, UT 84091-1219 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61F  
(11) **WO 2005/027778** (13) A2  
(21) PCT/US2004/029479  
(22) **10 Sep/sep 2004 (10.09.2004)**
- (25) en (26) en  
(30) 10/666,902 **17 Sep/sep 2003** US  
(17.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **METHOD AND APPARATUS FOR PROVIDING NON-INVASIVE ULTRASOUND HEATING OF THE PREOPTIC ANTERIOR HYPOTHALAMUS**  
• **PROCEDE ET APPAREIL PERMETTANT DE CHAUFFER L'HYPOTHALAMUS ANTERIEUR PREOPTIQUE A L'AIDE D'ULTRASON ET DE MANIERE NON EFFRACTIVE**
- (71) **MEDIVANCE INCORPORATED** [US/US]; 1172 Century Drive, Suite 240, Louisville, Colorado 80027 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **VOORHEES, Marc, E.** [US/US]; 10899 West 82nd Place, Arvada, CO 80005 (US). **CARSON, Gary, A.** [US/US]; 21 McIntyre Court, Golden, CO 80401 (US).
- (74) **MARSH, Thomas R.;** Marsh Fischmann & Breyfogle LLP, 3151 South Vaughn Way, Suite 411, Aurora, CO 80014 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61F  
(11) **WO 2005/027779** (13) A2  
(21) PCT/US2004/029681  
(22) **10 Sep/sep 2004 (10.09.2004)**  
(25) en (26) en  
(30) 60/502,435 **12 Sep/sep 2003** US  
(12.09.2003)  
(30) 60/503,154 **15 Sep/sep 2003** US  
(15.09.2003)  
(30) 10/936,857 **9 Sep/sep 2004** US  
(09.09.2004)  
(30) 10/936,886 **9 Sep/sep 2004** US  
(09.09.2004)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **METHODS, SYSTEMS, AND DEVICES FOR PROVIDING EMBOLIC PROTECTION AND REMOVING EMBOLIC MATERIAL**  
• **PROCEDES, SYSTEMES ET DISPOSITIFS DE PROTECTION EMBOLIQUE ET D'ELIMINATION DE MATIERE EMBOLIQUE**
- (71) **RUBICON MEDICAL INC.** [US/US]; 3598 West 1820 South, Salt Lake City, UT 84111 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **LINDER, Richard, J.;** 7810 Chatsworth Court, Sandy, UT 84093 (US). **EDMISTON, David, R.;** 754 West March Cove, Draper, Utah 84020 (US). **JOHNSON, Steven, W.;** 2745 North 425 West, Lehi, UT 84043 (US).
- (74) **ROY, Fraser, D. et al. / etc.;** Workman, Nydegger, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61F  
(11) **WO 2005/027780** (13) A2  
(21) PCT/US2004/029706  
(22) **10 Sep/sep 2004 (10.09.2004)**  
(25) en (26) en  
(30) 60/502,816 **12 Sep/sep 2003** US  
(12.09.2003)  
(30) 10/808,937 **25 Mar/mar 2004** US  
(25.03.2004)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **MODIFIED SELF-ADHERENT WRAP**  
• **ENVELOPPE AUTO-ADHESIVE MODIFIEE**
- (71, 72) **GORRES, Geoffrey, H.** [US/US]; 279 Plymouth Street, Amery, WI 54001 (US).
- (74) **ANDERSON, Richard, J.;** Fish & Richardson P.C., P.A., Suite 3300, 60 South Sixth Street, Minneapolis, MN 55402-1104 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61F  
(11) **WO 2005/027781** (13) A2  
(21) PCT/US2004/030266  
(22) **16 Sep/sep 2004 (16.09.2004)**  
(25) en (26) en  
(30) 60/503,532 **16 Sep/sep 2003** US  
(16.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ATTACHABLE ABSORBENT GARMENT SIDE PANELS

- PANNEAUX LATÉRAUX DE VÊTEMENTS ABSORBANTS POUVANT ÊTRE ATTACHÉS

(71, 72) MURGULY, Kathy [US/US]; 29 Snowbourn Place, Hillsborough, NJ 08844 (US).

(74) GOSZ, William, G. et al. / etc.; Ropes & Gray LLP, One International Place, Boston, MA 02110-2624 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F

(11) WO 2005/027782 (13) A2

(21) PCT/US2004/030320

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/503,532 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ABSORBENT GARMENTS WITH EXTENDABLE SIDE PANELS

- VÊTEMENTS ABSORBANTS AVEC PANNEAUX LATÉRAUX EXTENSIBLES

(71, 72) MURGULY, Kathy [US/US]; 29 Snowbourn Place, Hillsborough, NJ 08844 (US).

(74) GOSZ, William, G. et al. / etc.; Ropes & Gray LLP, One International Place, Boston, MA 02110-2624 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F

(11) WO 2005/027783 (13) A2

(21) PCT/US2004/030321

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/503,532 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ATTACHABLE SIDE PANEL FOR ABSORBENT GARMENTS

- PANNEAU LATÉRAL ATTACHABLE POUR VÊTEMENTS ABSORBANTS

(71, 72) MURGULY, Kathy [US/US]; 29 Snowbourn Place, Hillsborough, NJ 08844 (US).

(74) GOSZ, William, G. et al. / etc.; Ropes & Gray LLP, One International Place, Boston, MA 02110-2624 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F

(11) WO 2005/027784 (13) A2

(21) PCT/US2004/030567

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 10/664,595 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MODULAR STENT-GRAFT FOR ENDOVASCULAR REPAIR OF AORTIC ARCH ANEURYSMS AND DISSECTIONS

- STENT MODULAIRE GREFFABLE POUR RÉPARATION ENDOVASCULAIRE D'ANÉVRISMES ET DISSECTION DE LA CROSSE AORTIQUE

(71) ENDOVASCULAR TECHNOLOGIES, INC. [US/US]; 3200 Lakeside Drive, S313, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) CHUTER, Timothy, A., M.; 70 Valley Court, Atherton, CA 94027 (US).

(74) HANLEY, John, V. et al. / etc.; Fulwider Patton Lee & Utecht, LLP, 6060 Center Drive, Tenth Floor, Los Angeles, CA 90045 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F

(11) WO 2005/027785 (13) A2

(21) PCT/US2004/030664

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/503,988 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MEDICAL DEVICE HAVING MEMS FUNCTIONALITY AND METHODS OF MAKING SAME

- DISPOSITIF MÉDICAL INTÉGRANT DES FONCTIONNALITÉS DE SYSTÈMES MICRO-ELECTROMÉCANIQUES, ET PROCÉDES DE FABRICATION CORRESPONDANTS

(71) ADVANCED BIO PROSTHETIC SURFACES, LTD. [US/US]; 4778 Research Drive, San Antonio, TX 78240 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PALMAZ, Julio, C. [US/US]; 636 Ivy Lane, San Antonio, TX 78204 (US).

(74) ROSENBAUM, David, G.; Rosenbaum & Associates, P.C., 650 Dundee Road, Suite #380, Northbrook, IL 60062 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F 2/00, D04B 21/02, 21/04, 21/12

(11) WO 2005/027786 (13) A1

(21) PCT/FR2004/002283

(22) 8 Sep/sep 2004 (08.09.2004)

(25) fr (26) fr

(30) 0310853 16 Sep/sep 2003 FR (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROSTHETIC KNIT FABRIC WITH VARIABLE PROPERTIES

- TRICOT PROTHÉTIQUE À PROPRIÉTÉS VARIABLES

(71) SOFRADIM PRODUCTION [FR/FR]; 116 avenue du Formans, F-01600 Trevoux (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THERIN, Michel [FR/FR]; 19 grande rue de la Croix Rousse, F-69004 Lyon (FR). MENEGHIN, Alfredo [FR/FR]; 48 avenue de la Gare, F-69480 Anse (FR).

(74) CABINET GERMAIN & MAUREAU; Bp 6153, F-69466 Lyon Cedex 06 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61F 2/01

(11) WO 2005/027787 (13) A2

(21) PCT/US2004/029874

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 60/502,435 12 Sep/sep 2003 US (12.09.2003)

(30) 60/503,154 15 Sep/sep 2003 US (15.09.2003)

(30) 10/936,857 9 Sep/sep 2004 US (09.09.2004)

(30) 10/936,886 9 Sep/sep 2004 US (09.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ACTUATING CONSTRAINING MECHANISM  
• COMMANDE D'UN MECANISME DE CONTRAINTE

(71) RUBICON MEDICAL INC. [US/US]; 3598 West 1820 South, Salt Lake City, UT 84104 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) JOHNSON, Steven, W.; 2745 North 425 West, Lehi, UT 84043 (US). EDMISTON, Daryl, R.; 754 West March Cove, Draper, UT 84020 (US). LINDER, Richard, J.; 7810 Chatsworth Court, Sandy, UT 84093 (US).

(74) ROY, Fraser, D. et al. / etc.; Workman Nydegger, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F 2/06

(11) WO 2005/027788 (13) A2

(21) PCT/DE2004/002070

(22) 16 Sep/sep 2004 (16.09.2004)

(25) de

(30) 103 42 759.7 16 Sep/sep 2003 DE (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • STENT WITH IMPROVED DURABILITY

• STENT PRESENTANT UNE PLUS GRANDE DURABILITE

(71) CAMPUS GMBH & CO. KG [DE/DE]; Entenmühlstrasse 48, 66424 Homburg (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TRAPP, Rainer [DE/DE]; Dresdenerstrasse 10, 76676 Graben-Neudorf (DE).

(74) FUCHS, MEHLER, WEISS & FRITZSCHE; Naupliastrasse 110, 81545 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F 2/06

(11) WO 2005/027789 (13) A1

(21) PCT/DE2004/002071

(22) 16 Sep/sep 2004 (16.09.2004)

(25) de (26) de

(30) 103 42 757.0 16 Sep/sep 2003 DE (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • STENT COMPRISING TERMINAL ANCHORING ELEMENTS

• STENT COMPORTANT DES ELEMENTS D'ANCRAGE TERMINAUX

(71) CAMPUS GMBH & CO. KG [DE/DE]; Entenmühlstr. 48, 66424 Homburg (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHARRER-PAMLER, Reinhard [DE/DE]; Heilmeyersteige 88, 89075 Ulm (DE). JUNG, Johannes [DE/DE]; Im Speitel 102, 76229 Karlsruhe (DE).

(74) FUCHS, MEHLER, WEISS & FRITZSCHE; Naupliastrasse 110, 81545 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61F 2/06, 2/24

(11) WO 2005/027790 (13) A1

(21) PCT/EG2003/000010

(22) 23 Nov/nov 2003 (23.11.2003)

(25) en (26) en

(30) 2003090946 24 Sep/sep 2003 EG (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VALVED BALLOON STENT

• STENT À BALLONNET MUNI D'UNE VALVE

(71, 72) LOTFY, Wael Mohamed Nabil [EG/EG]; 43 Giza Street, Cairo 12211 (EG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

Declarations / Déclarations :

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(u) for / pour US only / seulement

(51)<sup>7</sup> A61F 2/06

(11) WO 2005/027791 (13) A1

(21) PCT/EG2003/000009

(22) 22 Nov/nov 2003 (22.11.2003)

(25) en (26) en

(30) 2003090947 24 Sep/sep 2003 EG (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LINED BALLOON MOUNTED STENT

• EXTENSEUR MONTE SUR BALLONNET DOUBLE

(71, 72) LOTFY, Wael Mohamed Nabil [EG/EG]; 43 Giza Street, Cairo 12211 (EG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

Published / Publiée : (a)

Declarations / Déclarations :

(t) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU AZ  
BA BB BG BR BY BZ CA CH CN CO CR CU CZ  
DE DK DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX  
MZ NI NO NZ OM PG PH PL PT RO RU SC SD  
SE SG SK SL SY TJ TM TN TR TT TZ UA UG US  
UZ VC VN YU ZA ZM ZW AP (BW GH GM KE  
LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM  
AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH  
CY CZ DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR) OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD TG)  
(u) for / pour US only / seulement

(51)<sup>7</sup> A61F 2/06

(11) WO 2005/027792 (13) A1

(21) PCT/EP2004/010692

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 0322286.6 23 Sep/sep 2003 GB  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • IMPLANT WITH SHAPE MEMORY  
• IMPLANT A MEMOIRE DE FORME

(71) ANGIOMED GMBH & CO. MEDIZIN-  
TECHNIK KG [DE/DE]; Wachhausstrasse  
6, 76227 Karlsruhe (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BLANK, Thiemo [DE/DE]; Schiller-  
strasse 34, 68723 Plankstadt (DE). PATHAK,  
Chandrashekhkar, Prabhakar [US/US];  
15815, South Lakewood Parkway West,  
#2062, Phoenix, Arizona 85048 (US).

(74) HOFFMANN EITLÉ et al. / etc.; Arabel-  
lastrasse 4, 81925 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61F 2/06

(11) WO 2005/027793 (13) A2

(21) PCT/US2004/028925

(22) 2 Sep/sep 2004 (02.09.2004)

(25) en (26) en

(30) 10/656,855 4 Sep/sep 2003 US  
(04.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • IMPLANTABLE MEDICAL DEVICES  
HAVING RECESSES  
• DISPOSITIFS MEDICAUX IMPLAN-  
TABLES A RAINURES

(71) MEDTRONIC, INC. [US/US]; 710 Med-  
itronic Parkway NE, Minneapolis, MN  
55432-5604 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72) RIVRON, Nicolas, C.; 10, Rue Victor Hugo,  
F-91260 Juvisy sur Orge (FR). TRESCONY,  
Paul, V.; 11648 Oakview Court, Champlin,  
MN 55316 (US). WOLF, Michael, F.; 115  
Edgewood Avenue S., Golden Valley, MN  
55426 (US).

(74) HANSON, Daniel, J.; Shumaker & Sieffert,  
P.A., Suite 105, 8425 Seasons Parkway, St  
Paul, MN 55125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (p)

(51)<sup>7</sup> A61F 2/06

(11) WO 2005/027794 (13) A2

(21) PCT/US2004/030319

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 10/664,679 16 Sep/sep 2003 US  
(16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • MEDICAL DEVICES  
• DISPOSITIFS MEDICAUX

(63) US 10/664,679 (CON)  
16 Sep/sep 2003 (16.09.2003)

(71) SCIMED LIFE SYSTEMS, INC. [US/US];  
One Scimed Place, Maple Grove, MN 55311-  
1566 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) O'BRIEN, Barry [IE/IE]; 102 Lios-  
more, Cappagh Road Barna, Co. Galway  
(IE). BROWN, Brian [US/US]; 178 Jandel

Avenue N.E., Hanover, MN 55341 (US).  
NOLAN, Robert [IE/IE]; 17 Burrenview  
Heights, Knocknacarra, Co.Galway (IE).

(74) GAGEL, John, J.; Fish & Richardson P.C.,  
225 Franklin Street, Boston, MA 02110-2804  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US (Patent  
/ brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61F 2/10

(11) WO 2005/027795 (13) A1

(21) PCT/MX2003/000078

(22) 23 Sep/sep 2003 (23.09.2003)

(25) es (26) es

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • INSTRUMENT FOR TAKING AND  
APPLYING HUMAN SCALP GRAFTS,  
COMPRISING INTERCHANGEABLE  
SQUARE-TIPPED NEEDLES  
• INSTRUMENT DE PRELEVEMENT  
ET D'APPLICATION DE GREFFES DE  
CUIR CHEVELU HUMAIN A L'AIDE  
D'AIGUILLES INTERCHANGEABLES  
A POINTE CARREE

(71, 72) NAVARRO CEBALLOS, Ramón,  
Javier [MX/MX]; Calle 45 No. 301 x 32 A,  
Col. San Ramón Norte, C.P. 97117 Mérida,  
Yucatán (MX).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SC SD SE SG SK SL TJ TM TN TR TT  
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

Published / Publiée : (a)

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW  
MX MZ NO NZ OM PH PL PT RO RU SC SD SE  
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC  
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ  
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ  
MD RU TJ TM) EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC NL

PT RO SE SI SK TR) OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG)  
(u) for / pour US only / seulement

(51)<sup>7</sup> A61F 2/16

(11) WO 2005/027796 (13) A1

(21) PCT/US2004/029704

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/661,410 12 Sep/sep 2003 US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-MECHANISTIC ACCOMMO-  
DATING INTRAOCULAR LENSES

• IMPLANTS INTRAOCULAIRES REN-  
FERMANT PLUSIEURS SYSTEMES  
MECANISTES

(71) ADVANCED MEDICAL OPTICS, INC.  
[US/US]; 1700 E. St. Andrew Place, Santa  
Ana, CA 92705 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(71, 72) PAUL, Marlene, L. [US/US]; 29382  
Castle Road, Laguna Niguel, CA 92677  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BRADY, Daniel, G. [US/US]; 30121  
Saddle Ridge Drive, San Juan Capistrano, CA  
92675 (US). LOWERY, Michael [US/US];  
1939 Oxford St., Vista, CA 92083 (US).

(74) GLUCK, Peter, J.; c/o Advanced Medical  
Optics, Inc., 1700 E. St. Andrew Place, Santa  
Ana, CA 92799-5162 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61F 2/24

(11) WO 2005/027797 (13) A1

(21) PCT/TR2004/000041

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 2003/01582 23 Sep/sep 2003 TR  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A MITRAL WEB APPARATUS FOR MI-  
TRAL VALVE INSUFFICIENCIES

• DISPOSITIF A RESEAU MITRAL  
POUR INSUFFISANCES DE LA VAL-  
VULE MITRALE

(71, 72) EREK, Ersin [TR/TR]; Acibadem  
Bakirkoy Hastanesi, KVC Departmani Halit  
Ziya Usakligil Cad. No.1, 34140 Istanbul  
(TR).

(74) DESTEK PATENT, INC.?; TOPHANE  
ORTA PAZAR CAD. NO: 7 OSMAN-  
AGAZI, 16040 BURSA (TR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61F 2/30, 2/38

(11) WO 2005/027798 (13) A1

(21) PCT/DE2004/001888

(22) 26 Aug/août 2004 (26.08.2004)

(25) de (26) de

(30) 103 43 889.0 19 Sep/sep 2003 DE  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ARTIFICIAL JOINT

• ARTICULATION ARTIFICIELLE

(71) HJS GELENK SYSTEM GMBH [DE/DE];  
Mauerkircher Strasse 180, 81925 München  
(DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KUBEIN-MEESBURG, Dietmar  
[DE/DE]; Burgweg 1A, 37547 Kreiensen OT  
Greene (DE). NÄGERL, Hans [DE/DE];  
Lange Hecke 41, 37130 Gleichen (DE).  
THEUSNER, Joachim [DE/DE]; Odeon-  
platz 2, 80539 München (DE).

(74) SCHEFFLER, Jörg et al. / etc.; Tergau  
& Pohl, Adelheidstrasse 5, 30171 Hannover  
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61F 2/30, 2/36

(11) WO 2005/027799 (13) A1

(21) PCT/IB2004/002999

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 0322020.9 19 Sep/sep 2003 GB  
(19.09.2003)

(30) 60/506,778 30 Sep/sep 2003 US  
(30.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROSTHETIC JOINT

• ARTICULATION PROTHETIQUE

(71) ELEMENT SIX LIMITED [GB/GB]; Isle  
of Man Freeport, IM99 AQ, Ballasalla (GB).  
(for all designated States except / pour tous  
les États désignés sauf US)

(71) KEMP, Mark [ZA/ZA]; Spoor & Fisher, PO  
Box 41312, 2024 Craighall (ZA).  
(only for / seulement pour MW)

(72, 75) WORT, Christopher, John, Howard  
[GB/GB]; 61 Upton Drive, Wantage, Ox-  
fordshire (GB).

(74) DONALD, Heather, June et al. / etc.; Spoor  
& Fisher, PO Box 41312, 2024 Craighall  
(ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61F 2/44

(11) WO 2005/027800 (13) A2

(21) PCT/US2004/030077

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/662,928 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • REVISABLE PROSTHETIC DEVICE

• PROTHESE MODIFIABLE

(71) SDGI HOLDINGS, INC. [US/US]; 300  
Delaware Avenue Suite 508, Wilmington,  
Delaware 19801 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BERRY, Bret, M. [US/US]; 1838  
East 9800 Street, Sandy, Utah 84092 (US).

LANGE, Eric, C. [US/US]; 2457 Calkins  
Road, Germantown, Tennessee 38139 (US).

EISERMANN, Lukas, G. [US/US]; 42  
Riverview Drive West 301, Memphis, Ten-  
nessee 38103 (US).

(74) REVIS, Paul, A. et al. / etc.; MS LC340, 710  
Medtronic Parkway, Minneapolis, Minnesota  
55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.



(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61F 2/44

(11) WO 2005/027801 (13) A1

(21) PCT/US2004/030524

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/666,477 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROSTHETIC DEVICES EMPLOYING OXIDIZED ZIRCONIUM AND OTHER ABRASION RESISTANT SURFACES CONTACTING SURFACES OF CROSS-LINKED POLYETHYLENE

• DISPOSITIFS PROTHETIQUES COMPORTANT DU ZIRCONIUM OXYDE ET D'AUTRES SURFACES DE CONTACT RESISTANTES A L'ABRASION EN POLYETHYLENE RETICULE

(71) SMITH & NEPHEW INC. [US/US]; 1450 Brooks Road, Memphis, TN 38116 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EVANS, David, L. [US/US]; 6434 Hanks Call Lane, Bartlett, TN 38135 (US). HUNTER, Gordon [US/US]; 8394 Drury Lane, Germantown, TN 38139 (US). JANI, Shilesh, C. [TZ/US]; 7075 Vineyard Way, Germantown, TN 38138 (US). BROSNAN, Robert, E., III [US/US]; 9220 Forest Estates Cove, Germantown, TN 38139 (US).

(74) CATENA, Gino; Fulbright & Jaworski L.L.P., 1301 McKinney, Suite 5100, Houston, TX 77010-3095 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F 2/66

(11) WO 2005/027802 (13) A1

(21) PCT/US2004/030016

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 10/663,514 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-AXIAL PROSTHETIC FOOT

• PIED PROTHETIQUE MULTI-AXIAL

(71) OTTO BOCK HEALTHCARE, LP [—/US]; 2 Carlson Parkway, Minneapolis, MN 55447 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMITH, Nolan, L. [US/US]; 2627 E. Golden Eye Drive, Sandy, UT 84093 (US).

WILLIAMS, Nathan, Aaron [US/US]; 796 West 1250 South, Heber City, UT 84032 (US). RUSH, Douglas, E. [US/US]; 14107 Winfield Scott Way, Draper, UT 84020 (US).

(74) CAMERON, Lynn, C. et al. / etc.; 2200 Wells Fargo Center, 90 South 7th Street, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61F 5/055

(11) WO 2005/027803 (13) A2

(21) PCT/IL2004/000870

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 158036 21 Sep/sep 2003 IL (21.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CERVICAL COLLAR

• MNERVE

(71) HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD. [IL/IL]; P.O.B 12000, 91120 Jerusalem (IL). RAMOT AT TEL AVIV UNIVERSITY LTD. [IL/IL]; POB 39296, 61392 Tel-Aviv (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GEFEN, Amit [IL/IL]; 8 Hacarmel St, 55900 Ganei Tikva (IL). PELEG LUBOVSKY, Michal [IL/IL]; 2 Mevo Levona, 90805 Mevaseret Zion (IL).

LUBOVSKY, Omri [IL/IL]; Habosem 20, POB 83128, 90805 Mevaseret Zion (IL).

(74) BRESSLER, Eyal; DR. EYAL BRESSLER LTD., 8 Hamarpe st., POB 45220, 91450 Jerusalem (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F 5/08

(11) WO 2005/027804 (13) A1

(21) PCT/ES2004/000416

(22) 22 Sep/sep 2004 (22.09.2004)

(25) es (26) es

(30) P200302195 22 Sep/sep 2003 ES (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NASAL STIMULATOR

• STIMULATEUR NASAL

(71) INSTITUTE ORTHODONTIC WORLD J.DURAN VON ARX, S.L. [ES/ES]; Paseo de Validura 220-1, 1a, E-08031 Barcelona (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DURAN VON ARX, Josep [ES/ES]; Paseo de Validura 220-1, 1a, E-08031 Barcelona (ES).

(74) URIZAR ANASAGASTI, José Antonio; Calle Victor de la Serna, 3-5, E-28016 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61F 5/37

(11) WO 2005/027805 (13) A2

(21) PCT/US2004/029976

(22) 13 Sep/sep 2004 (13.09.2004)

- (25) en (26) en
- (30) 10/663,381 **15 Sep/sep 2003** US  
(15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SHOULDER SLING  
• ECHARPE POUR EPAULE
- (71) **DJ ORTHOPEDICS, LLC** [US/US]; 2985 Scott Street, Vista, CA 92083-8339 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KAZMIERCZAK, Andy** [US/US]; 3504 Windrift Way, Oceanside, CA 92056 (US). **SNYDER, Stephen, J., M.D.** [US/US]; 6815 Noble Avenue, Van Nuys, CA 91405 (US). **MCCARTY, Eric, M.D.** [US/US]; 517 Indian Peaks Trail West, Lafayette, Colorado 80026 (US). **GREGERSEN, Colin, S.** [US/US]; 2151-A Montgomery Avenue, Cardiff, CA 92007 (US). **HALCHUK, Nancy** [CA/US]; 1025 Orleavo Drive, Vista, CA 92084 (US). **CESENA, Alfredo** [MX/MX]; Bahía de Todos los Santos #667, El Mirador c.p., Tijuana, B.C. 22230 (MX).
- (74) **DELANEY, Karoline, A.;** Knobbe, Martens, Olson and Bear LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> **A61F 5/56**
- (11) **WO 2005/027806** (13) A1
- (21) PCT/JP2004/013304
- (22) **13 Sep/sep 2004 (13.09.2004)**
- (25) ja (26) ja
- (30) 2003-329791 **22 Sep/sep 2003** JP  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SNORE AND SLEEP APNEA SYNDROME MEDICAL TREATMENT DEVICE  
• DISPOSITIF DE TRAITEMENT MEDICAL DU SYNDROME DE L'APNEE DU SOMMEIL ET DU RONFLEMENT
- (71, 72) **KOTANI, Hiroo** [JP/JP]; 6-12, Aosaki 1-chome, Minami-ku Hiroshima-shi, Hiroshima, 7340053 (JP).
- (74) **FURUTA, Takehiro;** 6-7-701, Hacchobori, Naka-ku Hiroshima-shi, Hiroshima, 7300013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **A61F 13/00**
- (11) **WO 2005/027808** (13) A1
- (21) PCT/US2004/029809
- (22) **10 Sep/sep 2004 (10.09.2004)**
- (25) en (26) en
- (30) 60/502,598 **12 Sep/sep 2003** US  
(12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CALCIUM ZEOLITE HEMOSTATIC AGENT  
• AGENT HEMOSTATIQUE DE ZEOLITE DE CALCIUM
- (71) **Z-MEDICA, LLC** [US/US]; 35 Budney Road, Newington, Connecticut 06111 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **HURSEY, Francis X.;** 27 Keeney Avenue, West Hartford, Connecticut 06107 (US).
- (74) **MICHAUD, Richard R.;** The Michaud-Duffy Group LLP, 306 Industrial Park Road, Suite 206, Middletown, CT 06457 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **A61F 13/15, 13/00, B32B 31/00**
- (11) **WO 2005/027809** (13) A1
- (21) PCT/US2004/030896
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) en (26) en
- (30) 10/665,949 **18 Sep/sep 2003** US  
(18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • EDGE FOLD HAVING SUBSTANTIALLY UNIFORM GATHERS FOR ABSORBENT ARTICLE AND METHOD FOR MAKING  
• PLI DE BORD POURVU DE FRONCES PRAIQUEMENT UNIFORMES POUR ARTICLE ABSORBANT ET SON PROCEDE DE FABRICATION
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SCHNEIDER, Uwe** [DE/US]; 7915 Deer Crossing Drive, Mason, OH 45040 (US). **SCHMITZ, Christoph** [DE/DE]; Dr. Lieser StraBe 2, Euskirchen, 53881 Northrhine-Westphalia (DE). **JACKELS, Adi** [DE/DE]; Kirchforst 16, Mechernich, 53894 Northrhine-Westphalia (DE).
- (74) **THE PROCTER & GAMBLE COMPANY;** c/o T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F 13/513, 13/537

(11) WO 2005/027810 (13) A1

(21) PCT/JP2004/014127

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-329214 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ABSORPTIVE ARTICLE  
• ARTICLE ABSORBANT

(71) DAIO PAPER CORPORATION [JP/JP]; 2-60, Mishimakamiyacho, Shikokuchuo-shi, Ehime, 7990492 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARA, Kenji [JP/JP]; c/o ELLEAIR PAPER TECH. CO., LTD., 4776-4, Aza Sugenosawa, Oaza Washijuku, Kitsuregawa-machi, Shioya-gun, Tochigi, 3291411 (JP). IYAMA, Toshihiro [JP/JP]; c/o DAIO SANITARY PRODUCTS CO., LTD., 151-2, Atsuhara, Fuji-shi, Shizuoka, 4190201 (JP).

(74) NAGAI, Yoshihisa; Kanda Center Bldg., 3-2, Kajicho 2-chome, Chiyoda-ku, Tokyo, 1010044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F 13/58, 13/56, 13/15, 13/66, 13/60

(11) WO 2005/027811 (13) A1

(21) PCT/US2004/030332

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/503,532 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INEXPENSIVE ABSORBENT GARMENTS  
• VETEMENTS ABSORBANTS ECONOMIQUES

(71, 72) MURGULY, Kathy [US/US]; 29 Snowbourn Place, Hillsborough, NJ 08844 (US).

(74) GOSZ, William, G.; Ropes & Gray LLP, One International Place, Boston, MA 02110-2624 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61G

(11) WO 2005/027812 (13) A2

(21) PCT/US2004/030296

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,984 19 Sep/sep 2003 US (19.09.2003)

(30) 10/742,736 18 Dec/déc 2003 US (18.12.2003)

(30) 10/899,980 27 Jul/juil 2004 US (27.07.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MEDICAL ASSIST DEVICE  
• DISPOSITIF D'ASSISTANCE MEDICAL

(71) PIVOT ASSIST, LLC [US/US]; 2441 Tiffin Avenue - 191, Findlay, OH 45840 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAHN, Roland, J. [US/US]; 38 LaPlas Drive, Findlay, OH 45840 (US). GOHLKE, Janet, E. [US/US]; 4286 N. Lusitano Avenue, Boise, ID 83713 (US). CAMP, William, P., Jr. [US/US]; 18510 County Road 159, Vanlue, OH 45890 (US). BUELL, Shelby, J. [US/US]; 2030 Elbur Avenue, Lakewood, OH 44107 (US). RICH, Ronald [US/US]; 16233 Roselawn Drive, Burton, OH 44201 (US).

(74) RICE, Philip, M. et al. / etc.; Emch, Schaffer, Schaub & Porcello, P.O. Box 916, Toledo, OH 43697-0916 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61G 7/002, 7/053

(11) WO 2005/027813 (13) A1

(21) PCT/NO2003/000321

(22) 23 Sep/sep 2003 (23.09.2003)

(25) no (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A PATIENT BED DEVICE  
• DISPOSITIF DE TYPE LIT POUR PATIENT

(71) LEKSVIK ENGINEERING AS [NO/NO]; V/Hamid Hezari, Postboks 14, N-7121 Leksvik (NO).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MALMIN, Andreas [NO/NO]; Lokesg. 7, N-4330 ÅLGÅRD (NO).

(74) HÅMSØ PATENTBYRÅ ANS; P.O. Box 171, N-4302 SANDNES (NO).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61G 7/05

(11) WO 2005/027814 (13) A1

(21) PCT/AU2004/001294

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 2003905223 25 Sep/sep 2003 AU (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A BED FOR PATIENT CARE  
• LIT DE SOIN POUR PATIENT

(71, 72) RICKS, Mark, Kevin [AU/AU]; 115 Archer Road, Struckoill, Mount Morgan, Queensland 4714 (AU).

(74) CULLEN & CO.; Level 26, 239 George Street, Brisbane, Queensland 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61G 17/02

(11) WO 2005/027815 (13) A1

(21) PCT/US2004/030273

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/504,014 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF APPLYING ORAL COMPOSITIONS

• METHODE D'APPLICATION DE PREPARATIONS ORALES

(71) SMITHKLINE BECKMAN CORPORATION [US/US]; One Franklin Plaza, P.O. Box 7929, Philadelphia, PA 19101 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BUCH, Robert, Michael [US/US]; 1500 Littleton Road, Parsippany, NJ 07054 (US).  
GAMBOGI, Robert, J. [US/US]; 1500 Littleton Road, Parsippany, NJ 07054 (US).  
HUIE, Peter, R. [US/US]; 1500 Littleton Road, Parsippany, NJ 07054 (US).

(74) WINSLOW, Andrea, L. et al. / etc.; Glaxo-SmithKline, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61H

(11) WO 2005/027816 (13) A2

(21) PCT/US2004/029870

(22) 11 Sep/sep 2004 (11.09.2004)

(25) en (26) en

(30) 60/502,773 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CPR TRAINING DEVICE

• OUTIL D'APPRENTISSAGE DE LA REANIMATION CARDIO-RESPIRATOIRE (CPR)

(71, 72) CANTRELL, Elroy, T. [US/US]; 685 Elkins Lake, Huntsville, TX 77340 (US).  
WAUGH, Melissa, K. [US/US]; 4707 Doyle Terrace, Lynchburg, VA 24503 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A61H

(11) WO 2005/027817 (13) A2

(21) PCT/US2004/030462

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 10/665,748 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ADJUSTABLE BODY SUPPORT SYSTEM

• SYSTEME REGLABLE DE SUPPORT DU CORPS

(63) US 10/665,748 (CIP)  
18 Sep/sep 2003 (18.09.2003)

(71, 72) WILKINSON, William, T. [US/US]; 29 Sunset Drive, Salem, NJ 08079 (US).

(74) KRIKELIS, Costas, S.; RatnerPrestia, P.O. Box 1596, Wilmington, DE 19899 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61H 1/00, A61F 13/15

(11) WO 2005/027818 (13) A1

(21) PCT/CH2004/000576

(22) 14 Sep/sep 2004 (14.09.2004)

(25) de (26) de

(30) 03405697.8 25 Sep/sep 2003 EP (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR INTRODUCING COSMETICS INTO THE SKIN

• PROCEDE ET DISPOSITIF POUR FAIRE PENETREER DES PRODUITS COSMETIQUES DANS LA PEAU

(71) HEAT WAVE AG [CH/CH]; Seestrasse 18a, CH-8806 Bäch (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MILLET, Oswald [AT/AT]; Liniengasse 8, Tür 10, H-1060 Wien (AT).

(74) FREI PATENTANWALTSBÜRO AG; Postfach 524, CH-8029 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61J

(11) WO 2005/027819 (13) A2

(21) PCT/US2004/030152

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/663,445 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VENTED BOTTLE

• BIBERON POSSEDANT UN EVENT

(71) PLAYTEX PRODUCTS, INC. [US/US]; 300 Nyalala Farms Road, Westport, CT 06880 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIEBERMAN, Joshua; 231 Grant Avenue #18, Pompton Lakes, NJ 07442 (US).  
ROUSSO, John, G.; 96 Lounsbury Road, Trumbull, CT 06611 (US).  
BROWN, Joel; 837 Hudson Street, Hoboken, NJ 07030 (US).

(74) RUGGIERO, Charles, N., J.; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., One Landmark Square, 10th Floor, Stamford, CT 06901 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2005/027820 (13) A2

(21) PCT/IL2004/000872

(22) 20 Sep/sep 2004 (20.09.2004)

- (25) en (26) en  
(30) 10/667,328 **23 Sep/sep 2003** US  
(23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SYSTEM AND METHOD OF ANEURISM MONITORING AND TREATMENT  
• SYSTEME ET PROCEDE DE SURVEILLANCE ET DE TRAITEMENT D'ANEVRISME
- (71) VASCULOGIX LTD. [IL/IL]; 22 Shlomzion St., 34406 Haifa (IL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HOLZER, Asher [IL/IL]; 22 Shlomzion Street, 34406 Haifa (IL).
- (74) EITAN, PEARL, LATZER & COHEN-ZEDEK et al. / etc.; 7 Shenkar Street, 46725 Herzlia (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K  
(11) WO 2005/027822 (13) A2  
(21) PCT/IL2004/000895  
(22) 26 Sep/sep 2004 (26.09.2004)  
(25) en (26) en  
(30) 158139 **25 Sep/sep 2003** IL  
(25.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • STABILIZED FORMULATIONS OF PHOSPHATIDYL SERINE  
• FORMULES STABILISEES DE PHOSPHATIDYL SERINE
- (71) ENZYMOTECH LTD. [IL/IL]; Africa-Israel Science Park, P.O. Box 6, 23106 Migdal Haemek (IL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PLATT, Dorit [IL/IL]; P.O. Box 249, 17906 Shimshit (IL). SHULMAN, Avidor [IL/IL]; 29 HaGomeh Street, 36090 Kiryat Tivon (IL). BEN DROR, Gai [IL/IL]; P.O. box 126, 30835 Moshav Ofer (IL). SCHEINMAN, Neta [IL/IL]; 25 Zalman shneor Street, 32543 Haifa (IL). TWITO, Yoni [IL/IL]; P.O. Box 54, 30855 Geva Carmel (IL). ZUABI, Rassan [IL/IL]; 19320 Kfar Neen (IL).
- (74) LUZZATO, Kfir et al. / etc.; P.O. Box 5352, 84 152 Beer Sheva (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K  
(11) WO 2005/027821 (13) A2  
(21) PCT/IL2004/000881  
(22) 22 Sep/sep 2004 (22.09.2004)  
(25) en (26) en  
(30) 158053 **22 Sep/sep 2003** IL  
(22.09.2003)
- (30) 60/503,902 **22 Sep/sep 2003** US  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LARGE SCALE PREPARATION OF ALPHA-1 PROTEINASE INHIBITOR AND USE THEREOF  
• PREPARATION A GRANDE ECHELLE D'UN INHIBITEUR D'ALPHA-1 PROTEINASE ET SON UTILISATION
- (71) KAMADA LTD. [IL/IL]; Science Park, Kiryat Weizmann, 76327 Rehovot (IL). AMERICAN RED CROSS, PLASMA SERVICES [US/US]; 2025 E. Street N.W., Washington, DC 20006 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BAUER, Shabtai [IL/IL]; 35 Shahal Street, 93702 Jerusalem (IL).
- (74) WEBB, Cynthia; Webb & Associates, P.O. Box 2189, IL-Rehovot 76121 (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K  
(11) WO 2005/027823 (13) A2  
(21) PCT/SE2004/001363  
(22) 21 Sep/sep 2004 (21.09.2004)  
(25) en (26) en  
(30) 0302546-7 **24 Sep/sep 2003** SE  
(24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NEW COMPOUNDS  
• NOUVEAUX COMPOSES
- (71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BERG, Stefan [SE/SE]; AstraZeneca R & D Södertälje, S-151 85 Södertälje (SE). HELLBERG, Sven [SE/SE]; AstraZeneca R & D Södertälje, S-151 85 Södertälje (SE).
- (74) ASTRAZENECA; Global Intellectual Property, S-151 85 Södertälje (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*
- 
- (51)<sup>7</sup> A61K  
(11) WO 2005/027824 (13) A2  
(21) PCT/US2003/040757  
(22) 19 Dec/déc 2003 (19.12.2003)  
(25) en (26) en  
(30) 60/446,712 **11 Feb/fév 2003** US  
(11.02.2003)
- (30) 10/723,589 **25 Nov/nov 2003** US  
(25.11.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CYCLIC BIS-COMPOUNDS CLEARING MALFORMED PROTEINS  
• COMPOSES-BIS CYCLIQUES SUPPRIMANT DES PROTEINES MALFORMEES
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PRUSINER, Stanley, B. [US/US]; 2615 Divisadero Street, San Francisco, CA 94123 (US). KORTH, Carsten [DE/US]; 1534 Cole Street, San Francisco, CA 94117 (US). MAY, Barnaby, C., H. [NZ/US]; 1454 Jackson Street, San Francisco, CA 94109 (US).
- (74) BOZICEVIC, Karl; Bozicevic, Field & Francis LLP, 1900 University Avenue, Suite 200, East Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2005/027825 (13) A2

(21) PCT/US2004/012723

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/466,181 25 Apr/avr 2003 US (25.04.2003)

(30) 60/499,274 28 Aug/août 2003 US (28.08.2003)

(30) 60/550,931 5 Mar/mar 2004 US (05.03.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RECOMBINANT PARAINFLUENZA VIRUS EXPRESSION SYSTEMS AND VACCINES COMPRISING HETEROLOGOUS ANTIGENS DERIVED FROM METAPNEUMOVIRUS

• SYSTEMES D'EXPRESSION DE VIRUS PARAINFLUENZA RECOMBINANT ET VACCINS COMPORTANT DES ANTIGENES HETEROLOGUES DERIVES DU METAPNEUMOVIRUS

(71) MEDIMMUNE VACCINES, INC. [US/US]; One MedImmune Way, Gaithersburg, MD 20878 (US). VIRONOVATIVE BV [NL/NL]; P.O. Box 1738, NL-3000 DR Rotterdam (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FOUCHIER, Ronaldus, Adrianus, Maria [NL/NL]; Essenburgsingel 44a, NL-3021 AR Rotterdam (NL). VAN DEN HOOGEN, Bernadetta, Gerarda [NL/NL]; Essenburgsingel 44a, NL-3021 AR Rotterdam (NL). OSTERHAUS, Albertus, Dominicus, Marcellinus, Erasmus [NL/NL]; Dr. Breveestraat 16, NL-3981 CH Bunnik (NL). HALLER, Aurelia [AT/US]; 7661 Concord Drive, Boulder, CO 80301 (US). TANG, Roderick [MY/US]; 1919 Alameda De Las Pulgas #37, San Mateo, CA 94403 (US).

(74) CORUZZI, Laura, A. et al. / etc.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2005/027826 (13) A2

(21) PCT/US2004/022123

(22) 12 Jul/juil 2004 (12.07.2004)

(25) en (26) en

(30) 60/486,444 14 Jul/juil 2003 US (14.07.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS AND TREATING SEVERE ACUTE RESPIRATORY SYNDROME

• METHODES DE TRAITEMENT DU SYNDROME RESPIRATOIRE AIGU SEVERE

(71) EISAI, CO, LTD. [JP/JP]; Koishikawa 4-6-10, Bunkyo-Ku, Tokyo, 112-8088 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROSSIGNOL, Daniel, P. [US/US]; c/o Eisai INC, 500 Frank W. Burr Boulevard, Teaneck, NJ 07666 (US).

(74) GRIEFF, Edward, D. et al. / etc.; Wilmer Cutler Pickering Hale and Dorr LLP, 1455 Pennsylvania Avenue, Northwest, Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2005/027827 (13) A2

(21) PCT/US2004/022917

(22) 16 Jul/juil 2004 (16.07.2004)

(25) en (26) en

(30) 60/487,668 16 Jul/juil 2003 US (16.07.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HOST DEFENSE FACTOR X (HDFX)

• FACTEUR X DE DEFENSE DE L'HOTE (HDFX)

(71) THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK [US/US]; P.O. Box 9, Albany, NY 11201-0009 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALTURA, Burton [US/US]; 31-1003 River Court, Jersey City, NJ 07310-2022 (US).

(74) GROLZ, Edward, W.; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61K

(11) WO 2005/027828 (13) A2

(21) PCT/US2004/026485

(22) 16 Aug/août 2004 (16.08.2004)

(25) en (26) en

(30) 10/644,600 20 Aug/août 2003 US (20.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONJUGATES OF BIOLOGICALLY ACTIVE COMPOUNDS, METHODS FOR THEIR PREPARATION AND USE, FORMULATION AND PHARMACEUTICAL APPLICATIONS THEREOF

• CONJUGUES DE COMPOSES BIOLOGIQUEMENT ACTIFS, LEURS PROCÉDES DE PRÉPARATION ET D'UTILISATION, FORMULATION ET APPLICATIONS PHARMACEUTIQUES CONNEXES

(71) SYNOVO GMBH [DE/DE]; Paul-Ehrlich-Strasse 15, 72076 Tübingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUTKE, Hans-Jürgen [DE/DE]; Sauerampferweg 14a, 70599 Stuttgart (DE).

FLOHR, Christian [GE/GE]; Harzstrasse 57, 72074 Tübingen (GE). BECK, Albert [DE/DE]; Talstrasse 8, 72147 Nehren (DE).

MARGUTTI, Simona [IT/DE]; Dorfackerstrasse 18, 72074 Tübingen (DE). EGGERS, Mary [US/DE]; Blasenbergrasse 29, 72119 Ammerbuch (DE). GUSE, Jan-Hinrich [DE/DE]; Ziegelhuttstrasse 68, 72072 Tübingen-Bühl (DE). KHOBZAOUI, Moussa [FR/DE]; Raichbergstrasse 40A, 72072 Tübingen (DE). BURNET, Michael

- [US/DE]; August-Lammler-Strasse 2, 72127 Kusterdingen (DE).
- (74) HSI, Jeffrey, D. et al. / etc.; Edwards & Angell, LLP, P.O. Box 55874, Boston, MA 02205 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K
- (11) WO 2005/027829 (13) A2
- (21) PCT/US2004/028776
- (22) 3 Sep/sep 2004 (03.09.2004)
- (25) en (26) en
- (30) 60/499,339 3 Sep/sep 2003 US (03.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR VACCINATION OF POULTRY BY BACTERIOPHAGE LYSATE
- PROCEDE DE VACCINATION DE LA VOLAILLE PAR UN LYSAT BACTERIOPHAGE
- (71) INTRALYTIX, INC. [US/US]; The Warehouse at Camden Yards, 323 West Camden Street, Suite 675, Baltimore, MD 21201 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PASTERNAK, Gary, R. [US/US]; 311 Edgevale Road, Baltimore, MD 21210 (US). SULAKVELIDZE, Alexander [US/US]; 536 Hampton Lane, Towson, MD 21286 (US). BROWN, Torrey [US/US]; 440 Braewood Way, Severna Park, MD 21146 (US).
- (74) POSORSKE, Laurence et al. / etc.; Hunton & Williams, LLP, 1900 K Street, N.W., Suite 1200, Washington, DC 20006-1109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K
- (11) WO 2005/027830 (13) A2
- (21) PCT/US2004/029465
- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) en (26) en
- (30) 60/502,285 12 Sep/sep 2003 US (12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CHIMERIC TRANSCRIPTION FACTOR DECOY OLIGONUCLEOTIDES
- OLIGONUCLEOTIDES CHIMERES, LEURRES DES FACTEURS DE TRANSCRIPTION
- (71) VIRGINIA COMMONWEALTH UNIVERSITY [US/US]; 800 E. Leigh Street-#113, Richmond, VA 23219 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FILLMORE, Helen [US/US]; 1769 South Dover Pointe Road, Richmond, VA 23233 (US). MARTIN, Jessica, I. [US/US]; 48 E. Lock Lane, Apt. 4, Richmond, VA 23226 (US).
- (74) WHITHAM, Michael, E. et al. / etc.; Whitham, Curtis & Christofferson P.C., 11491 Sunset Hills Road, Suite 340, Reston, VA 20190 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K
- (11) WO 2005/027831 (13) A2
- (21) PCT/US2004/029520
- (22) 9 Sep/sep 2004 (09.09.2004)
- (25) en (26) en
- (30) 10/662,906 15 Sep/sep 2003 US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MODULATORS OF P-SELECTIN GLYCOPROTEIN LIGAND 1
- MODULATEURS DU LIGAND 1 DE LA GLYCOPROTEINE P-SELECTINE
- (63) US 10/662,906 (CON) 15 Sep/sep 2003 (15.09.2003)
- US 10/051,497 (CIP)
- US 18 Jan/jan 2002 (18.01.2002)
- US 60/310,196 (CIP) 3 Aug/août 2001 (03.08.2001)
- (71) ABGENOMICS CORPORATION; 2F, No. 32, Ln. 358, Juikuang Rd., Neihu, Taipei, Taiwan 114, R.O.C. (TW). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LIN, Rong-Hwa; 7f, No. 12, Lane 54, Sec. 3, Sinsheng S. Rd, Da-an District, Taipei, Taiwan\_106 (TW). CHANG, Chung, Nan [US/US]; 602 Saint Croix Lane, Foster City, CA 94404 (US).
- (74) BRENNAN, Jack; Fish & Richardson P.C., Citigroup Center, 52nd Floor, 153 East 53rd Street, New York, NY 10022-4611 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K
- (11) WO 2005/027832 (13) A2
- (21) PCT/US2004/029664
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 60/502,820 12 Sep/sep 2003 US (12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • EDTA CONTAINING COMPOSITIONS AND USES THEREOF
- COMPOSITIONS CONTENANT DE L'ACIDE EDTA ET UTILISATIONS DE CES DERNIERES
- (71) RAY AND TERRY'S HEALTH PRODUCTS, INC. [US/US]; 15 Walnut Street, Wellesley Hills, MA 02481 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KURZWEIL, Raymond, C. [US/US]; 203 Lake Avenue, Newton, MA 02161 (US). GROSSMAN, Terry [US/US]; 7682 E. Arizona Drive, Denver, CO 80231 (US).
- (74) MALONEY, Denis, G.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K
- (11) WO 2005/027833 (13) A2
- (21) PCT/US2004/029810
- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) en (26) en
- (30) 60/502,343 12 Sep/sep 2003 US (12.09.2003)

- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COMPOUND AND METHOD FOR TREATING ANDROGEN-INDEPENDENT PROSTATE CANCER
- COMPOSE ET METHODE DE TRAITEMENT DU CANCER DE LA PROSTATE ANDROGENO-INDEPENDANT
- (71) AVI BIOPHARMA, INC. [US/US]; 4575 S.W. Research Way #200, Corvallis, OR 97333 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) IVERSEN, Patrick, L. [US/US]; 5902 N.W. Fair Oaks Place, Corvallis, OR 97330 (US). DEVI, Gayathri, R. [IN/US]; 101 Pember Place, Morrisville, NC 27560 (US).
- (74) DEHLINGER, Peter, J. et al. / etc.; Perkins Coie LLP, P.O. Box 2168, Menlo Park, CA 94026 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K
- (11) WO 2005/027834 (13) A2
- (21) PCT/US2004/029812
- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) en (26) en
- (30) 60/502,571 12 Sep/sep 2003 US (12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PARTIALLY HYDRATED HEMOSTATIC AGENT
- AGENT HEMOSTATIQUE PARTIELLEMENT HYDRATE
- (71) Z-MEDICA, LLC [US/US]; 35 Budney Road, Newington, Connecticut 06111 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) HURSEY, Francis X.; 27 Keeney Avenue, West Hartford, Connecticut 06107 (US).
- (74) MICHAUD, Richard R.; The Michaud-Duffy Group LLP, 306 Industrial Park Road, Suite 206, Middletown, CT 06457 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K
- (11) WO 2005/027836 (13) A2
- (21) PCT/US2004/030035
- (22) 14 Sep/sep 2004 (14.09.2004)
- (25) en (26) en
- (30) 10/664,029 17 Sep/sep 2003 US (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • IMMUNOGEN
- IMMUNOGENE
- (63) US 10/664,029 (CIP) 17 Sep/sep 2003 (17.09.2003)
- (71) DUKE UNIVERSITY [US/US]; Box 90083, Durham, NC 27708-0083 (US).
- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K
- (11) WO 2005/027835 (13) A2
- (21) PCT/US2004/029844
- (22) 14 Sep/sep 2004 (14.09.2004)
- (25) en (26) en
- (30) 60/504,522 18 Sep/sep 2003 US (18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • THERAPEUTIC IMMUNIZATION OF HIV-INFECTED INDIVIDUALS
- IMMUNISATION THERAPEUTIQUE D'INDIVIDUS INFECTES PAR LE VIH
- (71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) EMINI, Emilio, A. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). SHIVER, John, W. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). CASIMIRO, Danilo, R. [PH/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). HAZUDA, Daria [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). SCHLEIF, William, A. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).
- (74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K
- (11) WO 2005/027837 (13) A2
- (21) PCT/US2004/030122
- (22) 14 Sep/sep 2004 (14.09.2004)
- (25) en (26) en
- (30) 60/504,377 18 Sep/sep 2003 US (18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SUBSTITUTED SULFONAMIDES
- SULFONAMIDES SUBSTITUES
- (71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ARMSTRONG, Helen, M. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). CHANG, Linda, L. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). GUTHIKONDA, Ravindra, N. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). HAGMANN, William, K. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). LIN, Linus, S. [CN/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). SHAH, Shrenik, K. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).
- (74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.



(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2005/027838 (13) A2

(21) PCT/US2004/030203

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,237 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYNTHESIS AND MANUFACTURE OF PENTOSTATIN AND ITS PRECURSORS, ANALOGS AND DERIVATIVES  
• SYNTHÈSE ET PRODUCTION DE PENTOSTATINE, PRECURSEURS, ANALOGUES ET DERIVES DE CETTE DERNIERE

(71) SUPERGEN, INC. [US/US]; 4140 Dublin Boulevard, Suite 200, Dublin, CA 94568 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) PHIASIVONGSA, Pasit [US/US]; 2712 Saint Regis Avenue, Brentwood, CA 94513 (US). REDKAR, Sanjeev [IN/US]; 2740 Breaker Lane, Hayward, CA 94545 (US).

(74) CHEN, Shirley et al. / etc.; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94306-1050 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2005/027839 (13) A2

(21) PCT/US2004/030210

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,026 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS AND REAGENTS FOR THE TREATMENT OF IMMUNOINFLAMMATORY DISORDERS  
• PROCEDES ET REACTIFS POUR LE TRAITEMENT DES TROUBLES IMMUNO-INFLAMMATOIRES

(71) COMBINATORX, INCORPORATED [US/US]; 650 Albany Street, Boston, MA 02118 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) JOST-PRICE, Edward, Roydon [US/US]; 16 Furbush Road, West Roxbury, MA 02132 (US). BRASHER, Bradley, B. [US/US]; 26 Fern Street, Natick, MA 01760 (US). CHAPPELL, Todd, W. [US/US]; 39 Rutland Street, Apt. 1, Boston, MA 02118 (US). MANIVASAKAM, Palaniyandi [US/US]; 262 Vermont Street, West Roxbury, MA 02132 (US). SACHS, Noah [US/US]; 162 Dorchester Street, Boston, MA 02127 (US). SMITH, Brendan [US/US]; 1723 Washington Street, #208, Boston, MA 02118 (US). AUSPITZ, Benjamin, A. [US/US]; 10 Chauncy Street, #33, Cambridge, MA 02138 (US). SLAVONIC, Michael, S. [US/US]; 999 Southern Artery 306, Quincy, MA 02169 (US).

(74) BELLIVEAU, Michael, J.; Clark & Elbing LLP, 101 Federal Street, Boston, MA 02110-1817 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2005/027840 (13) A2

(21) PCT/US2004/030233

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,617 15 Sep/sep 2003 US (15.09.2003)

(30) 60/504,501 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMBINATION APPROACHES FOR GENERATING IMMUNE RESPONSES  
• APPROCHES COMBINEES POUR PRODUIRE DES REPONSES IMMUNITAIRES

(71) CHIRON CORPORATION [US/US]; 4560 Horton Street, Emeryville, CA 94608-2916 (US). NATIONAL INSTITUTES OF HEALTH, NATIONAL CANCER INSTITUTE [US/US]; Center for Cancer Research, Vaccine Branch, Section on Immune Biology of Retroviral Infection, 41 Medlars Drive MSC 5065, Building 41, Room D804, Bethesda, MD 20892-5065 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BARNETT, Susan, W. [US/US]; Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US). GÓMEZ-ROMÁN, Victor, Raúl c/o National Institutes of Health,

National Cancer Institute [MX/US]; Center for Cancer Research, Vaccine Branch, Section on Immune Biology of Retroviral Infection, 41 Medlars Drive MSC 5065, Building 41, Room D804, Bethesda, MD 20892-5065 (US). LIAN, Ying [CN/US]; Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US). PENG, Bo c/o National Institutes of Health, National Cancer Institute [US/US]; Center for Cancer Research, Vaccine Branch, Section on Immune Biology of Retroviral Infection, 41 Medlars Drive MSC 5065, Building 41, Room D804, Bethesda, MD 20892-5065 (US). ROBERT-GUROFF, Marjorie c/o National Institutes of Health, National Cancer Institute [US/US]; Center for Cancer Research, Vaccine Branch, Section on Immune Biology of Retroviral Infection, 41 Medlars Drive MSC 5065, Building 41, Room D804, Bethesda, MD 20892-5065 (US). SRIVASTAVA, Indresh, K. [IN/US]; Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US).

(74) MORAN, Michael, J. et al. / etc.; Chiron Corporation, Intellectual Property R-338, P.O. Box 8097, Emeryville, CA 94662-8097 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2005/027841 (13) A2

(21) PCT/US2004/030325

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/503,534 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CELLS, COMPOSITIONS AND METHODS FOR REPRESSING B CELL AUTOANTIBODY SECRETION AND FOR TREATING AUTOIMMUNE DISEASE  
• CELLULES, COMPOSITIONS ET PROCEDES POUR REPRIMER LA SECRETION D'AUTO-ANTICORPS PAR LES LYMPHOCYTES B ET POUR TRAITER LES MALADIES AUTO-IMMUNES

(71) UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL [US/US]; 308 Bynum Hall, Campus Box 4105, Chapel Hill, North Carolina 27599-4105 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) VILEN, Barbara, J. [US/US]; 606 East Forest Hills Blvd., Durham, North Carolina 27707 (US). KILMON, Michelle [US/US]; 129 Walton's Creek Rd., Morrisville, North Carolina 27560 (US). RUTAN, Jennifer, A.

- [US/US]; 605 Jones Ferry Rd, Apt RR02, Carrboro, North Carolina 27510 (US).
- (74) MYERS BIGEL SIBLEY & SAJOVEC, P.A.; P.O. Box 37428, Raleigh, North Carolina 27627 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K
- (11) WO 2005/027842 (13) A2
- (21) PCT/US2004/030368
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 60/504,310 18 Sep/sep 2003 US (18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COMBINATIONS OF DRUGS FOR THE TREATMENT OF NEOPLASMS
- ASSOCIATIONS DE MEDICAMENTS DESTINEES AU TRAITEMENT DE TUMEURS
- (71) COMBINATORX, INCORPORATED [US/US]; 650 Albany Street, Boston, MA 02118 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LEE, Margaret, S. [US/US]; 20 Pleasant Street, Middleton, MA 01949 (US). NICHOLS, James, M. [US/US]; 8 Garrison Street, Apartment 409, Boston, MA 02116 (US). ZHANG, Yanzhen [SE/US]; 73 Woodside Road, Sudbury, MA 01776 (US). KEITH, Curtis [CA/US]; 57 Warren Avenue, #1, Boston, MA 02116 (US).
- (74) CLARK, Paul, T.; Clark & Elbing LLP, 101 Federal Street, Boston, MA 02110-1817 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K
- (11) WO 2005/027843 (13) A2
- (21) PCT/US2004/030456
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/504,037 19 Sep/sep 2003 US (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CHRONOTHERAPEUTIC DOSAGE FORMS
- FORMES DE DOSAGE CHRONOTHERAPEUTIQUE
- (71) PENWEST PHARMACEUTICALS CO. [US/US]; 2981 Route 22, Patterson, NY 12563 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BAICHWAL, Anand, R. [US/US]; 5 Kendall Drive, Wappingers Falls, NY 12590 (US). WOODCOCK, Paul [US/US]; 31 Mist Hill Drive, Brookfield, CT 06804 (US). LABUDZINSKI, Steve [US/US]; 77 Albany Street, Poughkeepsie, NY 12601 (US).
- (74) DAVIDSON, Clifford, M. et al. / etc.; Davidson, Davidson & Kappel, LLC, 485 Seventh Avenue, 14th floor, New York, NY 10018 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K
- (11) WO 2005/027844 (13) A2
- (21) PCT/US2004/030512
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 60/503,197 16 Sep/sep 2003 US (16.09.2003)
- (30) 10/941,164 15 Sep/sep 2004 US (15.09.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DNA VACCINE COMPOSITIONS AND METHODS OF USE
- COMPOSITIONS ISSUES D'UN VACCIN ADN ET LEURS PROCÉDES D'UTILISATION
- (71) UNIVERSITY OF KANSAS MEDICAL CENTER [US/US]; 3901 Rainbow Boulevard, Kansas City, Kansas 66160 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) NARAYAN, Opendra [US/US]; 8452 Maurer - Apt. 1113, Lenexa, KS 66219 (US). LIU, Zhenqian [US/US]; 14903 West 89th Street, Lenexa, KS 66215 (US).
- (74) DIGIROLAMO, Samuel; Blackwell Sanders Peper Martin LLP, 720 Olive Street - 24th Floor, St. Louis, MO 63101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K
- (11) WO 2005/027846 (13) A2
- (21) PCT/US2004/030556
- (22) 18 Sep/sep 2004 (18.09.2004)
- (25) en (26) en
- (30) 60/503,738 18 Sep/sep 2003 US (18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD OF IDENTIFYING CELL SURFACE MOLECULES INVOLVED IN CANCER METASTASIS
- PROCÉDE D'IDENTIFICATION DE MOLECULES DE SURFACE CELLULAIRE IMPLIQUÉES DANS LA METASTASE CANCEREUSE
- (71) ALEXION PHARMACEUTICALS, INC. [US/US]; 352 Knottter Drive, Cheshire, CT 06410 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BOWDISH, Katherine, S. [US/US]; 13754 Boquita Drive, Del Mar, CA 92014 (US). KRETZ-ROMMEL, Anke [US/US]; 4535 Kensington Drive, San Diego, CA 92116 (US).
- (74) FARBER, Mark et al. / etc.; Alexion Pharmaceuticals, Inc., 352 Knottter Drive, Cheshire, CT 06410 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K
- (11) WO 2005/027846 (13) A2
- (21) PCT/US2004/030556
- (22) 18 Sep/sep 2004 (18.09.2004)
- (25) en (26) en
- (30) 60/503,738 18 Sep/sep 2003 US (18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)

- (54) • ELICITATION OF ANTIBODIES TO SELF PEPTIDES IN MICE BY IMMUNIZATION WITH DENDRITIC CELLS
- SOLLICITATION D'ANTICORPS VERS DES PEPTIDES DU SOI DANS DES SOURIS PAR L'IMMUNISATION AVEC DES CELLULES DENDRITIQUES
- (71) ALEXION PHARMACEUTICALS, INC. [US/US]; 352 Knottter Drive, Cheshire, CT 06410 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BOWDISH, Katherine, S. [US/US]; 13754 Boquita Drive, Del Mar, CA 92014 (US). KRETZ-ROMMEL, Anke [CH/US]; 4535 Kensington Drive, San Diego, CA 92116 (US).
- (74) FARBER, Mark et al. / etc.; Alexion Pharmaceuticals, Inc., 352 Knottter Drive, Cheshire, CT 06410 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) WO 2005/027848 (13) A2  
(21) PCT/US2004/030622  
(22) 20 Sep/sep 2004 (20.09.2004)  
(25) en (26) en  
(30) 60/504,404 19 Sep/sep 2003 US (19.09.2003)  
(30) 60/505,952 25 Sep/sep 2003 US (25.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHODS FOR SCREENING OSTEOGENIC COMPOUNDS TARGETING SYK KINASE AND/OR VAV3 AND USES OF SYK MODULATORS AND/OR VAV MODULATORS
- PROCEDES DE CRIBLAGE DE COMPOSES OSTEOGENES CIBLANT LA KINASE SYK ET/OU LA VAV3, ET UTILISATIONS DE MODULATEURS DE SYK ET/OU DE VAV
- (71) BARNES-JEWISH HOSPITAL [US/US]; 216 South Kingshighway, P.o. Box 14109, St. Louis, MO 63178 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TEITELBAUM, Steven, L. [US/US]; 536 Overhill Drive, St. Louis, MO 63130 (US). ROSS, Frederick, P. [US/US]; 7 Stacy Drive, St. Louis, MO 63132 (US). FAC-CIO, Roberta [US/US]; 4475 West Pine Blvd., Apt. 709, St. Louis, MO 63108 (US). ZHOU, Wei; Saint-Louis, MO (US). SWAT, Wojciech, A. [US/US]; 328 Melville Avenue, St. Louis, MO 63130 (US).
- (74) DIETZEL, Christine, E.; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K  
(11) WO 2005/027847 (13) A2  
(21) PCT/US2004/030557  
(22) 18 Sep/sep 2004 (18.09.2004)  
(25) en (26) en  
(30) 60/503,766 18 Sep/sep 2003 US (18.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ANTIBODIES FOR USE AGAINST SARS
- ANTICORPS DESTINES A LUTTER CONTRE LE SRAS
- (71) ALEXION PHARMACEUTICALS, INC. [US/US]; 352 Knottter Drive, Cheshire, CT 06410 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BOWDISH, Katherine, S. [US/US]; 13754 Boquita Drive, Del Mar, CA 92014 (US). MARUYAMA, Toshiaki [JP/US]; 3253 Caminito Eastbluff, #28, LaJolla, CA 92037 (US). WILD, Martha [US/US]; 2414 San Marcos Avenue, San Diego, CA 92104 (US).
- (74) FARBER, Mark et al. / etc.; Alexion Pharmaceuticals, Inc., 352 Knottter Drive, Cheshire, CT 06410 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K  
(11) WO 2005/027849 (13) A2  
(21) PCT/US2004/030624  
(22) 20 Sep/sep 2004 (20.09.2004)  
(25) en (26) en
- (30) 60/504,484 19 Sep/sep 2003 US (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ROUGE FREE PHARMACEUTICAL WATER FOR INJECTION (WFI) WATER SYSTEM
- SYSTEME D'EAU POUR PREPARATIONS PHARMACEUTIQUES INJECTABLES ANTICORROSION
- (71) ARION WATER, INC. [US/US]; 67 Willow Avenue, Hyannis, MA 02601 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LIVINGSTON, Robert, C. [US/US]; 67 Willow Avenue, Hyannis, MA 02601 (US).
- (74) DIEBNER, Gerard, F.; Greenberg Traurig, LLP, 885 Third Avenue, New York, NY 10022 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K  
(11) WO 2005/027850 (13) A2  
(21) PCT/US2004/030698  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) en (26) en  
(30) 60/504,172 17 Sep/sep 2003 US (17.09.2003)  
(30) 60/504,726 18 Sep/sep 2003 US (18.09.2003)  
(30) 60/512,279 17 Oct/oct 2003 US (17.10.2003)  
(30) 60/538,495 22 Jan/jan 2004 US (22.01.2004)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • TREATING OR PREVENTING RESTLESS LEGS SYNDROME USING PRODRUGS OF GABA ANALOGS
- TRAITEMENT OU PREVENTION DU SYNDROME DES JAMBES SANS REPOS A L'AIDE DE PROMEDICAMENTS A BASE D'ANALOGUES DU GABA
- (71) XENOPORT, INC. [US/US]; 3410 Central Expressway, Santa Clara, CA 95051 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BARRETT, Ronald W. [US/US]; 12900 Arroyo de Arguello, Saratoga, CA 95070 (US). CANAFAX, Daniel M. [US/US]; 409 Burning Tree Court, Half Moon Bay, CA 94019 (US).
- (74) PEASE, Ann M. Caviani et al. / etc.; DORSEY & WHITNEY LLP, Suite 3400,

Four Embarcadero Center, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> A61K

(11) WO 2005/027851 (13) A2

(21) PCT/US2004/030813

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,516 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TREATMENT OF SEVERE DISTAL COLITIS  
• TRAITEMENT DE LA COLITE DISTALE AIGUË

(71) CHILDREN'S MEDICAL CENTER CORPORATION [US/US]; 55 Shattuck Street, Boston, MA 02115 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RUFO, Paul, A. [US/US]; 35 Maxfield Street, West Roxbury, MA 02132 (US).  
LENCER, Wayne, I. [US/US]; 60 Louder's Lane, Jamaica Plain, MA 02130 (US).

(74) GATES, Edward, R.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2005/027852 (13) A2

(21) PCT/US2004/030839

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 10/666,804 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPOSITIONS OF POLYACIDS AND POLYETHERS AND METHODS FOR THEIR USE IN REDUCING PAIN

• COMPOSITIONS DE POLYACIDES ET DE POLYETHERS ET METHODES D'UTILISATION AFIN DE REDUIRE LA DOULEUR

(71) FZIOMED, INC. [US/US]; 231 Bonetti Drive, San Luis Obispo, California 93401 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHWARTZ, Herbert, E. [NL/US]; 150 Montalvo Road, Redwood City, California 94062 (US).  
BLACKMORE, John, M. [US/US]; 620 East View Way, Redwood City, California 94062 (US).  
CORTESE, Stephanie, M. [US/US]; 5330 Pescado Lane, Atascadero, California 93422 (US).  
OPPELT, William, G. [US/US]; 348 Miller Way, Arroyo Grande, California 93420 (US).  
DIZEGERA, Gere [US/US]; 4491 Greenbrier Place, San Luis Obispo, California 93401 (US).

(74) BORSON, D., Benjamin et al. / etc.; FLIESLER MEYER LLP, Four Embarcadero Center, Fourth Floor, San Francisco, California 94111-4156 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61K

(11) WO 2005/027853 (13) A2

(21) PCT/US2004/030877

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,149 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR TREATING SNORING AND SLEEP APNEA WITH LEUKOTRIENE ANTAGONISTS

• METHODE DE TRAITEMENT DU RONFLEMENT ET DE L'APNEE DU SOMMEIL AVEC DES ANTAGONISTES DE LA LEUCOTRIENE

(71) UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION INC [US/US]; 2301 South Third Street, Jouett Hall, Suite LL02, Louisville, Kentucky 40208 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOZAL, David [US/US]; 1505 Sylvan Court, Louisville, KY 40205 (US).

(74) MYERS, Richard, Jr.; 424 Church Street, Suite 1800, Nashville, TN 37219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2005/027854 (13) A2

(21) PCT/US2004/031036

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/663,497 **15 Sep/sep 2003** US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • T CELL REGULATORY GENES ASSOCIATED WITH IMMUNE DISEASE

- GENES REGULATEURS DES LYMPHOCYTES T ASSOCIES A UNE MALADIE IMMUNE

(71) THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY [US/US]; 1705 El Camino Real, Palo Alto, CA 94306-1850 (US). DANA-FARBER CANCER INSTITUTE, INC. [US/US]; 44 Binney Street, Boston, MA 02115 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCINTIRE, Jennifer, Jones [US/US]; 1106 Clark Way, Palo Alto, CA 94304 (US). DEKRUYFF, Rosemarie [US/US]; 825 Allardice Way, Stanford, CA 94305 (US). UMETSU, Dale, T. [US/US]; 825 Allardice Way, Stanford, CA 94305 (US). FREEMAN, Gordon [US/US]; 44 Binney Street, Boston, MA 02115 (US).

(74) CAMPBELL, Cathryn et al. / etc.; McDermott Will & Emery LLP, Suite 700, 4370 La Jolla Village Drive, San Diego, CA 92122 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2005/027855 (13) A2

(21) PCT/US2004/005122

(22) 20 Feb/fév 2004 (20.02.2004)

(25) en (26) en

(30) 60/449,517 **21 Feb/fév 2003** US  
(21.02.2003)

(30) 60/471,038 **16 May/mai 2003** US  
(16.05.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS FOR TREATMENT OF HIV OR MALARIA USING COMBINATIONS OF CHLOROQUINE AND PROTEASE INHIBITORS

- PROCÉDES POUR LE TRAITEMENT DE VIH OU DE PALUDISME METTANT EN OEUVRE DES COMBINAISSONS DE CHLOROQUINE ET DES INHIBITEURS DE PROTEASE

(71) JARROW FORMULAS, INC. [US/US]; 1824 South Robertson Blvd., Los Angeles, CA 90035-4317 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAVARINO, Andrea [IT/IT]; Via Rocciamelone 10, Villaggio Ippico, I-10048 Vinovo (TO) (IT).

(74) GRONDAHL, Eric, E. et al. / etc.; McCarter & English LLP, CityPlace 1, 185 Asylum Street, Hartford, CT 06103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2005/027856 (13) A2

(21) PCT/US2004/008293

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/456,000 **17 Mar/mar 2003** US  
(17.03.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INHIBITORS OF ANTHRAX LETHAL FACTOR

- INHIBITEURS DU FACTEUR LETAL DU CHARBON

(71) CENGENT THERAPEUTICS [US/US]; 10929 Technology Place, San Diego, CA 92127 (US). RIDEOUT, Darryl [US/US]; 5058 Sea Mist Court, San Diego, CA 92121 (US). VLADIMIR, Tseitin [RU/RU]; 7367 Kamwood Street, San Diego, CA 92126 (US). SHENDEROVICH, Mark [US/US]; 17488 Ashburton Road, San Diego, CA 92128 (US). SEMPLE, Edward [US/US]; 9711 Caminito Pudregal, San Diego, CA 92131 (US). NUTT, Ruth, F. [US/US]; 4 Colibri Tierra, Sante Fe, NM (US).

VENKATACHALAPATHI, Yalamoori [IN/IN]; 12246 Summerbreeze Lane, San Diego, CA 92128 (US). CHUNG-YING, Tsai [US/US]; 16353 Los Rosales Street, San Diego, CA 92127 (US). DE LUNA, Michelle, G. [US/US]; 14486 Seabridge Lane, San Diego, CA 92128 (US). BRADY, Thomas, P. [US/US]; 7561 Windsong Road, San Diego, CA 92126 (US). WU, Feiyue [CN/CN]; 13240 Creekside Lane, Poway, CA 92064 (US).

(for all designated States except / pour tous les États désignés sauf US)

(74) WESEMAN, James, C.; The Law Offices of James C. Weseman, 401 West A Street, Suite 1600, San Diego, CA 92101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61K 6/093

(11) WO 2005/027857 (13) A1

(21) PCT/FR2003/002649

(22) 5 Sep/sep 2003 (05.09.2003)

(25) fr (26) fr

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • POLYMERIZABLE DENTAL COMPOSITION HAVING A HIGH CONTENT OF LOADING MATERIAL

- COMPOSITION DENTAIRE POLYMERISABLE ET A HAUTE TENEUR EN CHARGE

(71) RHODIA CHIMIE [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 Boulogne Billancourt (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRANCES, Jean-Marc [FR/FR]; 1, rue des Flandres, F-69330 Meyzieu (FR).

(74) TROLLIET, Maurice; RHODIA SERVICES, Centre de Recherches de Lyon, 85, avenue des Frères Perret, F-69192 Saint Fons (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 7/00

(11) WO 2005/027858 (13) A2

(21) PCT/EP2004/010629

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

- (30) 0322296.5 **23 Sep/sep 2003** GB  
(23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NOVEL COMPOSITIONS  
• NOUVELLES COMPOSITIONS
- (71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford Middlesex UB6 0NN (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CREETH, Jonathan, Edward** [GB/GB]; GlaxoSmithKline, St. George's Avenue, Weybridge Surrey KT13 0DE (GB).
- (74) **REEVES, Julie, Frances**; GlaxoSmithKline, Corporate Intellectual Property (CN925.1), 980 Great West Road, Brentford Middlesex TW8 9GS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 7/00, 9/70**
- (11) **WO 2005/027859** (13) A2
- (21) PCT/GB2004/004034
- (22) **22 Sep/sep 2004** (22.09.2004)
- (25) en (26) en
- (30) 0322342.7 **23 Sep/sep 2003** GB  
(23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PATCH  
• TIMBRE
- (71, 72) **GAMBLE, Reed** [GB/GB]; Rievaulx House, Bilsdale, North Yorkshire TS9 7HY (GB).
- (74) **HARRISON GODDARD FOOTE**; 31 St. Saviourgate, York YO1 8NQ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 7/13**
- (11) **WO 2005/027861** (13) A1
- (21) PCT/EP2004/010005
- (22) **8 Sep/sep 2004** (08.09.2004)
- (25) de (26) de
- (30) 103 43 235.3 **17 Sep/sep 2003** DE  
(17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • AGENTS FOR REDUCING SCALP COLORING DURING HAIR COLORING PROCESSES  
• AGENTS PERMETTANT DE REDUIRE LA COLORATION DU CUIR CHEVELU LORS DE PROCESSUS DE COLORATION CAPILLAIRE
- (71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HÖFFKES, Horst** [DE/DE]; Carl-Schmid-Strasse 113, 40595 Düsseldorf (DE). **HORSTMANN, Barbara** [DE/DE]; Meerbuscher Strasse 73, 40670 Meerbusch (DE). **NEUHAUS, Winifried** [DE/DE]; Dreifaltigkeitsstrasse 7, 40625 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> **A61K 7/16**
- (11) **WO 2005/027862** (13) A1
- (21) PCT/EP2004/009267
- (22) **18 Aug/août 2004** (18.08.2004)
- (25) en (26) en
- (30) 10/666,487 **19 Sep/sep 2003** US  
(19.09.2003)
- (30) 10/666,489 **19 Sep/sep 2003** US  
(19.09.2003)
- (30) 10/665,711 **19 Sep/sep 2003** US  
(19.09.2003)
- (30) 10/665,710 **19 Sep/sep 2003** US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ORAL COMPOSITION COMPRISING A COPOLYMER COMPRISING CATIONIC AND ANIONIC OR NEUTRAL COMONOMERS  
• COMPOSITION ORALE COMPRENANT UN COPOLYMER A BASE DE COMONOMERES CATIONIQUES ET ANIONIQUES OU NEUTRES
- (71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).  
(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NA NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)
- (71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London Greater London EC4P 4BQ (GB).  
(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)
- (71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai 400 020 (IN).  
(only for / seulement pour IN)

(72, 75) **CHARMOT, Dominique** [FR/US]; 1238 Bracebridge Court, Campbell, CA 95008 (US). **GIBBS, Christopher, David** [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral Merseyside CH63 3JW (GB). **KOLOSOV, Oleg** [RU/US]; 1045 Arlington Lane, San Jose, CA 95129 (US). **LIU, Mingjun** [CN/US]; 2250 Monroe Street, Santa Clara, CA 95050 (US). **NGUYEN, Son, Hoai** [VN/US]; 3365 Cabrillo, Santa Clara, CA 95051 (US). **PETRO, Miroslav** [SK/US]; 1675 Hyacinth Lane, San Jose, CA 95124 (US). **RAN-NARD, Steven, Paul** [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral Merseyside CH63 3JW (GB). **NAVA-SALGADO, Victor** [MX/US]; 3100 Central Expressway, Santa Clara, CA 95051 (US). **CHANG, Han, Ting** [—/US]; 220 Garnet Drive, Livermore, CA 94550 (US). **DUNCALF, David** [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral Merseyside CH63 3JW (GB).

(74) **NEWBOULD, Frazer, A.**; Unilever Intellectual Property Group, Olivier van Noortlaan 120, NL-3130 AT Vlaarding (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 7/16

(11) **WO 2005/027863** (13) A1

(21) PCT/EP2004/009437

(22) **24 Aug/août 2004 (24.08.2004)**

(25) de (26) de

(30) 103 40 542.9 **1 Sep/sep 2003** DE (01.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ORAL AND DENTAL HYGIENE PRODUCT

• AGENTS D'HYGIENE BUCCO-DENTAIRES

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE). **SUSTECH GMBH & CO. KG** [DE/DE]; Petersenstrasse 20, 64287 Darmstadt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARTH, Adolf-Peter** [DE/DE]; An Der Schmitte 4B, 42781 Haan (DE). **KROPP, Christian** [DE/DE]; Zwirnerweg 57, 40724 Hilden (DE). **POTH, Tilo** [DE/DE]; Brunhildstrasse 39, 69469 Weinheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN

MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A61K 7/20

(11) **WO 2005/027864** (13) A1

(21) PCT/US2004/030629

(22) **20 Sep/sep 2004 (20.09.2004)**

(25) en (26) en

(30) 60/504,048 **19 Sep/sep 2003** US (19.09.2003)

(30) 60/581,404 **21 Jun/juin 2004** US (21.06.2004)

(30) Not furnished / non communiqué **20 Sep/sep 2004** US (20.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MATERIALS FOR ENHANCED DELIVERY OF HYDROPHILIC ACTIVE AGENTS IN PERSONAL CARE FORMULATIONS

• MATERIAUX CONÇUS POUR UNE MEILLEURE ADMINISTRATION D'AGENTS ACTIFS HYDROPHILES DANS DES PRÉPARATIONS DE SOINS PERSONNELS

(71) **SYMYX TECHNOLOGIES, INC.** [US/US]; 3100 Central Expressway, Santa Clara, CA 95051 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAJDUK, Damian** [US/US]; 1146 Brace Avenue, San Jose, CA 95125 (US).

**PIOTTI, Marcelo** [AR/US]; 1898 Meridian Avenue, #6, San Jose, CA 95125 (US).

**PETRO, Miroslav** [SK/US]; 1675 Hyacinth Lane, San Jose, CA 95124 (US).

**KLAERNER, Gerrit** [DE/US]; 5456 Fern Drive, San Jose, CA 95124 (US). **SAFIR, Adam** [US/US]; 1609 Virginia Street, Berkeley, CA 94703 (US). **BENOIT, Didier** [FR/US]; 856 Lake McClure Drive, San Jose, CA 95123 (US).

(74) **ROTHENBERGER, Scott, D. et al.** / etc.; Dorsey & Whitney LLP, Intellectual Property Department, Suite 1500, 50 South Sixth Street, Minneapolis, MN 55402-1498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 7/32

(11) **WO 2005/027865** (13) A1

(21) PCT/EP2004/010990

(22) **15 Sep/sep 2004 (15.09.2004)**

(25) en (26) en

(30) 03/11133 **23 Sep/sep 2003** FR (23.09.2003)

(30) 60/516,740 **4 Nov/nov 2003** US (04.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ANHYDROUS ANTIPERSPIRANT COMPOSITION CONTAINING A LIPOPHILIC POLYAMIDE OF LOW MOLECULAR MASS; AEROSOL DEVICE

• COMPOSITION DEODORANTE ANHYDRE CONTENANT UN POLYAMIDE LIPOPHILE A FAIBLE MASSE MOLECULAIRE; BOMBE D'AEROSOL

(71) **L'OREAL** [FR/FR]; 14, rue Royale, F-75008 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEMOINE, Cyril** [FR/FR]; 38, rue du Manoir, F-95380 Puisieux-en-France (FR).

**BEAU, Nathalie** [FR/FR]; 6, allée du Stade, F-95610 Eragny-sur-Oise (FR).

(74) **L'OREAL; MISZPUTEN, Laurent - D.I.P.I.**, 25-29 Quai Aulagnier, F-92600 Asnières (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 7/42, A61P 17/14, 17/04, 17/08

(11) **WO 2005/027866** (13) A1

(21) PCT/EP2004/009158

(22) **16 Aug/août 2004 (16.08.2004)**

(25) de (26) de

(30) 103 42 212.9 **12 Sep/sep 2003** DE (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • USE OF LICOCALCHONE A OR OF AN EXTRACT CONTAINING LICOCALCHONE A FROM RADIX GLYCYRRHIZAE INFLATAE AGAINST SKIN AGING

- UTILISATION DE LICOCHALCONE A OU D'UN EXTRAIT CONTENANT DE LA LICOCHALCONE A A BASE DE <I>RADIX GLYCYRRHIZAE INFLATAE</I> POUR LUTTER CONTRE LE VIEILLISSEMENT DE LA PEAU
- (71) **BEIERSDORF AG** [DE/DE]; Unnastrasse 48, 20253 Hamburg (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BLATT, Thomas** [DE/DE]; Julius-Leber-Weg 8, 22880 Wedel (DE). **BREITENBACH, Ute** [DE/DE]; Im Tale 33, 20251 Hamburg (DE). **GALLINAT, Stefan** [DE/DE]; Martin-Niemöller-Strasse 13, 22880 Wedel (DE). **KOLBE, Ludger** [DE/DE]; Wiesenstrasse 16, 21255 Dohren (DE). **MUMMERT, Christopher** [DE/DE]; Zum Eitzener Bruch 7, 29553 Bienenbüttel (DE). **STÄB, Franz** [DE/DE]; Bäckerstr. 3, 21379 Echem (DE). **WOLBER, Rainer** [DE/DE]; Liepmanweg 11, 22399 Hamburg (DE).
- (74) **BEIERSDORF AG**; Unnastrasse 48, 20253 Hamburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- (51)<sup>7</sup> **A61K 7/48**
- (11) **WO 2005/027868** (13) A1  
(21) PCT/CH2004/000367  
(22) **17 Jun/juin 2004 (17.06.2004)**  
(25) de (26) de  
(30) 1628/2003 **24 Sep/sep 2003 CH (24.09.2003)**  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • TATTOO-REMOVING SUBSTANCE  
• AGENT POUR ENLEVER DES TATTOUAGES
- (71, 72) **STOOP, Remo** [CH/CH]; Brauerstrasse 97, CH-8004 Zürich (CH).
- (74) **LUSUARDI, Werther**; Dr. Lusuardi AG, Kreuzbühlstrasse 8, CH-8008 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 7/48, 9/06, 35/78, A61P 17/00**
- (11) **WO 2005/027867** (13) A1  
(21) PCT/CA2004/001659  
(22) **21 Sep/sep 2004 (21.09.2004)**  
(25) en (26) en  
(30) 60/504,972 **23 Sep/sep 2003 US (23.09.2003)**  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ANHYDROUS TOPICAL FORMULATION FOR POLYPHENOLS  
• PREPARATION TOPIQUE ANHYDRE POUR POLYPHENOLS
- (71) **ORIGIN BIOMEDICINALS INC.** [CA/CA]; 5162 Duke Street, Suite 520, Halifax, Nova Scotia B3J 1N7 (CA).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BUDERER, Mathew** [US/US]; 230 South Gordon Drive, Oak Harbor, OH 43449 (US). **FORD, Peter** [CA/CA]; 544 St. George Blvd., Moncton, New Brunswick E1E 2B5 (CA). **ROENTCSH, George** [US/US]; 49 Store Road, Stoddard, NH 03434 (US). **CERVELLI, Robert** [CA/CA]; 31 Ashvale Lane, Head of St. Margarets Bay, Nova Scotia B3J 2E1 (CA). **JOYCE, Heather** [CA/CA]; 294 Seligs Road, Prospect, Nova Scotia B3T 2A7 (CA).
- (74) **CERVELLI, Robert**; Origin Biomedicals Inc., 5162 Duke Street, Suite 520, Halifax, Nova Scotia B3J 1N7 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- (51)<sup>7</sup> **A61K 9/00, 9/70, 31/55, A61P 25/28, 25/32, 25/34**
- (11) **WO 2005/027870** (13) A1  
(21) PCT/EP2004/004325  
(22) **23 Apr/avr 2004 (23.04.2004)**  
(25) de (26) de  
(30) 103 38 544.4 **19 Aug/août 2003 DE (19.08.2003)**  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • BUCCAL FORMULATIONS OF GALANTHAMINE AND USES THEREOF  
• FORMULES ORALES DE LA GALANTHAMINE ET LEURS APPLICATIONS
- (71) **HF ARZNEIMITTELFORSCHUNG GMBH** [DE/DE]; St. Johannes 5, 59368 Werne (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ASMUSSEN, Bodo** [DE/DE]; Im Schloßgarten 10, D-56710 Bendorf (DE). **MOORMANN, Joachim** [DE/DE]; Schulstrasse 5, 59368 Werne (DE).
- (74) **FLACCUS, Rolf-Dieter**; Bussardweg 10, 50389 Wesseling (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ



DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

**Declarations / Déclarations :**

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61K 9/00

(11) WO 2005/027871 (13) A2

(21) PCT/FR2004/050447

(22) 21 Sep/sep 2004 (21.09.2004)

(25) fr (26) fr

(30) 0311057 22 Sep/sep 2003 FR (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR PRODUCTION OF BIORESORBABLE MICROPARTICLES MICROPARTICLES THUS OBTAINED AND USE THEREOF

• PROCÉDE DE PRÉPARATION DE MICROPARTICULES BIORESORBABLES, MICROPARTICULES OBTENUES ET UTILISATION

(71) BIOMERIEUX [FR/FR]; Chemin de l'Orme, F-69280 Marcy l'Etoile (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ATAMAN-ONAL, Yasemin [FR/FR]; 11 rue Fiol, F-69003 Lyon (FR). DELAIR, Thierry [FR/FR]; Lecoin, F-69700 Echallas (FR). INCHAUSPE, Geneviève [FR/FR]; 4 rue Villon, F-69003 Lyon (FR). JEANNIN, Pascale [FR/FR]; 9 allée de l'Audreyne, F-49080 Bouchemaine (FR). PARANHOS-BACCALA, Glauca [CH/FR]; 75 cours Gambetta, F-69003 Lyon (FR). VERRIER, Bernard [FR/FR]; Chemin du Granit, La Pavière, F-69440 Mornant (FR).

(74) BITAUD, Valérie; Chemin de l'Orme, F-69280 Marcy l'Etoile (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declaration / Déclaration :**

(u) for / pour US only / seulement

(51)<sup>7</sup> A61K 9/00

(11) WO 2005/027872 (13) A2

(21) PCT/US2004/017417

(22) 3 Jun/juin 2004 (03.06.2004)

(25) en (26) en

(30) 60/457,633 4 Jun/juin 2003 US (04.06.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPOSITIONS FOR INACTIVATING PATHOGENIC MICROORGANISMS, METHODS OF MAKING THE COMPOSITIONS, AND METHODS OF USE THEREOF

• COMPOSITIONS POUR L'INACTIVATION DE MICRO-ORGANISMES PATHOGENES, PROCÉDES DE FABRICATION DE COMPOSITIONS, ET LEURS PROCÉDES D'UTILISATION

(71) NANOBIO CORPORATION [US/US]; P.O. Box 8110, Ann Arbor, MI 48107 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAKER, James, R. [US/US]; 3997 Holden Drive, Ann Arbor, MI 48104 (US). ANNIS, Ted, C. [US/US]; 2997 Devonshire, Ann Arbor, MI 48103 (US). HAMOUDA, Tarek [US/US]; 10141 Ridgeline Drive, Milan, MI 48160 (US). VENGROFF, Linda [US/US]; 529 Liberty Point Drive, Ann Arbor, MI 48160 (US).

(74) MAEBIUS, Stephen, B. et al. / etc.; Foley & Lardner LLP, Washington Harbour, 3000 K Street, N.W., Washington, DC 20007-5143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 9/00

(11) WO 2005/027873 (13) A2

(21) PCT/US2004/019979

(22) 21 Jun/juin 2004 (21.06.2004)

(25) en (26) en

(30) 60/480,187 20 Jun/juin 2003 US (20.06.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • THERAPEUTIC NANOARTICLES

• NANOARTICLES THERAPEUTIQUES

(71) ALNIS BIOSCIENCES, INC. [US/US]; 5760 Shellmound Street, Emeryville, CA 94608 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHAND, David, G. [US/US]; 10 Hayestown Road, #36, Danbury, CT 06811 (US). BARRY, Stephen, E. [US/US]; 241 Livorna Heights Road, Alamo, CA 94507 (US). DECOR, Rachel [FR/US]; 1386 Hearst Avenue, Berkeley, CA 94702 (US). GOODWIN, Andrew, A. [US/US]; 1758 Dayton Avenue, San Leandro, CA 94579 (US).

(74) LARSON, Jacqueline, S.; Law Office of Jacqueline S. Larson, P.O. Box 2426, Santa Clara, CA 95055-2426 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declaration / Déclaration :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61K 9/00

(11) WO 2005/027874 (13) A2

(21) PCT/US2004/030292

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/664,601 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SOLID OR SEMI-SOLID THERAPEUTIC FORMULATIONS

• FORMULATIONS THERAPEUTIQUES SOLIDES OU SEMI-SOLIDES

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **BUCAY-COUTO, Weenna** [US/US]; 5 Nichold St., Burlington, MA 01803 (US). **ZHONG, Sheng-Ping** [US/US]; 8 Dickinson Circle, Shrewsbury, MA 01545 (US). **MADENJIAN, Arthur** [US/US]; 14 Johnson Road, Winchester, MA 01890 (US). **MA, Enxin** [US/US]; 11 Post Oak Lane, #12, Natick, MA 01760 (US). **GELLMAN, Barry, N.** [US/US]; 19 Pebble brook Road, North Easton, MA 02536 (US).
- (74) **BONHAM, David, B. et al. / etc.;** Mayer Forkort & Williams, PC, 251 North Avenue West, 2nd Floor, Westfield, NJ 07090 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **A61K 9/20, 9/30, 31/4439**
- (11) **WO 2005/027876** (13) A1
- (21) PCT/IB2004/002784
- (22) **27 Aug/août 2004 (27.08.2004)**
- (25) en (26) en
- (30) 1047/DEL/2003 **28 Aug/août 2003** IN (28.08.2003)
- (30) PCT/IB2004/000536 **Mar/mar 2004** IB (01.03.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PHARMACEUTICAL COMPOSITIONS OF BENZIMIDAZOLE AND PROCESSES FOR THEIR PREPARATION  
• COMPOSITIONS PHARMACEUTIQUES DE BENZIMIDAZOLE ET LEURS PROCÉDES DE PRÉPARATION
- (71) **RANBAXY LABORATORIES LIMITED** [IN/IN]; 19, Nehru Place, New Delhi, Delhi 110 019 (IN).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SINGH, Romi, Barat** [IN/IN]; A-14, Badshah Bagh, Varanasi, Uttar Pradesh 221002 (IN). **KUMAR, Pananchukunnath, Manoj** [IN/IN]; 25 Laxmi Vihar Apartments, Block H-3, Vikas Puri, New Delhi, Delhi 110018 (IN). **NAGAPRASAD, Vishnubhotla** [IN/IN]; 102, Surya Niwas Apartments, Balaji Nagar, Kukatpally, Hyderabad, Andhra Pradesh 500072 (IN). **SETHI, Sanjeev, Kumar** [IN/IN]; House No. 365, Sector - 8, Faridabad, Haryana 121006 (IN). **MALIK, Rajiv** [IN/AT]; Haus 13/4, Unterer Schreiberweg, A-1190 Wien (AT).
- (74) **RANBAXY LABORATORIES LIMITED**; c/o DESHMUKH, Jay, R., 600 College Road East, Suite 2100, Princeton, NJ 08540 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **A61K 9/24**
- (11) **WO 2005/027875** (13) A1
- (21) PCT/US2004/030724
- (22) **18 Sep/sep 2004 (18.09.2004)**
- (25) en (26) en
- (30) 0321873.2 **18 Sep/sep 2003** GB (18.09.2003)
- (30) 0403262.9 **13 Feb/fév 2004** GB (13.02.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PARTICLES  
• PARTICULES
- (71) **IVAX CORPORATION** [US/US]; 4400 Biscayne Boulevard, Miami, Florida 33137 (US).  
(only for / seulement pour BB)
- (71) **NORTON HEALTHCARE, LTD.** [GB/GB]; Albert Basin, Royal Docks, London E16 2QJ (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZENG, Xiam-Ming** [GB/GB]; 45 Hill Road, Mitcham, Surrey CR4 2HS (GB). **WOOLFE, Austen, John** [GB/GB]; 31 Emberson Way, North Weald, Essex CM19 6DL (GB). **LANGFORD, Alan** [GB/GB]; 33A Briscoe Road, Hoddesdon, Herts, EN11 9DG (GB).
- (74) **STEINBERG, Michael, A.;** Ivax Corporation, 4400 Biscayne Boulevard, Miami, FL 33137 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **A61K 9/22**
- (11) **WO 2005/027877** (13) A1
- (21) PCT/US2004/029832
- (22) **14 Sep/sep 2004 (14.09.2004)**
- (25) en (26) en
- (30) 60/503,041 **15 Sep/sep 2003** US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ANTIBIOTIC PRODUCT, USE AND FORMULATION THEREOF  
• ANTIBIOTIQUE, SON UTILISATION ET SA FORMULATION
- (71) **ADVANCIS PHARMACEUTICAL CORPORATION** [US/US]; 20425 Seneca Meadows Parkway, Germantown, MD 20876 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BURNSIDE, Beth, A.** [US/US]; 5404 Huntington Parkway, Bethesda, MD 20814 (US). **FLANNER, Henry, H.** [US/US]; 19 Dellcastle Court, Montgomery Village, MD 20886 (US). **ROWLINGS, Colin** [US/US]; 1 Laurel Leaf Court, Potomac, MD 28054 (US).
- (74) **STAUFFER, Raymond, E. et al. / etc.;** Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 5 Becker Farm Road, Roseland, NJ 07068 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **A61K 9/24**
- (11) **WO 2005/027878** (13) A1
- (21) PCT/US2004/030450
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) en (26) en
- (30) 60/504,035 **19 Sep/sep 2003** US (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DELAYED RELEASED DOSAGE FORMS  
• FORMES POSOLOGIQUES A LIBERATION RETARDEE
- (71) **PENWEST PHARMACEUTICALS CO.** [US/US]; 2981 Route 22, Patterson, NY 12563 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BAICHWAL, Anand, R.** [US/US]; 5 Kendall Drive, Wappingers Falls, NY 12590 (US). **WOODCOCK, Paul** [US/US]; 31 Mist Hill Drive, Brookfield, CT 06804 (US). **HIGGINS, Raymond** [US/US]; 5 Morey Road, New Milford, CT 06776 (US). **COBB, Jaclyn** [US/US]; 41 1/2 Brocket Street, Niantic, CT 06357 (US).
- (74) **DAVIDSON, Clifford, M. et al. / etc.;** Davidson, Davidson & Kappel, LLC, 485 Seventh Avenue, 14th Floor, New York, NY 10018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 9/28

(11) WO 2005/027879 (13) A1

(21) PCT/EP2004/010696

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 0322371.6 24 Sep/sep 2003 GB  
(24.09.2003)

(30) 0325604.7 3 Nov/nov 2003 GB  
(03.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COATED TABLETS

• COMPRIMES REVETUS

(71) NOVARTIS CONSUMER HEALTH S.A.  
[CH/CH]; Route de L'Etraz, CH-1260 Nyon  
(CH).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) RAULT, Isabelle [FR/FR]; 45, rue  
du Fontaillon, F-01170 Segny (FR).  
MARZANO, Giovanna [IT/CH]; Route  
de Lausanne 114A, CH-1197 Prangins (CH).

(74) GRUBB, Philip; Novartis AG, Corporate In-  
tellectual Property, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 9/48, 31/4439

(11) WO 2005/027880 (13) A1

(21) PCT/IN2003/000323

(22) 25 Sep/sep 2003 (25.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ENTERIC SOFT GELATIN CAPSULE  
CONTAINING ESOMEPRAZOLE AND  
METHOD OF PREPARATION

• CAPSULE EN GELATINE SOUPLE  
ENTERIQUE CONTENANT DE  
L'ESOMEPRAZOLE ET PROCEDE DE  
PREPARATION ASSOCIE

(71) NATCO PHARMA LIMITED [IN/IN];  
Regd office: "NATCO HOUSE", Road No.2,  
Banjara Hills, Hyderabad 500 033, Andhra  
Pradesh (IN).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) PODILI, Khadgpathi [IN/IN]; Natco  
Pharma Limited, Natco House, Road No.2,  
Banjara Hills, Hyderabad 500 033, Andhra  
Pradesh (IN). VENKAI AH CHOWDARY,  
Nannapaneni [IN/IN]; Natco Pharma Lim-  
ited, Natco House, Road No.2, Banjara Hills,  
Hyderabad 500 033, Andhra Pradesh (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NI NO NZ OM PG PH PL PT  
RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG US UZ VC VN YU ZA  
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> A61K 31/00

(11) WO 2005/027881 (13) A2

(21) PCT/EP2003/010569

(22) 23 Sep/sep 2003 (23.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • QUINAPRIL

• QUINAPRIL

(71) TEXCONTOR ETABLISSEMENT  
[LI/LI]; Heiligkreuz 40, Postfach 39,  
FL-9490 Vaduz (LI).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SANTAMARIA, Antoni [ES/ES]; Vi-  
ladordis 74, E-08240 Manresa (ES).

(74) FRANK B. DEHN & CO.; 179 Queen Vic-  
toria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NI NO NZ OM PG PH PL PT  
RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG US UZ VC VN YU ZA  
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> A61K 31/00, 31/56, 31/185, 31/215, A61P  
19/00, 19/10

(11) WO 2005/027882 (13) A1

(21) PCT/EP2004/010582

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 60/504,717 22 Sep/sep 2003 US  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PREVENTION AND TREATMENT OF  
INFLAMMATION-INDUCED AND/OR  
IMMUNE-MEDIATED BONE LOSS

• PREVENTION ET TRAITEMENT DE  
LA PERTE OSSEUSE INDUITE PAR IN-  
FLAMMATION ET/OU IMMUNO-ME-  
DIEE

(71) BIONETWORKS GMBH [DE/DE]; Jakob-  
Klar-Strasse 7, 80796 München (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) WILCKENS, Thomas [DE/DE]; Jakob-  
Klar-Strasse 7, 80796 München (DE).

(74) WEICKMANN & WEICKMANN et al. /  
etc.; Postfach 860 820, 81635 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> A61K 31/00, 33/24, 33/00, 31/50, A61P  
19/10, A61K 31/55, 31/404

(11) WO 2005/027883 (13) A1

(21) PCT/IB2004/003297

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 10/665,816 19 Sep/sep 2003 US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GSK-3 BETA INHIBITORS IN THE  
TREATMENT OF BONE-RELATED  
DISEASES

• INHIBITEURS DE GSK-3B POUR LE  
TRAITEMENT DE PATHOLOGIES OS-  
SEUSES

(71) PROSKELIA PHARMACEUTICALS  
[FR/FR]; 102, route de Noisy, F-93230 Ro-  
mainville (FR).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) RAWADI, Georges [FR/FR]; 4, rue Lou-  
vois, F-75002 Paris (FR). ROMAN, Sergio  
[ES/FR]; 22, rue Wurtz, F-75013 Paris (FR).

- CLEMENT-LACROIX, Philippe [FR/FR]; 24, Grande Avenue, F-93310 Le Pré Saint-Gervais (FR).
- (74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, Cedex 17, F-75847 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)  
 Declaration / Déclaration :  
 (u) for / pour US only / seulement
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- (51)<sup>7</sup> A61K 31/00  
 (11) WO 2005/027884 (13) A2  
 (21) PCT/US2004/029360  
 (22) 9 Sep/sep 2004 (09.09.2004)  
 (25) en (26) en  
 (30) 10/666,629 18 Sep/sep 2003 US (18.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • STABILIZED OCULAR SOLUTIONS  
 • SOLUTIONS OCULAIRES STABILISEES
- (71) MINU, L.L.C. [US/US]; 321 Miles Branch Road, Pittsboro, NC 27312 (US).  
 (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PEYMAN, Gholam, A. [US/US]; 8654 Pontchartrain Boulevard, Unit #1, New Orleans, LA 70124 (US).
- (74) JOSEPHIC, David, J. et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/00  
 (11) WO 2005/027885 (13) A2  
 (21) PCT/US2004/030525  
 (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en  
 (30) 60/504,644 19 Sep/sep 2003 US (19.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • COMPOSITION AND METHOD FOR TREATING BEZOAR AND TRICHOBEZOAR  
 • COMPOSITION ET METHODE DE TRAITEMENT DU BEZOARD ET DU TRICHOBEZOARD
- (71) HILL'S PET NUTRITION, INC.; 400 Southwest 8th Street, Topeka, KS 66603 (US).  
 (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHINACHOTI, Pavinee [TH/US]; 1809 SW Stutley Road, Topeka, KS 66615 (US). MONTELONGO, Luis, Jose [US/US]; 4305 Helianthus Drive, Lawrence, KS 66047 (US).
- (74) DAVIS, James, E. et al. / etc.; Harness, Dickey & Pierce, P.L.C., 7700 Bonhomme Avenue, Suite 400, St. Louis, MO 63105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/00, 31/445, 31/381, 31/198, A61P 9/10, C12Q 1/68, G01N 33/50  
 (11) WO 2005/027886 (13) A2  
 (21) PCT/US2004/030582  
 (22) 17 Sep/sep 2004 (17.09.2004)  
 (25) en (26) en  
 (30) 60/503,587 17 Sep/sep 2003 US (17.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • METHODS OF PREVENTING OR TREATING RECURRENCE OF MYOCARDIAL INFARCTION  
 • METHODES DE PREVENTION OU DE TRAITEMENT DE LA RECURRENCE DE L'INFARCTUS DU MYOCARDE
- (71) DECODE GENETICS EHF. [IS/IS]; Sturlugotu 8, IS-101 Reykjavik (IS).  
 (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HELGADOTTIR, Anna [IS/IS]; Hamravik 86, IS-112 Reykjavik (IS). GURNEY, Mark, E. [US/US]; 910 Rosewood Avenue, SE, East Grand Rapids, MI (US). HÁKONARSON, Hákon [IS/IS]; Grjotasel 3, IS-109 Reykjavic (IS). GULCHER, Jeffrey, R. [US/US]; 25663 North Countryside Drive, Lake Barrington, IL 60010 (US).
- (74) GASS, David, A. et al. / etc.; Marshall Gerstein & Borun LLP, 233 S. Wacker Drive,
- 6300 Sears Tower, Chicago, IL 60606-6357 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K 31/00  
 (11) WO 2005/027887 (13) A2  
 (21) PCT/US2004/030587  
 (22) 17 Sep/sep 2004 (17.09.2004)  
 (25) en (26) en  
 (30) 60/504,059 17 Sep/sep 2003 US (17.09.2003)  
 (30) 60/608,423 8 Sep/sep 2004 US (08.09.2004)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • METHODS AND COMPOSITIONS FOR IMPROVING ENDOTHELIAL FUNCTION  
 • PROCEDES ET COMPOSITIONS PERMETTANT D'AMELIORER LA FONCTION ENDOTHELIALE
- (71) CARDIMONE PHARMA CORPORATION [CA/CA]; 6190 Agronomy Road, 6th Floor, Vancouver, British Columbia V6T 1Z3 (CA).  
 (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EZRIN, Alan, M. [US/US]; 1827 South Bayshore Lane, Miami, FL 33133-4007 (US). MOORE, Alan [US/US]; 6060 Rolling Road Drive, Pinecrest, FL 33156 (US). BEATCH, Gregory, N. [CA/CA]; 3393 West 27th Avenue, Vancouver, British Columbia V6S 1P5 (CA). CHOI, Lewis, S., L. [CA/CA]; 2986 Coventry Place, Burnaby, British Columbia V5A 3P8 (CA). MUNZEL, Thomas [DE/DE]; Cardiology Department, Hamburg Eppendorf University Clinic, Martinistrasse 52, 20246 Hamburg (DE). BALDUS, Stephan [DE/DE]; Cardiology Department, Internal Medicine Clinic, Hamburg Eppendorf University Clinic, Martinistrasse 52, 20246 Hamburg (DE).
- (74) ZELANO, Anthony, J. et al. / etc.; Millen, White, Zelano and Branigan, P.C., Arlington Courthouse Plaza 1, Suite 1400, 2200 Clarendon Boulevard, Arlington, VA 22201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/122, 31/192, A61P 35/00

(11) WO 2005/027888 (13) A1

(21) PCT/CN2004/001065

(22) 20 Sep/sep 2004 (20.09.2004)

(25) zh (26) zh

(30) 03151102.3 19 Sep/sep 2003 CN (19.09.2003)

(30) 2003101045092 20 Oct/oct 2003 CN (20.10.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • USE OF THE EFFECTIVE CONSTITUENTS FROM RHUBARB FOR THE MANUFACTURE OF A MEDICAMENT FOR THE ENHANCEMENT OF AS<sub>2</sub>O<sub>5</sub>-INDUCED APOPTOSIS

• UTILISATION DE CONSTITUANTS EFFICACES ISSUS DE LA RHUBARBE DANS LA FABRICATION D'UN MEDICAMENT FAVORISANT L'APOPTOSE INDUITE PAR AS<sub>2</sub>O<sub>5</sub><SB>2</SB>O<SB>3</SB>

(71) SHANGHAI SECOND MEDICAL UNIVERSITY [CN/CN]; No. 280 Chongqing Road(S), Shanghai 200025 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YI, Jing [CN/CN]; No. 280 Chongqing Road(S), Shanghai 200025 (CN). GAO, Fei [CN/CN]; No. 280 Chongqing Road(S), Shanghai 200025 (CN). YANG, Jie [CN/CN]; No. 280 Chongqing Road(S), Shanghai 200025 (CN). LU, Yang [CN/CN]; No. 280 Chongqing Road(S), Shanghai 200025 (CN). TANG, Xueming [CN/CN]; No. 280 Chongqing Road(S), Shanghai 200025 (CN).

(74) SHANGHAI KAIJI PATENT CO., LTD.; 5/F 60 Nan Dan Dong Road, Xuhui District, Shanghai 200030 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW)

ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US; (t) for the following designation / pour la désignation suivante : US (u) for / pour US only / seulement

(51)<sup>7</sup> A61K 31/122, 9/70, A61P 15/00, 25/04, 29/00, C11B 9/00

(11) WO 2005/027889 (13) A1

(21) PCT/JP2004/013311

(22) 13 Sep/sep 2004 (13.09.2004)

(25) ja (26) ja

(30) 2003-322409 16 Sep/sep 2003 JP (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VISCERAL PAIN DULLING COMPOSITION

• COMPOSITION POUR APAISER UNE DOULEUR A UN VISCERE

(71, 72) SHINOHARA, Kazuyuki [JP/JP]; c/o NAGASAKI UNIVERSITY, 1-12-4, Sakamoto, Nagasaki-shi, Nagasaki, 8528523 (JP). MOROFUSHI, Masayo [JP/JP]; c/o NAGASAKI UNIVERSITY, 1-12-4, Sakamoto, Nagasaki-shi, Nagasaki, 8528523 (JP). NISHITANI, Shota [JP/JP]; c/o NAGASAKI UNIVERSITY, 1-12-4, Sakamoto, Nagasaki-shi, Nagasaki, 8528523 (JP).

(74) NOMURA, Kenichi et al. / etc.; Nohki-kaikan Fourth Floor, 30-1, Tsuruyacho 3-chome, Kanagawa-ku, Yokohama-shi, Kanagawa, 2210835 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/165, 9/20

(11) WO 2005/027890 (13) A1

(21) PCT/US2004/030815

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,028 18 Sep/sep 2003 US (18.09.2003)

(30) 10/944,528 17 Sep/sep 2004 US (17.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MODAFINIL MODIFIED RELEASE PHARMACEUTICAL COMPOSITIONS  
• COMPOSITIONS PHARMACEUTIQUES A LIBERATION MODIFIEE CONTENANT DU MODAFINIL

(71) CEPHALON, INC. [US/US]; 145 Brandywine Parkway, West Chester, PA 19380 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARIKH, Alpa [US/US]; 120 Portmarnock Drive, Avondale, PA 19311 (US). PATEL, Piyush, R. [US/US]; 716 Scott Lane, Wallingford, PA 19806 (US).

(74) MILLER, Suzanne, E. et al. / etc.; Woodcock Washburn LLP, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 31/19, 31/215, A61P 3/10, 5/50

(11) WO 2005/027891 (13) A1

(21) PCT/JP2004/013836

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ja (26) ja

(30) 60/503893 22 Sep/sep 2003 US (22.09.2003)

(30) 60/503892 22 Sep/sep 2003 US (22.09.2003)

(30) 2003-434627 26 Dec/déc 2003 JP (26.12.2003)

(30) 2004-055440 27 Feb/fév 2004 JP (27.02.2004)

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(30) 2004-056876 1 Mar/mar 2004 JP (01.03.2004)

(30) 2004-126091 21 Apr/avr 2004 JP (21.04.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ACCELERATOR FOR INITIAL INSULIN SECRETION

• ACCELERATEUR DE SECRETION D'INSULINE DE BASE

(71) Use-Techno Corporation [JP/JP]; 27, Sasoo Shinmachi 4-chome, Fukuchiyama-shi, Kyoto, 6200055 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71) FUKUSHIMA, Mitsuo [JP/JP]; #301, Urban Shion, 31, Koyamanakamizochi, Kita-ku, Kyoto-shi, Kyoto, 6038156 (JP).

(only for / seulement pour US)

(72, 75) MATSUYAMA, Futoshi [JP/JP]; 117-7, Aza Amada, Fukuchiyama-shi, Kyoto, 6208502 (JP). SEINO, Yutaka [JP/JP]; 8-20, Tomatsucho 4-chome, Amagasaki-shi, Hyogo, 6610003 (JP). MIURA, Toshihiro [JP/JP]; 15-7, Inoukoganeen, Suzuka-shi, Mie, 5100206 (JP). FUJITA, Takeshi

- [JP/JP]; 1-13-15 Nagaodai, Takarazuka-shi, Hyogo, 6650807 (JP). KANEKO, Tetsuo [JP/JP]; B-1003, 5-1-1 Hirokoshingai, Kure-shi, Hiroshima, 7370112 (JP).
- (74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo, 1040061 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A61K 31/19, 31/215, 31/704, A61P 3/04, 3/06, 5/50, 9/12, A23L 1/30, A23K 1/16, A24B 15/10
- (11) WO 2005/027892 (13) A1
- (21) PCT/JP2004/013848
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) ja (26) ja
- (30) 60/503893 22 Sep/sep 2003 US (22.09.2003)
- (30) 60/503892 22 Sep/sep 2003 US (22.09.2003)
- (30) 2003-434627 26 Dec/déc 2003 JP (26.12.2003)
- (30) 2004-055440 27 Feb/fév 2004 JP (27.02.2004)
- (30) 2004-055439 27 Feb/fév 2004 JP (27.02.2004)
- (30) 2004-056876 1 Mar/mar 2004 JP (01.03.2004)
- (30) 2004-126091 21 Apr/avr 2004 JP (21.04.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • EARLY INSULIN SECRETION PROMOTER  
• STIMULATEUR DE LA SÉCRÉTION D'INSULINE PRÉCOCE
- (71) Use-Techno Corporation [JP/JP]; 27, Sasoo Shinmachi 4-chome, Fukuchiyama-shi, Kyoto, 6200055 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MATSUYAMA, Futoshi [JP/JP]; 117-7, Aza Amada, Fukuchiyama-shi, Kyoto, 6208502 (JP). SEINO, Yutaka [JP/JP]; 8-20, Tomatsucho 4-chome, Amagasaki-shi, Hyogo, 6610003 (JP). FUKUSHIMA, Mitsuo [JP/JP]; #301, Urban Shion, 31, Koyamanakamizochō, Kita-ku, Kyoto-shi, Kyoto, 6038156 (JP). MIURA, Toshihiro [JP/JP]; 15-7, Inoukoganeen, Suzuka-shi, Mie, 5100206 (JP). FUJITA, Takeshi [JP/JP]; 1-13-15 Nagaodai, Takarazuka-shi, Hyogo, 6650807 (JP). KANEKO, Tetsuo [JP/JP]; B-1003, 5-1-1 Hirokoshingai, Kure-shi, Hiroshima, 7370112 (JP).
- (74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo, 1040061 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A61K 31/19, 31/191, 31/198, 31/194, 31/192, 31/375, 7/16, A61P 1/02, 43/00, 31/04, 37/04, 17/00, 17/02, 37/08, 17/16, 17/10, 27/02, 31/16, 11/02, 31/22, 31/10, 29/00, 11/00, 1/04, 35/00, 31/18, 33/00, A23L 1/30
- (11) WO 2005/027893 (13) A1
- (21) PCT/JP2004/014024
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) ja (26) ja
- (30) 2003-328704 19 Sep/sep 2003 JP (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HUMAN  $\beta$ -DEFENSIN SECRETION PROMOTER  
• PROMOTEUR DE SECRETION DE SG(B)-DEFENSINE
- (71) OTSUKA PHARMACEUTICAL CO., LTD. [JP/JP]; 9, Kandatsukasa-cho 2-chome, Chiyoda-ku, Tokyo, 1018535 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IGARASHI, Sachiyo [JP/JP]; 8-1-704, Osaka 1-chome, Otsu-shi, Shiga, 5200054 (JP). TANAKA, Hideo [JP/JP]; 8-8, Ichijoji Miyano Higashi-cho, Sakyo-ku, Kyoto-shi, Kyoto, 6068116 (JP). TAKASU, Osamu [JP/JP]; 743-20, Kamohigashi, Shikama-ku, Himeji-shi, Hyogo, 6728070 (JP). SHINO-HARA, Shigeo [JP/JP]; 21-4, Kitashirakawa Kamibetto-cho, Sakyo-ku, Kyoto-shi, Kyoto, 6068275 (JP). TANAKA, Masahiko [JP/JP]; 1-6-10, Oginosato, Otsu-shi, Shiga, 5200246 (JP). YAGO, Misato [JP/JP]; 25-1-302, Anshu Minamiyashiki-cho, Yamashina-ku, Kyoto-shi, Kyoto, 6078011 (JP).
- (74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK Building 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka, 5410045 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A61K 31/192, 31/216, 31/455, 38/00
- (11) WO 2005/027894 (13) A1
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- (22) 14 Sep/sep 2004 (14.09.2004)
- (25) en (26) en
- (30) 528388 19 Sep/sep 2003 NZ (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ENHANCED METHOD OF TREATMENT OF GROWTH DISORDERS  
• METHODE AMELIOREE POUR TRAITER LES TROUBLES DE LA CROISSANCE
- (71) PFIZER HEALTH AB [SE/SE]; S-112 87 Stockholm (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CUTFIELD, Wayne, Stephen [NZ/NZ]; Pfizer Global Research and Development, European Pharma Patent, Department, Ramsgate Road, Sandwich, Kent CT13 9NJ (NZ). HOFMAN, Paul, Leslie [NZ/NZ]; Pfizer Global Research and Development, European Pharma Patent, Department, Ramsgate Road, Sandwich, Kent CT13 9NJ (NZ). VICKERS, Mark, Hedley [GB/NZ]; Pfizer Global Research and Development, European Pharma Patent, Department, Ramsgate Road, Sandwich, Kent CT13 9NJ (NZ).
- (74) WOOD, David, J.; Pfizer Research and Development, Ramsgate Road, Kent, Sandwich, Kent CT13 9NJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/192, A61P 9/10
- (11) WO 2005/027895 (13) A2
- (21) PCT/US2004/030583
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 60/502,721 15 Sep/sep 2003 US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • THYROID HORMONE ANALOGS AND METHODS OF USE  
• ANALOGUES D'HORMONE THYROÏDIENNE ET METHODES D'UTILISATION ASSOCIEES
- (63) US 60/502,721 (CIP) 15 Sep/sep 2003 (15.09.2003)

(71) **ORDWAY RESEARCH INSTITUTE** [US/US]; 150 New Scotland Avenue, Albany, NY 12208 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOUSA, Shaker, A.** [US/US]; 5 Fox Glove Court, Wynantskill, NY 12198 (US). **DAVIS, Faith, B.** [US/US]; Old S Road, West Sand Lake, NY 12196 (US). **DAVIS, Paul, J.** [US/US]; Old S Road, West Sand Lake, NY 12196 (US).

(74) **ELRIFI, Ivor, R.;** Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., One Financial Center, Boston, MA 02111 (US).

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(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 31/195, 31/216, 31/4365, 31/519, 31/616, 45/00, A61P 7/02, 9/04, 9/10, 11/00, 43/00**

(11) **WO 2005/027896** (13) A1

(21) PCT/JP2004/013982

(22) **16 Sep/sep 2004 (16.09.2004)**

(25) ja (26) ja

(30) 2003-328487 **19 Sep/sep 2003 JP (19.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **CONCURRENT DRUGS**  
• **MEDICAMENTS COMBINES**

(71) **KISSEI PHARMACEUTICAL CO., LTD.** [JP/JP]; 19-48, Yoshino, Matsumoto-shi, Nagano 399-8710 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOYANO, Yuji** [JP/JP]; c/o Central Research Laboratories, Kissei Pharmaceutical Co., Ltd., 4365-1, Oaza Kashiwabara, Hotaka-machi, Minamiazumi-gun, Nagano 399-8304 (JP). **HONMA, Toshiki** [JP/JP]; c/o Central Research Laboratories, Kissei Pharmaceutical Co., Ltd., 4365-1, Oaza Kashiwabara, Hotaka-machi, Minamiazumi-gun, Nagano 399-8304 (JP). **KOIZUMI, Takashi** [JP/JP]; c/o Central Research Laboratories, Kissei Pharmaceutical Co., Ltd., 4365-1, Oaza Kashiwabara, Hotaka-machi, Minamiazumi-gun, Nagano 399-8304 (JP). **AKAHANE, Satoshi** [JP/JP]; c/o Central Research Laboratories, Kissei Pharmaceutical Co., Ltd., 4365-1, Oaza Kashiwabara, Hotaka-machi, Minamiazumi-gun, Nagano 399-8304 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 31/195**

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(25) en (26) en

(30) 60/502,993 **15 Sep/sep 2003 US (15.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **NUTRITIONAL SUPPLEMENT AND PROTOCOL**

• **SUPPLEMENT NUTRITIONNEL ET PROTOCOLE ASSOCIE**

(71) **MED FIVE, INC.** [US/US]; P.O. Box 15774, Honolulu, HI 96830 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COWDEN, Ralph, A., III** [US/US]; 4075 Black Point Road, Honolulu, HI 96816 (US). **KEITH, Alec** [US/US]; 269 Kuikahi Street, Hilo, HI 96720 (US). **ROBERTS, James, C., Jr.** [US/US]; 4607 W. Sylvania Avenue, Toledo, Ohio 43823 (US). **CRISP, William, E.** [US/US]; 6051 E. Cactus Wren Road, Paradise Valley, AZ 85352 (US). **LAU, Janey, A.** [US/US]; 46-024 Heeia Street, Kaneohe, HI 96744 (US).

(74) **JOHNSON, Barbara, E. et al. / etc.;** Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **A61K 31/198, 31/401, 31/7076, A61P 3/04, 43/00, A23L 1/30, 1/305**

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(21) PCT/JP2004/013620

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) ja (26) ja

(30) 2003-328600 **19 Sep/sep 2003 JP (19.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **AMINO ACID COMPOSITIONS**

• **COMPOSITIONS A BASE D'ACIDES AMINES**

(71) **RIKEN** [JP/JP]; 2-1, Hirose, Wako-shi, Saitama, 3510198 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **ABE, Takashi** [JP/JP]; 1-16-15, Minami-cho, Warabi-shi, Saitama, 3350003 (JP).

(74) **KUMAKURA, Yoshio et al. / etc.;** NAKAMURA & PARTNERS, Shim-Tokyo Bldg., 3-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008355 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 31/225, 31/194, A61P 35/00, 13/00**

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(22) **13 Sep/sep 2004 (13.09.2004)**

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(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **USE OF FUMARIC ACID DERIVATIVES FOR THE PROPHYLAXIS AND TREATMENT OF GENOME DAMAGE**

• **UTILISATION DE DERIVES D'ACIDE FUMARIQUE POUR PREVENIR ET TRAITER DES ENDOMMAGEMENTS DU GENOME**

(71, 72) **HEIDLAND, August** [DE/DE]; Neubergrasse 5, 97209 Veitshöchheim (DE).

(74) **SCHNEIDERS & BEHRENDT**; Huesstrasse 23, 44787 Bochum (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 31/34, C07D 307/91, 307/78**

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- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • BENZOFURAN DERIVATIVES  
• DERIVES DE BENZOFURANE
- (63) US 10/361,141 (CIP)  
25 Nov/nov 2003 (25.11.2003)
- (71) GALILEO PHARMACEUTICALS, INC. [US/US]; 5301 Patrick Henry DR., Santa Clara, California 95054 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BODDUPALLI, Sekhar [US/US]; 6237 Cahalan Ave., San Jose, CA 95112 (US). WALKINSHAW, Gail [US/US]; 175 Owens Court, Mountain View, California 94043 (US). WANG, Bing [US/US]; 10042 Byrne Ave, Cupertino, CA 95014 (US).
- (74) TANNER, Lorna, L.; Foley & Lardner LLP, 1530 Page Mill Road, Palo Alto, CA 94304-1125 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/35, A61P 25/16, 25/28, C07D 327/04
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- (21) PCT/IL2004/000890
- (22) 23 Sep/sep 2004 (23.09.2004)
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- (30) 60/505,425 **25 Sep/sep 2003** US  
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(18.03.2004)
- (30) 60/588,362 **16 Jul/juil 2004** US  
(16.07.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COMPOSITIONS AND METHODS USING SAME FOR TREATING AMYLOID-ASSOCIATED DISEASES  
• COMPOSITIONS ET METHODES D'UTILISATION DE CES COMPOSITIONS POUR LE TRAITEMENT DES MALADIES ASSOCIEES A LA SUBSTANCE AMYLOIDE
- (71) TEL AVIV UNIVERSITY FUTURE TECHNOLOGY DEVELOPMENT L.P. [IL/IL]; c/o TAU Future Technology Management Ltd., c/o The Tel-Aviv University Economic Corporation Ltd., P.O. Box 39040, 69 978 Tel Aviv (IL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GAZIT, Ehud [IL/IL]; 32 Trumpeldor Street, 47264 Ramat Hasharon (IL). PORAT,
- (22) 20 Sep/sep 2004 (20.09.2004)
- (25) en (26) en
- (30) 60/504,670 **19 Sep/sep 2003** US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • POLYETHER BREVETOXIN DERIVATIVES AS A TREATMENT FOR NEUROTOXIC SHELLFISH POISONING AND CIGUATERA FISH POISONING  
• DERIVES DE POLYETHER BREVETOXINE POUR LE TRAITEMENT D'EMPOISONNEMENTS NEUROTOXIQUES PAR LES CRUSTACES ET DE LA CIGUATERA
- (71) UNIVESITY OF NORTH CAROLINA AT WILMINGTON [US/US]; 601 S. College Road, Wilmington, NC 28403 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BADEN, Daniel, G. [US/US]; 210 Braxlo Lane, Wilmington, NC 28409 (US).
- (74) SARUSSI, Steven, J.; McDonnell Boehnen Hulber & Berghoff, Suite 3200, 300 South Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/35, A61P 25/16, 25/28, C07D 327/04
- (11) WO 2005/027901 (13) A1
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- (30) 60/505,425 **25 Sep/sep 2003** US  
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- (30) 60/588,362 **16 Jul/juil 2004** US  
(16.07.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MODULATORS OF Cdk9 AS A THERAPEUTIC TARGET IN CARDIAC HYPERTROPHY  
• MODULATEURS DE CDK9 EN TANT QUE CIBLE THERAPEUTIQUE EN HYPERTROPHIE CARDIAQUE
- (71) BAYLOR COLLEGE OF MEDICINE [US/US]; One Baylor Plaza, Suite 106A, Houston, TX 77030 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHNEIDER, Michael, D. [US/US]; 2234 Albans, Houston, TX 77005 (US). SANO, Motoaki [US/US]; 7675 Phoenix Dr. #606, Houston, TX 77030 (US).
- (74) ACOSTA, Melissa, W. et al. / etc.; Fulbright & Jaworski, L.L.P., 1301 McKinney, Suite 5100, Houston, TX 77010-3095 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/35, 31/365, 31/366, A61P 43/00
- (11) WO 2005/027903 (13) A1
- (21) PCT/US2004/030665
- (22) 20 Sep/sep 2004 (20.09.2004)
- (25) en (26) en
- (30) 60/504,670 **19 Sep/sep 2003** US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • POLYETHER BREVETOXIN DERIVATIVES AS A TREATMENT FOR NEUROTOXIC SHELLFISH POISONING AND CIGUATERA FISH POISONING  
• DERIVES DE POLYETHER BREVETOXINE POUR LE TRAITEMENT D'EMPOISONNEMENTS NEUROTOXIQUES PAR LES CRUSTACES ET DE LA CIGUATERA
- (71) UNIVESITY OF NORTH CAROLINA AT WILMINGTON [US/US]; 601 S. College Road, Wilmington, NC 28403 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BADEN, Daniel, G. [US/US]; 210 Braxlo Lane, Wilmington, NC 28409 (US).
- (74) SARUSSI, Steven, J.; McDonnell Boehnen Hulber & Berghoff, Suite 3200, 300 South Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2005/027904 (13) A1
- (21) PCT/JP2004/014311
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) ja (26) ja
- (30) 2003-329553 **22 Sep/sep 2003** JP  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HAIR RESTORER  
• REGENERATEUR POUR CHEVEUX
- (71) NIPPON SHINYAKU CO., LTD. [JP/JP]; 14, Kisshoin Nishinosho Monguchi-cho, Minami-ku, Kyoto-shi, Kyoto, 6018550 (JP). SUNSTAR INC. [JP/JP]; 3-1, Asahimachi, Takatsuki-shi, Osaka, 5691195 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKAOJI, Kouichi [JP/JP]; c/o SUNSTAR INC., 3-1, Asahimachi, Takatsuki-shi, Osaka, 5691195 (JP). MATSUURA, Masahiro [JP/JP]; c/o SUNSTAR INC., 3-1, Asahimachi, Takatsuki-shi, Osaka, 5691195 (JP). NISHI, Toyoyuki [JP/JP]; 35, Nishimachi, Kameoka-shi, Kyoto, 6210862 (JP).
- (74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka, 5410045 (JP).



(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/407, 31/4425, 31/46, A61P 25/00, 39/02, 43/00

(11) WO 2005/027905 (13) A1

(21) PCT/GB2004/003913

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 0321976.3 19 Sep/sep 2003 GB (19.09.2003)

(30) 0403714.9 20 Feb/fév 2004 GB (20.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF ORGANOPHOSPHATE POISONING

• COMPOSITIONS PHARMACEUTIQUES DESTINEES AU TRAITEMENT D'UN EMPOISONNEMENT PAR UN ORGANOPHOSPHATE

(71) THE SECRETARY OF STATE FOR DEFENCE [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WETHERELL, Janet, Ruth [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). PRICE, Matthew, Edward [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). MUMFORD, Helen [GB/GB]; DSTL, Porton Down, Salisbury, Wiltshire SP4 0JQ (GB).

(74) BECKHAM, Robert, William; D/IPR Formalities Section, Poplar 2, MOD Abbey Wood#2218, Bristol BS34 8JH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/436, 9/00

(11) WO 2005/027906 (13) A1

(21) PCT/US2004/031025

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/503,840 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TRANSSCLERAL DELIVERY

• ADMINISTRATION TRANSSCLERALE D'AGENTS THERAPEUTIQUES

(71) MACUSIGHT, INC. [US/US]; 32980 Alvarado Niles Rd., Suite 846, Union City, CA 94587 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COOPER, Eugene, R. [US/US]; 2612 Crum Creek Drive, Berwyn, PA 19312 (US). KLEINMAN, David, M. [US/US]; 56 Irvington Road, Rochester, NY 14620 (US). NIVAGGIOLI, Thierry [US/US]; 99 Lupin Lane, Atherton, CA 94027 (US). DOR, Philippe, JM. [US/US]; 22525 Balboa Road, Cupertino, CA 95014-5454 (US). MUDUMBA, Sreenivasu [IN/US]; 30731 Canterbury Court, Union City, CA 94587 (US).

(74) REILLY, Philip, D. et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 31/4745, 31/513, 31/7048, 31/7068, 33/24, A61P 35/00, 43/00

(11) WO 2005/027907 (13) A1

(21) PCT/US2004/030806

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/503,925 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • USE OF CHK1 INHIBITORS TO CONTROL CELL PROLIFERATION

• UTILISATION D'INHIBITEURS DE LA CHK1 POUR LUTTER CONTRE LA PROLIFERATION CELLULAIRE

(71) ICOS CORPORATION [US/US]; 22021 20th Avenue S.E., Bothell, WA 98021 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLARK, Darcy [US/US]; 22904 61st Avenue S.E., Woodinville, WA 98072 (US). KEEGAN, Kathleen, S. [US/CA]; 5812 West Mercer Way, Mercer Island, WA 98040 (US). PETERSON, Scott [US/US]; 15003

225th Avenue N.E., Woodinville, WA 98077 (US). WEIDNER, Margaret [US/US]; 15726 160th Avenue N.E., Woodinville, WA 98072 (US).

(74) NEVILLE, Katherine, L.; Marshall, Gerstein & Borun LLP, 233 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, IL 60606-6357 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 31/503, C07D 487/20

(11) WO 2005/027908 (13) A1

(21) PCT/US2004/030546

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/503,620 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPOUNDS USEFUL AS MOTILIN AGONISTS AND METHOD

• COMPOSÉS UTILES EN TANT QU'AGONISTES DE LA MOTILINE ET PROCÉDÉ

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P.O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LI, James, J. [US/US]; 76 Stanford Road East, Pennington, NJ 08534 (US). CHAO, Hannanguang, J. [US/US]; 21 Pine Knoll Drive, Lawrenceville, NJ 08648 (US). TINO, Joseph, A. [US/US]; 11 Chopin Lane, Lawrenceville, NJ 08648 (US). EWING, William, R. [US/US]; 1193 Waterwheel Drive, Yardley, PA 19067 (US).

(74) RODNEY, Burton et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61K 31/546, C07D 501/00

(11) WO 2005/027909 (13) A1

(21) PCT/JP2004/014018

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 2003905084 18 Sep/sep 2003 AU  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CEPHEM COMPOUNDS

• CEPHEMES

(71) FUJISAWA PHARMACEUTICAL CO., LTD. [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5418514 (JP). WAKUNAGA PHARMACEUTICAL CO., LTD. [JP/JP]; 5-36, Miyahara 4-Chome, Yodogawa-Ku, Osaka-shi, Osaka, 5320003 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMANAKA, Toshio [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5418514 (JP). MURANO, Kenji [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5418514 (JP). TODA, Ayako [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5418514 (JP). OHKI, Hidenori [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5418514 (JP). OOGAKI, Masaru [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5418514 (JP). OKUDA, Shinya [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5418514 (JP). KAWABATA, Kohji [JP/JP]; c/o Fujisawa Pharmaceutical Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5418514 (JP). INOUE, Satoshi [JP/JP]; c/o Wakunaga Pharmaceutical Co., Ltd., 1624, Shimokotachi, Koda-cho, Akitakata-shi, Hiroshima, 7391195 (JP). MISUMI, Keiji [JP/JP]; c/o Wakunaga Pharmaceutical Co., Ltd., 1624, Shimokotachi, Koda-cho, Akitakata-shi, Hiroshima, 7391195 (JP). ITOH, Kenji [JP/JP]; c/o Wakunaga Pharmaceutical Co., Ltd., 1624, Shimokotachi, Koda-cho, Akitakata-shi, Hiroshima, 7391195 (JP). SATO,

Kenji [JP/JP]; c/o Wakunaga Pharmaceutical Co., Ltd., 1624, Shimokotachi, Koda-cho, Akitakata-shi, Hiroshima, 7391195 (JP).

(74) TAKASHIMA, Hajime; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 31/553, A61P 35/02

(11) WO 2005/027910 (13) A1

(21) PCT/US2003/026629

(22) 25 Aug/août 2003 (25.08.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF TREATING MIXED LINEAGE LEUKEMIA GENE-REARRANGED ACUTE LYMPHOBLASTIC LEUKEMIAS

• PROCEDE DE TRAITEMENT DU GENE DE LA LEUCEMIE A LIGNEE MIXTE-REARRANGEE EN LEUCEMIES LYMPHOBLASTIQUES AIGUES

(71) DANA-FARBER CANCER INSTITUTE INC. [US/US]; 44 Binney Street, Boston, MA 02115 (US). NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRIFFIN, James, Douglas [US/US]; 156 Dean Road, Brookline, MA 02445 (US). FABBRO, Doriano [CH/CH]; Im Lee 54, CH-4144 Arlesheim (CH).

(74) DOHMANN, George et al. / etc.; Novartis, Corporate Intellectual Property, One Health Plaza Bldg. 430/2, East Hanover, NJ 07936-1080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LT LU LV MA MD MK MN MX NI NO NZ OM PG PH PL PT RO RU SC SE SG SK SY TJ TM TN TR TT UA US UZ VC VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> A61K 31/565, 31/57, 9/08, 47/10

(11) WO 2005/027911 (13) A1

(21) PCT/CA2004/000427

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/668,075 22 Sep/sep 2003 US  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HORMONE CONCENTRATE PHARMACEUTICAL COMPOSITION

• COMPOSITION PHARMACEUTIQUE HORMONALE CONCENTREE

(71, 72) MAMCHUR, Stephen [CA/CA]; 2345 10th Avenue West, Prince Albert, Saskatchewan S6V 7V6 (CA).

(74) BENNET JONES LLP; Roseann Caldwell, 4500 Bankers Hall East, 855- 2nd Street SW, Calgary, Alberta T2P 4K7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/565, 31/566, 31/567, A61P 5/30

(11) WO 2005/027912 (13) A1

(21) PCT/US2004/030242

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/666,191 17 Sep/sep 2003 US  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • STEROIDAL QUINOLS AND THEIR USE FOR ESTROGEN REPLACEMENT THERAPY

• UTILISATION DE QUINOLES STEROIDES DANS UNE THERAPIE DE REMPLACEMENT D'OESTROGENE

(71) UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC. [US/US]; 223 Grinter Hall, Gainesville, FL 32611 (US). UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER AT FORT WORTH [US/US]; 3500 Camp Bowie Boulevard, Fort Worth, TX 76107-2699 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PROKAI, Laszlo [US/US]; 8703 SW 45th Boulevard, Gainesville, FL 32608 (US). PROKAI, Katalin [US/US]; 8703 SW 45th Boulevard, Gainesville, FL 32608 (US). SIMPKINS, James, W. [US/US]; 1150 W. 10th Street, #612, Fort Worth, TX 76102 (US).

(74) EFRON, Margaret et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, A Professional Association, P.O. Box 142950, Gainesville, FL 32614-2950 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 31/59, A61P 19/10, 3/02, 19/00, 35/00, 3/04, 21/00, A61K 31/437, 31/444, 31/55

(11) WO 2005/027913 (13) A1

(21) PCT/IB2004/002899

(22) 6 Sep/sep 2004 (06.09.2004)

(25) en (26) en

(30) 60/504,001 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PHARMACEUTICAL COMPOSITIONS AND METHODS COMPRISING COMBINATIONS OF 2-ALKYLIDENE-19-NOR-VITAMIN D DERIVATIVES AND A GROWTH HORMONE SECRETAGOGUE

• COMPOSITIONS PHARMACEUTIQUES ET METHODES DE TRAITEMENT CONSISTANT EN DES ASSOCIATIONS D'UN DERIVE DE LA 2-ALKYLIDENE-19-NOR-VITAMINE D ET D'UN SECRETAGOGUE DE L'HORMONE DE CROISSANCE

(71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Andrew, George [US/US]; Pfizer Global Research and Development, 50 Pequot Avenue, New London, CT 06320 (US).

(74) FULLER, Grover, F., Jr.; c/o Lawrence, Jackie, Pfizer Inc. MS8260-1615, Eastern Point Road, Groton, CT 06340 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/59, A61P 21/00, 3/02

(11) WO 2005/027914 (13) A1

(21) PCT/IB2004/002901

(22) 6 Sep/sep 2004 (06.09.2004)

(25) en (26) en

(30) 60/504,509 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • 2-ALKYLIDENE-19-NOR-VITAMIN D DERIVATIVES FOR THE TREATMENT OF FRAILITY, MUSCLE DAMAGE OR SARCOPENIA

• DERIVES DE LA 2-ALKYLIDENE-19-NOR-VITAMINE D POUR TRAITER UN ETAT DE SANTE FRAGILE, LES LESIONS MUSCULAIRES OU LA SARCOPENIE

(71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Andrew, George [US/US]; Pfizer Global Research and Development, 50 Pequot Avenue, New London, CT 06320 (US).

(74) FULLER, Grover, F., Jr.; c/o LAWRENCE, Jackie, Pfizer Inc. MS8260-1615, Eastern Point Road, Groton, CT 06340 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/59, A61P 19/10, 3/02, A61K 38/29, A61P 19/00, 35/00, 3/04, 21/00

(11) WO 2005/027915 (13) A1

(21) PCT/IB2004/002902

(22) 6 Sep/sep 2004 (06.09.2004)

(25) en (26) en

(30) 60/504,503 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PHARMACEUTICAL COMPOSITIONS AND METHODS COMPRISING COMBINATIONS OF 2-ALKYLIDENE-19-NOR-VITAMIN D DERIVATIVES AND PARATHYROID HORMONE

• COMPOSITIONS PHARMACEUTIQUES ET METHODES DE TRAITEMENT CONSISTANT EN DES ASSOCIATIONS D'UN DERIVE DE LA 2-ALKYLIDENE-19-NOR-VITAMINE D ET DE L'HORMONE PARATHYROIDIENNE

(71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) THOMPSON, David, Duane [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).

(74) FULLER, Grover, F., Jr.; c/o Lawrence, Jackie, Pfizer Inc. MS8260-1615, Eastern Point Road, Groton, CT 06340 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/59, A61P 19/10, 3/02, A61K 38/29, A61P 19/00, 35/00, 3/04, 21/00, A61K 31/5685, 31/4196, 31/44

(11) WO 2005/027916 (13) A1

(21) PCT/IB2004/002903

(22) 6 Sep/sep 2004 (06.09.2004)

(25) en (26) en

(30) 60/504,005 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PHARMACEUTICAL COMPOSITIONS AND METHODS COMPRISING COMBINATIONS OF 2-ALKYLIDENE-19-NOR-VITAMIN D DERIVATIVES AND AROMATASE INHIBITORS

• COMPOSITIONS PHARMACEUTIQUES ET METHODES DE TRAITEMENT CONSISTANT EN DES ASSOCIATIONS D'UN DERIVE DE LA 2-ALKYLIDENE-19-NOR-VITAMINE D ET D'UN INHIBITEUR DE L'AROMATASE

(71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Andrew, George [US/US]; Pfizer Global Research and Development, 50 Pequot Avenue, New London, CT 06320 (US).

(74) FULLER, Grover, F., Jr.; c/o LAWRENCE, Jackie, Pfizer Inc., MS8260-1615, Eastern Point Road, Groton, CT 06340 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/59, A61P 19/10, 3/02

(11) WO 2005/027917 (13) A1

(21) PCT/IB2004/002912

(22) 6 Sep/sep 2004 (06.09.2004)

(25) en (26) en

(30) 60/504,508 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • 2-ALKYLIDENE-19-NOR-VITAMIN D DERIVATIVES FOR THE TREATMENT OF OSTEOPENIA OR MALE OSTEOPOROSIS
- DERIVES DE LA 2-ALKYLIDENE-19-NOR-VITAMINE D POUR LE TRAITEMENT DE L'OSTEOPENIE OU DE L'OSTEOPOROSE CHEZ L'HOMME
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CAMPAGNARI, Judith, Lee [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).  
LEE, Andrew, George [US/US]; Pfizer Global Research and Development, 50 Pequot Avenue, New London, CT 06320 (US).
- (74) FULLER, Grover, F., Jr.; c/o Lawrence, Jackie, Pfizer Inc. MS8260-1615, Eastern Point Road, Groton, CT 06340 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/59, A61P 19/00, 3/02
- (11) WO 2005/027919 (13) A1
- (21) PCT/IB2004/002914
- (22) 6 Sep/sep 2004 (06.09.2004)
- (25) en (26) en
- (30) 60/504,004 19 Sep/sep 2003 US (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • 2-ALKYLIDENE-19-NOR-VITAMIN D DERIVATIVES FOR THE TREATMENT OF A SECOND HIP FRACTURE
- DERIVES DE LA 2-ALKYLIDENE-19-NOR-VITAMINE D POUR TRAITER OU PREVENIR UNE DEUXIEME FRACTURE DE LA HANCHE
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) THOMPSON, David, Duane [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) FULLER, Grover, F., Jr.; c/o Lawrence, Jackie, Pfizer Inc. MS8260-1615, Eastern Point Road, CT, Groton, 06340 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/59, A61P 19/10, 3/02, A61K 38/29, A61P 19/00, 35/00, 3/04, 21/00, A61K 31/415, 31/42
- (11) WO 2005/027918 (13) A1
- (21) PCT/IB2004/002913
- (22) 6 Sep/sep 2004 (06.09.2004)
- (25) en (26) en
- (30) 60/504,003 19 Sep/sep 2003 US (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PHARMACEUTICAL COMPOSITIONS AND METHODS COMPRISING COMBINATIONS OF 2-ALKYLIDENE-19-NOR-VITAMIN D DERIVATIVES AND A CYCLOOXGENASE-2 INHIBITOR
- COMPOSITIONS PHARMACEUTIQUES ET METHODES DE TRAITEMENT CONSISTANT EN DES ASSOCIATIONS D'UN DERIVE DE LA 2-ALKYLIDENE-19-NOR-VITAMINE D ET D'UN INHIBITEUR DE LA CYCLOXYGENASE-2
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) THOMPSON, David, Duane [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) FULLER, Grover, F., Jr.; c/o Lawrence, Jackie, Pfizer Inc. MS8260-1615, Eastern Point Road, Groton, CT 06340 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/59, A61P 19/08, 3/02
- (11) WO 2005/027920 (13) A1
- (21) PCT/IB2004/002925
- (22) 6 Sep/sep 2004 (06.09.2004)
- (25) en (26) en
- (30) 60/503,811 19 Sep/sep 2003 US (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • 2-ALKYLIDENE-19-NOR-VITAMIN D DERIVATIVES FOR THE TREATMENT OF RICKETS OR VITAMIN D DEFICIENCY
- DERIVES DE LA 2-ALKYLIDENE-19-NOR-VITAMINE D POUR LE TRAITEMENT DU RACHITISME OU D'UNE CARENCE EN VITAMINE D
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MILLER, Jeffrey, Wells [US/US]; 943 Boston Post Road, Madison, CT 06443 (US).  
NDUAKA, Chudi, Ike [NG/US] (US).
- (74) FULLER, Grover, F., Jr.; c/o LAWRENCE, Jackie, Pfizer Inc. MS8260-1615, Eastern Point Road, Groton, CT 06340 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/59, A61P 19/10, 3/02, 19/00, 35/00, 3/04, 21/00, A61K 31/663, 31/675
- (11) WO 2005/027921 (13) A1
- (21) PCT/IB2004/002935
- (22) 6 Sep/sep 2004 (06.09.2004)
- (25) en (26) en
- (30) 60/504,008 19 Sep/sep 2003 US (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PHARMACEUTICAL COMPOSITIONS AND METHODS COMPRISING COMBINATIONS OF 2-ALKYLIDENE-19-NOR-VITAMIN D DERIVATIVES AND A BISPHOSPHONATE
- COMPOSITIONS PHARMACEUTIQUES ET METHODES DE TRAITEMENT CONSISTANT EN DES ASSOCIATIONS D'UN DERIVE DE LA 2-ALKYLIDENE-19-NOR-VITAMINE D ET D'UN BISPHOSPHONATE
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEE, Andrew, George [US/US]; Pfizer Global Research and Development, 50 Pequot Avenue, New London, CT 06320 (US).
- (74) FULLER, Grover, F., Jr.; c/o Lawrence, Jackie, Pfizer Inc. MS8260-1615, Eastern Point Road, Groton, CT 06320 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/59, A61P 5/24, 3/02

(11) WO 2005/027922 (13) A1

(21) PCT/IB2004/002937

(22) 6 Sep/sep 2004 (06.09.2004)

(25) en (26) en

(30) 60/503,810 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • 2-ALKYLIDENE-19-NOR-VITAMIN D DERIVATIVES FOR THE TREATMENT OF HYPOGONADISM OR ANDROPAUSE

• DERIVES DE LA 2-ALKYLIDENE-19-NOR-VITAMINE D POUR LE TRAITEMENT DE L'HYPOGONADISME OU DE L'ANDROPAUSE

(71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CAMPAGNARI, Judith, Lee [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).

(74) FULLER, Grover, F., Jr.; c/o Lawrence, Jackie, Pfizer Inc. MS8260-1615, Eastern Point Road, Groton, CT 06340 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/593, A61P 13/08, 13/10

(11) WO 2005/027923 (13) A1

(21) PCT/EP2004/010760

(22) 24 Sep/sep 2004 (24.09.2004)

(25) en (26) en

(30) 0322395.5 24 Sep/sep 2003 GB (24.09.2003)

(30) 0325598.1 3 Nov/nov 2003 GB (03.11.2003)

(30) 0416876.1 29 Jul/juil 2004 GB (29.07.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • USE OF VITAMIN D3 ANALOGUE FOR THE TREATMENT OF BENIGN PROSTATIC HYPERPLASIA

• UTILISATION D'UN ANALOGUE DE VITAMINE D3 POUR LE TRAITEMENT DE L'HYPERPLASIE PROSTATIQUE BENIGNE

(71) BIOXELL SPA [IT/IT]; via Olgettina 58, I-20132 Milano (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ADORINI, Luciano [IT/IT]; c/o BioXell SpA, via Olgettina 58, I-20132 Milan (IT).  
COLLI, Enrico [IT/IT]; c/o BioXell SpA, Via Olgettina 58, I-20132 Milan (IT).

(74) TEUTEN, Andrew, J.; Sagittarius Intellectual Property Consultants Ltd, Hayes loft, 68A Hayes Place, Marlow, Buckinghamshire SL7 2BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c), (n)

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(v) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61K 31/593, 31/40, 45/06, A61P 19/08, 19/10, 35/00, 3/04

(11) WO 2005/027924 (13) A1

(21) PCT/IB2004/002900

(22) 6 Sep/sep 2004 (06.09.2004)

(25) en (26) en

(30) 60/504,521 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PHARMACEUTICAL COMPOSITIONS AND METHODS COMPRISING COMBINATIONS OF 2-ALKYLIDENE-19-NOR-VITAMIN D DERIVATIVES AND AN ESTROGEN AGONIST/ANTAGONIST

• COMPOSITIONS PHARMACEUTIQUES ET METHODES DE TRAITEMENT CONSISTANT EN DES ASSOCIATIONS D'UN DERIVE DE LA 2-ALKYLIDENE-19-NOR-VITAMINE D ET D'UN AGONISTE/ANTAGONISTE DES OESTROGENES

(71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Andrew, George [US/US]; Pfizer Global Research and Development, 50 Pequot Avenue, New London, CT 06320 (US).

(74) FULLER, Grover, F., Jr.; c/o LAWRENCE, Jackie, Pfizer Inc. MS8260-1615, Eastern Point Road, Groton, CT 06340 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/593, A61P 25/30, 19/08, 19/10

(11) WO 2005/027925 (13) A1

(21) PCT/IB2004/002904

(22) 6 Sep/sep 2004 (06.09.2004)

(25) en (26) en

(30) 60/504,510 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • 2-ALKYLIDENE-19-NOR-VITAMIN D DERIVATIVES FOR THE TREATMENT OF ANOREXIA OR LOW BONE MASS IN FEMALES EXHIBITING AGGRESSIVE ATHLETIC BEHAVIOR

• DERIVES DE LA 2-ALKYLIDENE-19-NOR-VITAMINE D POUR LE TRAITEMENT DE L'ANOREXIE OU DE LA FAIBLE MASSE OSSEUSE CHEZ LES FEMMES MANIFESTANT UN COMPORTEMENT SPORTIF AGRESSIF

(71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THOMPSON, David, Duane [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).

(74) FULLER, Grover, F., Jr.; c/o Lawrence, Jackie, Pfizer Inc. MS8260-1615, Eastern Point Road, Groton, CT 06340 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/593, 38/18, A61P 19/08, 19/10, 35/00, 3/04

(11) WO 2005/027926 (13) A1

(21) PCT/IB2004/002905

(22) 6 Sep/sep 2004 (06.09.2004)

- (25) en (26) en
- (30) 60/504,161 19 Sep/sep 2003 US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PHARMACEUTICAL COMPOSITIONS AND METHODS COMPRISING COMBINATIONS OF 2-ALKYLIDENE-19-NOR-VITAMIN D DERIVATIVES AND A BONE MORPHOGENETIC PROTEIN
- COMPOSITIONS PHARMACEUTIQUES ET METHODES DE TRAITEMENT CONSISTANT EN DES ASSOCIATIONS D'UN DERIVE DE LA 2-ALKYLIDENE-19-NOR-VITAMINE D ET D'UNE PROTEINE MORPHOGENETIQUE OSSEUSE
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CAMPAGNARI, Judith, Lee [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) FULLER, Grover, F., Jr.; c/o LAWRENCE, Jackie, Pfizer Inc. MS8260-1615, Eastern Point Road, Groton, CT 06340 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/593, A61P 3/02, 3/14, 5/18
- (11) WO 2005/027928 (13) A1
- (21) PCT/IB2004/002910
- (22) 6 Sep/sep 2004 (06.09.2004)
- (25) en (26) en
- (30) 60/504,022 19 Sep/sep 2003 US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • 2-ALKYLIDENE-19-NOR-VITAMIN D DERIVATIVES FOR THE TREATMENT OF HYPOCALCEMIC TETANY OR HYPROPARATHYROIDISM
- DERIVES DE LA 2-ALKYLIDENE-19-NOR-VITAMINE D POUR LE TRAITEMENT DE LA TETANIE HYPOCALCEMIQUE OU DE L'HYPOPARATHYROIDIE
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MILLER, Jeffrey, Wells [US/US]; 943 Boston Post Road, Madison, CT 06443 (US).  
NDUAKA, Chudi, Ike [NG/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) FULLER, Grover, F., Jr.; C/o LAWRENCE, Jackie, Pfizer Inc., MS8260-1615, Eastern Point Road, Groton, CT 06340 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/593, A61P 19/00, 19/08
- (11) WO 2005/027927 (13) A1
- (21) PCT/IB2004/002906
- (22) 6 Sep/sep 2004 (06.09.2004)
- (25) en (26) en
- (30) 60/504,511 19 Sep/sep 2003 US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • 2-ALKYLIDENE-19-NOR-VITAMIN D DERIVATIVES FOR ENHANCEMENT OF PEAK BONE MASS IN ADOLESCENCE
- DERIVES DE LA 2-ALKYLIDENE-19-NOR-VITAMINE D POUR AUGMENTER LE PIC DE LA MASSE OSSEUSE A L'ADOLESCENCE
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) THOMPSON, David, Duane [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) FULLER, Grover, F., Jr.; c/o LAWRENCE, Jackie, Pfizer Inc. MS8260-1615, Eastern Point Road, Groton, CT 06340 (US).
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- (51)<sup>7</sup> A61K 31/593, 31/56, 31/57, 31/565, 45/06, A61P 19/08, 19/10, 35/00, 3/04
- (11) WO 2005/027929 (13) A1
- (21) PCT/IB2004/002911
- (22) 6 Sep/sep 2004 (06.09.2004)
- (25) en (26) en
- (30) 60/504,023 19 Sep/sep 2003 US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PHARMACEUTICAL COMPOSITIONS AND METHODS COMPRISING COMBINATIONS OF 2-ALKYLIDENE-19-NOR-VITAMIN D DERIVATIVES AND AN ESTROGEN
- COMPOSITIONS PHARMACEUTIQUES ET METHODES DE TRAITEMENT CONSISTANT EN DES ASSOCIATIONS D'UN DERIVE DE LA 2-ALKYLIDENE-19-NOR-VITAMINE D ET D'UN OESTROGENE
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KEYS, Sharon, Caroline [GB/US]; Pfizer Global Research and Development, 50 Pequot Avenue, New London, CT 06320 (US).
- (74) FULLER, Grover, F., Jr.; c/o LAWRENCE, Jackie, Pfizer Inc. MS8260-1615, Eastern Point Road, Groton, CT 06340 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- 
- (51)<sup>7</sup> A61K 31/593, A61P 35/00, 19/08
- (11) WO 2005/027930 (13) A1
- (21) PCT/IB2004/002918
- (22) 6 Sep/sep 2004 (06.09.2004)
- (25) en (26) en
- (30) 60/504,021 19 Sep/sep 2003 US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • 2-ALKYLENE-19-NOR-VITAMIN D DERIVATIVES FOR THE TREATMENT OF OSTEOSARCOMA
- DERIVES DE LA 2-ALKYLIDENE-19-NOR-VITAMINE D POUR LE TRAITEMENT DE L'OSTEOSARCOME
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CAMPAGNARI, Judith, Lee [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) FULLER, Grover, F., Jr.; c/o LAWRENCE, Jackie, Pfizer Inc. MS8260-1615, Eastern Point Road, Groton, CT 06340 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/593, 31/4406, 45/06, A61P 19/08, 19/10, 35/00, 3/04

(11) WO 2005/027931 (13) A1

(21) PCT/IB2004/002949

(22) 6 Sep/sep 2004 (06.09.2004)

(25) en (26) en

(30) 60/503,798 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PHARMACEUTICAL COMPOSITIONS AND METHODS COMPRISING COMBINATIONS OF 2-ALKYLDENE-19-NOR-VITAMIN D DERIVATIVES AND AN EP2 OR EP4 SELECTIVE AGONIST

• COMPOSITIONS PHARMACEUTIQUES ET METHODES DE TRAITEMENT CONSISTANT EN DES ASSOCIATIONS D'UN DERIVE DE LA 2-ALKYLDENE-19-NOR-VITAMINE D ET D'UN AGONISTE SELECTIF DE EP<SB>2</SB> OU EP<SB>4</SB>

(71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Andrew, George [US/US]; Pfizer Global Research and Development, 50 Pequot Avenue, New London, CT 06320 (US). THOMPSON, David, Duane [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).

(74) FULLER, Grover, F., Jr.; c/o LAWRENCE, Jackie, Pfizer Inc. MS8260-1615, Eastern Point Road, Groton, CT 06340 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 31/606, 47/02, 47/12, 47/20, 47/22, A61P 1/04

(11) WO 2005/027932 (13) A1

(21) PCT/JP2004/013627

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-329796 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • 5-AMINOSALICYLIC ACID SOLID PREPARATION IMPROVED IN DISCOLORATION AND METHOD OF STORING THE SAME

• PREPARATION SOLIDE A BASE D'ACIDE 5-AMINOSALICYLIQUE AMELIOREE EN TERMES DE DECOLORATION ET SON PROCEDE DE STOCKAGE

(71) NISSHIN KYORIN PHARMACEUTICAL CO., LTD. [JP/JP]; Ohm Bldg., 1 Kandanshiki-cho 3-chome, Chiyoda-ku, Tokyo, 1010054 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIMIZU, Noboru [JP/JP]; c/o Nisshin Kyorin Pharmaceutical Co., Ltd. Research Laboratories, 3-1, Tsurugaoka 5-chome, Ohimachi, Iruma-gun, Saitama, 3568511 (JP).

(74) INABA, Yoshiyuki et al. / etc.; TMI ASSOCIATES 23rd Floor, Roppongi Hills Mori Tower, 6-10-1, Roppongi, Minato-ku, Tokyo, 1066123 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/6615, 31/685, A61P 17/06, 17/02, 19/02, 19/04, 41/00

(11) WO 2005/027933 (13) A1

(21) PCT/AU2004/001290

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 2003905186 23 Sep/sep 2003 AU (23.09.2003)

(30) 2004901087 2 Mar/mar 2004 AU (02.03.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • UNSATURATED PHOSPHATIDYLCHOLINES AND USES THEREOF  
• PHOSPHATIDYLCHOLINES INSATUREES ET UTILISATIONS DE CELLES-CI

(71) THE CORPORATION OF THE TRUSTEES OF THE ORDER OF THE SISTERS OF MERCY IN QUEENSLAND [AU/AU]; Raymond Terrace, South Brisbane, Queensland 4101 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEN, Yi [AU/AU]; 15 Love Street, Fairfield, Queensland 4103 (AU). HILLS,

Brian, Andrew [AU/AU]; 29 Peach Treet Close, Alexandra Hills, Queensland 4161 (AU).

(74) HUGHES, E, John, L et al. / etc.; 1 Nicholson Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/664, A61P 25/28, 33/02, 43/00, C07F 9/59

(11) WO 2005/027934 (13) A1

(21) PCT/JP2004/013829

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ja (26) ja

(30) 2003-331513 24 Sep/sep 2003 JP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROLYL OLIGOPEPTIDASE INHIBITOR

• INHIBITEUR DE LA PROLYL OLIGOPEPTIDASE

(71) NIPPON KAYAKU KABUSHIKI KAISHA [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo, 1028172 (JP). Z Aidan Hojin Biseibutsu Kagaku Kenkyu Kai [JP/JP]; 14-23, Kamiosaki 3-chome, Shinagawa-ku, Tokyo, 1410021 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ABE, Masatoshi [JP/JP]; 27-14, Iwabuchimachi, Kita-ku, Tokyo, 1150041 (JP). MURAOKA, Yasuhiko [JP/JP]; 11-2-1107, Takashimadaira 3-chome, Itabashi-ku, Tokyo, 1750082 (JP). KOJIMA, Fukiko [JP/JP]; 1-3-1-803, Kasuga 1-chome, Bunkyo-ku, Tokyo, 1120003 (JP).

(74) ASAMURA, Kiyoshi et al. / etc.; Room 331, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo, 1000004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/70, 31/7004, 31/7016, 31/715, 38/06, A23L 1/30, 1/305, A61P 11/00

(11) WO 2005/027935 (13) A1

(21) PCT/NL2004/000649

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 03077972.2 19 Sep/sep 2003 EP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CARBOHYDRATE COMPOSITION AND ITS USE FOR THE PREPARATION OF A MEDICAMENT FOR TREATING OR PREVENTING PULMONARY INFLAMMATION OR ACUTE RESPIRATION DISTRESS SYNDROME

• COMPOSITION GLUCIDIQUE ET SON UTILISATION POUR LA PREPARATION D'UN MEDICAMENT PERMETTANT DE TRAITER OU DE PREVENIR LES INFLAMMATIONS PULMONAIRES OU LES INSUFFISANCES RESPIRATOIRES AIGUES

(71) N.V. NUTRICIA [NL/NL]; Eerste Stationsstraat 186, NL-2712 HM Zoetermeer (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN NORREN, Klaske [NL/NL]; Fluitersdreef 4, NL-6871 LP Renkum (NL). VAN HOORN, Eduard, Christian [NL/NL]; Britanjesingel 65, NL-6671 AZ Zetten (NL). HAGEMAN, Robert, Johan, Joseph [NL/NL]; Hamsterlaan 12, NL-6705 CT Wageningen (NL). LAMB, Kelly, Jane [GB/NL]; Troelstraweg 113, NL-6702 AJ Wageningen (NL).

(74) VAN WESTENBRUGGE, Andries et al. / etc.; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 31/702, 31/716, 45/06, A61P 31/04, 31/12, 35/00, 37/00, 31/10

(11) WO 2005/027936 (13) A2

(21) PCT/EP2004/010995

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 10/668,665 23 Sep/sep 2003 US (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • THERAPEUTICAL TREATMENT WITH OLIGO-BETA-(1, 3)-GLUCANS DRUGS USED IN SAID TREATMENT

• TRAITEMENT AU MOYEN D'OLIGO-BETA-(1,3)- GLUCANES ET MEDICAMENT UTILISES DANS LE CADRE DE CE TRAITEMENT

(71) LABORATORIES GOEMAR SA [FR/FR]; Zac de la Madeleine, F-35400 Saint Malo (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YVIN, Jean-Claude [FR/FR]; 2, rue Gabriel-Degrés, F-35400 Saint Malo (FR). JAMOIS, Frank [FR/FR]; 21, rue de la Giraudais, F-35520 La Chapelle des Fougeretz (FR). VETVICKA, Vaclav [CZ/US]; 3620 Brookhollow Drive, Louisville, KY 40220 (US).

(74) TOUATI, Catherine et al. / etc.; Cabinet Plasseraud, 65/67, rue de la Victoire, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A61K 31/7032, 35/78, 35/80, A61P 35/00, C12N 9/99

(11) WO 2005/027937 (13) A1

(21) PCT/JP2004/013432

(22) 15 Sep/sep 2004 (15.09.2004)

(25) ja (26) ja

(30) 2003-330682 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GLYCOLIPID-CONTAINING COMPOSITION, USE THEREOF AND PROCESS FOR PRODUCING THE SAME

• COMPOSITION CONTENANT DES GLYCOLIPIDES, SES APPLICATIONS ET SON PROCEDE DE PRODUCTION

(71, 72) MIZUSHINA, Yoshiyuki [JP/JP]; Room301, Yamada Mansion, 513 Arise, Ikawadani-cho, Nishi-ku, Kobe-shi, Hyogo, 6512113 (JP).

(72, 75) HADA, Takahiko [JP/JP]; Room 402, Great Mansion Harada, 207-3 Shimo, Seto-cho, Akaiwa-gun, Okayama, 709-0856 (JP). YOSHIDA, Hiromi [JP/JP]; 1-18-6, Karibadai, Nishi-ku, Kobe-shi, Hyogo, 6512272 (JP).

(74) TSUBURAYA, Toru; Room1616, Osaka Ekimae Dai-3 Bldg., 1-1-3, Umeda, Kita-ku, Osaka-shi, Osaka, 5300001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/716, 31/675, A61P 35/00

(11) WO 2005/027938 (13) A1

(21) PCT/EP2004/010993

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 10/668,661 23 Sep/sep 2003 US (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CHEMOTHERAPEUTIC ANTINEOPLASTIC TREATMENT

• TRAITEMENT CHIMIOTHERAPEUTIQUE ANTI-NEOPLASTIQUE

(71) LABORATORIES GOEMAR SA [FR/FR]; Zac de la Madeleine, F-35400 Saint Malo (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YVIN, Jean-Claude [FR/FR]; 2, rue Gabriel Dégres, F-35400 Saint Malo (FR). VETVICKA, Vaclav [CZ/US]; 3620 Brookhollow Drive, Louisville, KY 40220 (US).

(74) TOUATI, Catherine et al. / etc.; Cabinet Plasseraud, 65/67 rue de la Victoire, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

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(51)<sup>7</sup> A61K 31/717, 31/721, 31/723, 9/08, 47/00

(11) WO 2005/027939 (13) A1

(21) PCT/US2003/026431

(22) 21 Aug/août 2003 (21.08.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LIQUID FORMULATIONS FOR THE PREVENTION AND TREATMENT OF



## MUCOSAL DISEASES AND DISORDERS

- PREPARATIONS LIQUIDES POUR LA PREVENTION ET LE TRAITEMENT DE MALADIES ET DE TROUBLES DE MUQUEUSES
- (71) ACCESS PHARMACEUTICALS, INC. [US/US]; 2600 Stemmons Freeway, Suite 176, Dallas, TX 75207-2107 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JACOB, Jeremy, E. [US/US]; 1408 Berne Lane, Lewisville, TX 75067 (US). NOWOTNIK, David, P. [GB/US]; 1405 Bellefonte Lane, Colleyville, TX 75034 (US). BAUD, Christiane, M. [FR/US]; 5507 Stanford Avenue, Dallas, TX 75209 (US).
- (74) KONSKI, Antoinette, F. et al. / etc.; Bing-ham McCutchen LLP, Three Embarcadero Center, Suite 1800, San Francisco, CA 94111-4067 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/79, 9/70, 47/10, 47/14, 47/38, A61P 17/02
- (11) WO 2005/027940 (13) A1
- (21) PCT/JP2004/013784
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) ja (26) ja
- (30) 2003-329583 22 Sep/sep 2003 JP (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CATAPLASM FOR REPAIRING DAMAGED SKIN  
• CATAPLASME DESTINE A SOIGNER LES LESIONS CUTANEEES
- (71) KOWA CO., LTD. [JP/JP]; 6-29, Nishiki 3-chome, Naka-ku, Nagoya-shi, Aichi 460-8625 (JP). TEIKA PHARMACEUTICAL CO., LTD. [JP/JP]; 3-27, Arakawa 1-chome, Toyama-shi, Toyama 930-0982 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOURI, Kazusige [JP/JP]; 1103-8, Hara, Numazu-shi, Shizuoka 410-0312 (JP). KANEBAKO, Makoto [JP/JP]; 595-7-595, Shimotogari, Nagaizumi-cho, Suntou-gun, Shizuoka 411-0943 (JP). NOMURA, Kotoe [JP/JP]; 2-11-29, Imai, Fuji-shi, Shizuoka 417-0846 (JP). TAKEUTI, Hidetatu [JP/JP]; 287-1, Teratukahara, Shinminato-shi, Toyoma 934-0056 (JP). HARA, Akira [JP/JP]; 3-7-17-301, Hanazono-cho, Toyoma-shi, Toyoma 939-8201 (JP).
- (74) THE PATENT CORPORATE BODY ARUGA PATENT OFFICE; Kyoto
- Bld., 3-6, Nihonbashingyocho 1-chome, Chuo-ku, Tokyo 103-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 35/02, 35/80, 7/00, A61P 17/00
- (11) WO 2005/027941 (13) A1
- (21) PCT/JP2004/014013
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) ja (26) ja
- (30) 2003-328852 19 Sep/sep 2003 JP (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SKIN PREPARATION FOR EXTERNAL USE  
• PREPARATION POUR LA PEAU A USAGE EXTERNE
- (71, 72) KITASAKI, Shinichi [JP/JP]; 164-5, Bonsai-cho, Kita-ku, Saitama-shi, Saitama, 3300035 (JP).
- (74) ISSHIKI & CO.; Rookin-Shinbashi Bldg. 12-7, Shinbashi 2-chome, Minato-ku, Tokyo, 1050004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 35/58, A61P 35/00
- (11) WO 2005/027942 (13) A1
- (21) PCT/DE2004/002058
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) de (26) de
- (30) 103 42 747.3 16 Sep/sep 2003 DE (16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PHARMACEUTICAL ACTIVE INGREDIENT MADE FROM SNAKE POISON TO FIGHT AGAINST MELANOMAS  
• PRINCIPE ACTIF PHARMACEUTIQUE PROVENANT DE VENIN DE SERPENT, CE PRINCIPE ACTIF SERVANT A TRAITER LES MELANOMES
- (71) TOXIMED GMBH [DE/DE]; Tal 34, 80331 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WEICKMANN, Dirk [DE/DE]; Ligsalzstrasse 36, 80339 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 35/64, 35/76
- (11) WO 2005/027943 (13) A1
- (21) PCT/EP2004/009244
- (22) 18 Aug/août 2004 (18.08.2004)
- (25) de (26) de
- (30) 103 42 104.1 10 Sep/sep 2003 DE (10.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR THE PRODUCTION OF AN AGENT FROM LARVAE IN FLIES FOR TREATING WOUNDS AND AGENT PRODUCED ACCORDING TO SAID METHOD  
• PROCEDE DE PRODUCTION D'UN AGENT PROVENANT DE LARVES DE MOUCHES POUR LE TRAITEMENT DE PLAIES, ET AGENT OBTENU SELON CE PROCEDE
- (71, 72) FLEISCHMANN, Wilhelm [DE/DE]; Wieschweg 26, 74321 Bietigheim-Bissingen (DE).
- (74) WESTPHAL, MUSSGUG & PARTNER; Am Riettor 5, 78048 Villingen-Schwenningen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)

(51)<sup>7</sup> A61K 35/78, A61P 39/06, 29/00, A23L 1/30

(11) WO 2005/027944 (13) A1

(21) PCT/CA2004/001724

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 60/503,881 22 Sep/sep 2003 US (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ORAL COMPOSITIONS AND ROUTE OF ADMINISTRATION FOR THE DELIVERY OF A THYLAKOID EXTRACT  
• COMPOSITIONS ORALES ET VOIE D'ADMINISTRATION D'UN EXTRAIT DE THYLAKOIDE

(71) PURECELL TECHNOLOGIES INC. [CA/CA]; 4925, Lionel-Groulx, bureau 21, St-Augustin-de-Desmaures, Quebec G3A 1V1 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PURCELL, Marc [CA/CA]; 4538c de la Futaie, Saint-Augustin-de-Desmaures, Quebec G3A 1C7 (CA). DROUIN, Réjean [CA/CA]; 1690 rue Principale, St-Gilles de Lotbinière, Quebec G0S 2P0 (CA).

(74) DUBUC, J. et al. / etc.; Goudreau Gage Dubuc, Stock Exchanges Tower, Suite 3400, 800 Place Victoria, P.O. Box 242, Montreal, Quebec H4Z 1E9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 35/78, 9/127, A61P 17/06

(11) WO 2005/027945 (13) A1

(21) PCT/CA2004/001726

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 10/669,416 25 Sep/sep 2003 US (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MAHONIA AQUIFOLIUM EXTRACT, EXTRACTION PROCESS AND PHARMACEUTICAL COMPOSITION CONTAINING THE SAME

• EXTRAIT DE MAHONIA AQUIFOLIUM, PROCÉDE D'EXTRACTION ET COMPOSITION PHARMACEUTIQUE CONTENANT LEDIT EXTRAIT

(71) PRIME PHARMACEUTICAL CORPORATION [CA/CA]; 299 Rimrock Road, North York, Ontario M3J 3C6 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MILLS, Robert [CA/CA]; 1065-103 Eglinton Avenue West, Toronto, Ontario M6C 2E1 (CA). MATHUR, Rajiv [US/US]; 35 Milestone Drive, Ringoes, New Jersey 08551 (US). LAWRENCE, Nadya [US/US]; 704 New England Road, Cape May, New Jersey 08204 (US).

(74) LACHAINE, Kimberley, A. et al. / etc.; Kirby Eades Gale Baker, Box 3432, Station D., Ottawa, Ontario K1P 6N9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 35/78, A23L 1/10

(11) WO 2005/027946 (13) A1

(21) PCT/EP2003/009239

(22) 20 Aug/août 2003 (20.08.2003)

(25) de (26) de

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VEGETAL PLACENTA EXTRACTS, METHOD FOR THE PRODUCTION AND USE THEREOF  
• EXTRAITS PLACENTAIRES VEGETAUX, PROCÉDE POUR LES PRÉPARER ET LEUR UTILISATION

(71, 72) RIEMSCHEIDER, Randolph [DE/DE]; Oldenburgallee 55/56, 14052 Berlin (DE).

(74) HARTMANN, Günter; Ruschke-Hartmann-Becker, Pienzenauerstr. 2, 81679 München (DE).

(81) CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> A61K 35/78, A61P 9/14

(11) WO 2005/027947 (13) A1

(21) PCT/EP2004/010148

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) MI2003A001789 19 Sep/sep 2003 IT (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ORAL COMPOSITIONS FOR THE TREATMENT OF CELLULITE

• COMPOSITIONS ORALES DESTINÉES AU TRAITEMENT DE LA CELLULITE

(71) INDENA S.P.A. [IT/IT]; Via Ortles, 12, I-20139 Milano (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOMBARDELLI, Ezio [IT/IT]; Via Val di Sole, 22, I-20141 Milano (IT).

(74) MINOJA, Fabrizio et al. / etc.; Bianchetti Bracco Minoja S.r.l., Via Plinio, 63, I-20129 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 35/78, 9/14, A61P 1/10

(11) WO 2005/027948 (13) A1

(21) PCT/EP2004/007905

(22) 16 Jul/juil 2004 (16.07.2004)

(25) de (26) de

(30) 103 41 403.7 5 Sep/sep 2003 DE (05.09.2003)

(30) 103 46 083.7 4 Oct/oct 2003 DE (04.10.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • POWDERY COMPOSITION FOR USE AS A LAXATIVE  
• COMPOSITION PULVERULENTE SERVANT DE LAXATIF

(71) MADAUS AG [DE/DE]; Colonia-Allee 15, 51067 Köln (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHATA, Martin [DE/DE]; Melbecksweg 16, 40489 Düsseldorf (DE). PULLEN, Christian [DE/DE]; Max-Pester-Strasse 16, 51061 Köln (DE).

(74) GESTHUYSEN, VON ROHR & EG-GERT; Huyssenallee 100, 45128 Essen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 35/78, 31/121, 9/48, 9/08, 9/20, A61P 1/16, A23L 1/30

(11) WO 2005/027949 (13) A1

(21) PCT/JP2004/012397

(22) 27 Aug/août 2004 (27.08.2004)

(25) ja (26) ja

(30) 2003-325276 17 Sep/sep 2003 JP  
(17.09.2003)(30) 2004-188519 25 Jun/juin 2004 JP  
(25.06.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TURMERIC-CONTAINING COMPOSITION

- COMPOSITION CONTENANT UN TURMÉRIQUE

(71) LEQUIO PHARMA CO., LTD. [JP/JP]; 1-12, Matsuyama 2-chome, Naha-shi, Okinawa 900-0032 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) NAKAMURA, Kaoru [JP/JP]; c/o Lequio Pharma Co., Ltd., 1-12, Matsuyama 2-chome, Naha-shi, Okinawa 900-0032 (JP). YAMANAKA, Hachiro [JP/JP]; c/o Lequio Pharma Co., Ltd., 1-12, Matsuyama 2-chome, Naha-shi, Okinawa 900-0032 (JP).

(74) SHOJI, Takashi et al. / etc.; 6F, SN Iwamotocho Bldg., 2-10, Iwamotocho 3-chome, Chiyoda-ku, Tokyo 101-0032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 35/78, 33/34, 33/04, A23L 1/30

(11) WO 2005/027950 (13) A1

(21) PCT/US2004/029941

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 60/502,754 12 Sep/sep 2003 US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EYE NUTRITIONAL SUPPLEMENT

- COMPLEMENT NUTRITIONNEL POUR L'OEIL

(71) RAY AND TERRY'S HEALTH PRODUCTS, INC. [US/US]; 15 Walnut Street, Wellesley Hills, MA 02481 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) GROSSMAN, Terry [US/US]; 7682 E. Arizona Drive, Denver, CO 80231 (US). KURZWEIL, Raymond, C. [US/US]; 203 Lake Avenue, Newton, MA 02161 (US).

(74) MALONEY, Denis, G.; Fish &amp; Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 35/78, A61L 31/16, 31/08, A61P 17/06, 29/00, 35/00

(11) WO 2005/027951 (13) A1

(21) PCT/US2004/030331

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 10/665,055 16 Sep/sep 2003 US  
(16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR CONTROLLING ANGIOGENESIS IN ANIMALS

- PROCEDE DE REGULATION DE L'ANGIOGENESE CHEZ L'ANIMAL

(71) GLYCOGENESYS, INC. [US/US]; 31 St. James Street 8th Floor, Boston, MA 02116 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) CHANG, Yan [US/US]; 79 Winter Street, Ashland, MA 01721 (US). SASAKI, Vodek [US/US]; 10 Agawam Drive, Northborough, MA 01532 (US).

(74) VINCENT, Matthew, P. et al. / etc.; Ropes &amp; Gray LLP, One International Place, Boston, MA 02110-2624 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 35/84, 9/08, 9/14, 9/20, 9/48, A61P 3/00, 35/00, 37/02

(11) WO 2005/027952 (13) A1

(21) PCT/JP2004/012957

(22) 6 Sep/sep 2004 (06.09.2004)

(25) ja (26) ja

(30) 2003-325337 17 Sep/sep 2003 JP  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPOSITION EXERTING PHYSIOLOGICAL ACTIVITY VIA BIOLOGICAL IMMUNE MECHANISM

- COMPOSITION A ACTIVITE PHYSIOLOGIQUE REPOSANT SUR LE MECANISME BIOLOGIQUE IMMUN

(71) SUNDORY CO., LTD. [JP/JP]; 6-964, Nakamozucho, Sakai-shi, Osaka 591-8023 (JP). KYOWA ENGINEERING CO., LTD. [JP/JP]; 6-17, Kudanminami 1-chome, Chiyoda-ku, Tokyo 102-0074 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) OTA, Tomihisa [JP/JP]; 1-310, Goshomachi, Kanazawa-shi, Ishikawa 920-0813 (JP).

(74) YAMAMOTO, Shusaku et al. / etc.; 15th Floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 38/00

(11) WO 2005/027953 (13) A2

(21) PCT/EP2004/010782

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 03078012.6 23 Sep/sep 2003 EP  
(23.09.2003)(30) 03078496.1 6 Nov/nov 2003 EP  
(06.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • USE OF PROLINE SPECIFIC ENDO-PROTEASES TO HYDROLYSE PEPTIDES AND PROTEINS

- UTILISATION D'ENDOPROTEASES SPECIFIQUES DE LA PROLINE POUR L'HYDROLYSE DE PEPTIDES ET DE PROTEINES

(71) DSM IP ASSETS B.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) EDENS, Luppò [NL/NL]; Hoflaan 118, NL-3062 JL Rotterdam (NL). VAN DER HOEVEN, Robertus, Antonius, Mijndert [NL/NL]; Kerkstraat 6a, NL-2223 AJ Katwijk (NL). DE ROOS, Andre, Leonardus [NL/NL]; Hof van Aazuur 33, NL-2614 TB Delft (NL). HARVEY, Melissa [AU/AU]; 101 Lawrence Hargrave Drive, Stanwell Parks, NSW (AU).

(74) MATULEWICZ, Emil, Rudolf, Antoni et al. / etc.; DSM Intellectual Property, Delft Office (600-0240), P.O. Box 1, NL-2600 MA Delft (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 38/00

(11) WO 2005/027954 (13) A2

(21) PCT/IB2003/006513

(22) 15 Aug/août 2003 (15.08.2003)

(25) en (26) en

(30) 10/222,540 16 Aug/août 2002 US (16.08.2002)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SINCALIDE FORMULATIONS

• FORMULATIONS A BASE DE SINCALIDE

(71) BRACCO INTERNATIONAL B.V. [NL/NL]; 3051 Strawinskylaan, NL-1077 ZX Amsterdam (NL).

(72) METCALFE, Edmund, C.; 1503 William & Mary Common, Hillsbrough, NJ 08844 (US). MONTEFERRANTE, Jo Anna; 18 Johnston Drive, Flemington, NJ 08822 (US). NEWBORN, Margaret; 8 Aqua Terrace, Hamilton, NJ 08620 (US). ROPIAK, Irene; 15122 East Run Drive, Lawrenceville, NJ 08648 (US). SCHRAMM, Ernst; 815 Prospect Avenue, Milltown, NJ 08850 (US). WHITE, Gregory; 23 Oaktree Road, Monmouth JCT, NJ 08852 (US). ZODDA, Jules; 3 Tigers Court, Mercerville, NJ 08619 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 38/00

(11) WO 2005/027955 (13) A1

(21) PCT/IB2004/003076

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 60/505,159 24 Sep/sep 2003 US (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ORAL COMPOSITIONS FOR THE STIMULATION OF GASTRIC ACID SECRETION COMPRISING PENTAGASTRIN

• COMPOSITIONS A ADMINISTRATION PAR VOIE ORALE, DESTINEES A LA STIMULATION DE LA SECRETION D'ACIDE GASTRIQUE ET COMPORTANT DE LA PENTAGASTRINE

(71) VECTA LTD. [IL/IL]; 12 Hamada Street, Beit Tamar, 76703 Rehovot (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GLOZMAN, Sabina [IL/IL]; 19B/8 Max Nordaw Street, 76247 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 0404462.4 28 Feb/fév 2004 GB (28.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF TREATING ALLERGY AND/OR AIRWAY DISEASE

• PROCEDE DE TRAITEMENT D'ALLERGIES ET/OU DE MALADIES DES VOIES RESPIRATOIRES

(71) UNIVERSITY OF STRATHCLYDE [GB/GB]; McCance Building, 16 Richmond Street, Glasgow G1 1XG (GB). UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW [GB/GB]; Gilbert Scott Building, University Avenue, Glasgow G12 8QQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARNETT, Margaret, McCann [GB/GB]; 3 Great Western Terrace, Kelvin-side, Glasgow G12 0UP (GB). MCINNES, Iain, Blair [GB/GB]; 36 Thorn Road, Bearsden, Glasgow G61 1AJ (GB). MCSHARRY, Charles, P. [GB/GB]; 75 Queen Margaret Drive, Glasgow G20 8PA (GB). ROMERO, Alirio, Jose, Melendez [GB/SG]; Gillman Heights Condominium, Block 1E, #06-42, Singapore 104001 (SG). HARNETT, William [GB/GB]; 3 Great Western Terrace, Kelvin-side, Glasgow G12 0UP (GB).

(74) SZCZUKA, Jan, Tymoteusz et al. / etc.; Marks & Clerk, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTIPLE-ARM PEPTIDE COMPOUNDS, METHODS OF MANUFACTURE AND USE IN THERAPY

• COMPOSES PEPTIDIQUES A BRAS MULTIPLES, PROCEDE POUR LES PRODUIRE ET LEUR UTILISATION EN THERAPIE

(71, 72) IMRAN, Mir, A. [US/US]; 1390 Willow Road, Menlo Park, CA 94025 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) LI, Cheng; 4169 Boyle Drive, Fremont, CA 94536 (US). IMRAN, Mir, A.; 26641 Laurel Lane, Los Altos, CA 94022 (US).

(74) PETERS, Howard, M. et al. / etc.; Peters, Verny, Jones & Schmitt, LLP, 425 Sherman Avenue, Suite 230, Palo Alto, CA 94306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 0400811.6 14 Jan/jan 2004 GB (14.01.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • THYMOSIN-BETA-SULPHOXIDE AS AN IMMUNOSUPPRESSIVE ACTIVE AGENT

- THYMOSINE-BETA-SULPHOXYDE COMME IMMUNODEPRESSEUR ACTIF

(71) IMPERIAL COLLEGE INNOVATIONS LTD [GB/GB]; Sherfield Building, Imperial College, London SW7 2AZ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUPONT, Peter, John [GB/GB]; Department of Immunology, Commonwealth Building, Hammersmith Hospital, Ducane Road, London W12 0NN (GB). WARRENS, Anthony, Nigel [GB/GB]; Department of Immunology, Commonwealth Building, Hammersmith Hospital, Ducane Road, London W12 0NN (GB). DOOLDENIYA, Mohan-  
tha, Deevan [GB/GB]; 10S5 Commonwealth Building, Imperial College-Hammersmith, Ducane Road, London W12 0NN (GB).

(74) BASSIL, Nicholas, Charles et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 60/530,418 18 Dec/déc 2003 US (18.12.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SELECTIVE INHIBITION OF NF-KAPPA-B ACTIVATION BY PEPTIDES DESIGNED TO DISRUPT NEMO OLIGOMERIZATION.

- INHIBITION SELECTIVE DE L'ACTIVATION DE NF- $\kappa$ B PAR DES PEPTIDES CONÇUS POUR PERTURBER L'OLIGOMERISATION DE LA PROTEINE NEMO

(71) INSTITUT PASTEUR [FR/FR]; 28 rue du Docteur Roux, F-75015 Paris (FR). INSERM (Institut National de la Santé et de la Recherche Médicale) [FR/FR]; 101 rue de Tolbiac, F-75013 Paris (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3 rue Michel-Ange, F-75016 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AGOU, Fabrice [FR/FR]; 21 avenue du Bel Air, F-75012 Paris (FR). COURTOIS, Gilles [FR/FR]; 157 rue de Ménilmontant, F-75020 Paris (FR). ISRAEL, Alain [FR/FR]; 20 rue Daguerre, F-75014 Paris (FR). VERON, Michel [FR/FR]; 16 rue de Fourcy, F-75004 Paris (FR). TRAINCARD, François [FR/FR]; 21 rue Jules Guesdès, F-92130 Issy-Les-Moulineaux (FR). YAMAOKA, Shoji [JP/FR]; 34 rue de Vouillé, F-75015 Paris (FR).

(74) CABINET ORES; 36 rue de St Pétersbourg, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LIQUID HUMAN GROWTH HORMONE FORMULATION CONTAINING POLYETHYLENE GLYCOL

- FORMULATION LIQUIDE DE L'HORMONE DE CROISSANCE HUMAINE CONTENANT DU POLYETHYLENE GLYCOL

(71) CANGENE CORPORATION [CA/CA]; 26 Henlow Bay, Winnipeg, Manitoba R3Y 1G4 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILLIAMS, Ashley, Martin, [CA/CA]; 26 Henlow Bay, Winnipeg, Manitoba R3Y 1G4 (CA). SEREDA, Terrance, Jimmy, [CA/CA]; 26 Henlow Bay, Winnipeg, Manitoba R3Y 1G4 (CA). WIEBE, Deanna, June, [CA/CA]; 26 Henlow Bay, Winnipeg, Manitoba R3Y 1G4 (CA).

(74) ADE & COMPANY; 1700-360 Main Street, Winnipeg, Manitoba R3C 3Z3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/504,968 23 Sep/sep 2003 US (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CHLAMYDIA PMPD AUTOTRANS-PORTER AND ITS ROLE AS ADHESIN

- AUTOTRANSPORTEUR DE PMPD CHLAMYDIALE ET SON ROLE COMME ADHESINE

(71) MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V. [DE/DE]; Hofgartenstrasse 8, 80539 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MEYER, Thomas, F. [DE/DE]; Am Rupenhorn 3B, 14055 Berlin (DE). WEHRL, Wolfgang [DE/DE]; Manteuffelstrasse 101, 10997 Berlin (DE). SZCZEPEK, Agnes, J. [CA/DE]; Gervenusstrasse 25, 10629 Berlin (DE).

(74) WEICKMANN & WEICKMANN; Postfach 860 820, 81635 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 39/02, 39/116, 39/38, C07K 1/00, C12P 21/04, 1/02

(11) WO 2005/027962 (13) A1

(21) PCT/US2004/030874

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/503,997 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • 4'-THIONUCLEOSIDES AND OLIGOMERIC COMPOUNDS

- 4'-THIONUCLEOSIDES ET COMPOSES D'OLIGOMERES

(71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BHAT, Balkrishen** [IN/US]; 911 Rosemary Avenue, Carlsbad, CA 92009 (US). **DANDE, Prasad** [IN/US]; 348 Pine Avenue, Apt.A13, Carlsbad, CA 92008 (US). **PRAKASH, Thazha, P.** [IN/US]; 6928 Pear Tree Drive, Carlsbad, CA 92009 (US). **ALLERSON, Charles** [US/US]; 971 Beach Crest Court, Carlsbad, CA 92009 (US). **SWAYZE, Eric, E.** [US/US]; 7789 Palenque Street, Carlsbad, CA 92009 (US). **GRIFFEY, Richard, H.** [US/US]; 360 Barsby Street, Vista, CA 92084 (US).

(74) **STRAHER, Michael, P.**; Cozen O'Connor, 1900 Market Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 60/503,508 15 Sep/sep 2003 US (15.09.2003)

(30) 60/550,317 8 Mar/mar 2004 US (08.03.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS AND COMPOSITIONS FOR THE GENERATION OF A PROTECTIVE IMMUNE RESPONSE AGAINST SARS-CoV

• PROCEDES ET COMPOSITIONS PERMETTANT DE GENERER UNE RE-PONSE IMMUNITAIRE PROTECTRICE CONTRE SARS-COV

(71) THE UNITED STATES OF AMERICA AS represented BY THE SECRETARY OF HEALTH AND HUMAN SERVICES, NIH [US/US]; Office of the Technology Transfer, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NABEL, Gary, J.** [US/US]; 2520 30th St., NW, Washington, DC 20008 (US). **YANG, Zhi-yong** [CN/US]; 10004 Penfold CT, Potomac, MD 20854 (US). **HUANG, Yue** [CA/US]; 9807 Bristol Square Lane, #301, Bethesda, MD 20815 (US). **KONG, Wing-pui** [CN/US]; 235 Painted Post Lane, Gaithersburg, MD 20878 (US).

(74) **JOYCE, Catherine, M.**; Liniak, Berenato, & White, LLC, 6550 Rock Spring Drive, Suite 240, Bethesda, MD 20817 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 39/165, 39/39, A61P 31/14

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(21) PCT/US2004/030361

(22) 15 Sep/sep 2004 (15.09.2004)

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(30) 60/503,114 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MEASLES SUBUNIT VACCINE

• VACCIN ANTIROUGEOLEUX SOUS-UNITAIRE

(71) ID BIOMEDICAL CORPORATION OF QUEBEC [CA/CA]; 7150 Frederick Banting, Suite 200, Ville St. Laurent, Québec H4S 2A1 (CA). **MCGILL UNIVERSITY** [CA/CA]; 845 Sherbrooke Street West, Montreal, Québec H3A 2T5 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(71) ID BIOMEDICAL CORPORATION OF WASHINGTON [US/US]; 19204 North Creek Parkway, Suite 100, Bothell, WA 98011 (US).

(only for / seulement pour LS)

(72, 75) **BURT, David, S.** [CA/CA]; 330 Newton Road, Dollard des Ormeaux, Québec H9A 3K1 (CA). **WARD, Brian, J.** [CA/CA]; 1650 Cedar Avenue, Montreal, Québec H3G 1A4 (CA). **CHABOT, Sophie** [CA/CA]; 20 rue Kelly, C.P. 400, St-Damien-de-Buckland, Québec G0R 2Y0 (CA).

(74) **ROSOK, Mae, Joanne et al.** / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 03021581.8 24 Sep/sep 2003 EP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ANTIBODIES AGAINST ANNEXINS, USE THEREOF FOR THERAPY AND DIAGNOSIS. USE OF ANNEXINS FOR THERAPY AND DIAGNOSIS.

• ANTICORPS DIRIGES CONTRE LES ANNEXINES, LEUR UTILISATION A DES FINS THERAPEUTIQUES ET DIAGNOSTIQUES, UTILISATION DES ANNEXINES A DES FINS THERAPEUTIQUES ET DIAGNOSTIQUES

(71, 72) **KRAMMER, Peter** [DE/DE]; Werderstr. 11, 69120 Heidelberg (DE).

(72, 75) **WEYD, Heiko** [DE/DE]; Lutherstr. 23, 69120 Heidelberg (DE).

(74) **Weickmann & Weickmann et al.** / etc.; Postfach 860 820, 81635 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/500,622 5 Sep/sep 2003 US (05.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ANTIBODIES WITH ALTERED EFFECTOR FUNCTIONS

• ANTICORPS AUX FONCTIONS D'EFFECTEUR MODIFIEES

(71) **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, California 94080-4990 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRUMMEN, Lynne, Ann** [US/US]; 3030 - 22nd Avenue, San Francisco, CA 94132 (US). **REILLY, Dorothea** [US/US]; 334 Mount Vernon, San Francisco, California 94112-3634 (US). **WEIKERT, Stefanie** [DE/US]; 1002 Valota Rd, Redwood City, California 94061 (US).

(74) **NAIK, Paul**; MS 49, 1 DNA Way, South San Francisco, CA 94080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 45/00, 31/51, A61P 3/10**

(11) **WO 2005/027967** (13) A1

(21) PCT/JP2003/011847

(22) **17 Sep/sep 2003 (17.09.2003)**

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **MEDICINAL COMPOSITION**  
• **COMPOSITION MEDICINALE**

(71, 72) **KAWASUGI, Kaname** [JP/JP]; 13-11-506, Higashi-oi 4-chome, Shinagawa-ku, Tokyo 140-0011 (JP).

(74) **ONO, Nobuo** et al. / etc.; Mitobe Bldg. 4F, 1-13-1, Kandaizumi-cho, Chiyoda-ku, Tokyo 101-0024 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 45/00, A61P 25/28, 43/00, A61K 31/445**

(11) **WO 2005/027968** (13) A1

(21) PCT/JP2004/013636

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) ja (26) ja

(30) 2003-327393 **19 Sep/sep 2003** JP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **REMEDY FOR DOWN SYNDROME**  
• **MEDICAMENT CONTRE LE SYNDROME DE DOWN**

(71) **EISAI CO., LTD.** [JP/JP]; 4-6-10, Koishikawa, Bunkyo-ku, Tokyo, 1128088 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KONDO, Tatsuro** [JP/JP]; 1221-18, Yoshimuta-go, Nagayo-cho, Nishi-sonogigun, Nagasaki, 8512126 (JP).

(74) **INABA, Yoshiyuki** et al. / etc.; TMI ASSOCIATES 23rd Floor, Roppongi Hills Mori Tower, 6-10-1, Roppongi, Minato-ku, Tokyo, 1066123 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 45/00, 38/05, 38/06, 38/08, A61P 9/10, 25/02, 27/02, 27/06, 43/00**

(11) **WO 2005/027969** (13) A1

(21) PCT/JP2004/014446

(22) **24 Sep/sep 2004 (24.09.2004)**

(25) ja (26) ja

(30) 2003-331122 **24 Sep/sep 2003** JP  
(24.09.2003)

(30) 2004-128218 **23 Apr/avr 2004** JP  
(23.04.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **REMEDY FOR EYE DISEASES ACCOMPANIED BY OPTIC NERVE INJURIES**

• **REMEDE POUR MALADIES DES YEUX ACCOMPAGNEES DE BLESURES DU NERF OPTIQUE**

(71) **SANTEN PHARMACEUTICAL CO., LTD.** [JP/JP]; 9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka, 5338651 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YONEDA, Shinji** [JP/JP]; c/o SANTEN PHARMACEUTICAL CO., LTD., 8916-16, Takayama-cho, Ikoma-shi, Nara, 6300101 (JP). **YAMAMOTO, Rie** [JP/JP]; c/o SANTEN PHARMACEUTICAL CO., LTD., 8916-16, Takayama-cho, Ikoma-shi, Nara, 6300101 (JP). **HARA, Hideaki** [JP/JP]; c/o SANTEN PHARMACEUTICAL CO., LTD., 8916-16, Takayama-cho, Ikoma-shi, Nara, 6300101 (JP).

(74) **HIBI, Norihiko** et al. / etc.; c/o KISHIMOTO & CO., 3rd Floor, Inaba Building, 13-18, Nishishinsaibashi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5420086 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **A61K 45/00, 39/395, 31/351, 45/06, A61P 35/00, C07K 16/22 // C12P 21/08**

(11) **WO 2005/027970** (13) A1

(21) PCT/JP2004/014452

(22) **24 Sep/sep 2004 (24.09.2004)**

(25) ja (26) ja

(30) 2003-332346 **24 Sep/sep 2003** JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **DRUGS FOR TREATING CANCER**

• **MEDICAMENTS POUR LE TRAITEMENT DU CANCER**

(71) **KYOWA HAKKO KOGYO CO., LTD.** [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 1008185 (JP). **JAPAN AS REPRESENTED BY PRESIDENT OF NATIONAL CANCER CENTER** [JP/JP]; 1-1, Tsukiji 5-chome, Chuo-ku, Tokyo 1040045 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OCHIAI, Atsushi** [JP/JP]; c/o Research Institute East National Cancer Center, 6-5-1, Kashiwanoha, Kashiwa-shi, Chiba 2778577 (JP). **KUSAKA, Hideaki** [JP/JP]; c/o Pharmaceutical Research Institute Kyowa HakkoKogyo Co., Ltd., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 4118731 (JP). **AKIYAMA, Tadakazu** [JP/JP]; c/o Pharmaceutical Research Institute Kyowa HakkoKogyo Co., Ltd., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 4118731 (JP).

(74) **HIRAKI, Yusuke** et al. / etc.; Kamiya-cho MT Bldg., 19F, 3-20, Toranomon 4-chome, Minato-ku, Tokyo 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 45/06, A61P 35/00, A61K 31/497, 31/553**

(11) **WO 2005/027971** (13) A1

(21) PCT/EP2004/010467

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 60/504,245 **19 Sep/sep 2003** US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TREATMENT OF GASTROINTESTINAL STROMAL TUMORS WITH IMATINIB AND MIDOSTAURIN

• TRAITEMENT DE TUMEURS DE STROMA DU TUBE DIGESTIF AVEC L'IMATINIB ET LA MIDOSTAURINE

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

(for all designated States except / pour tous les États désignés sauf AT US)

(71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

(only for / seulement pour AT)

(72, 75) DIMITRIJEVIC, Sasa [FR/FR]; 4, rue Albert Schweitzer, F-68440 Habsheim (FR). FLETCHER, Jonathan, A. [US/US]; 122 Pleasant Street, Apt.#3, Brookline, MA 02446 (US). SILBERMAN, Sandra, Leta [US/US]; 10 Heather Lane, Randolph, NJ 07869 (US).

(74) GRUBB, Philip; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 45/06, 31/502

(11) WO 2005/027972 (13) A2

(21) PCT/EP2004/010686

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 60/505,250 23 Sep/sep 2003 US (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMBINATION OF A VEGF RECEPTOR INHIBITOR WITH A CHEMOTHERAPEUTIC AGENT

• POLYTHERAPIE COMBINANT UN INHIBITEUR DES RECEPTEURS DU FACTEUR VEGF AVEC UN AGENT CHIMIOOTHERAPEUTIQUE

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

(for all designated States except / pour tous les États désignés sauf AT US)

(71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

(only for / seulement pour AT)

(72, 75) BOLD, Guido [CH/CH]; Bleumathhöhe 16, CH-5073 Gipf-Oberfrick (CH). BRUEGGEN, Josef, Bernhard [DE/CH]; Erlensträsschen 73, CH-4125 Riehen (CH). HUANG, Jerry, Min-Jian [US/US]; 2 Knapp Avenue, Florham Park, NJ 07932 (US). KINDER, Frederick, Ray, Jr. [US/US]; 37 Olyphant Drive, Morristown, NJ 07960 (US). LANE, Heidi [CH/CH]; Lehenmattstrasse 189, CH-4052 Basel (CH). LA-TOUR, Elisabeth, Jeanne [FR/FR]; 26F, rue

de Bâle, F-68870 Bartenheim-La Chaussée (FR). MANLEY, Paul, William [GB/CH]; Bruggweg 12, CH-4144 Arlesheim (CH). WOOD, Jeanette, Marjorie [NZ/CH]; In den Kleematten 18, CH-4105 Biel-Benken (CH).

(74) GRUBB, Philip; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 45/06, A61P 35/00, 27/00, 9/00, 3/00

(11) WO 2005/027973 (13) A2

(21) PCT/EP2004/010701

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 60/505255 23 Sep/sep 2003 US (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMBINATIONS OF A VEGF RECEPTOR INHIBITOR WITH OTHER THERAPEUTIC AGENTS

• COMBINAISONS D'UN INHIBITEUR DU RECEPTEUR DU VEGF ET D'AUTRES AGENTS THERAPEUTIQUES

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4002 Basel (CH).

(for all designated States except / pour tous les États désignés sauf AT US)

(71) NOVARTIS PHARMA GmbH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

(only for / seulement pour AT)

(72, 75) BOLD, Guido [CH/CH]; Bleumathhöhe 16, CH-5073 Gipf-Oberfrick (CH). BRUEGGEN, Josef, Bernhard [DE/CH]; Erlensträsschen 73, CH-4125 Riehen (CH). HUANG, Jerry, Min-Jian [US/US]; 2 Knapp Avenue, Florham Park, NJ 07932 (US). KINDER, Frederick, Ray [US/US]; 37 Olyphant Drive, Morristown, NJ 07960 (US). LANE, Heidi [CH/CH]; Lehenmattstrasse 189, CH-4052 Basel (CH). LA-TOUR, Elisabeth, Jeanne [FR/FR]; 26F, rue de Bâle, F-68870 Bartenheim-La Chaussée (FR). MANLEY, Paul, William [GB/CH]; Bruggweg 12, CH-4144 Arlesheim (CH). WOOD, Jeanette, Marjorie [NZ/CH]; In den Kleematten 18, CH-4105 Biel-Benken (CH).

(74) GRUBB, Philip; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 45/06, 31/352, 31/365

(11) WO 2005/027974 (13) A1

(21) PCT/GB2004/003749

(22) 2 Sep/sep 2004 (02.09.2004)

(25) en (26) en

(30) 0321999.5 19 Sep/sep 2003 GB (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ANTI CANCER COMBINATIONS COMPRISING A COX-2 INHIBITOR

• COMPLEXES MEDICAMENTEUX ANTICANCEREUX COMPRENANT UN INHIBITEUR DE COX-2

(71) CANCER RESEARCH TECHNOLOGY LIMITED [GB/GB]; Sardinia House, Sardinia Street, London WC2A 3NL (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAGULEY, Bruce, Charles [NZ/NZ]; 74A Bassett Road, Remuera, Auckland (NZ). PAXTON, James, William [GB/NZ]; 20 King Edward Avenue, Epsom, Auckland (NZ). WANG, Liang-Chuan, Steve [NZ/NZ]; 36A Rangiata Road, Epsom, Auckland (NZ). KESTELL, Philip [GB/NZ]; 3 Loch Street, Remuera, Auckland (NZ). CHING, Lai-Ming [NZ/NZ]; 9 Monet Grove, West Harbour, Auckland (NZ).

(74) TANNER, James, Percival et al. / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 45/06, 31/196, 31/197, 31/445, 31/473, 31/27, 31/407, 31/55, 31/662, 31/454

(11) WO 2005/027975 (13) A1

(21) PCT/IB2004/002981

(22) 8 Sep/sep 2004 (08.09.2004)

(25) en (26) en

(30) 0322140.5 22 Sep/sep 2003 GB (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)



- (54) • COMBINATIONS OF ALPHA-2-DELTA LIGANDS AND ACETYLCOLINESTERASE INHIBITORS
- ASSOCIATIONS DE LIGANDS ALPHA-2-DELTA ET D'INHIBITEURS DE L'ACETYLCOLINESTERASE
- (71) **PFIZER LIMITED** [GB/GB]; Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).  
(only for / seulement pour GB)
- (71) **PFIZER INC.** [US/US]; 235 East 42nd Street, New York, NY 10017 (US).  
(for all designated States except / pour tous les États désignés sauf GB US)
- (72, 75) **FIELD, Mark, John** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).  
**WILLIAMS, Richard, Griffith** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (74) **WOOD, David, J.**; Pfizer Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 47/00, 47/36**
- (11) **WO 2005/027977** (13) A2
- (21) PCT/IL2004/000883
- (22) **22 Sep/sep 2004 (22.09.2004)**
- (25) en (26) en
- (30) 60/503,883 **22 Sep/sep 2003 US (22.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DICLOFENAC COMPOSITIONS FOR THE TREATMENT OF SKIN DISORDERS
- COMPOSITIONS DE DICLOFENAC DESTINEES AU TRAITEMENT D'AFFECTIONS CUTANEEES
- (71) **AGIS INDUSTRIES (1983) LTD.** [IL/IL]; 29 Lehi Street, 51 200 Bnei Brak (IL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ARKIN, Moshe** [IL/IL]; 22 Derech Haganim Street, 46 910 Kfar Shmaryahu (IL).  
**ZEEVI, Amira** [IL/IL]; 5 Uchmanit Street, 84 965 Omer (IL).  
**CHERKEZ, Stephen** [IL/IL]; 3 Nakar Street, 38 900 Caesarea (IL).  
**ASCULAI, Eilon** [IL/IL]; 11 Agur Street, 85 338 Lehavim (IL).  
**ABU-GNIM, Chalil** [IL/IL]; P.O. Box 199, 84 101 Beer Sheva (IL).  
**YOSHA, Ido** [IL/IL]; Kfar Azza, 85 142 M. P. Hanegev (IL).  
**ARNON, Michal** [IL/IL]; Midreshet Ben Gurion, P.O. Box 161, 84 990 Sde Boker (IL).  
**OHAYON-TSAHOR, Hila** [IL/IL]; P. O. Box 199, 84 990 Sde Boker (IL).  
**CHEN, Oren** [IL/IL]; 7/18 Grossman Street, 84 633 Beer Sheva (IL).  
**FRIDLER, Galia** [IL/IL]; 18 Shmuel Hanavi Street, 71 700 Modiin (IL).
- (74) **G.E. EHRlich (1995) LTD.**; 11 Menachem Begin Street, 52 521 Ramat Gan (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 47/00**
- (11) **WO 2005/027976** (13) A2
- (21) PCT/GB2004/003965
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) en (26) en
- (30) 0322033.2 **19 Sep/sep 2003 GB (19.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COMPOSITION COMPRISING ETHER LIPID
- COMPOSITION COMPRENANT UN LIPIDE D'ETHER
- (71) **CAMURUS AB** [SE/SE]; Ideon, Gamma 1, Sölvegatan 41, SE-223 70 Lund (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (71) **GODDARD, Chris** [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).  
(only for / seulement pour GB)
- (72, 75) **TIBERG, Fredrik** [SE/SE]; Camurus AB, Ideon, Gamma 1, Sölvegatan 41, SE-223 70 Lund (SE).  
**BARAUSKAS, Justas** [LT/SE]; Nils Bjelkegatan 6, SE-222 20 Lund (SE).  
**LARSSON, Kåre** [SE/SE]; Camurus AB, Ideon, Gamma 1, Solvegatan 41, SE-223 70 Lund (SE).
- (74) **GODDARD, Chris**; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
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- (51)<sup>7</sup> **A61K 47/48**
- (11) **WO 2005/027978** (13) A2
- (21) PCT/DK2004/000624
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) en (26) en
- (30) PA 2003 01367 **19 Sep/sep 2003 DK (19.09.2003)**
- (30) 60/505,739 **25 Sep/sep 2003 US (25.09.2003)**
- (30) PA 2003 01789 **4 Dec/déc 2003 DK (04.12.2003)**
- (30) 60/526,847 **4 Dec/déc 2003 US (04.12.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NOVEL GLP-1 DERIVATIVES
- NOUVEAUX DERIVES DE GLP-1
- (71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LAU, Jesper** [DK/DK]; Rosenvænget 3, DK-3520 Farum (DK).  
**HANSEN, Thomas Kruse** [DK/DK]; Tibbevangen 78, DK-2730 Herlev (DK).  
**MADSEN, Kjeld** [DK/DK]; Nyvestergårdsvej 3, DK-3500 Værløse (DK).  
**BLOCH, Paw** [DK/DK]; Solbærhøget 2, DK-2630 Taastrup (DK).  
**DÖRWALD, Florencio Zaragoza** [DE/DK]; Nøddelunden 22, DK-2765 Smørum (DK).  
**JOHANSEN, Nils Langeland** [DK/DK]; Niels W. Gadesgade 45, DK-2100 København Ø (DK).
- (74) **NOVO NORDISK A/S**; Corporate Patents, Novo Allé, DK-2880 Bagsværd (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 47/48, A61P 31/00**
- (11) **WO 2005/027979** (13) A2
- (21) PCT/US2004/030578
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) en (26) en
- (30) 60/503,769 **17 Sep/sep 2003 US (17.09.2003)**
- (30) 60/567,376 **30 Apr/avr 2004 US (30.04.2004)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • TARGETED LIPID-DRUG FORMULATIONS FOR DELIVERY OF DRUGS TO

## MYELOID AND LYMPHOID IMMUNE CELLS

- PRÉPARATIONS LIPIDE-MÉDICAMENT CIBLÉES SERVANT À L'ADMINISTRATION DE MÉDICAMENTS AUX CELLULES IMMUNITAIRES MYÉLOÏDES ET LYMPHOÏDES

(71) **LET THERE BE HOPE MEDICAL RESEARCH INSTITUTE** [US/US]; 200 North Robertson Boulevard, Suite 208, Beverly Hills, CA 90211 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIESLER, Robert, K.** [US/US]; 1203 N. Kings Road, # 103, West Hollywood, CA 90069 (US). **MARQUITAN, Guido** [US/US]; 747 Wilcox Avenue, Apt. 105, Los Angeles, CA 90038 (US). **SCOLARO, Michael, J.** [US/US]; 107 North Beverly Glen Boulevard, Los Angeles, CA 90077 (US). **SULLIVAN, Sean, M.** [US/US]; 11626 SW 6th Lane, Gainesville, FL 32607 (US).

(74) **FUJIYAMA, Sandra, S.** et al. / etc.; Sidley Austin Brown & Wood LLP, 555 West Fifth Street, Los Angeles, CA 90013 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 48/00, C07H 21/04

(11) WO 2005/027980 (13) A1

(21) PCT/US2004/029968

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 60/502,678 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RNA INTERFERENCE FOR THE TREATMENT OF GAIN-OF-FUNCTION DISORDERS

- ARN INTERFERENCE POUR LE TRAITEMENT DE TROUBLES A GAIN DE FONCTION

(71) **UNIVERSITY OF MASSACHUSETTS** [US/US]; 365 Plantation Street, Worcester, MA 01605 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARONIN, Neil** [US/US]; 19 Whittier Road, Newtonville, MA 02460 (US). **ZAMORE, Phillip, D.** [US/US]; 500 Green Street, Northboro, MA 01532 (US).

(74) **MILASINCIC, Debra, J.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 51/00

(11) WO 2005/027981 (13) A1

(21) PCT/US2004/030374

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/503,683 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MECHANISM-BASED TARGETED PANCREATIC BETA CELL IMAGING AND THERAPY

- IMAGERIE DE CELLULES BETA CIBLES DU PANCREAS FONDEE SUR UN MECANISME, ET THERAPIE ASSOCIEE

(71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; Suite 820, 201 West 7th Street, Austin, TX 78701 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YANG, David, J.** [US/US]; 1123 Spinnaker Way, Sugar Land, TX 77478 (US). **OH, Chang-Sok** [US/KR]; 3822 North Braeswood Blvd., Houston, TX 77025 (US). **KOHANIM, Saady** [US/US]; 3047 Mosby Drive, Sugar Land, TX 77479 (US). **YU, Dong-Fang** [US/US]; 15002 Beechurst Drive, Houston, TX 77030 (US). **AZH-DARINIA, Ali** [US/US]; 3727 Summer Cove Court, Friendswood, TX 77546 (US). **BRYANT, Jerry** [US/US]; 6861 Staffordshire, Houston, TX 77030 (US).

(74) **CORDER, Timothy, S.**; Vinson & Elkins, L.L.P., 2300 First City Tower, 1001 Fannin Street, Houston, TX 77002-6760 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61L

(11) WO 2005/027982 (13) A2

(21) PCT/US2004/030597

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,080 19 Sep/sep 2003 US (19.09.2003)

(30) 10/698,744 31 Oct/oct 2003 US (31.10.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SURGICAL SUPPORT ARM DOCKING APPARATUS

- DISPOSITIF DE FIXATION POUR BRAS DE SUPPORT CHIRURGICAL

(71) **MINNESOTA SCIENTIFIC, INC.** [US/US]; 4849 White Bear Parkway, St. Paul, MN 55110-3325 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **BJORK, Todd, J.**; N7259 820th Street, River Falls, WI 54022-4125 (US). **SHARRATT, Todd, W.**; 129 Liberty Parkway, Stillwater, MS 55082 (US). **BERG, Christopher, L.**; 6917 - 50th Avenue North, Crystal, MI 55428 (US). **DOBROVOLNY, Walter, J.**; 325 Wilder Avenue North, St. Paul, MN 55014 (US).

(74) **SAWICKI, Peter, Z.** et al. / etc.; Westman, Champlin & Kelly, P.A., Suite 1600, International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61L

(11) WO 2005/027983 (13) A2

(21) PCT/US2004/030600

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/666,204 17 Sep/sep 2003 US (17.09.2003)

(30) 10/944,149 16 Sep/sep 2004 US (16.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CIRCULAR STAPLER BUTTRESS

- CONTREFORT D'AGRAFEUSE CIRCULAIRE

(71) **GORE ENTERPRISE HOLDINGS, INC.** [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAUMAN, Ann, M.** [US/US]; 868 N. Fox Hill Road, Flagstaff, AZ 86004 (US). **BROYLES, Stuart, E.** [US/US]; 605 E. Ponderosa Parkway, Flagstaff, AZ 86001 (US).

- CRAWLEY, Jerald, M.** [US/US]; 3185 S. Debbie, Flagstaff, AZ 86001 (US). **DAUGHERTY, John, R.** [US/US]; 1647 N. Woodhollow Way, Flagstaff, AZ 86004 (US). **PIH, Norman** [US/US]; 4022 E. Fallen Oak Way, Flagstaff, AZ 86004 (US).
- (74) **HOUSE, Wayne, D.** et al. / etc.; W. L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61L 15/00, 15/60, 15/42  
(11) WO 2005/027984 (13) A1  
(21) PCT/US2004/025835  
(22) 5 Aug/août 2004 (05.08.2004)  
(25) en (26) en  
(30) 60/492,899 6 Aug/août 2003 US (06.08.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ABSORBENT ARTICLE COMPRISING COATED WATER SWELLABLE MATERIAL  
• ARTICLE ABSORBANT CONTENANT UNE MATIERE GONFLABLE DANS L'EAU REVETUE
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SCHMIDT, Mattias** [DE/DE]; Charlotte-Rosenthal-Str. 21, 65510 Idstein (DE). **MEYER, Axel** [DE/DE]; Robert-Mayer Strasse 34, 60486 Frankfurt am Main (DE). **FOSSUM, Renae, Dianna** [US/US]; 501 South Main Street, Middletown, OH 45044 (US). **EHRNSPERGER, Bruno, Johannes** [DE/DE]; Bonner Strasse 5, 65812 Bad Soden (DE). **GOLDMAN, Stephen, Allen** [US/IT]; Via Colle di Moro (IT), Citta Sant' Angelo, I-60513 Pescara (IT). **URANKAR, Edward** [US/US]; 8834 Charleston Hill Court, Mason, OH 45040 (US). **DIVO, Michael** [DE/DE]; Feldbergstr. 14, 61381 Friedrichsdorf (DE).
- (74) **THE PROCTER & GAMBLE COMPANY**; c/o Reed, David, T., 6110 Center Hill Road, Cincinnati, OH 45224 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> A61L 15/00  
(11) WO 2005/027985 (13) A2  
(21) PCT/US2004/029677  
(22) 10 Sep/sep 2004 (10.09.2004)  
(25) en (26) en  
(30) 10/661,020 12 Sep/sep 2003 US (12.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ABSORBENT ARTICLES WITH ANTIMICROBIAL ZONES ON COVER-STOCK  
• ARTICLES ABSORBANTS DONT L'ENVELOPPE COMPORTE DES ZONES ANTIMICROBIENNESSI
- (71) **TYCO HEALTHCARE RETAIL SERVICES AG** [CH/CH]; Bahnhofstrasse 29, CH-8201 Scaffhausen (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LEVY, Ruth, L.** [US/US]; 46 Basswood Court, Collegeville, Pennsylvania 19426 (US). **WU, Lanying** [US/US]; 2052 Hawthorne Place, Paoli, Pennsylvania 19301 (US).
- (74) **FRIED, Allan, H.**; Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd., 12th Floor, Seven Penn Centr, 1635 Market Street, Philadelphia, Pennsylvania 19103-2212 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61L 15/60, C08F 20/06, B01J 20/26, C08J 3/24  
(11) WO 2005/027986 (13) A1  
(21) PCT/JP2004/014015  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) en (26) en  
(30) 2003-329110 19 Sep/sep 2003 JP (19.09.2003)  
(30) 2003-329109 19 Sep/sep 2003 JP (19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • WATER ABSORBENT AND PRODUCING METHOD OF SAME
- COMPOSANT HYDROPHILE ET PROCEDE DE FABRICATION ASSOCIE
- (71) **NIPPON SHOKUBAI CO., LTD.** [JP/JP]; 1-1, Koraihashi 4-chome, Chuo-ku, Osaka-shi, Osaka 5410043 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TORII, KazuishiSHIBATA, HirofumiIWAMURA, TakuIRIE, Yoshio-DAIROKU, YorimichiMITSUKAMI, YoshiroMACHIDA, Sayaka**
- (74) **HARA, Kenzo**; HARAKENZO WORLD PATENT & TRADEMARK PATENT LAW FIRM, Daiwa Minamimorimachi Building, 2-6, Tenjimbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka 5300041 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> A61L 15/60, C08L 33/02  
(11) WO 2005/027987 (13) A1  
(21) PCT/US2004/029808  
(22) 10 Sep/sep 2004 (10.09.2004)  
(25) en (26) en  
(30) 10/660,982 12 Sep/sep 2003 US (12.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SUPERABSORBENT POLYMER WITH SLOW ABSORPTION TIMES  
• POLYMERES SUPERABSORBANT A TEMPS D'ABSORPTION LENTS
- (71) **STOCKHAUSEN, INC.** [US/US]; 2401 Doyle Street, Greensboro, NC 27406 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **JONAS, Gerd** [DE/DE]; Hannix Weg 38, 47807 Krefeld (DE). **PFLUEGER, Klaus** [DE/DE]; Kolnerstrasse 171, 47805 Krefeld (DE).
- (74) **MCCANN, Philip, P.** et al. / etc.; Smith Moore LLP, 300 North Greene Street, Suite 1400, Greensboro, NC 27401 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61L 24/00

(11) WO 2005/027988 (13) A2

(21) PCT/US2004/029098

(22) 7 Sep/sep 2004 (07.09.2004)

(25) en (26) en

(30) 60/500,346 5 Sep/sep 2003 US (05.09.2003)

(30) 60/574,532 25 May/mai 2004 US (25.05.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BONE CEMENT COMPOSITIONS HAVING FIBER-REINFORCEMENT AND/OR INCREASED FLOWABILITY

• COMPOSITION DE CIMENT OSSEUX A RENFORT DE FIBRES ET/OU A FLUIDITE AMELIOREE

(71) NORIAN CORPORATION [US/US]; 1230 Wilson Drive, West Chester, PA 19380 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARMITAGE, Brian, Monroe [US/US]; 2105 27th Ave. S., Minneapolis, MN 55406 (US). ISON, Ira [US/US]; 5947 Vista Loop, San Jose, CA 95124 (US). KERR, Sean [US/US]; 22 Briar Road, Oreland, PA 19075 (US). FULMER, Mark [US/US]; 101 Indian Run Road, Glenmoore, PA 19343 (US). LEHMICKE, Michael [US/US]; 2308 Poplar Road, Havertown, PA 19083 (US). SCHIFFER, William [US/US]; 311 David Lane, Oxford, PA 19363 (US). LEAMY, Patrick [US/US]; 775 Mary Fran Drive, West Chester, PA 19382 (US).

(74) ROTHERY, Brian, M. et al. / etc.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61L 26/00, A61K 9/70, A61F 13/02, A61L 15/44

(11) WO 2005/027989 (13) A1

(21) PCT/US2004/030435

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/503,597 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DISINFECTANT, ANTIBIOTIC AND ANESTHETIC CONTAINING DEVICE FOR INJECTIONS AND INCISIONS

• DISPOSITIF CONTENANT UN DESINFECTANT, UN ANTIBIOTIQUE ET UN ANESTHESANT POUR INJECTIONS ET INCISIONS

(71, 72) SHAW, Sharon, M. [US/US]; 220 East 65th Street, Apartment 21J, New York, NY 10021 (US). ALFRED, Pierre, R. [US/US]; 27 Trillium Way, Amherst, MA 01002 (US).

(74) PABST, Patrea, L. et al. / etc.; Pabst Patent Group LLP, 1201 Peachtree Street, Suite 1200, Atlanta, GA 30361 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61L 27/28, 27/54

(11) WO 2005/027990 (13) A2

(21) PCT/US2004/030096

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 10/662,261 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ADVANCED BIOMATERIALS AND METHODS OF ATTACHING THERAPEUTIC AGENTS THERETO

• BIOMATERIAUX AMELIORES ET PROCEDE DE FIXATION D'AGENTS THERAPEUTIQUES A CEUX-CI

(71) THOMAS JEFFERSON UNIVERSITY [US/US]; Office of Technology Transfer, 1020 Locust Street, Suite M34, Philadelphia, PA 19107 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WICKSTROM, Eric [US/US]; 787 N. 24th Street, Philadelphia, PA 10130 (US).

HICKOK, Noreen, J. [US/US]; 2803 Brown Street, Philadelphia, PA 19130 (US).

(74) MILLER, Raymond, A.?.; Pepper Hamilton LLP, One Mellon Center, 50th Floor, 500 Grant Street, Pittsburgh, PA 15219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61L 27/34, 27/50

(11) WO 2005/027991 (13) A1

(21) PCT/GB2004/004000

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 03255889.2 19 Sep/sep 2003 EP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ORTHOPAEDIC DEVICES

• DISPOSITIFS ORTHOPEDIQUES

(71) CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LTD [GB/GB]; Technology Transfer Office, Research Services Division, 16 Mill Lane, Cambridge CB2 1SB (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HABIB, Mariam [GB/GB]; Cambridge University Technical Services Ltd, Technology Transfer Office, Research Services Division, 16 Mill Lane, Cambridge CB2 1SB (GB). BROOKS, Roger, Audley [GB/GB]; Cambridge University Technical Services Ltd, Technology Transfer Office, Research Services Division, 16 Mill Lane, Cambridge CB2 1SB (GB). LEWIS, Andrew, Lennard [GB/GB]; Biocompatibles UK Limited, Chapman House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB). STRATFORD, Peter, William [GB/GB]; Biocompatibles UK Limited, Chapman House, Farnham Business Park, Weydon Lane, Farnham, Surrey GU9 8QL (GB).

(74) GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61M

(11) WO 2005/027992 (13) A2

(21) PCT/US2004/029665

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 60/502,379 12 Sep/sep 2003 US (12.09.2003)

(30) 10/827,969 20 Apr/avr 2004 US (20.04.2004)

- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DRUG INFUSION DEVICE WITH TISSUE IDENTIFICATION USING PRESSURE SENSING  
• DISPOSITIF DE PERFUSION DE MEDICAMENT AVEC IDENTIFICATION DE TISSU PAR DETECTION DE LA PRESSION
- (71) MILESTONE SCIENTIFIC, INC. [US/US]; 220 South Orange Avenue, Livingston, NJ 07039 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) HOCHMAN, Mark, N.; 26 Meadows Woods Road, Lake Success, NY 11020 (US).
- (74) WEISZ, Tiberiu et al. / etc.; Gottlieb, Rackman & Reisman, P.C., 270 Madison Avenue, New York, NY 10016-0601 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61M  
(11) WO 2005/027994 (13) A2  
(21) PCT/US2004/030173  
(22) 15 Sep/sep 2004 (15.09.2004)  
(25) en (26) en  
(30) 60/503,357 15 Sep/sep 2003 US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • APPLICATION OF A THERAPEUTIC SUBSTANCE TO A TISSUE LOCATION USING A POROUS MEDICAL DEVICE  
• APPLICATION D'UNE SUBSTANCE THERAPEUTIQUE DANS UN EMBLEMMENT TISSULAIRE AU MOYEN D'UN DISPOSITIF MEDICAL POREUX
- (71) ATRIUM MEDICAL CORPORATION [US/US]; 5 Wentworth Drive, Hudson, NH 03051 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HERWECK, Steve, A. [US/US]; 4 Crestwood Lane, Nashua, NH 03062 (US). MARTAKOS, Paul [US/US]; 1 Regis Drive, Pelham, NH 03076 (US). MOODIE, Geoffrey [US/US]; 4 Sterling Way, Hudson, NH 03051 (US). LABRECQUE, Roger [US/US]; 20 Buckingham Drive, Londonderry, NH 03053 (US). KARWOSKI, Theodore [US/US]; 61 Hannah Drive, Hollis, NH 03049 (US). CARLTON, Trevor [US/US]; 1 Copeland Drive, Hudson, NH 03051 (US).
- (74) CANNING, Kevin, J. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61M  
(11) WO 2005/027993 (13) A2  
(21) PCT/US2004/030142  
(22) 13 Sep/sep 2004 (13.09.2004)  
(25) en (26) en  
(30) 60/502,878 12 Sep/sep 2003 US (12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • VASCULAR ACCESS PRESERVATION IN HEMODIALYSIS PATIENTS  
• PRESERVATION D'ACCES VASCULAIRE CHEZ DES PATIENTS EN HEMODIALYSE
- (71) MARINE POLYMER TECHNOLOGIES, INC. [US/US]; 107 Water Street, Danvers, MA 01923 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) VOURNAKIS, John, M. [US/US]; 175 Beacon Street, Apt. 403, Somerville, MA 02143 (US). FINKIELSZTEIN, Sergio [US/US]; 24 Littlefield Road, Newton, MA 02459 (US). PARISER, Ernst, R. [US/US]; 101 Waltham Street, Apt. 441B, Lexington, MA 02421 (US).
- (74) CORUZZI, Laura, A. et al. / etc.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61M  
(11) WO 2005/027995 (13) A2  
(21) PCT/US2004/030463  
(22) 16 Sep/sep 2004 (16.09.2004)  
(25) en (26) en  
(30) 60/504,743 19 Sep/sep 2003 US (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • GLOBAL MYOCARDIAL PERFUSION CATHETER  
• CATHETER DE PERFUSION MYOCARDIQUE GLOBAL
- (71) THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA [US/US]; 3160 Chestnut Street, Suite 200, Philadelphia, PA 19104 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BRIDGES, Charles, R. [US/US]; 502 Van Lear's Run, Villanova, Pennsylvania 19085 (US). STEDMAN, Hansell, H. [US/US]; 1907 Berks Road, Norristown, Pennsylvania 19403 (US). GOPAL, Kapil [US/US]; 303 Bickmore Drive, Wallingford, Pennsylvania 19086 (US).
- (74) BAK, William et al. / etc.; Howson and Howson, Spring House Corporate Center, P.O. Box 457, Spring House, PA 19477 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61M  
(11) WO 2005/027996 (13) A2  
(21) PCT/US2004/030541  
(22) 15 Sep/sep 2004 (15.09.2004)  
(25) en (26) en  
(30) 60/503,359 15 Sep/sep 2003 US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • APPLICATION OF A THERAPEUTIC SUBSTANCE TO A TISSUE LOCATION USING AN EXPANDABLE MEDICAL DEVICE  
• APPLICATION D'UNE SUBSTANCE THERAPEUTIQUE SUR UNE ZONE TISSULAIRE AU MOYEN D'UN DISPOSITIF MEDICAL EXTENSIBLE
- (71) ATRIUM MEDICAL CORPORATION [US/US]; 5 Wentworth Drive, Hudson, NH 03051 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HERWECK, Steve, A. [US/US]; 4 Crestwood Lane, Nashua, NH 03062 (US). MARTAKOS, Paul [US/US]; 1 Regis Drive, Pelham, NH 03076 (US). MOODIE, Geoffrey [US/US]; 4 Sterling Way, Hudson, NH 03051 (US). LABRECQUE, Roger [US/US]; 20 Buckingham Drive, Londonderry, NH 03053 (US). KARWOSKI, Theodore [US/US]; 61 Hannah Drive, Hollis, NH 03049 (US). CARLTON, Trevor [US/US]; 1 Copeland Drive, Hudson, NH 03051 (US).

(74) CANNING, Kevin, J. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61M

(11) WO 2005/027997 (13) A2

(21) PCT/US2004/030639

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,268 18 Sep/sep 2003 US (18.09.2003)

(30) 60/519,487 13 Nov/nov 2003 US (13.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PERSONAL OXIGEN AND AIR DELIVERY SYSTEM  
• SYSTEME D'ADMINISTRATION D'AIR ET D'OXYGENE PERSONNEL

(71) O2 WEAR, INC. [US/US]; 5200 Willson Road, Suite 210, Edina, MN 55424 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) WARREN, Sydney [US/US]; c/o O2 Wear, Inc., 5200 Willson Road, Suite 210, Edina, MN 55424 (US).

(74) BONDI, Michael, A. et al. / etc.; Patterson, Thunte, Skaar & Christensen, P.A., 4800 IDS Center, 80 South Eighth Street, Minneapolis, MN 55402-2100 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61M

(11) WO 2005/027998 (13) A2

(21) PCT/US2004/030727

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/503,745 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMPLANTABLE WIRELESS SENSOR  
• DETECTEUR IMPLANTABLE SANS FIL

(71) CARDIOMEMS, INC. [US/US]; 75 Fifth Street, Suite 205, Atlanta, GA 30308 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) O'BRIEN, David [US/US]; 658 Cooleage Avenue NE, Atlanta, GA 30306 (US). WHITE, Jason [US/US]; 2613 Paces Ridge, Apt. I, Atlanta, GA 30339 (US). FONSECA, Michael [US/US]; 2605 Paces Ridge, Apt. E, Atlanta, GA 30339 (US). KROH, Jason [US/US]; 3395 Laurel Springs Cove, Villa Rica, GA 30180 (US). ALLEN, Mark [US/US]; 425 Spaling Avenue, Atlanta, GA 30339 (US). STERN, David [US/US]; 1420 Natchez Way, Grayson, GA 30017 (US).

(74) DIPPERT, William, H.; Reed Smith LLP, 29th floor, 599 Lexington Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61M

(11) WO 2005/027999 (13) A2

(21) PCT/US2004/030807

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/503,780 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BRAIDED MINIMALLY INVASIVE CHANNEL  
• CANAL TRESSE MINIMALEMENT EFFRACTIF

(71) VISION-SCIENCES, INC. [US/US]; 9 Strathmore Road, Natick, MA 01760 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MARTONE, Stephen [US/US]; P.O. Box 1043, Middlesex County, Westford, MA 01886 (US).

(74) DIPPERT, William, H. et al. / etc.; Reed Smith LLP, 599 Lexington Avenue, 29th Floor, New York, NY 10022-7650 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61M 1/10

(11) WO 2005/028000 (13) A1

(21) PCT/US2004/029842

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 60/504,233 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ROTARY BLOOD PUMP  
• POMPE SANGUINE ROTATIVE

(71) MYRAKELLE, LLC [US/US]; Legal Department, 3298 Swetzer Road, Loomis, Ca 95650 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) WAMPLER, Richard [US/US]; 5360 Barton Road, Loomis, Ca 95650 (US). LAN-CISI, David [US/US]; 104 Luttrell Court, Folsom, Ca 95630 (US).

(74) DAVIS, William; Davis & Associates, P.O. Box 1093, Dripping Springs, Tx 78620 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61M 1/14, 1/34, G01N 21/21

(11) WO 2005/028001 (13) A1

(21) PCT/SE2004/001313

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 0302520-2 23 Sep/sep 2003 SE (23.09.2003)

(30) 60/505,762 26 Sep/sep 2003 US (26.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AN APPARATUS, A SYSTEM AND A METHOD RELATING TO HEMODIALYSIS, HEMODIAFILTRATION, HEMOFILTRATION OR PERITONEAL DIALYSIS  
• APPAREIL, SYSTEME ET PROCÉDES ASSOCIES A L'HEMODIALYSE, A L'HEMODIAFILTRATION, A L'HEMOFILTRATION OU A LA DIALYSE PERITONEALE

- (71) **GAMBRO LUNDIA AB** [SE/SE]; Magistratsvägen 16, P.O. Box 10101, S-220 10 Lund (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HALLSTADIUS, Hans** [SE/SE]; Vapenkroken 28, S-226 47 Lund (SE).  
**BERTINSSIN, Gert-Inge** [SE/SE]; Nyckelkroken 22, S-226 47 Lund (SE).
- (74) **BERGLUND, Stefan et al.** / etc.; Bjerkéns Patentbyrå KB, Östermalmsg. 58, S-114 50 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61M 1/16, 1/30**
- (11) **WO 2005/028002** (13) A1
- (21) PCT/IL2004/000880
- (22) **22 Sep/sep 2004 (22.09.2004)**
- (25) en (26) en
- (30) 60/504,597 **22 Sep/sep 2003 US (22.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **BLOOD OXYGENATION SYSTEM WITH SINGLE LUMEN CATHETER**  
• **SYSTEME D'OXYGENATION DU SANG AVEC CATHETER A PASSAGE INTERNE UNIQUE**
- (71, 72) **HAIMOVICH, Dudu** [IL/IL]; 12/2 Halamit Street, 39005 Ramat-Yishai (IL).  
**ROTTENBERG, Dan** [IL/IL]; 117 Einstein Street, 34601 Haifa (IL).
- (74) **REINHOLD COHN AND PARTNERS**; P.O.Box 4060, 61040 Tel Aviv (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61M 1/36**
- (11) **WO 2005/028003** (13) A1
- (21) PCT/EP2004/010618
- (22) **22 Sep/sep 2004 (22.09.2004)**
- (25) en (26) en
- (30) 10/665,776 **19 Sep/sep 2003 US (19.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **PUMP TUBE SET HANDLING SYSTEM**  
• **SYSTEME DE MANIPULATION D'UN ENSEMBLE POMPE ET TUBE**
- (30) 03021435.7 **23 Sep/sep 2003 EP (23.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **A FILTER FOR THE REMOVAL OF SUBSTANCES FROM BLOOD PRODUCTS**  
• **FILTRE CONÇU POUR EVACUER DES SUBSTANCES DANS LES PRODUITS SANGUINS**
- (71) **FRESENIUS HEMOCARE ITALIA S.R.L.** [IT/IT]; Via Santi, 293, I-41032 Cavezzo (IT).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARI, Giorgio** [IT/IT]; Via Genova 1, I-41037 Mirandola (IT).  
**VERONESI, Stefano** [IT/IT]; Via Diliberto 5, I-41030 S. Giacomo Mirandola (IT).  
**MATHIEU, Bernd** [DE/DE]; Hans-Sachs-Strasse 11, 66583 Spiesen (DE).
- (74) **RAMBELLI, Paolo et al.** / etc.; Jacobacci & Partners S.p.A, Corso Regio Parco, 27, I-10152 Torino (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (u) for / pour US only / seulement
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- (51)<sup>7</sup> **A61M 5/14, 25/02, 39/08**
- (11) **WO 2005/028004** (13) A1
- (21) PCT/US2004/030231
- (22) **16 Sep/sep 2004 (16.09.2004)**
- (25) en (26) en
- (30) 10/665,776 **19 Sep/sep 2003 US (19.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **PUMP TUBE SET HANDLING SYSTEM**  
• **SYSTEME DE MANIPULATION D'UN ENSEMBLE POMPE ET TUBE**
- (71) **HOSPIRA, INC.** [US/US]; NLEG, H-1, 275 N. Field Drive, Lake Forest, IL 60045 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FATHALLAH, Marwan, A.** [US/US]; 2530 Chadwick Way, Mundelein, IL 60060 (US).  
**LINDEMAN, William, C.** [US/US]; 4912 Feenstra Road, Marshall, WI 53559 (US).  
**VERHALEN, Ami Marie** [US/US]; 231 Valley Ridge Drive, Sun Prairie, WI 53590 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> **A61M 5/145, 5/148, 5/168**
- (11) **WO 2005/028005** (13) A1
- (21) PCT/NL2004/000663
- (22) **24 Sep/sep 2004 (24.09.2004)**
- (25) nl (26) en
- (30) 1024370 **24 Sep/sep 2003 NL (24.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **APPARATUS AND METHOD FOR DISPENSING FLUID, IN PARTICULAR FOR MEDICAL USE**  
• **APPAREILS ET PROCEDES DE DISTRIBUTION DE FLUIDE, NOTAMMENT A DES FINS MEDICALES**
- (71) **Fornix Medical Systems Holding B.V.** [NL/NL]; Schoenaker 10e, NL-6641 SZ Beuningen (NL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DIJKMAN, Gerrat** [NL/NL]; Oldenzaalsestraat 1200, NL-7524 RJ Enschede (NL).
- (74) **WINCKELS, J., H., F.**; Vereenigde, Johan de Wittlaan 7, NL-2517 JR Den Haag (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(51)<sup>7</sup> A61M 15/00

(11) WO 2005/028006 (13) A1

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(22) 24 Sep/sep 2004 (24.09.2004)

(25) en (26) en

(30) 2003905192 24 Sep/sep 2003 AU  
(24.09.2003)(30) 2004901625 26 Mar/mar 2004 AU  
(26.03.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MEDICATION HOLDER

• SUPPORT POUR MEDICAMENT

(71, 72) WHARTON, David, Peter [AU/AU];  
18 Port Drive, Banksia Beach, Bribie Island,  
QLD 4507 (AU).(72, 75) HUBER, Ben [AU/AU]; 3/23 Wongara  
Street, Clayfield, QLD 4011 (AU).(74) FISHER ADAMS KELLY; GPO Box 1413,  
Brisbane, QLD 4001 (AU).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> A61M 15/00, 15/08

(11) WO 2005/028007 (13) A1

(21) PCT/EP2004/010654

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 0322284.1 23 Sep/sep 2003 GB  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MEDICAMENT DISPENSER

• DISTRIBUTEUR DE MEDICAMENTS

(71) GLAXO GROUP LIMITED [GB/GB];  
Glaxo Wellcome House, Berkeley Avenue,  
Greenford Middlesex UB6 0NN (GB).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) DAVIES, Michael, Birsha [GB/GB];  
GlaxoSmithKline, Park Road, Ware Hert-  
fordshire SG12 0DP (GB). HEDLEY, Mark,  
Graham [GB/GB]; GlaxoSmithKline, Park  
Road, Ware Hertfordshire SG12 0DP (GB).(74) RICE, Jason, Neale; GlaxoSmithKline,  
Corporate Intellectual Property (CN925.1),  
980 Great West Road, Brentford Middlesex  
TW8 9GS (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SLSY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> A61M 15/00

(11) WO 2005/028008 (13) A1

(21) PCT/EP2004/052265

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 0322361.7 24 Sep/sep 2003 GB  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPLIANCE MONITOR AND  
METHOD• APPAREIL DE SURVEILLANCE  
D'UTILISATION CONFORME, ET PRO-  
CEDE CORRESPONDANT(71) ALTANA PHARMA AG [DE/DE];  
Byk-Gulden-Str. 2, 78467 Konstanz (DE).  
*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) FINK-WAGNER, Antje-Henriette  
[DE/DE]; Blarerstr. 18, 78462 Konstanz  
(DE). JONGEJAN, Roberto [NL/NL];  
Linnaeusparkweg 111, NL-1098 CV AM-  
STERDAM (NL). FERRIS, Christopher  
[GB/GB]; Stotfold Road, 33b, Arlesley SG15  
6XL (GB).(74) KRATZER, Bernd et al. / etc.; c/o Altana  
Pharma AG, Byk-Gulden-Str. 2, 78467 Kon-  
stanz (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

*(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)**(u) for / pour US only / seulement*(51)<sup>7</sup> A61M 16/06

(11) WO 2005/028009 (13) A1

(21) PCT/AU2004/001309

(22) 24 Sep/sep 2004 (24.09.2004)

(25) en (26) en

(30) 60/505,718 25 Sep/sep 2003 US  
(25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VENTILATOR MASK AND SYSTEM

• MASQUE DE VENTILATEUR ET SYS-  
TEME(71) RESMED LIMITED [AU/AU]; 97 Water-  
loo Road, North Ryde, New South Wales 2113  
(AU).  
*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) KWOK, Philip, Rodney [AU/AU]; 15  
Davies Street, Chatswood, New South Wales  
2067 (AU).(74) DAVIDSON, Geoffrey, Robert et al. / etc.;  
1 Market Street, Sydney, New South Wales  
2000 (AU).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> A61M 16/06

(11) WO 2005/028010 (13) A2

(21) PCT/FR2004/050410

(22) 2 Sep/sep 2004 (02.09.2004)

(25) fr (26) fr

(30) 0350518 9 Sep/sep 2003 FR  
(09.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HARNESS AND RESPIRATORY MASK  
FOR TREATING SLEEP APNOEA• HARNAIS ET MASQUE RESPIRA-  
TOIRE UTILISABLES POUR TRAITER  
L'APNEE DU SOMMEIL(71) TAEMA [FR/FR]; 6, rue Georges Besse, CE  
n° 80, F-92182 ANTONY CEDEX (FR).  
*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) GRILLEAU, Laurent [FR/FR]; 94,  
avenue Denfert Rochereau, F-75014 PARIS  
(FR).(74) PITTIS, Olivier; L'AIR LIQUIDE SA, 75,  
quai d'Orsay, F-75321 PARIS CEDEX 07  
(FR).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH



GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61M 16/06, 16/08

(11) WO 2005/028011 (13) A2

(21) PCT/US2004/030823

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/503983 18 Sep/sep 2003 US  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • DRUG DELIVERY MASK FOR ANI-  
MALS

- MASQUE D'ADMINISTRATION DE  
MEDICAMENT POUR ANIMAUX

(71) DVM PHARMACEUTICALS, INC.  
[US/US]; 50 Northwest 176 Street, Miami,  
FL 33169 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BARNEY, Brian [GB/GB]; 50 Stortford  
Road, Great Dunmow, Essex CM6 1DN  
(GB). HSIAO, Jane [US/US]; 3210 Hunter  
Road, Weston, FL 33331 (US). KWOCKKA,  
Kenneth [US/US]; 1063 W. 47th Street, Mi-  
ami Beach, FL 33140 (US). PYE, Siobhan  
[GB/GB]; Groun Floor Flat, 4 Chandos Road,  
East Finchley, London 42 9AP (GB).

(74) LAPPIN, Mark, G. et al. / etc.; McDermott,  
Will & Emery LLP, 28 State Street, Boston,  
MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61M 16/16, H01R 4/60

(11) WO 2005/028012 (13) A1

(21) PCT/NZ2004/000195

(22) 20 Aug/août 2004 (20.08.2004)

(25) en (26) en

(30) 528390 19 Sep/sep 2003 NZ  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • A CONNECTOR

- CONNECTEUR

(71) FISHER & PAYKEL HEALTHCARE  
LIMITED [NZ/NZ]; 15 Maurice Paykel  
Place, East Tamaki, Auckland, 1706 (NZ).  
WILSON, Grant, Warren [NZ/NZ]; 135  
Waipuna Road, Mt Wellington, Auckland,  
1006 (NZ).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) LAURENT, Kristopher, Poh, Ming  
[NZ/NZ]; 8 Jillteresa Crescent, Bucklands  
Beach, Auckland, 1706 (NZ). MCAULEY,  
Alastair, Edwin [NZ/NZ]; 58A Ngapuhi  
Road, Remuera, Auckland, 1005 (NZ).  
NIGHTINGALE, Christopher, Earl  
[NZ/GB]; 18 Settlers Court, 17 Newport  
Avenue, Poplar, London England E142DG  
(GB). MAKINSON, Ian, Douglas [GB/NZ];  
19 Leone Terrace, Mt Albert, Auckland, 1003  
(NZ). MERVOLJEVIC, Ivan [NZ/NZ]; 221B  
Lake Road, Takapuna, Auckland, 1310 (NZ).

(74) ADAMS, Matthew, D et al. / etc.; A J Park,  
6th Floor Huddart Parker Building, PO Box  
949, Wellington, 6015 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61M 21/02, G10K 15/04

(11) WO 2005/028013 (13) A1

(21) PCT/JP2004/013749

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-326187 18 Sep/sep 2003 JP  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • METHOD AND APPARATUS FOR EN-  
VIRONMENTAL SETTING AND DATA  
FOR ENVIRONMENTAL SETTING

- PROCEDE ET SYSTEME DE CREA-  
TION D'UN ENVIRONNEMENT ET  
DONNEES DE CREATION D'UN ENVI-  
RONNEMENT

(71) TAKENAKA CORPORATION [JP/JP];  
1-13, Hommachi 4-chome, Chuo-ku, Os-  
aka-shi, Osaka, 5410053 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(71, 72) OOHASHI, Tsutomu [JP/JP]; c/o  
Oohashi Office, Park-house-higashinakano  
022, 53-11, Higashinakano 1-chome,  
Nakano-ku, Tokyo, 1640003 (JP).

(72, 75) KAWAI, Norie [JP/JP]; c/o Oohashi  
Office, Park-house-higashinakano 022,  
53-11, Higashinakano 1-chome, Nakano-ku,  
Tokyo, 1640003 (JP). NISHINA, Emi  
[JP/JP]; c/o Oohashi Office, Park-house-hi-  
gashinakano 022, 53-11, Higashinakano  
1-chome, Nakano-ku, Tokyo, 1640003 (JP).  
YAGI, Reiko [JP/JP]; c/o Oohashi Office,

Park-house-higashinakano 022, 53-11, Hi-  
gashinakano 1-chome, Nakano-ku, Tokyo,  
1640003 (JP). HONDA, Manabu [JP/JP]; c/o  
Oohashi Office, Park-house-higashinakano  
022, 53-11, Higashinakano 1-chome,  
Nakano-ku, Tokyo, 1640003 (JP). NAKA-  
MURA, Satoshi [JP/JP]; c/o Oohashi Office,  
Park-house-higashinakano 022, 53-11, Hi-  
gashinakano 1-chome, Nakano-ku, Tokyo,  
1640003 (JP). MORIMOTO, Masako  
[JP/JP]; c/o Oohashi Office, Park-house-hi-  
gashinakano 022, 53-11, Higashinakano  
1-chome, Nakano-ku, Tokyo, 1640003 (JP).  
MAEKAWA, Tadao [JP/JP]; c/o Oohashi Of-  
fice, Park-house-higashinakano 022, 53-11,  
Higashinakano 1-chome, Nakano-ku, Tokyo,  
1640003 (JP).

(74) KAWAMIYA, Osamu et al. / etc.;  
AOYAMA & PARTNERS, IMP Building,  
3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi,  
Osaka, 5400001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61M 25/00, 25/10, A61F 2/06

(11) WO 2005/028014 (13) A1

(21) PCT/DE2004/002072

(22) 16 Sep/sep 2004 (16.09.2004)

(25) de (26) de

(30) 103 42 758.9 16 Sep/sep 2003 DE  
(16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • DEVICE FOR BEING INTRODUCED  
INTO BODY ORGANS AND HAVING A  
MARKER ELEMENT FOR CONTROL-  
LING THE POSITION THEREOF

- DISPOSITIF DESTINE A ETRE INTRO-  
DUIT DANS DES ORGANES CORPO-  
RELS ET DOTE D'UN ELEMENT DE  
MARQUAGE SERVANT A CONTROL-  
LER SA POSITION

(71) CAMPUS GMBH & CO. KG [DE/DE]; En-  
tenmühlstr. 48, 66424 Homburg (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) JUNG, Johannes [DE/DE]; Im Speitel  
102, 76229 Karlsruhe (DE).

(74) FUCHS, Mehler, Weiss & Fritzsche; Nau-  
pliastrasse 110, 81545 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61M 25/10

(11) WO 2005/028015 (13) A2

(21) PCT/US2004/029894

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/664,171 16 Sep/sep 2003 US (16.09.2003)

(30) 10/783,217 20 Feb/fév 2004 US (20.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS AND APPARATUS FOR LOCALIZED AND SEMI-LOCALIZED DRUG DELIVERY

• PROCEDES ET APPAREIL D'ADMINISTRATION LOCALISEE ET SEMI-LOCALISEE DE MEDICAMENT

(71) VENOMATRIX [US/US]; 984 Vallejo Street, Napa, CA 94559 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GARRISON, Michi [US/US]; 212 Roosevelt Boulevard, Half Moon Bay, CA 94019 (US). BRINTON, Todd [US/US]; 1168 Marcussen Drive, Menlo Park, CA 94025 (US). CAMPBELL, Peter, F. [US/US]; 3550 Scott Boulevard, Building # 48, Santa Clara, CA 95054 (US). ROE, Steve [US/US]; 21 Hillborn Court, San Mateo, CA 94403 (US). SALMON, Steven [US/US]; 984 Vallejo Street, Napa, CA 94559 (US). YOCK, Paul [US/US]; 98 Inglewood, Atherton, CA 94027 (US).

(74) ORRICK HERRINGTON & SUTCLIFFE LLP et al. / etc.; 4 Park Plaza, Suite 1600, Irvine, CA 92614-2558 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61M 31/00, 37/00, 5/315

(11) WO 2005/028016 (13) A1

(21) PCT/US2004/030288

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,954 18 Sep/sep 2003 US (18.09.2003)

(30) 10/940,589 14 Sep/sep 2004 US (14.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CHEMOABLATION OF TISSUE USING BIODEGRADABLE, SOLID SALT DOSAGE FORMS

• CHIMIO-ABLATION DE TISSU AU MOYEN DE FORMES PHARMACEUTIQUES DE SEL SOLIDES ET BIODEGRADABLES

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DITROLIO, Joseph, V. [US/US]; 7 Meadow Lane, Roseland, NJ 07068 (US).

(74) BONHAM, David, B. et al. / etc.; Mayer Fortkort & Williams, P.C., 251 North Avenue West, 2nd Floor, Westfield, NJ 07090 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61M 35/00, 27/00, A61K 35/76

(11) WO 2005/028017 (13) A1

(21) PCT/EP2004/009243

(22) 18 Aug/août 2004 (18.08.2004)

(25) de (26) de

(30) 103 42 071.1 10 Sep/sep 2003 DE (10.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE AND METHOD FOR APPLYING ACTIVE SUBSTANCES TO THE SURFACE OF A WOUND

• DISPOSITIF ET PROCEDE D'APPLICATION DE SUBSTANCES ACTIVES A LA SURFACE D'UNE PLAIE

(71, 72) FLEISCHMANN, Wilhelm [DE/DE]; Wieselweg 26, 74321 Bietigheim-Bissingen (DE).

(74) WESTPHAL, MUSSGUG & PARTNER; Am Riettor, 78048 Villingen-Schwenningen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61M 35/00, A61L 15/00, A61K 31/00, A61F 13/00, A61K 9/70

(11) WO 2005/028018 (13) A1

(21) PCT/US2004/030136

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 10/663,362 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FLUID MEDICATION DELIVERY DEVICE

• DISPOSITIF MEDICAL D'ADMINISTRATION D'UN FLUIDE

(71) I-FLOW CORPORATION [US/US]; 20202 Windrow Drive, Lake Forest, California 92630 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MASSENGALE, Roger [US/US]; 28 Harveston, Mission Viejo, California 92692 (US). FORREST, Kevin, M. [US/US]; 306 Pasto Rico, Rancho Santa Margarita, California 92688 (US). PORTER, Bill [US/US]; 3442 Celinda Drive, Carlsbad, California 92008 (US). EARHART, Donald, M. [US/US]; 12 Via Giada, Newport Coast, CA 92657 (US). DINE, Alan [US/US]; 9209 Debold Koebel Rd., Pleasant Plain, Ohio 45162 (US).

(74) NATAUPSKY, Steven, J.; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, California 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

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(11) WO 2005/028019 (13) A1

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(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,034 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SHATTER-RESISTANT MICRO-PROBES

• MICROSONDES RESISTANT A LA RUPTURE

(71) **THE REGENTS OF THE UNIVERSITY OF MICHIGAN TECHNOLOGY MANAGEMENT OFFICE** [—/US]; Wolverine Tower, Room 2071, 3003 S. State Street, Ann Arbor, MI 48109 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GHOVANLOO, Maysam** [US/US]; 1108 McIntyre Drive, Ann Arbor, MI 48105 (US). **NAJAFI, Khalil** [US/US]; 3707 Middleton Drive, Ann Arbor, MI 48105 (US). **WISE, Kensall, D.** [US/US]; 5601 Walnut Hall, Ann Arbor, MI 48105 (US).

(74) **KAMP, James, F.**; Rader, Fishman & Grauer PLLC, Suite 140, 39533 Woodward Avenue, Bloomfield Hills, MI 48304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) *for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*

(t) *for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*

(u) *for / pour US only / seulement*

(51)<sup>7</sup> **A61N**  
 (11) **WO 2005/028020** (13) A2  
 (21) PCT/US2004/031250  
 (22) **20 Sep/sep 2004 (20.09.2004)**  
 (25) en (26) en  
 (30) 60/503,908 **18 Sep/sep 2003 US (18.09.2003)**  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • **DEVICE AND METHOD FOR CONDUCTING OR BROADCAST ACTUAL**

NEURO ELECTRICAL CODED SIGNALS FOR MEDICAL TREATMENT  
 • **DISPOSITIF ET PROCEDE DESTINES A CONDUIRE OU DIFFUSER DES SIGNAUX CODES NEURO-ELECTRIQUES ACTUELS EN VUE D'UN TRAITEMENT MEDICAL**

(63) US 10/000,005 (CON) 20 Nov/nov 2001 (20.11.2001)

(71) **SCIENCE MEDICUS, INC.** [US/US]; 539 Oliver Ross Dr. NW, Albuquerque, NM 87121 (US).

(72) **SCHULER, Eleanor**; 2201 Spruce Needle Road, Rio Rancho, NM 87124 (US). **LEE, Claude, K.**; 465 S. Meadows PKWY #20-28, Reno, NV 89521 (US). **FRAZEE, Mark**; 4437 Condesa Court NW, Albuquerque, NM 87114 (US). **BEALL, Jim**; 5905 Los Hermanos Court, Albuquerque, NM 87111 (US).

(74) **LEE, William, M., Jr.** et al. / etc.; P.O. Box 2786, Chicago, IL 60690-2786 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61N**  
 (11) **WO 2005/028021** (13) A2  
 (21) PCT/US2004/008817  
 (22) **23 Mar/mar 2004 (23.03.2004)**  
 (25) en (26) en  
 (30) 60/457,503 **25 Mar/mar 2003 US (25.03.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • **METHODS FOR PROTECTION FROM TOXICITY OF ALPHA EMITTING ELEMENTS DURING RADIOIMMUNOTHERAPY**  
 • **PROCEDE DE PROTECTION CONTRE LA TOXICITE D'ELEMENTS D'EMISSION DE PARTICULES ALPHA LORS DE LA RADIOIMMUNOTHERAPIE**

(71) **SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH** [US/US]; 1275 York Avenue, New York, NY 10021 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72) **SCHEINBERG, David**; 325 Central Park West, New York, NY 10025 (US). **McDEVITT, Michael, R.**; 5644 Netherland Avenue, Bronx, NY 10471 (US). **JAGGI, Jaspreet**; 1275 York Avenue, New York, NY 10021 (US).

(74) **ADLER, Benjamin, A.**; Adler & Associates, 8011 Candle Lane, Houston, TX 77071 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61N 1/05**  
 (11) **WO 2005/028022** (13) A1  
 (21) PCT/US2004/030017  
 (22) **14 Sep/sep 2004 (14.09.2004)**  
 (25) en (26) en  
 (30) 60/503,220 **15 Sep/sep 2003 US (15.09.2003)**  
 (30) 10/767,674 **29 Jan/jan 2004 US (29.01.2004)**  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • **SELECTION OF NEUROSTIMULATOR PARAMETER CONFIGURATIONS USING BAYESIAN NETWORKS**  
 • **SELECTION DE CONFIGURATIONS DE PARAMETRES DE NEUROSTIMULATEUR AU MOYEN DE RESEAU DE BAYES**

(71) **MEDTRONIC, INC.** [US/US]; 710 Medtronic Parkway N.E., Minneapolis, MN 55432-5604 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72) **GOETZ, Steven, M.**; 4650 58th Place North, Brooklyn Center, MN 55429 (US).

(74) **SHUMAKER, Steven, J.**; Shumaker & Siefert, P.A., 8425 Seasons Parkway, Suite 105, St. Paul, MN 55125, U.S.A. (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61N 1/05**  
 (11) **WO 2005/028023** (13) A1  
 (21) PCT/US2004/030195  
 (22) **15 Sep/sep 2004 (15.09.2004)**  
 (25) en (26) en  
 (30) 10/664,995 **17 Sep/sep 2003 US (17.09.2003)**  
 (43) 31 Mar/mar 2005 (31.03.2005)

(54) • MEDICAL ELECTRICAL LEAD ANCHORING
• ANCRAGE DE FIL ELECTRIQUE MEDICAL

(71) MEDTRONIC, INC. [US/US]; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEIFERT, Kevin, R. [US/US]; 21950 Ide Avenue North, Forest Lake, MN 55025 (US). LASKE, Timothy, G. [US/US]; 5820 Evergreen Lane, Shoreview, MN 55126 (US).

(74) BELDEN, Elisabeth, L. et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)7 A61N 1/05, C12N 15/63, 15/87

(11) WO 2005/028024 (13) A1

(21) PCT/US2004/030364

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/663,570 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DELIVERING GENETIC MATERIAL TO A STIMULATION SITE

• ACHEMINEMENT DE MATERIEL GENETIQUE VERS UN SITE DE STIMULATION

(71) MEDTRONIC, INC. [US/US]; 710 Medtronic Parkway N.E., Minneapolis, MN 55432-5604 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) MONGEON, Luc, R.; 121 West Franklin Avenue, Minneapolis, MN 55404 (US).

CASAS-BEJAR, Jesus; 8968 Stratford Court, Brooklyn Park, MN 55443 (US). MARKOWITZ, H., Toby; 1670 Ridgewood Lane S, Roseville, MN 55113 (US). CROSS, Daisy, P.; 2546 Fillmore Street NE, Minneapolis, MN 55418 (US). BLUM, Janelle; 530 5th Street SE, Minneapolis, MN 55414 (US). EBERT, Michael; 1525 Berne Circle W, Fridley, MN 55421 (US). LASKE, Timothy, G.; 464 Carol Lane, Shoreview, MN 55126 (US).

(74) KELLY, Jason, D.; Shumaker & Sieffert, P.A., 8425 Seasons Parkway, Suite 105, St. Paul, MN 55125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/503,465 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AXIAL TO PLANAR LEAD CONVERSION DEVICE AND METHOD

• DISPOSITIF ET PROCEDURE PERMETTANT DE CONVERTIR UN CONDUCTEUR AXIAL EN CONDUCTEUR PLAN

(71) ADVANCED BIONICS CORPORATION [US/US]; 25129 Rye Canyon Road, Valencia, CA 91355 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) MEADOWS, Paul, M.; 1854 Los Encinos Avenue, Glendale, CA 91208-2240 (US).

PAYNE, David, H.; 17046 E. Ave. W4, Llano, CA 93544 (US). BRADLEY, Kerry; 3081 Menlo Drive, Glendale, CA 91208 (US).

(74) GOLD, Bryant, R., et al. / etc.; Advanced Bionics corporation, 25129 Rye Canyon Road, Valencia, CA 91355 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)7 A61N 1/36

(11) WO 2005/028026 (13) A1

(21) PCT/US2004/029850

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 60/503,206 15 Sep/sep 2003 US (15.09.2003)

(30) 10/767,922 29 Jan/jan 2004 US (29.01.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SELECTION OF NEUROSTIMULATOR PARAMETER CONFIGURATIONS USING NEURAL NETWORKS

• SELECTION DE CONFIGURATIONS DE PARAMETRES DE NEUROSTIMULATEUR AU MOYEN DE RESEAUX NEURONAUX

(71) MEDTRONIC, INC. [US/US]; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5604 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) GOETZ, Steven, M.; 4650 58th Place North, Brooklyn Center, MN 55429 (US).

(74) SHUMAKER, Steven, J.; Shumaker & Sieffert, P.A., 8425 Seasons Parkway, Suite 105, St. Paul, MN 55125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)7 A61N 1/36, 1/05, 1/34

(11) WO 2005/028027 (13) A1

(21) PCT/US2004/030018

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 60/503,208 15 Sep/sep 2003 US (15.09.2003)

(30) 10/767,692 29 Jan/jan 2004 US (29.01.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SELECTION OF NEUROSTIMULATOR PARAMETER CONFIGURATIONS USING GENETIC ALGORITHMS

• SELECTION DE CONFIGURATIONS DE PARAMETRES DE NEUROSTIMULATEUR UTILISANT DES ALGORITHMES GENETIQUES

(71) **MEDTRONIC, INC.** [US/US]; 710 Medtronic Parkway N.E., Minneapolis, MN 55432-5604 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **GOETZ, Steven, M.**; 4650 58th Place North, Brooklyn Center, MN 55429 (US).

(74) **SHUMAKER, Steven, J.**; Shumaker & Siefert, P.A., 8425 Seasons Parkway, Suite 105, St. Paul, MN 55125, U.S.A. (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) **14 Sep/sep 2004 (14.09.2004)**

(25) en (26) en

(30) 60/503,209 **15 Sep/sep 2003** US (15.09.2003)

(30) 10/767,545 **29 Jan/jan 2004** US (29.01.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SELECTION OF NEUROSTIMULATOR PARAMETER CONFIGURATIONS USING DECISION TREES

• SELECTION DE CONFIGURATIONS DE PARAMETRES DE NEUROSTIMULATEUR UTILISANT DES ARBRES DE DECISION

(71) **MEDTRONIC, INC.** [US/US]; 710 Medtronic Parkway N.E., Minneapolis, MN 55432-5604 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **GOETZ, Steven, M.**; 4650 - 58th Place North, Brooklyn Center, MN 55429 (US).

(74) **SHUMAKER, Steven, J.**; Shumaker & Siefert, P.A., 8425 Seasons Parkway, Suite 105, St. Paul, MN 55125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61N 1/362

(11) **WO 2005/028029** (13) A2

(21) PCT/US2004/030787

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 60/504,229 **18 Sep/sep 2003** US (18.09.2003)

(30) 10/798,794 **11 Mar/mar 2004** US (11.03.2004)

(30) 10/824,941 **15 Apr/avr 2004** US (15.04.2004)

(30) 10/824,776 **15 Apr/avr 2004** US (15.04.2004)

(30) 10/864,287 **9 Jun/juin 2004** US (09.06.2004)

(30) 10/920,569 **17 Aug/août 2004** US (17.08.2004)

(30) 10/920,675 **17 Aug/août 2004** US (17.08.2004)

(30) 10/920,568 **17 Aug/août 2004** US (17.08.2004)

(30) 10/922,351 **19 Aug/août 2004** US (19.08.2004)

(30) 10/922,663 **20 Aug/août 2004** US (20.08.2004)

(30) 10/929,826 **30 Aug/août 2004** US (30.08.2004)

(30) 10/929,830 **30 Aug/août 2004** US (30.08.2004)

(30) 10/929,306 **30 Aug/août 2004** US (30.08.2004)

(30) 10/930,508 **31 Aug/août 2004** US (31.08.2004)

(30) 10/930,346 **31 Aug/août 2004** US (31.08.2004)

(30) 10/930,979 **31 Aug/août 2004** US (31.08.2004)

(30) 10/939,586 **13 Sep/sep 2004** US (13.09.2004)

(30) 10/939,834 **13 Sep/sep 2004** US (13.09.2004)

(30) 10/939,711 **13 Sep/sep 2004** US (13.09.2004)

(30) 10/939,639 **13 Sep/sep 2004** US (13.09.2004)

(30) 10/943,077 **15 Sep/sep 2004** US (15.09.2004)

(30) 10/943,079 **15 Sep/sep 2004** US (15.09.2004)

(30) 10/943,071 **15 Sep/sep 2004** US (15.09.2004)

(30) 10/943,074 **15 Sep/sep 2004** US (15.09.2004)

(30) 10/943,070 **15 Sep/sep 2004** US (15.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PATIENT MONITORING, DIAGNOSIS, AND/OR THERAPY SYSTEMS AND METHODS

• SYSTEMES ET PROCEDES DE SURVEILLANCE, DE DIAGNOSTIC ET/OU DE TRAITEMENT DE PATIENT

(71) **CARDIAC PACEMAKERS, INC.** [US/US]; 4100 Hamline Avenue North, St. Paul, MN 55112 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **STAHMANN, Jeffrey, E.**; 4850 154th Lane N.W., Ramsey, MN 55303 (US). **LEE, Kent**; 176 Christenson Court, Fridley, MN 55432 (US). **HARTLEY, Jesse, W.**; 339 Linda Court, Lino Lakes, MN 55014 (US). **NI, Quan**; 5812 Prairie Ridge Drive, Shoreview, MN 55126 (US). **HATLESTAD, John, D.**; 2044 Edgerton Street, Maplewood, MN 55117 (US). **ZHU, Qingsheng**; 3025 Valento Lane, Little Canada, MN 55117 (US). **SIEJKO, Krzysztof, J.**; 9523 Kirkwood Way, Maple Grove, MN 55369 (US).

(74) **HOLLINGSWORTH, Mark, A.**; Crawford Maunu Plc, 1270 Northland Drive, Suite 390, St. Paul, MN 55120 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61N 1/37 // 1/368

(11) **WO 2005/028030** (13) A1

(21) PCT/SE2003/001494

(22) **25 Sep/sep 2003 (25.09.2003)**

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HEART STIMULATION DEVICE

• DISPOSITIF DE STIMULATION CARDIAQUE

(71) **ST. JUDE MEDICAL AB** [SE/SE]; S-175 84 Järfälla (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEDBERG, Sven-Erik** [SE/SE]; Odonstigen 5, S-196 32 Kungsängen (SE). **BJÖRLING, Anders** [SE/SE]; Handbollsvägen 24 G, S-175 53 Järfälla (SE). **HOLMSTRÖM, Nils** [SE/SE]; Pärönvägen 4 A, S-175 57 Järfälla (SE). **LAGERCRANTZ, Per** [SE/SE]; St Paulsgatan 22 B, S-118 48 Stockholm (SE).

(74) **HOPFGARTEN, Nils et al. / etc.**; Groth & Co. KB, P.O. Box 6107, S-102 32 Stockholm (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (Utility model / modèle d'utilité) (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> A61N 1/39

(11) WO 2005/028031 (13) A1

(21) PCT/IB2004/051410

(22) 5 Aug/août 2004 (05.08.2004)

(25) en (26) en

(30) 60/504,407 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR PRINTING INCIDENT REVIEW DATA FROM AN EXTERNAL DEFIBRILLATOR WITHOUT THE NEED OF A COMPUTER

• PROCEDE ET APPAREIL PERMETTANT D'IMPRIMER DES DONNEES D'EXAMEN RELATIVES A UN INCIDENT A PARTIR D'UN DEFIBRILLATEUR EXTERNE SANS RECOURIR A UN ORDINATEUR

(71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (for all designated States except / pour tous les États désignés sauf US)

(71) U.S. PHILIPS CORPORATION [US/US]; 1251 Avenue of the Americas, New York, NY 10020 (US). (only for / seulement pour AE)

(72) POWERS, Daniel, J.; P.O. Box 3003, Bothell, WA 98041-3003 (US). THOMPSON, Catherine, Ann; P.O. Box 3003, Bothell, WA 98041-3003 (US).

(74) YORKS, W., Brinton, Jr.; P.O. Box 3003, Bothell, WA 98041-3003 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declaration / Déclaration :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61P 13/08, A61K 9/08, 9/10, 47/02, 47/10, 47/34, 47/38

(11) WO 2005/028032 (13) A1

(21) PCT/US2004/030048

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/667,151 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INJECTABLE THERAPEUTIC FORMULATIONS

• FORMULATIONS THERAPEUTIQUES INJECTABLES

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55331 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZHONG, Sheng-Ping [US/US]; 8 Dickinson Circle, Shrewsbury, MA 01545 (US). NAIMARK, Wendy [CA/US]; 2 Ware Street, Apt. #306, Cambridge, MA 02138 (US). MADENJIAN, Arthur [US/US]; 14 Johnson Road, Winchester, MA 01890 (US). BUCAY-COUTO, Weenna [US/US]; 5 Nichold St., Burlington, MA 01803 (US). MA, Enxin [US/US]; 11 Post Oak Lane #12, Natick, MA 01760 (US).

(74) BONHAM, David, B. et al. / etc.; Mayer Fortkort & Williams, PC, 251 North Avenue West, 2nd Floor, Westfield, NJ 07090 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A63B

(11) WO 2005/028033 (13) A2

(21) PCT/US2004/024443

(22) 28 Jul/juil 2004 (28.07.2004)

(25) en (26) en

(30) 60/490,826 28 Jul/juil 2003 US (28.07.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GOLF SCOREKEEPING AND ANALYSIS SYSTEM

• SYSTÈME D'ANALYSE ET D'ENREGISTREMENT DES SCORES DE GOLF

(71) DIGIANTIX [US/US]; 14473 Oak Drive, Saratoga, CA 95070 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PALMER, Peter, J. [US/US]; 14473 Oak Drive, Saratoga, CA 95070 (US). BACK, Niklas, L. [ES/US]; 143 Orchard Oak Circle, Campbell, CA 95008 (US). DEMBRY, Paul, E. [US/US]; 22784 Riva Ridge Road, Los Gatos, CA 95033 (US).

(74) HUGHES, Michael, J. et al. / etc.; IPLO Intellectual Property Law Offices, 1901 South Bascom Avenue, Suite 660, Campbell, CA 95008 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63B 23/025, 21/00, A61B 5/11

(11) WO 2005/028034 (13) A1

(21) PCT/AU2004/001279

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 2003905108 19 Sep/sep 2003 AU (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ASSESSMENT APPARATUS AND METHOD

• APPAREIL ET PROCEDE D'EVALUATION

(71) THE UNIVERSITY OF QUEENSLAND [AU/AU]; ST LUCIA, Queensland 4072 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) O'LEARY, Shaun, Patrick [AU/AU]; 2/59 WARREN STREET, ST LUCIA, Queensland 4067 (AU). JULL, Gwendolen, Anne [AU/AU]; 51 BARKALA STREET,

- THE GAP, Queensland 4061 (AU). VICENZINO, Guglielmo, Tarcisio [AU/AU]; 49 FRASER ROAD, ASHGROVE, Queensland 4060 (AU). GREAVES, Matthew, Campbell [AU/AU]; 11/77 SIR FRED SCHONELL DRIVE, ST LUCIA, Queensland 4067 (AU).
- (74) THOMPSON, Paul M et al. / etc.; Davies Collison Cave, Level 3, 303 Coronation Drive, Milton, Queensland 4064 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A63B 43/00  
(11) WO 2005/028035 (13) A1  
(21) PCT/GB2004/004031  
(22) 22 Sep/sep 2004 (22.09.2004)  
(25) en (26) en  
(30) GB 0322183.5 22 Sep/sep 2003 GB (22.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • BALL AND GAME  
• BALLE ET JEU  
(71) WORLD GOLF SYSTEMS LIMITED [GB/GB]; Axis 4 Rhodes Way, Watford, Herts, WD24 4YW (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) JOLLIFFE, David, Victor [GB/GB]; World Golf Systems Limited, Axis 4, Rhodes Way, Watford, Herts WD24 4YW (GB). JOLLIFFE, Steven, Paul [GB/GB]; World Golf Systems Ltd, Axis 4, Rhodes Way, Watford Herts WD24 4YW (GB).  
(74) POWELL, Stephen, David et al. / etc.; Williams Powell, Morley House, 26-30 Holborn Viaduct, London EC1A 2BP (GB).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A63B 47/02  
(11) WO 2005/028036 (13) A1  
(21) PCT/EP2004/010071
- (22) 9 Sep/sep 2004 (09.09.2004)  
(25) de (26) de  
(30) 103 42 432.6 13 Sep/sep 2003 DE (13.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • RECEIVING DEVICE FOR BALLS, ESPECIALLY GOLF BALLS  
• SYSTEME DE LOGEMENT POUR BALLEES, EN PARTICULIER POUR BALLEES DE GOLF  
(71, 72) SCHIMPF, Karlheinz [DE/DE]; Holunderweg 3, 75443 Ötisheim (DE).  
(74) REINHARDT, Harry et al. / etc.; Reinhardt & Pohlmann Partnerschaft, Grünstrasse 1, 75172 Pforzheim (DE).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A63B 53/04  
(11) WO 2005/028037 (13) A1  
(21) PCT/JP2004/014288  
(22) 22 Sep/sep 2004 (22.09.2004)  
(25) ja (26) ja  
(30) 2003-330456 22 Sep/sep 2003 JP (22.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • GOLF CLUB HEAD AND GOLF CLUB  
• TETE DE CLUB DE GOLF ET CLUB DE GOLF  
(71) THE YOKOHAMA RUBBER CO., LTD. [JP/JP]; 36-11, Shimbashi 5-chome, Minato-ku, Tokyo 105-8685 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) NAKAHARA, Norihiko [JP/JP]; c/o The Yokohama Rubber Co., Ltd., Hiratsuka Factory, 2-1, Oiwake, Hiratsuka City, Kanagawa 254-8601 (JP).  
(74) WATANABE, Mochitoshi et al. / etc.; Hayakawa-tonakai Bldg. 3F 12-5, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101-0032 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A63B 53/04  
(11) WO 2005/028039 (13) A1  
(21) PCT/JP2004/014310  
(22) 22 Sep/sep 2004 (22.09.2004)  
(25) ja (26) ja  
(30) 2003-330458 22 Sep/sep 2003 JP (22.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • GOLF CLUB HEAD AND GOLF CLUB  
• TETE DE CLUB DE GOLF ET CLUB DE GOLF  
(71) THE YOKOHAMA RUBBER CO., LTD. [JP/JP]; 36-11, Shimbashi 5-chome, Minato-ku, Tokyo, 1058685 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) NAKAHARA, Norihiko [JP/JP]; C/O The Yokohama Rubber Co., LTD. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka City, Kanagawa, 2548601 (JP).  
(74) WATANABE, Mochitoshi et al. / etc.; Hayakawa-tonakai Bldg. 3F, 12-5, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo, 1010032 (JP).
- 
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A63B 53/04  
(11) WO 2005/028038 (13) A1  
(21) PCT/JP2004/014309  
(22) 22 Sep/sep 2004 (22.09.2004)  
(25) ja (26) ja  
(30) 2003-330457 22 Sep/sep 2003 JP (22.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • GOLF CLUB HEAD AND GOLF CLUB  
• TETE DE CLUB DE GOLF ET CLUB DE GOLF  
(71) THE YOKOHAMA RUBBER CO., LTD. [JP/JP]; 36-11, Shimbashi 5-chome, Minato-ku, Tokyo, 1058685 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) NAKAHARA, Norihiko [JP/JP]; C/O The Yokohama Rubber Co., LTD. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka City, Kanagawa, 2548601 (JP).  
(74) WATANABE, Mochitoshi et al. / etc.; Hayakawa-tonakai Bldg. 3F, 12-5, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo, 1010032 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A63B 53/04  
(11) WO 2005/028039 (13) A1  
(21) PCT/JP2004/014310  
(22) 22 Sep/sep 2004 (22.09.2004)  
(25) ja (26) ja  
(30) 2003-330458 22 Sep/sep 2003 JP (22.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • GOLF CLUB HEAD AND GOLF CLUB  
• TETE DE CLUB DE GOLF ET CLUB DE GOLF  
(71) THE YOKOHAMA RUBBER CO., LTD. [JP/JP]; 36-11, Shimbashi 5-chome, Minato-ku, Tokyo, 1058685 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) NAKAHARA, Norihiko [JP/JP]; C/O The Yokohama Rubber Co., LTD. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka City, Kanagawa, 2548601 (JP).  
(74) WATANABE, Mochitoshi et al. / etc.; Hayakawa-tonakai Bldg. 3F, 12-5, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo, 1010032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OMPG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A63B 57/00

(11) WO 2005/028040 (13) A2

(21) PCT/FR2004/002232

(22) 2 Sep/sep 2004 (02.09.2004)

(25) fr (26) fr

(30) 0310502 5 Sep/sep 2003 FR  
(05.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GOLF BALL SUPPORT OR TEE

• SUPPORT DE BALLE DE GOLF OU TEE

(71, 72) POMMEREAU, Claude [FR/FR]; 7, al-  
lée Michel de Montaigne, F-91210 Draveil  
(FR).

(74) PONTET, Bernard et al. / etc.; Pontet Al-  
lano & Associés, SELARL, 25, rue Jean Ro-  
stand, Parc Club Orsay Université, F-91893  
Orsay Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A63C 11/02

(11) WO 2005/028041 (13) A1

(21) PCT/FR2003/002580

(22) 26 Aug/août 2003 (26.08.2003)

(25) fr (26) fr

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SKI CARRIER

• PORTE-SKIS

(71, 72) FERROUSSIER, Jérôme [FR/FR];  
Chemin Gilles Borel, Résidence Le Monaco  
Bât.C, F-13100 Aix en Provence (FR).  
GILBERT, Luc-Sylvain [FR/FR]; 3, rue de  
la Mule Noire, F-13100 Aix-en-Provence  
(FR). BONI, Caroline [FR/FR]; 1, rue Ana-  
tole France, F-13880 Velaux (FR).

(74) GILBERT, Luc-Sylvain; 3, rue de la Mule  
Noire, F-13100 Aix-en-Provence (FR).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR).

Declarations / Déclarations :

(s) for all designations / pour toutes les  
designations

(t) for all designations / pour toutes les  
designations

(u) for / pour US only / seulement

(51)<sup>7</sup> A63F

(11) WO 2005/028042 (13) A2

(21) PCT/US2004/029356

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 60/503,312 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GAMING MACHINE WITH ACTION  
UNIT CONTAINER

• MACHINE DE JEU POSSEDANT UN  
CONTENANT UNITAIRE

(71) ATLANTIC CITY COIN & SLOT SER-  
VICE COMPANY, INC. [US/US]; 201  
West Decatur Avenue, Pleasantville, NJ  
08232 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SEELIG, Jerald, C. [US/US]; 201 West  
Decatur Avenue, Pleasantville, NJ 8232  
(US). HENSHAW, Lawrence, M. [US/US];  
201 West Decatur Avenue, Pleasantville, NJ  
08232 (US).

(74) HOWELL, Thomas, J.; Ian F. Burns & As-  
sociates, 1575 Delucchi Lane #222, Reno, NV  
89502 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A63F

(11) WO 2005/028043 (13) A2

(21) PCT/US2004/029362

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 10/661,443 12 Sep/sep 2003 US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GAMING DEVICE HAVING A PROBA-  
BILITY-ENHANCING TRIGGER SYM-  
BOL

• DISPOSITIF DE JEU AYANT UN SYM-  
BOLE DECLENCHEUR ACCROIS-  
SANT LA PROBABILITE

(71) IGT [US/US]; 9295 Prototype Drive, Reno,  
NV 89521 (US).

(72) CUDDY, Ryan W.; 78 Stagecoach Ct.,  
Reno, NV 89511 (US). CHING, Erick T.;  
5685 W. Brookdale Drive, Reno, NV 89523  
(US). HOHMAN, Jasonlee Kisse; 2271  
Soar Drive, Sparks, NV 89436 (US).

(74) MASIA, Adam, H.; Bell, Boyd & Lloyd  
LLC, P.O. Box 1135, Chicago, IL 60690-1135  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A63F

(11) WO 2005/028044 (13) A2

(21) PCT/US2004/029552

(22) 8 Sep/sep 2004 (08.09.2004)

(25) en (26) en

(30) 10/661,396 12 Sep/sep 2003 US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GAMING DEVICE HAVING A  
CO-MOLDED SWITCH AND METHOD  
OF MAKING SAME

• DISPOSITIF DE JEU POSSEDANT UN  
COMMUNTEUR MOULE SOLIDAIRE  
ET SON PROCEDE DE FABRICATION

(71) IGT [US/US]; 9295 Prototype Drive, Reno,  
NV 89521 (US).

(72) HEDRICK, Joseph, R.; 13355 West Sad-  
dlebow Drive, Reno, NV 89511 (US).  
ROSANDER, Tai; 1345 Autumn Hills  
Drive, Reno, NV 89511 (US).

(74) MASIA, Adam, H.; BELL, BOYD &  
LLOYD LLC, P.O. Box 1135, Chicago, IL  
60690-1135 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A63F

(11) WO 2005/028045 (13) A2

(21) PCT/US2004/029621



(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 10/661,219 12 Sep/sep 2003 US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GAMING DEVICE HAVING A MULTI-ROUND, MULTI-CHARACTERISTIC CARD GAME

• MACHINE A SOUS A JEU DE CARTE A PARTIES MULTIPLES ET A CARACTERISTIQUES MULTIPLES

(71) IGT [US/US]; 9295 Prototype Drive, Reno, Nevada 89521 (US).

(72) DOLLOFF, Jan K.; 633 W. Sierra Madre Blvd., #7, Sierra Madre, California 91024 (US). MEAD, Randall D.; 1850 Joy Lake Road, Reno, Nevada 89511 (US). HOSTETLER, John D.; 5200 Summit Ridge Drive, #423, Reno, Nevada 89523 (US). BAERLOCHER, Anthony J.; 3339 Skyline Blvd., Reno, Nevada 89509 (US).

(74) SMITH, Renato L. et al. / etc.; BELL, BOYD &amp; LLOYD LLC, P.O. Box 1135, Chicago, Illinois 60690-1135 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63F

(11) WO 2005/028046 (13) A2

(21) PCT/US2004/029709

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 10/662,618 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GAMING DEVICE HAVING AN ELECTRONIC FUNDS TRANSFER SYSTEM  
• DISPOSITIF DE JEU COMPORTANT UN SYSTEME DE TRANSFERT DE FONDS ELECTRONIQUE

(71) IGT [US/US]; 9295 Prototype Drive, Reno, NV 89521 (US).

(72) CHAMBERLAIN, John, W.; 1335 Buzzy Ranch Road, Carson City, NV 89701 (US). SAFFARI, Mohamad Ali; 2440 Catamaran Drive, Reno, NV 89509 (US). HOLLIBAUGH, Larry, R.; 725 Silver Mine Court, Reno, NV 89511 (US).

(74) SMITH, Renato, L. et al. / etc.; Bell, Boyd &amp; Lloyd LLC, P.O. Box 1135, Chicago, IL 60690-1135 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63F

(11) WO 2005/028047 (13) A2

(21) PCT/US2004/029712

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/661,348 12 Sep/sep 2003 US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GAMING APPARATUS AND METHOD HAVING A SEPARATE BUT SIMULTANEOUSLY OPERATING BONUS INDICATOR

• MACHINE A SOUS ET PROCEDE ASSOCIE COMPRENANT UN INDICATEUR DE BONUS SEPARÉ MAIS UTILISE DE MANIERE SIMULTANÉE

(71) ARISTOCRAT TECHNOLOGIES AUSTRALIA PTY LIMITED [AU/AU]; 71 Longueville Road, Lane Cove, NSW 2066 (AU).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) TEMPEST, Kim [US/US]; 896 N. Promontory Dr., Tucson, AZ 85748 (US). LEUPP, Jon, McNair [US/US]; 10301 E. Placita Guanajuato, Tucson, AZ 85749 (US). LOMBINO, Charles, D. [US/US]; 2421 Enchantment Circle, Henderson, NV 89014 (US). MARION, Biron, C. [US/US]; 1467 Danville Court, Las Vegas, NV 89117 (US).

(74) MCKENNA, Stephen, C. et al. / etc.; Gibson, Dunn &amp; Crutcher LLP, 1801 California Street, Suite 4100, Denver, CO 80202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63F

(11) WO 2005/028048 (13) A2

(21) PCT/US2004/030457

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,307 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GAMING DEVICE BASE AND METHOD OF USE

• APPAREIL DE JEUX DE HASARD ET SON PROCEDE D'UTILISATION

(71) ATLANTIC CITY COIN & SLOT SERVICE COMPANY, INC. [US/US]; 201 West Decatur Avenue, Pleasantville, NJ 08232 (US). TC MILLWORKS, INC. [US/US]; 600 Center Street, Bensalem, PA 19020 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SEELIG, Mac [US/US]; 201 West Decatur Avenue, Pleasantville, NJ 08232 (US). SEELIG, Jerald, C. [—/US]; 201 West Decatur Avenue, Pleasantville, NJ 08232 (US). MCNAMARRA, Jack [US/US]; 600 Center Avenue, Bensalem, PA 19020 (US). KOBRYN, Michael [US/US]; 600 Center Avenue, Bensalem, PA 19020 (US).

(74) HOWELL, Thomas, J.; Ian F. Burns &amp; Associates, 1575 Delucchi Lane #222, Reno, NV 89502 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63F

(11) WO 2005/028049 (13) A2

(21) PCT/US2004/030473

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,308 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR GAMING

• PROCEDE ET MACHINE DE JEU

(71) ATLANTIC CITY COIN & SLOT SERVICE COMPANY, INC. [US/US]; 201 West Decatur Avenue, Pleasantville, NJ 08232 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SEELIG, Jerald, C. [US/US]; 201 West Decatur Avenue, Pleasantville, NJ 08232 (US). HENSHAW, Lawrence, M. [US/US]; 201 West Decatur Avenue, Pleasantville, NJ 08232 (US).

(74) BURNS, Ian, F.; Ian F. Burns &amp; Associates, 1575 Delucchi Lane #222, Reno, NV 89502 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A63F 3/06
- (11) WO 2005/028050 (13) A1
- (21) PCT/RU2004/000245
- (22) 28 Jun/juin 2004 (28.06.2004)
- (25) ru (26) ru
- (30) 2003128398 23 Sep/sep 2003 RU (23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR RUNNING A LOTTERY  
• PROCEDE D'ORGANISATION D'UNE LOTERIE
- (71, 72) KEDRINSKY, Alexei Iliich [RU/RU]; ul. Respubliki, 49-46, Krasnoyarsk, 660021 (RU).
- (74) SALMINA, Oleg Borisovna; ul. 2-aya Filevskaya, 7/19-1-79, Moscow, 121096 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A63F 9/00, 9/20
- (11) WO 2005/028051 (13) A1
- (21) PCT/US2004/029862
- (22) 9 Sep/sep 2004 (09.09.2004)
- (25) en (26) en
- (30) 10/663,403 15 Sep/sep 2003 US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • VIDEO POKER GAME WITH SURRENDER FEATURE  
• JEU DE POKER VIDEO A CARACTERISTIQUE D'ABANDON
- (71) IGT [US/US]; 9295 Prototype Drive, Reno, Nevada 89521 (US).
- (72) HARTL, Josef Alexander; 9045 Ivybridge Street, Las Vegas, Nevada 89123 (US).
- (74) SMITH, Renato L. et al. / etc.; Bell, Boyd & Lloyd LLC, P.O. Box 1135, Chicago, Illinois 60690-1135 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> A63F 13/00
- (11) WO 2005/028052 (13) A2
- (21) PCT/IB2004/051721
- (22) 9 Sep/sep 2004 (09.09.2004)
- (25) en (26) en
- (30) 0322045.6 20 Sep/sep 2003 GB (20.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A NETWORK-BASED GAMING SYSTEM  
• SYSTEME DE JEU EN RESEAU
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TUPPER, Steven, J. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).
- (74) WHITE, Andrew, G.; c/o Philips Intellectual Property & Stan, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- (51)<sup>7</sup> A63F 13/00
- (11) WO 2005/028053 (13) A1
- (21) PCT/JP2004/014025
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) ja (26) ja
- (30) 2003-325381 18 Sep/sep 2003 JP (18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MUSIC GAME DEVICE, MUSIC GAME SYSTEM, OPERATION OBJECT, MUSIC GAME PROGRAM, AND MUSIC GAME METHOD  
• DISPOSITIF ET SYSTEME DE JEU MUSICAL, OBJET DE COMMANDE, PROGRAMME ET PROCEDE DE JEU MUSICAL
- (71) SSD COMPANY LIMITED [JP/JP]; 3-3-4 Higashiyagura, Kusatsu-city, Shiga, 5250054 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UESHIMA, Hiromu [JP/JP]; c/o SSD COMPANY LIMITED 3-3-4 Higashiyagura, Kusatsu-city, Shiga, 5250054 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A63F 13/00, 13/12
- (11) WO 2005/028054 (13) A1
- (21) PCT/US2004/030441
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/504,566 18 Sep/sep 2003 US (18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SYSTEM AND METHOD FOR CONTROLLING ACCESS TO A MASSIVELY MULTIPLAYER ON-LINE ROLE-PLAYING GAME  
• LE SYSTEME EST PROCEDE DE COMMANDES D'ACCES A UN JEU DE ROLES EN LIGNE MASSIVEMENT MULTIJOUEUR
- (71) TURBINE ENTERTAINMENT SOFTWARE CORP. [US/US]; 60 Glacier Drive, Suite 4000, Westwood, MA 02090 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOGAN, Mike [US/US]; 67 Cemetery Road, Charlton, MA 01507 (US). AUSTREW, Eric [US/US]; 155 Strathmore Rd., Apt 14, Brighton, MA 02135 (US). DUPRAS, Derek [US/US]; 130 Mason Road, Whitinsville, MA 01588 (US). CUNNINGHAM, Sean [US/US]; 811 Centre

- Street, Apt. 5, Jamaica Plain, MA 02130 (US).
- (74) LANZA, John, D. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A63F 13/10
- (11) WO 2005/028055 (13) A1
- (21) PCT/US2004/029264
- (22) 8 Sep/sep 2004 (08.09.2004)
- (25) en (26) en
- (30) 10/663,236 15 Sep/sep 2003 US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND APPARATUS FOR ADJUSTING A VIEW OF A SCENE BEING DISPLAYED ACCORDING TO TRACKED HEAD MOTION
- PROCEDE ET APPAREIL PERMETTANT DE REGLER LA VUE D'UNE SCENE EN COURS D'AFFICHAGE CONFORMEMENT AU MOUVEMENT D'UNE TETE FAISANT L'OBJET D'UNE POURSUITE
- (71) SONY COMPUTER ENTERTAINMENT INC [JP/JP]; 2-6-21 Minami-Aoyama, Minato-ku, Tokyo 107-0062 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LARSEN, Eric, J [US/US]; 919 E. Hillsdale Blvd., 2nd Floor, Foster City, CA 94404-2175 (US). DESHPANDE, Hrishikesh, R [IN/US]; 919 E. Hillsdale Blvd., 2nd Floor, Foster City, CA 94404-2175 (US). MARKS, Richard, L. [US/US]; 919 E. Hillsdale Blvd., 2nd Floor, Foster City, CA 94404-2175 (US).
- (74) GENCARELLA, Michael, L.; Martine & Penilla, LLP, 710 Lakeway Drive, Suite 170, Sunnyvale, CA 94085 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A63F 13/12
- (11) WO 2005/028057 (13) A1
- (21) PCT/IB2003/004046
- (22) 19 Sep/sep 2003 (19.09.2003)
- (25) en (26) en
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND DEVICE FOR SUPPORTING WIRELESS MULTI-PLAYER GAMING WITH A MULTI-PLAYER GAME HUB
- PROCEDE ET DISPOSITIF PERMETTANT UNE CONFIGURATION DE JEUX MULTIJOUeurs SANS FIL AVEC UN SERVEUR DE JEUX MULTIJOUeurs
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SERAFAT, Reza [DE/DE]; Oskar-Hoffmann-Strasse 108, 44789 Bochum (DE). DECKER, Peter [DE/DE]; Sibeliusstrasse 33, 45772 Marl (DE). LAMPELA, Juha [FI/FI]; Fiskarintie 15, FIN-90420 Oula (FI).
- (74) KURIG, Thomas; Becker, Kurig, Straus, Bavariastrasse 7, 80336 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A63H
- (11) WO 2005/028058 (13) A2
- (21) PCT/US2004/030033
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 10/662,327 16 Sep/sep 2003 US (16.09.2003)
- (30) 10/778,357 17 Feb/fév 2004 US (17.02.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LINKABLE-SHARED FRIENDSHIP OBJECTS
- OBJETS D'AMITIE PARTAGES RELIABLES
- (63) US 10/662,327 (CIP)  
16 Sep/sep 2003 (16.09.2003)
- (71, 72) JACQUIN, Heidi, L. [US/US]; 358 Bohemian Highway, Freestone, CA 95472 (US).
- (74) BLAISE, Bradford, C. et al. / etc.; Pillsbury Winthrop LLP, P.O. Box 10500, McLean, VA 22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B01D
- (11) WO 2005/028059 (13) A2
- (21) PCT/US2004/028343
- (22) 1 Sep/sep 2004 (01.09.2004)
- (25) en (26) en
- (30) 60/499,503 2 Sep/sep 2003 US (02.09.2003)
- (30) 60/499,540 2 Sep/sep 2003 US (02.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SOUND ENCLOSURE FOR PORTABLE OXYGEN CONCENTRATORS

- ENCEINTE D'INSONORISATION POUR CONCENTRATEURS D'OXYGÈNE PORTABLE

- (71) AIRSEP CORPORATION [US/US]; 401 Creekside Drive, Buffalo, NY 14228-2085 (US).
- (72) MCCOMBS, Norman, R.; 109 Millwood Drive, Tonawanda, NY 14150 (US).
- (74) KAREKEN, Ronald, S.; Hiscock & Barclay, LLP, 2000 HSBC Plaza, Rochester, NY 14604-2404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> B01D

- (11) WO 2005/028060 (13) A2
- (21) PCT/US2004/030262
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 10/663,955 16 Sep/sep 2003 US (16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COATED CLOSURE FOR PERFORMING DIRECT VIAL SURFACE SORBENT MICROEXTRACTION
- FERMETURE REVETUE D'EXECUTION D'UNE MICRO-EXTRACTION DIRECTE PAR SORBANT DE SURFACE DE FLACON

- (71) VICI GIG HARBOR GROUP, INC. [US/US]; P.O.Box 2657, Gig Harbor, WA 98335 (US).  
(for all designated States except / pour tous les États désignés sauf US)

- (71, 72) WOHLER, Robert, H. [US/US]; P.O.Box 2657, Gig Harbor, WA 98335 (US). OKIRO, Martin [KE/US]; P.O.Box 2657, Gig Harbor, WA 98335 (US).

- (74) KEELING HUDSON, LLC; P.O.Box 70103, Houston, TX 77270 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> B01D

- (11) WO 2005/028061 (13) A2
- (21) PCT/US2004/030263
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 10/663,955 16 Sep/sep 2003 US (16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COATED CHROMATOGRAPH INJECTION PORT LINER FOR PERFORMING SURFACE SORBENT
- MANCHON REVETU D'ORIFICE D'INJECTION DE CHROMATOGRAPHE POUR L'EXECUTION D'UNE MICRO-EXTRACTION PAR SORBANT DE SURFACE

- (71) VICI GIG HARBOR GROUP, INC. [US/US]; P.O.Box 2657, Gig Harbor, WA 98335 (US).  
(for all designated States except / pour tous les États désignés sauf US)

- (71, 72) WOHLER, Robert, H. [US/US]; P.O.Box 2657, Gig Harbor, WA 98335 (US). OKIRO, Martin [KE/US]; P.O.Box 2657, Gig Harbor, WA 98335 (US).

- (74) KEELING HUDSON, LLC; P.O.Box 70103, Houston, TX 77270 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> B01D

- (11) WO 2005/028062 (13) A2
- (21) PCT/US2004/031487
- (22) 23 Sep/sep 2004 (23.09.2004)
- (25) en (26) en
- (30) 60/505,142 23 Sep/sep 2003 US (23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)

- (54) • METHOD AND APPARATUS FOR THE SEPARATION OF FLUORESCENCE AND ELASTIC SCATTERING PRODUCED BY BROADBAND ILLUMINATION USING POLARIZATION DISCRIMINATION TECHNIQUES

- PROCEDE ET APPAREIL DE SEPARATION DE DIFFUSION DE LUMIERE FLUORESCENTE ET ELASTIQUE PRODUITE PAR UN ECLAIRAGE A BANDE LARGE AU MOYEN DE TECHNIQUES DE DISCRIMINATION DE POLARISATION

- (71) RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK [US/US]; 555 West 57th Street, 11th Floor, New York, NY 10019 (US).  
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) AHMED, Samir, A. [US/US]; Apt. 21B, 345 East 81st Street, New York, NY 10028 (US). MOSHARY, Fereidun [US/US]; Apt. 16S, 1 Washington Square Village, New York, NY 10012 (US). GROSS, Barry, Michael [US/US]; Apt. 1522, 166 West 75th Street, New York, NY 10023 (US).

- (74) FEIT, Irving, N. et al. / etc.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 15/00, A62D 3/00

- (11) WO 2005/028063 (13) A1
- (21) PCT/US2004/029450
- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) en (26) en
- (30) 60/502,224 12 Sep/sep 2003 US (12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NANOPORE REACTIVE ADSORBENTS FOR THE HIGH-EFFICIENCY REMOVAL OF WASTE SPECIES
- ADSORBANTS REACTIFS NANOPOREUX POUR L'ELIMINATION A EFFICACITE ELEVEE D'ESPECES DE DECHETS

- (71) INDUSTRIAL SCIENCE & TECHNOLOGY NETWORK, INC. [US/US]; Suite 21, Cyber Center, 2101 Pennsylvania Avenue, York, PA 17404 (US).  
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) YANG, Arthur, J. [US/US]; Suite 21, Cyber Center, 2101 Pennsylvania Avenue, York, PA 17404 (US). DOMSZY, Roman [GB/US]; 311 Blossom Hill Drive, Lancaster, PA 17601 (US).

(74) **STEINBERG, Richard, A.**; Mayer Brown Rowe & Maw LLP, Intellectual Property Group, 1909 K Street, N.W., Washington, D.C. 20006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 15/08, G01N 30/60

(11) WO 2005/028064 (13) A1

(21) PCT/EP2004/010599

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 0322144.7 23 Sep/sep 2003 GB (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CHROMATOGRAPHY COLUMN DISTRIBUTION SYSTEM

• SYSTEME DE DISTRIBUTION DE COLONNE CHROMATOGRAPHIQUE

(71) **AMERSHAM BIOSCIENCES AB** [SE/SE]; Björkgatan 30, S-751 84 Uppsala (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEBAUER, Klaus** [DE/SE]; Amersham Biosciences AB, Björkgatan 30, S-751 84 Uppsala (SE).

(74) **FRANKS, Barry et al.** / etc.; Amersham plc, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B01D 17/04, C02F 1/30, B01J 19/12, C10G 33/02

(11) WO 2005/028065 (13) A2

(21) PCT/DE2004/002147

(22) 22 Sep/sep 2004 (22.09.2004)

(25) de (26) de

(30) 103 43 740.1 22 Sep/sep 2003 DE (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND PLANT FOR WORK UP OF AQUEOUS ORGANIC EMULSIONS  
• PROCEDE ET INSTALLATION POUR LE TRAITEMENT D'EMULSIONS ORGANIQUES AQUEUSES

(71) **INGENIEURBÜRO GEBR. SEYRICH GMBH** [DE/DE]; Albert-Niethammer-Str. 20, 01609 Gröditz (DE).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **THOM, Dieter** [DE/DE]; Meusslitzer Str. 135, 01259 Dresden (DE).

(72, 75) **SOMMER, Jan** [DE/DE]; Elbstrasse 61 a, 01665 Kleinzadel (DE). **SEYRICH, Andreas** [DE/DE]; Verlängerte Villastrasse 9, 01558 Grossenhain (DE). **FISCHER, Roland** [DE/DE]; Am Hofgrund 1, 01454 Radeberg (DE).

(74) **HOFMANN, Klaus**; Pätzelt-Seltmann-Hofmann, Ammonstrasse 72, 01067 Dresden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 19/00, 63/02

(11) WO 2005/028066 (13) A1

(21) PCT/EP2004/009430

(22) 24 Aug/août 2004 (24.08.2004)

(25) de (26) de

(30) 103 40 012.5 30 Aug/août 2003 DE (30.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE FOR SEPARATING GAS OR LIQUID FROM MICROFLUIDIC THROUGH-FLOW SYSTEMS

• DISPOSITIF POUR SEPARER UN GAZ OU UN LIQUIDE DE SYSTEMES D'ECOULEMENT MICROFLUIDIQUES

(71) **ROCHE DIAGNOSTICS GMBH** [DE/DE]; Sandhofer Strasse 116, 68305 Mannheim (DE).

(only for / seulement pour DE)

(71) **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

(for all designated States except / pour tous les États désignés sauf DE US)

(72, 75) **HARTTIG, Herbert** [DE/DE]; Dochnahlstrasse 14, 67434 Neustadt (DE). **KAMECKE, Ulrike** [DE/DE]; Tattersallstrasse 39, 68165 Mannheim (DE).

(74) **ROCHE DIAGNOSTICS GMBH**; c/o Dr. Wildschütz, Sabine, 68298 Mannheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> B01D 19/02

(11) WO 2005/028067 (13) A1

(21) PCT/EP2004/009329

(22) 20 Aug/août 2004 (20.08.2004)

(25) de (26) de

(30) A 1379/2003 3 Sep/sep 2003 AT (03.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE FOR SEPARATING A FOAM INTO A LIQUID AND A GASEOUS PORTION

• DISPOSITIF SERVANT A DECOMPOSER UNE MOUSSE EN UNE PARTIE LIQUIDE ET UNE PARTIE GAZEUSE

(71) **HEINRICH FRINGS GMBH & CO. KG** [DE/DE]; Jonas-Cahn-Strasse 9, 53115 Bonn (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EMDE, Frank** [DE/DE]; Kaiser Karl Ring 38A, 53111 Bonn (DE).

(74) **HÜBSCHER, Gerhard et al.** / etc.; Spittelwiese 7, A-4020 Linz (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B01D 21/00, 21/02

(11) WO 2005/028068 (13) A1

(21) PCT/US2004/030120

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 10/664,376 17 Sep/sep 2003 US  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPARATUS FOR SEPARATING  
FLOATING AND NON-FLOATING  
PARTICULATE FROM A FLUID  
STREAM

• DISPOSITIF PERMETTANT DE SEPARER  
DES PARTICULES FLOTTANTES  
ET NON FLOTTANTES D'UN ECOULEMENT  
DE FLUIDE

(71) VORTECHNICS, INC. [US/US]; 200 Enterprise Drive, Scarborough, ME 04074 (US).

(72) ALLEN II, Vaikko, P.; 23 Holly Street, Portland, ME 04103 (US). COBB, Daniel, P.; 784 Ocean Avenue, Portland, ME 04103 (US).

(74) CASEIRO, Chris, A.; Verrill & Dana, LLP, One Portland Square, Portland, ME 04101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> B01D 21/24, E04H 4/16

(11) WO 2005/028069 (13) A1

(21) PCT/AU2004/001282

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 2003905127 22 Sep/sep 2003 AU  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR  
COLLECTING AND/OR SEPARATING  
SOLIDS FROM LIQUIDS

• PROCEDE ET DISPOSITIF PERMETTANT  
DE RECUPERER ET/OU DE  
SEPARER DES SOLIDES CONTENUS  
DANS DES LIQUIDES

(71) ULTRA AQUATIC TECHNOLOGY  
PTY LTD [AU/AU]; PO BOX 1604,  
KINGSCLIFF, New South Wales 2487  
(AU).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) NIELSEN, Ian Bradley [AU/AU]; PO  
BOX 1604, KINGSCLIFF, New South Wales  
2487 (AU).

(74) GARDNER, John R G; Suite 398, 15 Albert Avenue, BROADBEACH, GOLD COAST, Queensland 4218 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B01D 25/12, 25/164

(11) WO 2005/028070 (13) A1

(21) PCT/IT2004/000517

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) FI2003A000247 25 Sep/sep 2003 IT  
(25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PLATES AND FRAMES FOR FILTER  
PRESSES WITH A HIGH DEHYDRATING  
CAPACITY ACHIEVED BY VOLUME  
VARIATIONS AND A FILTER  
PRESS MADE WITH SAID PLATES  
AND/OR SAID FRAMES

• PLAQUES ET CADRES POUR  
FILTRES-PRESSES A HAUTE CAPACITE  
DE DESHYDRATATION OBTENUE  
PAR VARIATIONS VOLUMIQUES  
ET FILTRE-PRESSE CONSTITUEE  
DES DITES PLAQUES ET/OU DESDITS  
CADRES

(71) GALIGANI FILTRI S.R.L. [IT/IT]; Strada Provinciale Colligiana, 50, I-53035 Monteriggioni, Siena (IT).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) DONZELLA, Fabio [IT/IT]; Gracciano S. Marziale 5-2, I-53034 Colle Val D'Elsa, Siena (IT). DONZELLA, Roberto [IT/IT]; Gracciano S. Marziale 5/P1-2, I-53034 Colle Val D'Elsa, Siena (IT).

(74) MANNUCCI, Michele et al. / etc.; Ufficio Tecn. Ing A. Mannucci S.R.L., Via Della Scala, 4, I-50123 Firenze (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> B01D 29/11, 29/46

(11) WO 2005/028071 (13) A1

(21) PCT/IL2004/000862

(22) 19 Sep/sep 2004 (19.09.2004)

(25) en (26) en

(30) 158052 22 Sep/sep 2003 IL  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • REVERSE FLOW SPIN-CLEANING  
LIQUID FILTERS

• FILTRES A LIQUIDE DE NETTOYAGE  
PAR CENTRIFUGATION EN CONTRE-  
COURANT

(71) ARKAL FILTRATION SYSTEMS C.S.  
LTD. [IL/IL]; Jordan Valey, 15135 Kibbutz  
Bei-Zera (IL).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BEN-HORIN, Raanan [IL/IL]; Jordan Valey, 15135 Kibbutz Beit-Zera (IL).

(74) FREIMANN, Daniel; Daniel Freimann & Co., 5 Droyanov Street, 63143 Tel-Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> B01D 29/54, 29/31

(11) WO 2005/028072 (13) A1

(21) PCT/US2004/030031

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 60/502,387 12 Sep/sep 2003 US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NON-COLLAPSIBLE DUAL FILTER  
ELEMENT

• ELEMENT FILTRE DOUBLE NON  
PLIABLE

(71) CUNO INCORPORATED [US/US]; 400  
Research Parkway, Meriden, CT 06450 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) PATEL, Mahesh, Z. [IN/US]; 36 Hacienda Circle, Plantsville, CT 06479 (US). HAMLIN, Thomas, J. [US/US]; 37 Eliot Drive, Vernon, CT 06066 (US). PULEK, John, L. [US/US]; 135 Charter Oak Drive, Cheshire, CT 06410 (US). O'HARA, Conor [US/US]; 122 Meadow Hills Drive, Guilford, CT 06437 (US).

(74) **PAYNE, Thomas, R.**; Cuno Incorporated, 400 Research Parkway, P.O. Box 1018, Meriden, CT 06450-1018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B01D 35/027

(11) WO 2005/028073 (13) A1

(21) PCT/EP2004/008123

(22) 21 Jul/juil 2004 (21.07.2004)

(25) de (26) de

(30) 103 40 262.4 29 Aug/août 2003 DE (29.08.2003)

(30) 10 2004 025 285.8 19 May/mai 2004 DE (19.05.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FILTER CARTRIDGE  
• CARTOUCHE FILTRANTE

(71) **AQUIS WASSER-LUFT-SYSTEME GMBH, LINDAU** [CH/CH]; Zweigniederlassung Rebstein, Balgacherstrasse 17, CH-9445 Rebstein (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAWRLA, Andreas** [CH/CH]; Augiessenweg 7, CH-9443 Widnau (CH).  
**SCHROTT, Harald** [DE/DE]; Oeschländlerweg 1, 88131 Lindau (DE).

(74) **ROTH, Klaus et al.** / etc.; Karlstrasse 8, 88212 Ravensburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 35/28, 35/04, E03C 1/26, 1/262

(11) WO 2005/028074 (13) A1

(21) PCT/SG2003/000229

(22) 24 Sep/sep 2003 (24.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CMP SLURRY STRAINER

• TAMIS POUR SUSPENSION DE POLISSAGE MECANICO-CHEMIQUE

(71) **SYSTEMS ON SILICON MANUFACTURING CO. PTE. LTD.** [SG/SG]; 70, Pasir Ris Drive 1, 519527 Singapore (SG).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOH, Meng Fei**, [MY/SG]; c/o Systems on Silicon Manufacturing Co. Pte. Ltd., 70, Pasir Ris Drive 1, 519527 Singapore (SG).  
**POH, Choon Siong**, [SG/SG]; c/o Systems on Silicon Manufacturing Co. Pte. Ltd., 70, Pasir Ris Drive 1, 519527 Singapore (SG).  
**LEONG, Theng Wei**, [SG/SG]; c/o Systems on Silicon Manufacturing Co. Pte. Ltd., 70, Pasir Ris Drive 1, 519527 Singapore (SG).

(74) **ELLA CHEONG SPRUSON & FERGUSON (SINGAPORE) PTE LTD**; P.O. Box 1531, Robinson Road Post Office, 903031 Singapore (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(u) for / pour US only / seulement

(51)<sup>7</sup> B01D 35/30, F01M 11/03

(11) WO 2005/028075 (13) A1

(21) PCT/US2004/030193

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/662,593 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FILTER CAP HAVING A GRIPPING SURFACE  
• BOUCHON DE FILTRE A SURFACE DE PRISE

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; Law Department Patent Services, 101 Columbia Road, Morristown, NJ 07962 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZULAUF, Gary, B.** [US/US]; 1806 Lakeland Drive, Findlay, OH 45840 (US).  
**LYNCH, Michael, S.** [US/US]; 5144 North Township Road 47, Fostoria, OH 44830 (US).  
**SHAW, Russel** [ZA/ZA]; 10 Dennis Road, Hayfields, Pietermaritzburg (ZA).  
**NAIDOO, Ravindra, Balachandran** [ZA/ZA]; 88 Rosedal Road, Moutain Rise, Pietermaritzburg (ZA).

(74) **HONEYWELL INTERNATIONAL INC.** Attn: Patent Services; Law Department Patent Services, 101 Columbia Road, Morristown, NJ 07962 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 39/00

(11) WO 2005/028076 (13) A1

(21) PCT/GB2004/004023

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 0322166.0 22 Sep/sep 2003 GB (22.09.2003)

(30) 0322659.4 26 Sep/sep 2003 GB (26.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SUPPORT PANEL  
• PANNEAU DE SUPPORT

(71) **ABERDEEN UNIVERSITY** [GB/GB]; Research and Innovation, University Office, Kings College, Aberdeen AB24 3FX (GB).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IMBABI, Mohammed, Salah-Eldin** [GB/GB]; The University of Aberdeen, School of Engineering & Physical Sciences, King's College, Aberdeen AB24 3UE (GB).

(74) **SUER, Steven, Johannes et al.** / etc.; Ablett & Stebbing, Caparo House, 101-103 Baker Street, London W1U 6FQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B01D 45/08, C25B 9/06, H01M 8/04, 2/14

(11) WO 2005/028077 (13) A1

(21) PCT/CA2004/001705

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,226 22 Sep/sep 2003 US  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SEPARATOR FOR REMOVING LIQUID FROM FLUID

- SEPARATEUR PERMETTANT D'EXTRAIRE UN LIQUIDE D'UN FLUIDE

(71) HYDROGENICS CORPORATION [CA/CA]; 5985 McLaughlin Road, Mississauga, Ontario L5R 1B8 (CA).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) RUSTA-SALLEHY, Ali [CA/US]; 5601 Seminary Road, #1315, Falls Church, VA 22041 (US). YE, Jianming [CA/CA]; 45 Battleford Avenue, Woodbridge, Ontario L4H 2L9 (CA). TYSOE, Brian [CA/CA]; 3 Roe Avenue, Toronto, Ontario M2M 2H6 (CA).

(74) BERESKIN &amp; PARR; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B01D 46/00, 46/10

(11) WO 2005/028078 (13) A2

(21) PCT/US2004/030264

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,326 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • OPERATING ROOM SMOKE EVACUATOR WITH INTEGRATED VACUUM MOTOR AND FILTER

- EVACUATEUR DE FUMÉE DE SALLE D'OPERATION A MOTEUR A VIDE ET FILTRES INTEGRÉS

(71, 72) PALMERTON, Christopher, A. [US/US]; 9305 Hunting Valley Road South, Clarence, NY 14031 (US). PALMERTON, Daniel [US/US]; 153 Bucyrus Drive, Amherst, NY 14228 (US). DEAN, Robert, O. [US/US]; 83 Devonshire Road, Tonawanda, NY 14223 (US). KAJDAS, Jay, T [US/US]; 83 Schimwood Court, Getzville, NY 14068 (US). MOEHLAU, Earnest, R.

[US/US]; 4000 Main Street, Amherst, NY 14226 (US).

(74) LOHRMAN, Richard, C; Simpson &amp; Simpson, PLLC, 5555 Main Street, Williamsville, NY 14221-5406 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 53/02, F04B 39/16, B01D 46/00

(11) WO 2005/028079 (13) A1

(21) PCT/FR2003/002736

(22) 17 Sep/sep 2003 (17.09.2003)

(25) fr (26) fr

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CASCADING FILTRATION SYSTEM HAVING AN INTEGRATED EXTRACTION PUMP WITH AN ABSORPTION CHAMBER

- SYSTEME DE FILTRATION EN CASCADE AVEC POMPE D'EXTRACTION INTEGREE AVEC CHAMBRE D'ABSORPTION

(71, 72) GONTHIER, Joël [FR/FR]; La Jarthe, les Piles, F-24750 Cornille (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 53/14, 61/38, 53/22

(11) WO 2005/028080 (13) A1

(21) PCT/EP2004/007866

(22) 15 Jul/juil 2004 (15.07.2004)

(25) de (26) de

(30) 103 38 563.0 22 Aug/août 2003 DE  
(22.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR DEACIDIFYING A FLUID STREAM BY MEANS OF MEMBRANE UNITS COMPRISED OF INERT HOUSINGS

- PROCEDE POUR DESACIDIFIER UN ECOULEMENT FLUIDIQUE AU

MOYEN D'UNITES MEMBRANES DO-TEES D'ENVELOPPES INERTES

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MECKEL, Stefan [DE/DE]; Burgstr. 9b, 67157 Wachenheim (DE). ASPRION, Norbert [DE/DE]; Schwarzwaldstr. 25, 68163 Mannheim (DE).

(74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 53/32, B01J 19/08

(11) WO 2005/028081 (13) A1

(21) PCT/EP2004/010535

(22) 20 Sep/sep 2004 (20.09.2004)

(25) de (26) de

(30) 103 44 489.0 24 Sep/sep 2003 DE  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE AND METHOD FOR THE PLASMA-ASSISTED PURIFICATION OF EXHAUST GAS AND TREATMENT OF EXHAUST AIR

- DISPOSITIF ET PROCEDE D'EPURATION DE GAZ D'ECHAPPEMENT ET DE TRAITEMENT D'AIR EVACUE AU PLASMA

(71) INSTITUT FÜR NIEDERTEMPERATUR- PLASMAPHYSIK E.V. [DE/DE]; Friedrich-Ludwig-Jahn-Str. 19, 17489 Greifswald (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) GRUNDMANN, Jens [DE/DE]; Viktoriaallee 23, 16547 Birkenwerder (DE). MÜLLER, Siegfried [DE/DE]; Wolgaster Landstr. 41a, 17493 Greifswald (DE). RE-ICH, Wolfgang [DE/DE]; Knopfstrasse 27, 17489 Greifswald (DE). ZAHN, Rolf-Jürgen [DE/DE]; Wittower Weg 8, 17493 Greifswald (DE).

(74) GARRELS, Sabine; Schnick &amp; Garrels, Schonenfaherstr. 7, 18057 Rostock (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.



(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> B01D 53/34

(11) WO 2005/028082 (13) A1

(21) PCT/CN2004/000964

(22) 19 Aug/août 2004 (19.08.2004)

(25) zh (26) zh

(30) 03125332.6 26 Aug/août 2003 CN (26.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A DRY FLUE GAS CLEANING PROCESS AND ITS SYSTEM FOR SIMULTANEOUSLY DESULFURIZATION AND DENITRATING

• PROCEDE DE NETTOYAGE A SEC DE GAZ DE COMBUSTION ET SYSTEME CORRESPONDANT POUR LES OPERATIONS SIMULTANEEES DE DESULFURATION ET DE DENITRURATION

(71) WUHAN KAI DI ELECTRIC POWER CO., LTD. [CN/CN]; Kaidi Mansion, T1 Jiangxia Avenue, Eastlake newtech development zone, Wuhan, Hubei 430223 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZHANG, Ze [CN/CN]; Kaidi Mansion, T1 Jiangxia Avenue, Eastlake newtech development zone, Wuhan, Hubei 430223 (CN). ZHANG, Jie [CN/CN]; Kaidi Mansion, T1 Jiangxia Avenue, Eastlake newtech development zone, Wuhan, Hubei 430223 (CN). LIN, Chong [CN/CN]; Kaidi Mansion, T1 Jiangxia Avenue, Eastlake newtech development zone, Wuhan, Hubei 430223 (CN). LI, Xionghao [CN/CN]; Kaidi Mansion, T1 Jiangxia Avenue, Eastlake newtech development zone, Wuhan, Hubei 430223 (CN).

HU, Yongfeng [CN/CN]; Kaidi Mansion, T1 Jiangxia Avenue, Eastlake newtech development zone, Wuhan, Hubei 430223 (CN).

(74) WUHAN KAIYUAN PATENT AGENT LTD.; N° 1757-1, Jiefang Avenue, Wuhan, Hubei 430016 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/JP2004/009596

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(25) ja (26) ja

(30) 2003-325498 18 Sep/sep 2003 JP (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NOVEL DESULFURIZING AGENT FOR DRY DESULFURIZATION PROCESS  
• NOUVEL AGENT DE DESULFURATION POUR PROCEDE PAR VOIE SECHE

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SADAKATA, Masayoshi [JP/JP]; 2-31-24, Kouenji-minami, Suginami-ku, Tokyo 166-0003 (JP). NISHIOKA, Masateru [JP/JP]; 4-2-1, Nigatake, Miyagino-ku, Sendai-shi, Miyagi 983-0036 (JP). MATSUSHIMA, Norihiko [JP/JP]; Kyosera Keiai-ryou, 1166-6, Hebimizoo-cho, Yokaichi-shi, Shiga 527-0073 (JP). NAKAJIMA, Daichi [JP/JP]; 1-15-9, Mukougaoaka, Bunkyo-ku, Tokyo 113-0023 (JP).

(74) MIYAMOTO, Harumi; Hougaku Bldg. 7F, 19-14, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 53/85

(11) WO 2005/028084 (13) A1

(21) PCT/IT2003/000570

(22) 25 Sep/sep 2003 (25.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS AND PLANT FOR THE PURIFICATION OF HIGH-TEMPERATURE GASEOUS FLOWS

• PROCEDE ET INSTALLATION PERMETTANT LA PURIFICATION DE FLUX GAZEUX A HAUTE TEMPERATURE

(71) SIA SOCIETÀ INDUSTRIA AGGLOMERATI SRL [IT/IT]; Viale Lombardia 29, I-46019 Viadana (Mantova) (IT).  
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) FERRANTI MASSIMO, Maria [IT/IT]; Via Calcinaia 63, I-00139 Roma (IT).

(72, 75) BONELLI, Marzio [IT/IT]; Via Villa del Veneziano 44, I-46019 Viadana (Mantova) (IT). RIZZI, Giuseppe [IT/IT]; Vicolo Perrino 27, I-46019 Viadana (Mantova) (IT).

(74) DRAGOTTI, Gianfranco et al. / etc.; c/o Dragotti & Associati Srl, Galleria San Babila, 4/C, I-20122 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B01D 65/02

(11) WO 2005/028085 (13) A1

(21) PCT/AU2004/001251

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 2003905139 19 Sep/sep 2003 AU (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMPROVED METHODS OF CLEANING MEMBRANE MODULES

• PROCEDES AMELIORES DE NETTOYAGE DE MODULES MEMBRANAIRES

(71) U.S. FILTER WASTEWATER GROUP, INC. [US/US]; 181 Thorn Hill Road, Warrendale, PA 15086 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZHA, Fufang** [AU/AU]; 15A Grand Avenue, West Ryde, NSW 2114 (AU). **LAZAREDES, Huw, Alexander** [AU/AU]; 3/26 William Street, North Richmond, NSW 2754 (AU). **CAO, Zhiyi** [AU/AU]; 3/59 Frances Street, Lidcombe, NSW 2141 (AU).

(74) **SHELSTON IP**; 60 Margaret Street, Sydney, NSW 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B01D 65/02

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(21) PCT/AU2004/001292

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 2003905174 22 Sep/sep 2003 AU (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BACKWASH AND CLEANING METHOD

• PROCEDE DE NETTOYAGE ET DE LAVAGE A CONTRE-COURANT

(71) **U.S. FILTER WASTEWATER GROUP, INC.** [US/US]; 181 Thorn Hill Road, Warrendale, PA 15086 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JOHNSON, Warren, Thomas** [AU/AU]; 125 Grose Vale Road, Grose Vale, NSW 2753 (AU).

(74) **SHELSTON IP**; 60 Margaret Street, Sydney, NSW 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B01D 65/08, 63/00, 61/20

(11) WO 2005/028087 (13) A1

(21) PCT/EP2004/010099

(22) 10 Sep/sep 2004 (10.09.2004)

(25) de (26) de

(30) 103 42 434.2 13 Sep/sep 2003 DE (13.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FILTRATION MODULE COMPRISING MEMBRANE FILTER ELEMENTS

• MODULE DE FILTRATION AVEC ELEMENTS FILTRANTS MEMBRANAIRES

(71, 72) **FEUERPEIL, Hans-Peter** [DE/DE]; Erfurter Strasse 6, 73529 Schwäbisch Gmünd (DE). **BLAESE, Dieter** [DE/DE]; Hauptstrasse 41, 73540 Heubach (DE). **OLAPINSKI, Hans** [DE/DE]; Steinäcker 40, 73773 Aichwald (DE). **GANSAEUER, Herbert** [DE/DE]; Marienwerderstrasse 11, 41516 Grevenbroich (DE).

(74) **WEITZEL & PARTNER**; Friedenstrasse 10, 89522 Heidenheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/663,585 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TREATMENT OF SEMI-PERMEABLE FILTRATION MEMBRANES

• TRAITEMENT DE MEMBRANES DE FILTRATION SEMI-PERMEABLES

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HENDEL, Robert, A.** [US/US]; 1031 Hickory Ridge Drive, Chalfont, PA 18914 (US). **LOVETT, Jean, M.** [US/US]; 743 Montgomery Road, Hillsborough, NJ 08844 (US).

(74) **WINTER, Catherine, J. et al.** / etc.; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> B01D 71/68, 71/62, 71/82, 71/76, 71/66, 71/58, 71/52, 71/72, 71/06, 71/00

(11) WO 2005/028089 (13) A1

(21) PCT/CN2004/001083

(22) 23 Sep/sep 2004 (23.09.2004)

(25) zh (26) zh

(30) 03284456.5 23 Sep/sep 2003 CN (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A DECHLORINATION WATER FILTER  
• FILTRE A EAU DE DECHLORATION

(71, 72) **HUANG, Pinmei** [CN/CN]; Room 316, No. 2, Jiao, South China University of Technology Guangzhou, Guangdong 510641 (CN).

(74) **GUANGZHOU YUEGAO PATENT AGENT LIMITED CORPORATION**; Room A, B, C, 5/F, Dangxiao Building, No. 3 Jianshe Road, Guangzhou, Guangdong 510060 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B01F

(11) WO 2005/028090 (13) A2

(21) PCT/IB2004/003027

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/503,921 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DELINTING OF COTTON SEED

• DELINTAGE DE GRAINES DE COTON

(71, 72) LIGHTENING, Douglas, Stanley [ZA/ZA]; 10 Divot Street, Westdene, 1501 Benoni (ZA). KOK, Chris [ZA/ZA]; 34 Villa Med, 12 Dolphin Crescent, 4420 Ballito (ZA). KOK, Christoffel, Johannes [ZA/ZA]; 2 Cecelia Close, 4420 Ballito (ZA).

(74) DONALD, Heather, June et al. / etc.; Spoor & Fisher, Block A, Rochester Place, PO Box 41312, Craighall, 2024 Gauteng (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01F 3/04, C02F 7/00

(11) WO 2005/028091 (13) A1

(21) PCT/NZ2004/000218

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 528434 24 Sep/sep 2003 NZ (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMPROVED AERATOR AND MIXER

• AERATEUR ET MELANGEUR AMELIORES

(71) HENLEY INDUSTRIES LIMITED [NZ/NZ]; C/O Tait Ward Adams, 65 Don Street, Invercargill (NZ).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HENLEY, Bruce, Hyndman [NZ/NZ]; 120 Gladstone Terrace, Invercargill (NZ).

(74) BUCHANAN, Elspeth, Victoria; P.L. Berry & Associates, P.O. Box 1250, Christchurch (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B01F 5/04, 15/04, 3/18, B29B 7/00

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(22) 7 Sep/sep 2004 (07.09.2004)

(25) en (26) en

(30) 10/664,727 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FLEXIBLE MANUFACTURE OF PET

• FABRICATION FLEXIBLE DE PET

(71) EASTMAN CHEMICAL COMPANY [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).

(72) MONCADA ANDRES, Juan, Antonio; 15970 SW 77 Court, Miami, FL 33157 (US). MURDAUGH, Perry, Michael; 519 Rose Sharon Dr., Lexington, SC 29072 (US). CARTER, Jason, Oliver; 520 Aspen Glad Court, Lexington, SC 29072 (US).

(74) CARRIER, Michael, K.; P.O. Box 511, Kingsport, TN 37662-5075 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 20 Aug/août 2004 (20.08.2004)

(25) de (26) de

(30) 103 40 024.9 28 Aug/août 2003 DE (28.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE FOR ADDING AT LEAST ONE GAS TO A LIQUID

• DISPOSITIF POUR ENRICHIR UN LIQUIDE A L'AIDE D'AU MOINS UN GAZ

(71, 72) FUNK, Thomas [DE/DE]; Berghausweg 6, 79261 Gutach-Siegelau (DE).

(74) MAUCHER, Wolfgang et al. / etc.; Dreikönigstrasse 13, 79102 Freiburg i.Br. (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01J 13/00, C09K 11/08, C01B 25/26, C09K 11/02

(11) WO 2005/028094 (13) A1

(21) PCT/FR2004/002340

(22) 15 Sep/sep 2004 (15.09.2004)

(25) fr (26) fr

(30) 0310968 18 Sep/sep 2003 FR (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RARE-EARTH PHOSPHATE COLLOIDAL DISPERSION, METHOD FOR THE PRODUCTION THEREOF AND A TRANSPARENT LUMINESCENT MATERIAL OBTAINABLE FROM SAID DISPERSION

• DISPERSION COLLOÏDALE D'UN PHOSPHATE DE TERRE RARE, SON PROCÉDE DE PREPARATION ET MATERIAU TRANSPARENT LUMINESCENT OBTENU A PARTIR DE CETTE DISPERSION

(71) RHODIA ELECTRONICS AND CATALYSIS [FR/FR]; Z.I. - 26, rue Chef de Baie, F-17041 La Rochelle (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel Ange, F-75794 Paris Cedex 16 (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOILOT, Jean-Pierre [FR/FR]; 20, avenue du Maréchal de Lattre, de Tassigny, F-92360 Meudon La Forêt (FR). BUISSETTE, Valérie [FR/FR]; 2, allée Léon Gambetta, F-92110 Clichy (FR). CHANE-CHING, Jean-Yves [FR/FR]; 15, rue Suzanne, F-95600 Eaubonne (FR). GACOIN, Thierry [FR/FR]; 4, rue de Gometz, F-91440 Bures-sur-Yvette (FR). LE MERCIER, Thierry [FR/FR]; 8, rue Fagon, F-75013 Paris (FR).

(74) DUBRUC, Philippe?; Rhodia Services, Direction de la Propriété Industrielle, 40, rue de la Haie-Coq, F-93306 Aubervilliers (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) de (26) de

(30) 103 41 500.9 5 Sep/sep 2003 DE (05.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • MICROPHOTOREACTOR FOR CARRYING OUT PHOTOCHEMICAL REACTIONS

• MICROPHOTOREACTEUR PERMETTANT DE METTRE EN OEUVRE DES REACTIONS PHOTOCHEMIQUES

- (71) EHRFELD MIKROTECHNIK AG [DE/DE]; Mikroforum Ring 1, 55234 Wendelsheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) EHRFELD, Wolfgang [DE/DE]; Kehlweg 22, 55124 Mainz (DE). SCHAEEL, Frank [DE/DE]; Landwehrstrasse 5, 64293 Darmstadt (DE).

- (74) ISENBRÜCK, Günter; Isenbruck, Bösl, Hörschler, Wichmann, Huhn Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/US2004/030084

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/502,922 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • MICROFLUIDICS DEVICES AND METHODS FOR PERFORMING CELL BASED ASSAYS

• DISPOSITIFS MICROFLUIDIQUES ET METHODES DE REALISATION D'ANALYSE A PARTIR DE CELLULES

- (71) TECAN TRADING AG [CH/CH]; Seestrasse 103, CH-8708 Männedorf (CH).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) SCHMID, Noa [US/US]; 200 Boston Avenue, Medford, MA 02155 (US). BANSAL, Praveen [IN/US]; 200 Cove Way, #1010, Quincy, MA 02169 (US). KELLOGG, Gregory [US/US]; 131 Magazine Street #4, Cambridge, MA 02139 (US).

- (74) NOONAN, Kevin, E.; McDonnell Bochen Hulbert & Berghoff LLP, Suite 3100, 300 South Wacker Drive, Chicago, IL 60606 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01J 19/18, C08F 2/01

(11) WO 2005/028097 (13) A1

(21) PCT/EP2004/010375

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 103 44 500.5 24 Sep/sep 2003 DE (24.09.2003)

(30) 60/529,037 12 Dec/déc 2003 US (12.12.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • LOOP REACTOR WITH VARYING DIAMETER FOR OLEFIN POLYMERIZATION

• REACTEUR BOUCLE A DIAMETRE VARIABLE DESTINE A UNE POLYMERISATION OLEFINIQUE

- (71) BASELL POLYOLEFINE GMBH [DE/DE]; Brühler Strasse 60, D-50389 Wesseling (DE).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MIHAN, Shahram [IR/DE]; Am Eichwald 18, D-65812 Bad Soden (DE). GSELLA, Wolfgang [DE/DE]; Bergstr. 34, D-50999 Köln (DE). KÖLLE, Peter [DE/DE]; Kirschblütenweg 7, D-50996 Köln-Rodenkirchen (DE). WULFF-DÖRING, Joachim [DE/DE]; Hanns-Fey-Str. 4, D-67227 Frankenthal (DE).

- (74) BASELL POLYOLEFINE GMBH; Intellectual Property - F 206, Carl-Bosch-Str. 38, D-67056 Ludwigshafen (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(u) for / pour US only / seulement

(51)<sup>7</sup> B01J 19/18, C08F 2/01

(11) WO 2005/028098 (13) A1

(21) PCT/EP2004/010376

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 10344501.3 24 Sep/sep 2003 DE (24.09.2003)

(30) 60/532,411 16 Dec/déc 2003 US (16.12.2003)

(30) 10361156.8 22 Dec/déc 2003 DE (22.12.2003)

(30) 60/543,359 10 Feb/fév 2004 US (10.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • LOOP REACTOR WITH VARYING DIAMETER FOR OLEFIN POLYMERIZATION

• REACTEUR A BOUCLE AVEC DIAMETRE VARIABLE POUR POLYMERISATION D'OLEFINE

- (71) BASELL POLYOLEFINE GMBH [DE/DE]; Brühler Strasse 60, D-50389 Wesseling (DE).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MIHAN, Shahram [IR/DE]; Am Eichwald 18, 65812 Bad Soden (DE). GSELLA, Wolfgang [DE/DE]; Bergstr. 34, 50999 Köln (DE). KÖLLE, Peter [DE/DE]; Kirschblütenweg 7, 50996 Köln-Rodenkirchen (DE). WULFF-DÖRING, Joachim [DE/DE]; Hanns-Fay-Str. 4, 67227 Frankenthal (DE). MEIERHÖFFER, Markus [DE/DE]; Mühlenhof 24, 50354 Hürth (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(u) for / pour US only / seulement

(51)<sup>7</sup> B01J 19/32, F28F 25/08, 25/02

(11) WO 2005/028099 (13) A1

(21) PCT/JP2003/011799

(22) 17 Sep/sep 2003 (17.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • REACTOR WITH PACKING MEAN

- REACTEUR A MOYEN D'EMBALLAGE

(71, 72) NAGAOKA, Tadayoshi [JP/JP]; 573-2, Oaza Ureshi, Tondabayashi-shi, Osaka 584-0056 (JP).

(74) SAKAMOTO, Tohru et al. / etc.; Sakamoto Harada Tokkyo Jimusho, Doho Building, 18-6, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01J 20/20, B01D 46/30, A24D 3/16

(11) WO 2005/028100 (13) A1

(21) PCT/JP2004/013356

(22) 14 Sep/sep 2004 (14.09.2004)

(25) ja (26) ja

(30) 2003-327260 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AIR PURIFYING MEMBER AND FILTER USING CARBON NANOHORN

- ELEMENT PURIFICATEUR D'AIR ET FILTRE UTILISANT UN NANOCORNET

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) AZAMI, Takeshi [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). YOSHITAKE, Tsutomu [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). KUBO, Yoshimi [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). IJIMA, Sumio [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). ISHIDA, Ichirou [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). KASUYA, Daisuke [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

(74) HAYAMI, Shinji; Daikanyama TK Bldg. 1F, 2-17-16, Ebisu-Nishi, Shibuya-ku, Tokyo 150-0021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01J 21/08, C07D 301/19, 303/04

(11) WO 2005/028101 (13) A1

(21) PCT/JP2004/013584

(22) 10 Sep/sep 2004 (10.09.2004)

(25) ja (26) ja

(30) 2003-325737 18 Sep/sep 2003 JP (18.09.2003)

(30) 2003-325736 18 Sep/sep 2003 JP (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS FOR PRODUCTION OF TITANIUM-CONTAINING SILICON OXIDE CATALYSTS, SUCH CATALYSTS, AND PROCESS FOR PRODUCTION OF OXIRANES WITH THE SAME

- PROCEDE DE PRODUCTION DE CATALYSEURS D'OXYDE DE SILICIUM CONTENANT DU TITANE, CATALYSEURS AINSI OBTENUS ET PROCEDE DE PRODUCTION D'OXIRANES A L'AIDE DE TELS CATALYSEURS

(71) SUMITOMO CHEMICAL COMPANY, LIMITED [JP/JP]; 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-8260 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAMOTO, Jun [JP/JP]; 98-4405, Daijuku, Sodegaura-shi, Chiba 2990241 (JP).

(74) ENOMOTO, Masayuki et al. / etc.; c/o Sumitomo Chemical Intellectual Property, service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5418550 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01J 23/92, B01D 53/94, B01J 38/60, 38/66, 38/68

(11) WO 2005/028102 (13) A1

(21) PCT/JP2004/014131

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-325665 18 Sep/sep 2003 JP (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF REGENERATING THERMALLY DETERIORATED CATALYST

- PROCEDE DE REGENERATION D'UN CATALYSEUR THERMIQUEMENT DETERIORE

(71) HITACHI ZOSEN CORPORATION [JP/JP]; 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka, 5598559 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUKUJU, Atsushi [JP/JP]; c/o HITACHI ZOSEN CORPORATION, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka, 5598559 (JP). ICHIKI, Masayoshi [JP/JP]; c/o HITACHI ZOSEN CORPORATION, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka, 5598559 (JP). YANO, Kazuhiro [JP/JP]; c/o HITACHI ZOSEN CORPORATION, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka, 5598559 (JP).

(74) HIBI, Norihiko et al. / etc.; c/o KISHIMOTO &amp; CO., 3rd Floor, Inaba Building, 13-18, Nishishinsaibashi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5420086 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01J 23/92, B01D 53/94, B01J 38/60, 38/66, 38/68

(11) WO 2005/028103 (13) A1

(21) PCT/JP2004/014133

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-325676 18 Sep/sep 2003 JP (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF REGENERATING DETERIORATED CATALYST

- PROCEDE DE REGENERATION D'UN CATALYSEUR DETERIORE

(71) HITACHI ZOSEN CORPORATION [JP/JP]; 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka, 5598559 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUMOTO, Nobuo [JP/JP]; c/o HITACHI ZOSEN CORPORATION, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka, 5598559 (JP). KODAMA, Tetsuo [JP/JP]; c/o HITACHI ZOSEN CORPORATION, 7-89, Nanko-kita 1-chome,

- Suminoe-ku, Osaka-shi, Osaka, 5598559 (JP). FUKUJU, Atsushi [JP/JP]; c/o HITACHI ZOSSEN CORPORATION, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka, 5598559 (JP). ICHIKI, Masayoshi [JP/JP]; c/o HITACHI ZOSSEN CORPORATION, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka, 5598559 (JP). YANO, Kazuhiro [JP/JP]; c/o HITACHI ZOSSEN CORPORATION, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka, 5598559 (JP).
- (74) HIBI, Norihiko et al. / etc.; c/o KISHIMOTO & CO., 3rd Floor, Inaba Building, 13-18, Nishishinsaibashi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5420086 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B01J 29/04
- (11) WO 2005/028104 (13) A1
- (21) PCT/KR2004/002174
- (22) 30 Aug/août 2004 (30.08.2004)
- (25) en (26) en
- (30) 10-2003-0065380 20 Sep/sep 2003 KR (20.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CATALYST FOR DIMETHYL ETHER SYNTHESIS AND ITS PREPARATION METHODS
- CATALYSEUR PERMETTANT DE SYNTHETISER LE DIMETHYLETHER ET PROCEDES DE PREPARATION CORRESPONDANTS
- (71) KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY [KR/KR]; 100 Jang-dong, Yuseong-gu, Daejeon 305-343 (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JUN, Ki-Won [KR/KR]; 305-1602 Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-333 (KR). ROH, Hyun-Seog [KR/KR]; 103-404 Dure Apt., Sinseong-dong, Yuseong-gu, Daejeon 305-345 (KR). KIM, Jae-Woo [KR/KR]; 279 Geumam-li, Songsan-myeon, Dangjin-gun, Chungcheongnam-do 343-832 (KR). OH, Jeon, Keun [KR/KR]; 305-801 Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-761 (KR). BANG, Jin Hwan [KR/KR]; 504 Hanmaru Apt., Dunsan-dong, Seo-gu, Daejeon 302-773 (KR).
- (74) PAIK, Nam-Hoon; 14th Fl., KTB Network Bldg., 826-14 Yeoksam-dong, Kangnam-ku, Seoul 135-769 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B01J 29/68
- (11) WO 2005/028105 (13) A1
- (21) PCT/JP2003/011830
- (22) 17 Sep/sep 2003 (17.09.2003)
- (25) ja (26) ja
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CATALYST FOR AROMATIZING LOWER HYDROCARBON AND METHOD FOR PREPARATION THEREOF, AND METHOD FOR PRODUCING AROMATIC COMPOUND AND HYDROGEN
- CATALYSEUR POUR AROMATISER DES HYDROCARBURES INFÉRIEURS ET PROCEDE DE PREPARATION ASSOCIÉ, ET PROCEDE POUR PRODUIRE UN COMPOSE AROMATIQUE ET DE L'HYDROGENE
- (71) KABUSHIKI KAISHA MEIDENSHA [JP/JP]; 1-17, Osaki 2-chome, Shinagawa-ku, Tokyo 141-0032 (JP). THE JAPAN STEEL WORKS, LTD. [JP/JP]; 1-2, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-0006 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) ICHIKAWA, Masaru [JP/JP]; 4-22-22, Hachiken 3-jo nishi 4-chome, Nishi-ku, Sapporo-shi, Hokkaido 063-0843 (JP).
- (72, 75) KOJIMA, Ryoichi [JP/JP]; Rejidensu Eemanoru #705, 21-522, Kita 17-jo nishi 3-chome, Kita-ku, Sapporo-shi, Hokkaido 001-0017 (JP). ITO, Hideaki [JP/JP]; c/o THE JAPAN STEEL WORKS, LTD., 4, Chatsu-cho, Muroran-shi, Hokkaido 051-0006 (JP). NAKAMURA, Satoru [JP/JP]; c/o THE JAPAN STEEL WORKS, LTD., 4, Chatsu-cho, Muroran-shi, Hokkaido 051-0006 (JP). KURAMOTO, Masamichi [JP/JP]; c/o KABUSHIKI KAISHA MEIDENSHA, 1-17, Osaki 2-chome, Shinagawa-ku, Tokyo 141-0032 (JP). OGAWA, Yuji [JP/JP]; c/o KABUSHIKI KAISHA MEIDENSHA, 1-17, Osaki 2-chome, Shinagawa-ku, Tokyo 141-0032 (JP). MIZOBUCHI, Yasuyuki [JP/JP]; c/o KABUSHIKI KAISHA MEIDENSHA, 1-17, Osaki 2-chome, Shinagawa-ku, Tokyo 141-0032 (JP).
- (74) SHIGA, Fujiya et al. / etc.; c/o Shiga Patent Office, Ekisaikai Bldg., 1-29, Akashi-cho, Chuo-ku, Tokyo 104-0044 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B01J 37/02, 23/883, 27/185
- (11) WO 2005/028106 (13) A1
- (21) PCT/US2004/030011
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 60/503,733 17 Sep/sep 2003 US (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESS AND CATALYST FOR THE HYDROCONVERSION OF A HEAVY HYDROCARBON FEEDSTOCK
- PROCEDE ET CATALYSEUR PERMETTANT D'HYDROCONVERTIR UNE CHARGE D'HYDROCARBURES LOURDS
- (71) SHELL OIL COMPANY [US/US]; One Shell Plaza, P.O. BOX 2463, Houston, Texas 77252-2463 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ACKERMAN, Russell, Craig [US/US]; 3502 Kingston Vale, Houston, TX 77082 (US). GINESTRA, Josiane, Marie-Rose [US/US]; 5207 Mimosa Lane, Richmond, TX 77469 (US). MICHEL, Christian, Gabriel [US/US]; 15 Edgewood Road, Ossining, NY 10562 (US).
- (74) STEWART, Charles, W.; Shell Oil Company, One Shell Plaza, P.O. Box 2463, Houston, TX 77252-2463 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> B01J 38/00, C07C 39/26
- (11) WO 2005/028107 (13) A1
- (21) PCT/US2004/030304
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 10/664,093 17 Sep/sep 2003 US (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR PREPARATION OF PARA-BROMINATED HYDROXYAROMATIC COMPOUNDS
- PROCEDE DE PREPARATION DE COMPOSES HYDROXYAROMATIQUES BROMES EN PARA

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PRESSMAN, Eric, James [US/US]; 451 Miller Road, East Greenbush, NY 12061 (US). MALE, Jonathan, Lloyd [GB/US]; 345 State Route 443, Schoharie, NY 12157 (US). MILLS, Ryan, Christopher [US/US]; 482-A Lake Road, Mechanicville, NY 12118 (US). OFORI, John, Yaw [GH/US]; 1187 Hillside Avenue, Apt. B-36, Niskayuna, NY 12309 (US).

(74) WINTER, Catherine, J. et al. / etc.; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> B01L

(11) WO 2005/028108 (13) A2

(21) PCT/US2004/030202

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/666,466 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPOSITE POLYMER MICROFLUIDIC CONTROL DEVICE

• DISPOSITIF DE REGULATION MICROFLUIDIQUE A POLYMERE COMPOSITE

(71) EKSIGENT TECHNOLOGIES, LLC [US/US]; 2021 Las Posita Court, Suite 161, Livermore, CA 94550 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REHM, Jason, E. [US/US]; 1211 Regent Street, Alameda, CA 94501 (US). PAUL, Phillip, H. [US/US]; 258 Daisfield Drive, Livermore, CA 94551 (US). CYR, Douglas, R. [CA/US]; 608 Via Del Sol, Livermore, US 94550 (US). DATWANI, Sammy, S. [GB/US]; 6450 Dougherty Road, Apt #634, Dublin, CA 94568 (US). DAHL, Klaus, J. [CA/US]; 136 Austin Avenue, Atherton, CA 94027 (US).

(74) HIIBNER, Kristin, C. et al. / etc.; Sheldon & Mak, 225 South Lake Avenue, 9th Floor, Pasadena, CA 91101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01L

(11) WO 2005/028109 (13) A2

(21) PCT/US2004/030489

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,052 19 Sep/sep 2003 US (19.09.2003)

(30) 60/504,500 19 Sep/sep 2003 US (19.09.2003)

(30) 60/589,224 19 Jul/juil 2004 US (19.07.2004)

(30) 60/589,225 19 Jul/juil 2004 US (19.07.2004)

(30) 10/913,601 5 Aug/août 2004 US (05.08.2004)

(30) 60/601,716 13 Aug/août 2004 US (13.08.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MICROPLATES USEFUL FOR CONDUCTING THERMOCYCLED NUCLEOTIDE AMPLIFICATION

• MICROPLAQUES UTILES POUR L'AMPLIFICATION D'UNE SEQUENCE NUCLEOTIDIQUE A CYCLE THERMIQUE

(71) APPLERA CORPORATION? [US/US]; 850 Lincoln Centre Drive, Foster City, California 94404 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARDING, Ian? [US/US]; 147 Burbank Avenue, San Mateo, California 94403 (US).

(74) LANG, Michael?; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, Michigan 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01L

(11) WO 2005/028110 (13) A2

(21) PCT/US2004/030788

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,052 19 Sep/sep 2003 US (19.09.2003)

(30) 60/504,500 19 Sep/sep 2003 US (19.09.2003)

(30) 60/589,224 19 Jul/juil 2004 US (19.07.2004)

(30) 60/589,225 19 Jul/juil 2004 US (19.07.2004)

(30) 10/913,601 5 Aug/août 2004 US (05.08.2004)

(30) 60/601,716 13 Aug/août 2004 US (13.08.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MICROPLATES USEFUL FOR CONDUCTING THERMOCYCLED NUCLEOTIDE AMPLIFICATION

• MICROPLAQUES UTILISEES POUR EFFECTUER UNE AMPLIFICATION NUCLEOTIDIQUE PAR CYCLAGE THERMIQUE

(71) APPLERA CORPORATION? [US/US]; 850 Lincoln Centre Drive, Foster City, California 94404 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LI, Robin? [US/US]; 860 Oak Street #4, San Francisco, California 94117 (US). AMIN, Yusuf? [US/US]; 2278 Burgundy Way, Fairfield, California 94533 (US). CAR-

RILLO, Albert? [US/US]; 508 Lincoln Avenue, Redwood City, California 94061 (US). REEVE, Vincent? [US/US]; 730 29th Street #204, Oakland, California 94609 (US).

HARDING, Ian? [US/US]; 147 Burbank Avenue, San Mateo, California 94403 (US). FAWCETT, Adrian? [GB/US]; 3606 W. Las Positas Blvd., Pleasanton, California 94588 (US). KAO, H. Pin? [CA/US]; 37581 Maple Street, Fremont, California 94536 (US). LU, Mike? [US/US]; 1057 Kelly Drive, San Jose, California 95129 (US). LIM, Gary? [US/US]; 2739 37th Avenue, San Francisco, California 94116 (US).

(74) LANG, Michael?; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, Michigan 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B02C 13/08, D21B 1/10

(11) WO 2005/028111 (13) A1

(21) PCT/FI2004/000496

(22) 25 Aug/août 2004 (25.08.2004)

(25) en (26) en

(30) 20031378 25 Sep/sep 2003 FI  
(25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR  
FIBERIZING PARTICULARLY PAPER  
AND/OR PAPERBOARD BASED MA-  
TERIAL

• PROCEDE ET APPAREIL DE DEFI-  
BRAGE, EN PARTICULIER DU PAPIER  
ET/OU D'UN MATERIAU A BASE DE  
CARTON

(71, 72) KIVIAHO, Jouko [FI/FI]; Myllytör-  
mäntie 20, FI-39610 Kovelähti (FI).

(74) KANGASMÄKI, Reijo; Finnish Patent  
Consulting FPC, Hermiankatu 14, FI-33720  
Tampere (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B02C 15/04

(11) WO 2005/028112 (13) A1

(21) PCT/EP2004/009069

(22) 12 Aug/août 2004 (12.08.2004)

(25) de (26) de

(30) 103 42 191.2 12 Sep/sep 2003 DE  
(12.09.2003)

(30) 103 43 218.3 18 Sep/sep 2003 DE  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SAFETY SYSTEM FOR A ROLLER  
GRINDING MILL, AND METHOD FOR  
THE PRODUCTION OF CEMENT

• SYSTEME DE SECURITE POUR  
BROYEUR A CYLINDRES, ET PRO-  
CEDE DE PRODUCTION DE CIMENT

(71) LOESCHE GMBH [DE/DE]; Hansaallee  
243, 40549 Düsseldorf (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) LOESCHE, Thomas [DE/DE]; Hassel-  
becker Strasse 4, 40882 Ratingen (DE).

(74) HEIM, Hans-Karl et al. / etc.; Weber &  
Heim, Irmgardstrasse 3, 81479 München  
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B02C 18/14, 18/18

(11) WO 2005/028113 (13) A1

(21) PCT/IB2004/051825

(22) 22 Sep/sep 2004 (22.09.2004)

(25) de (26) de

(30) 203 14 764.2 22 Sep/sep 2003 DE  
(22.09.2003)

(30) 103 52 299.9 8 Nov/nov 2003 DE  
(08.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COARSE MATERIAL CRUSHER  
AND PROCESS FOR OPERATING  
A COARSE MATERIAL CRUSHER

• CONCASSEUR ET PROCEDE  
D'EXPLOITATION DE CONCASSEURS

(71, 72) PLAHUTA, Igor [DE/DE]; Bertingloher  
Strasse 31, 58708 Menden (DE).

(74) HAVERKAMP, Jens; Im Tückwinkel 22,  
58636 Iserlohn (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B02C 18/42, E03C 1/30, B08B 9/02

(11) WO 2005/028114 (13) A1

(21) PCT/JP2004/013857

(22) 15 Sep/sep 2004 (15.09.2004)

(25) ja (26) ja

(30) 2003-326562 18 Sep/sep 2003 JP  
(18.09.2003)

(30) 2003-326564 18 Sep/sep 2003 JP  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GARBAGE TREATMENT DEVICE  
AND DRAIN TUBE WASHING DE-  
VICE

• DISPOSITIF DE TRAITEMENT DE RE-  
SIDUS URBAINS ET DISPOSITIF DE  
LAVAGE A TUBE DE DRAINAGE

(71) MAX CO., LTD. [JP/JP]; 6-6, Nihon-  
bashihakozakicho, Chuo-ku, Tokyo 103-8502  
(JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) NISHIKAWA, Hiroyuki [JP/JP]; c/o  
MAX Co., Ltd., 6-6, Nihonbashihakoza-  
kicho, Chuo-ku, Tokyo 103-8502 (JP).  
ISHIKAWA, Tetsuo [JP/JP]; c/o MAX Co.,  
Ltd., 6-6, Nihonbashihakozakicho, Chuo-ku,  
Tokyo 103-8502 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent  
Office, 13th Floor, ARK Mori Building,  
12-32, Akasaka 1-chome, Minato-ku, Tokyo  
107-6013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B02C 19/06, B05B 7/14, 1/00

(11) WO 2005/028115 (13) A1

(21) PCT/FI2003/000685

(22) 19 Sep/sep 2003 (19.09.2003)

(25) fi (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMPROVED ACCELERATION NOZ-  
ZLE FOR GAS-SOLIDS SUSPENSION

• BUSE D'ACCELERATION AMELIO-  
REE POUR SUSPENSION DE GAZ-SO-  
LIDES

(71) MICROPULVA LTD OY [FI/FI]; Haavis-  
tontie 27, FIN-33960 Pirkkala (FI).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) NIEMI, Jouko [FI/FI]; Haavistontie  
27, FIN-33960 Pirkkala (FI). TAMMI-  
NEN, Jarkko [FI/FI]; Automiehenkatu 3 D,  
FIN-33840 Tampere (FI).

(74) NIEMINEN, Taisto; Patenttitoimisto T  
Nieminen Oy, Kehräsaari B, FIN-33200  
Tampere (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK



- DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B02C 19/18, 23/12  
 (11) WO 2005/028116 (13) A1  
 (21) PCT/EP2004/008414  
 (22) 28 Jul/juil 2004 (28.07.2004)  
 (25) de (26) de  
 (30) 103 42 376.1 13 Sep/sep 2003 DE (13.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR OPERATING A FRAGMENTATION SYSTEM AND SYSTEM THEREFOR  
 • PROCEDE POUR FAIRE FONCTIONNER UNE INSTALLATION DE FRAGMENTATION ET INSTALLATION A CET EFFET
- (71) FORSCHUNGSZENTRUM KARLSRUHE GMBH [DE/DE]; Weberstrasse 5, 76133 Karlsruhe (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FREY, Wolfgang [DE/DE]; Vorholzstrasse 50, 76137 Karlsruhe (DE). STRÄSSNER, Ralf [DE/DE]; Leopoldstrasse 7b, 76133 Karlsruhe (DE). SCHORMANN, Andreas [DE/DE]; Burgstrasse 11, 63755 Alzenau (DE). GIRON, Kurt [DE/DE]; Pfarrgraben 19, 63776 Mömbris (DE).
- (74) FORSCHUNGSZENTRUM KARLSRUHE GMBH; Stabsabteilung Marketing, Patente und Lizenzen, Postfach 36 40, 76021 Karlsruhe (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B02C 21/02  
 (11) WO 2005/028117 (13) A1  
 (21) PCT/JP2004/013513  
 (22) 16 Sep/sep 2004 (16.09.2004)  
 (25) ja (26) ja  
 (30) 2003-326496 18 Sep/sep 2003 JP (18.09.2003)
- (30) 2003-361348 22 Oct/oct 2003 JP (22.10.2003)
- (30) 2003-369574 29 Oct/oct 2003 JP (29.10.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MOBILE WOOD CRUSHER  
 • DEFIBREUR DE BOIS MOBILE
- (71) KOMATSU LTD. [JP/JP]; 2-3-6, Akasaka, Minato-ku Tokyo, 1078414 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) UMEDA, Hiroyuki [JP/JP]; c/o KOMATSU LTD. Osaka Plant, 3-1-1, Ueno, Hirakata-shi Osaka, 5731011 (JP). YOSHIDA, Noriyuki [JP/JP]; c/o KOMATSU LTD. Osaka Plant, 3-1-1, Ueno, Hirakata-shi Osaka, 5731011 (JP).
- (74) KINOSHITA, Jitsuzo et al. / etc.; 3rd. floor, Ogikubo TM building, 26-13, Ogikubo 5-chome, Suginami-ku Tokyo, 1670051 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B05B 1/34, B65D 83/16  
 (11) WO 2005/028118 (13) A1  
 (21) PCT/US2004/029533  
 (22) 10 Sep/sep 2004 (10.09.2004)  
 (25) en (26) en  
 (30) 60/502,439 12 Sep/sep 2003 US (12.09.2003)  
 (30) 10/864,970 10 Jun/juin 2004 US (10.06.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • APPARATUS FOR INDUCING TURBULENCE IN A FLUID AND METHOD OF MANUFACTURING SAME  
 • APPAREIL CONÇU POUR INDUIRE DES TURBULENCES DANS UN FLUIDE ET SON PROCEDE DE FABRICATION
- (71) S. C. JOHNSON & SON, INC. [US/US]; 1525 Howe Street, Racine, WI 53403 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HIGAREDA, Jose, J., C. [MX/US]; 3512 Daisy Lane, Racine, WI 53405 (US).
- (74) HOUSER, David, J.; S. C. Johnson & Son, Inc., 1525 Howe Street, Racine, Wisconsin 53403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B05B 11/00  
 (11) WO 2005/028120 (13) A1  
 (21) PCT/FR2004/002233  
 (22) 2 Sep/sep 2004 (02.09.2004)  
 (25) fr (26) fr  
 (30) 0310653 10 Sep/sep 2003 FR (10.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • FLUID PRODUCT DISTRIBUTOR PUMP
- MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> B05B 07/08, B08B 03/02, F01D 25/00  
 (11) WO 2005/028119 (13) A1  
 (21) PCT/SE2004/001370  
 (22) 24 Sep/sep 2004 (24.09.2004)  
 (25) en (26) en  
 (30) 0302550-9 25 Sep/sep 2003 SE (25.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NOZZLE AND METHOD FOR WASHING GAS TURBINE COMPRESSORS  
 • BUSE ET PROCEDE DESTINES AU LAVAGE DE COMPRESSEURS DE TURBINES A GAZ
- (71) GAS TURBINE EFFICIENCY AB [SE/SE]; P.O. Box 633, S-175 27 Järfälla (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ASPLUND, Peter [SE/SE]; Berghamnsvägen 61, S-165 71 Hässelby (SE). HJERPE, Carl-Johan [SE/SE]; Signuvägen 4, S-131 46 Nacka (SE).
- (74) DR LUDWIG BRANN PATENTBYRÅ AB; P.O. Box 17192, S-104 62 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declaration / Déclaration :  
 (u) for / pour US only / seulement
- 
- (51)<sup>7</sup> B05B 11/00  
 (11) WO 2005/028120 (13) A1  
 (21) PCT/FR2004/002233  
 (22) 2 Sep/sep 2004 (02.09.2004)  
 (25) fr (26) fr  
 (30) 0310653 10 Sep/sep 2003 FR (10.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • FLUID PRODUCT DISTRIBUTOR PUMP

• POMPE DE DISTRIBUTION DE PRODUIT FLUIDE

- (71) VALOIS SAS [FR/FR]; B.P. G, Le Pricuré, F-27110 Le Neubourg (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LE MANER, François [FR/FR]; 24, rue des Ecoles, F-27400 La Vallée Montaine (FR).
- (74) CAPRI; 33, rue de Naples, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B05B 11/00, 7/00

(11) WO 2005/028121 (13) A1

(21) PCT/NL2004/000660

(22) 23 Sep/sep 2004 (23.09.2004)

(25) nl (26) en

(30) 1024350 23 Sep/sep 2003 NL (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • DISPENSER FOR CONCENTRATED INJECTION  
• DISTRIBUTEUR POUR INJECTION CONCENTREE

(71) R+D INJECTOR AG [CH/CH]; Zugerstrasse 76b, CH-6340 Baar (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BROUWER, Markus, Franciskus [NL/NL]; Krabbehoek 13, NL-5348 MS Heesch (NL).

(74) TABELING, Marcella, Maria, Josefa; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B05B 15/04

(11) WO 2005/028122 (13) A1

(21) PCT/EP2004/005960

(22) 2 Jun/juin 2004 (02.06.2004)

(25) de (26) de

(30) 203 12 902.4 21 Aug/août 2003 DE (21.08.2003)

(30) 103 57 375.5 5 Dec/déc 2003 DE (05.12.2003)

(30) PCT/EP2004/0016620 Feb/fév 2004 EP (20.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • SPRAY HOOD AND COMPRESSED AIR-FREE SPRAY PISTOL FOR APPLYING PAINTS AND UNDERCOATINGS

• ECRAN PROTECTEUR DE PROJECTION, ET PISTOLET DE PROJECTION SANS AIR COMPRIME POUR L'APPLICATION DE PEINTURES ET DE COUCHES DE FOND

(71, 72) ROLLER, Martin [DE/DE]; Goethestrasse 60, 71665 Vaihingen (DE).

(74) FLECK, Hermann-Josef; Klingengasse 2, 71665 Vaihingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B05C 5/02, B29C 47/16

(11) WO 2005/028123 (13) A1

(21) PCT/US2004/030579

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/503,703 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • METHODS FOR FORMING A COATING LAYER HAVING SUBSTANTIALLY UNIFORM THICKNESS, AND DIE COATERS

• PROCEDES DE FORMATION D'UNE COUCHE D'ENDUCTION PRESENTANT UNE EPAISSEUR SENSIBLEMENT UNIFORME, ET MACHINES A ENDUIRE DES FILIERES

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAPPEL, Robert, A. [US/US]; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(74) STEWART, Pamela, L. et al. / etc.; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> B05D 1/28, 3/06

(11) WO 2005/028124 (13) A1

(21) PCT/EP2004/009615

(22) 28 Aug/août 2004 (28.08.2004)

(25) de (26) de

(30) 103 41 670.6 8 Sep/sep 2003 DE (08.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • METHOD FOR SURFACE MODIFICATION OF COATED SUBSTRATES

• PROCEDE DE MODIFICATION DE SURFACE DE SUBSTRATS A REVETEMENT

(71) HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOCH, Matthias [DE/US]; 1505 Main Street, Glastonbury, CT 06033 (US). MOTZKAT, Kerstin [DE/DE]; Wilhelm-Haumann-Weg 32, 46049 Oberhausen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B05D 7/24, C23C 16/30

(11) WO 2005/028125 (13) A1

(21) PCT/EP2004/052115

(22) 9 Sep/sep 2004 (09.09.2004)

(25) de (26) de

(30) 103 42 448.2 13 Sep/sep 2003 DE  
(13.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ANTICORROSION COATING

• REVETEMENT ANTICORROSION

(71) FRAUNHOFER-GESELLSCHAFT ZUR  
FÖRDERUNG DER ANGEWANDTEN  
FORSCHUNG E.V. [DE/DE]; Hansastr.  
27c, 80686 München (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) WILKEN, Ralph [DE/DE]; Flensburger  
Str. 36, 28219 Bremen (DE). IHDE, Jörg  
[DE/DE]; Mühlendeich 34, 28865 Lilien-  
thal (DE). DIECKHOFF, Stefan [DE/DE];  
Wacholderweg 6, 28865 Lilienthal (DE).  
DEGENHARDT, Jost [DE/DE]; Nieder-  
bührener Landstr. 10, 28719 Bremen (DE).  
SALZ, Dirk [DE/DE]; Violenstr. 33-35,  
28777 Bremen (DE). SEILER, Andreas  
[DE/DE]; Turnerstr. 120a, 28195 Bremen  
(DE).

(74) STILKENBÖHMER, Uwe et al. / etc.;  
Postfach 10 60 78, 28060 Bremen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B06B 1/18

(11) WO 2005/028126 (13) A1

(21) PCT/EP2004/008479

(22) 29 Jul/juil 2004 (29.07.2004)

(25) de (26) de

(30) 103 41 477.0 5 Sep/sep 2003 DE  
(05.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SONIC GENERATOR FOR GENERAT-  
ING SONIC PULSES THAT CAN PROP-  
AGATE ALONG PIPELINES OF A WAT-  
ER OR GAS SUPPLY SYSTEM

• GENERATEUR DE SONS SERVANT  
A PRODUIRE DES IMPULSIONS  
ACOUSTIQUES POUVANT SE PRO-  
PAGER DANS DES CANALISATIONS

D'UN SYSTEME DE DISTRIBUTION  
D'EAU OU DE GAZ

(71, 72) RIEHLE, Rainer [DE/DE]; Al-  
brecht-Goes-Strasse 34, 74243 Langen-  
bretlach (DE).

(74) LUTZ, Johannes et al. / etc.; Wolf & Lutz,  
Hauptmannsreute 93, 70193 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B07C 3/00

(11) WO 2005/028127 (13) A1

(21) PCT/FR2004/050338

(22) 15 Jul/juil 2004 (15.07.2004)

(25) fr (26) fr

(30) 0350563 17 Sep/sep 2003 FR  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BIN TRANSFERRING STRUCTURE  
FOR A POSTAL SORTING MACHINE

• STRUCTURE DE TRANSFERT DE  
BACS POUR MACHINE DE TRI POS-  
TAL

(71) SOLYSTIC [FR/FR]; 14, avenue Raspail,  
F-94257 Gentilly (FR).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) FORELLA, Guy [FR/FR]; Les Champs,  
F-07130 Saint-Peray (FR). GILLET,  
François [FR/FR]; 120 bis, rue du Com-  
mandant Charcot, F-69005 Lyon (FR).

(74) PRUGNEAU-SCHAUB; 36, rue des Petits  
Champs, F-75002 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B07C 5/342, 5/344

(11) WO 2005/028128 (13) A1

(21) PCT/GB2004/004032

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 0322043.1 20 Sep/sep 2003 GB  
(20.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPARATUS FOR, AND METHOD OF,  
CLASSIFYING OBJECTS IN A WASTE  
STREAM

• APPAREIL ET PROCEDE DE TRI  
D'OBJETS SE TROUVANT DANS UN  
FLUX DE DECHETS

(71) QINETIQ LIMITED [GB/GB]; Registered  
Office, 85 Buckingham Gate, London SW1E  
6PD (GB).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) COWLING, Donald [GB/GB]; QinetiQ  
Limited, Newtons Road, Room PK2, Wey-  
mouth, Dorset DT4 8UR (GB). RANDALL,  
Peter, Neil [GB/GB]; QinetiQ Limited, Cody  
Technology Park, Room A5/1026, Ively  
Road, Farnborough, Hampshire GU14 0LX  
(GB).

(74) TOCHER, A., J.; QinetiQ Ltd, IP Formal-  
ities, Cody Technology Park, A4 Building,  
Room G016, Ively Road, Farnborough,  
Hampshire GU14 0LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B07C 5/344, G01V 3/10

(11) WO 2005/028129 (13) A1

(21) PCT/GB2004/003953

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 0322224.7 23 Sep/sep 2003 GB  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPARATUS AND METHOD FOR  
ESTABLISHING THE POSITIONS  
OF METAL OBJECTS IN AN INPUT  
STREAM

• APPAREIL ET PROCEDE  
D'ETABLISSEMENT DES POSITIONS  
D'OBJETS METALLIQUES DANS UN  
FLUX D'ENTREE

(71) QINETIQ LIMITED [GB/GB]; Registered  
Office, 85 Buckingham Gate, London SW1E  
6PD (GB).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KEENE, Mark, N. [GB/GB]; Qine-  
tiQ Limited, Malvern Technology Centre,  
Room KF1103, St Andrew's Road, Malvern,  
Worcestershire WR14 3PS (GB). MCKIE,  
Mathew, C. [GB/GB]; QinetiQ Limited,

- Winfrith Technology Centre, Room A22/160, Winfrith Newburgh, Dorchester, Dorset DT2 8XJ (GB).
- (74) **TOCHER, A., J.**; QinetiQ Ltd, IP Formalities, Cody Technology Park, A4 Building, Room G016, Ively Road, Farnborough, Hampshire GU14 0LX (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> **B08B 1/04, 9/20, B24B 29/00**
- (11) **WO 2005/028130** (13) A1
- (21) PCT/JP2004/014144
- (22) **21 Sep/sep 2004 (21.09.2004)**
- (25) ja (26) ja
- (30) 2003-330379 **22 Sep/sep 2003 JP (22.09.2003)**
- (30) 2004-257073 **3 Sep/sep 2004 JP (03.09.2004)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CAN TREATMENT METHOD AND CAN TREATMENT APPARATUS USING THE METHOD
- PROCEDE DE TRAITEMENT DE BOITE METALLIQUE ET APPAREIL DE TRAITEMENT DE BOITE METALLIQUE FAISANT APPEL AUDIT PROCEDE
- (71) **ASAHI BREWERIES, LTD.** [JP/JP]; 3-7-1, Kyobashi, Chuo-ku, Tokyo, 1048323 (JP). **TOYO KIKI KOGYOU CO., LTD.** [JP/JP]; 4-23, Chibune 1-chome, Nishiyodogawa-ku, Osaka-shi, Osaka, 5550013 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIYASHITA, Takashi**KURAMOTO, Takehiko
- (74) **ISHIHARA, Masaru**; 5th Floor, Tatsuno Nishi-tenma Bldg., 1-6, Nishi-tenma 3-chome, Kita-ku, Osaka-shi, Osaka 5300047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **B08B 3/02, H01R 13/52**
- (11) **WO 2005/028131** (13) A1
- (21) PCT/EP2004/009240
- (22) **18 Aug/août 2004 (18.08.2004)**
- (25) de (26) de
- (30) 103 40 744.8 **29 Aug/août 2003 DE (29.08.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HIGH-PRESSURE CLEANING DEVICE
- APPAREIL DE NETTOYAGE A HAUTE PRESSION
- (71) **ALFRED KÄRCHER GMBH & CO. KG** [DE/DE]; Alfred-Kärcher-Strasse 28-40, 71364 Winnenden (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHESTAG, Harald** [DE/DE]; Gartenstrasse 27/1, 71560 Sulzbach/Murr (DE). **BREUER, Christoph** [DE/DE]; Im Hangelstein 35, 73730 Esslingen (DE). **SEITTER, Ralph** [DE/DE]; Zu den Obstgärten, 71522 Backnang (DE).
- (74) **KARRAIS, Martin et al.** / etc.; Hoeger, Stellrecht & Partner, Uhlandstrasse 14c, 70182 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **B09C 1/08, 1/10, C02F 3/34, 11/02**
- (11) **WO 2005/028133** (13) A1
- (21) PCT/JP2004/011139
- (22) **4 Aug/août 2004 (04.08.2004)**
- (25) ja (26) ja
- (30) 2003-332352 **24 Sep/sep 2003 JP (24.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DECONTAMINATING AGENT FOR, CONTAMINATED WITH HEXAVALENT CHROMIUM, SOIL/GROUND-WATER AND BOTTOM SEDIMENT, AND METHOD OF DECONTAMINATION THEREWITH
- AGENT DE DECONTAMINATION POUR SOLS/EAUX SOUTERRAINES ET DEPOTS DE FOND CONTAMINES PAR DU CHROME HEXAVALENT, ET PROCEDE DE DECONTAMINATION ASSOCIE
- (71) **ECOCYCLE CORPORATION** [JP/JP]; 7-16, Oyama-cho Toyama-shi Toyama, 9398092 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHANDRAGHATGI, Shrihari** [IN/JP]; ECOCYCLE CORPORATION 7-16, Oyama-cho Toyama-shi Toyama, 9398092 (JP). **MAEDA, Shingo** [JP/JP]; ECOCYCLE CORPORATION 7-16, Oyama-cho Toyama-shi Toyama, 9398092 (JP). **NOGAWA, Kaoru** [JP/JP]; ECOCYCLE CORPORATION 7-16, Oyama-cho Toyama-shi Toyama, 9398092 (JP). **HIMI, Hideki** [JP/JP]; ECOCYCLE CORPORATION 7-16, Oyama-cho Toyama-shi Toyama, 9398092 (JP).
- (74) **KAIGUCHI, Muneaki**; Shibuya IBIS BLDG. 17-3, Shibuya 2-chome Shibuya-ku Tokyo, 1500002 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B21C 37/04, B32B 15/01, C22C 47/04,  
B23P 17/06

(11) WO 2005/028134 (13) A1

(21) PCT/EP2003/050645

(22) 23 Sep/sep 2003 (23.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METAL FIBER COMPRISING MORE  
THAN ONE METAL OR METAL AL-  
LOY

• FIBRE METALLIQUE COMPORTANT  
PLUS D'UN METAL OU D'ALLIAGE  
METALLIQUE

(71) N.V. BEKAERT S.A. [BE/BE]; Bekaert-  
straat 2, B-8550 Zvevegem (BE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MARRECAU, Willy [BE/US]; 37 Hunt-  
ington Road, Rome, GA 30165 (US).

(74) VAN STEENLANDT, Wim; Bekaertstraat  
2, B-8550 Zvevegem (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NI NO NZ OM PG PH PL PT  
RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG US UZ VC VN YU ZA  
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B21C 37/04, B32B 15/01, C22C 47/04,  
B23P 17/06, B32B 15/02

(11) WO 2005/028135 (13) A1

(21) PCT/EP2004/052065

(22) 7 Sep/sep 2004 (07.09.2004)

(25) en (26) en

(30) PCT/EP03/50645 23 Sep/sep 2003 EP  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METAL FIBER COMPRISING MORE  
THAN ONE METAL OR METAL AL-  
LOY

• FIBRE METALLIQUE COMPRENANT  
PLUS D'UN METAL OU ALLIAGE ME-  
TALLIQUE

(71) NV Bekaert SA [BE/BE]; Bekaertstraat 2,  
B-8550 ZVEVEGEM (BE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MARRECAU, Willy [BE/US]; 37 Hunt-  
ington Road, ROME, Georgia 30165 (US).

(74) VAN STEENLANDT, Wim; Bekaertstraat  
2, B-8550 ZVEVEGEM (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B21C 47/08, 47/24

(11) WO 2005/028136 (13) A1

(21) PCT/EP2004/008078

(22) 19 Jul/juil 2004 (19.07.2004)

(25) de (26) de

(30) 103 39 191.6 22 Aug/août 2003 DE  
(22.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COILBOX LOCATED BETWEEN THE  
ROUGHING TRAIN AND THE FINISH-  
ING TRAIN IN A HOT-ROLLING MILL

• CAISSE A ROULEAUX MONTEE  
ENTRE LE TRAIN DEGROSSISSEUR  
ET LE TRAIN FINISSEUR D'UN LAMI-  
NOIR A CHAUD

(71) SMS DEMAG AKTIENGE-  
SELLSCHAFT [DE/DE]; Eduard-Schloe-  
mann-Strasse 4, 40237 Düsseldorf (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BÄUMER, Klaus [DE/DE]; Eichholz-  
strasse 11, 57223 Kreuztal (DE). EHLIS,  
Bernhard [DE/DE]; Siedlung 104, 57271  
Hilchenbach (DE). BEUTER, Matthias  
[DE/DE]; Am Klingelbach 14, 57319  
Bad Berleburg (DE). RUNKEL, Thomas  
[DE/DE]; Brüderweg 235, 57074 Siegen  
(DE). KRÜGER, Matthias [DE/DE];  
Seifenfeld 3, 57271 Hilchenbach (DE).  
SCHMITZ, Peter [DE/DE]; Spindecksfeld  
97, 40883 Ratingen (DE).

(74) VALENTIN, Ekkehard; Valentin, Gihske,  
Grosse, Hammerstrasse 2, 75072 Siegen  
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B21D 28/32, 28/20, B30B 1/40

(11) WO 2005/028137 (13) A1

(21) PCT/EP2004/008701

(22) 4 Aug/août 2004 (04.08.2004)

(25) de (26) de

(30) 103 40 509.7 3 Sep/sep 2003 DE  
(03.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • V-BELT DRIVEN WORKPIECE PRO-  
VIDED WITH ELEMENTS WHICH  
CAN BE ADJUSTED IN RESPECT TO  
EACH OTHER FOR CUT-FREE FORM-  
ING OF A SHEET METAL WORKPIECE  
IN A PRESS

• OUTIL DE COMMANDE A COINS  
COMPRENANT DES ELEMENTS  
MOBILES L'UN PAR RAPPORT A  
L'AUTRE POUR FORMER SANS DE-  
COUPE UNE PIECE DE TOLE DANS  
UNE PRESSE

(71) BAYERISCHE MOTORENWERKE AK-  
TIENGESELLSCHAFT [DE/DE]; Petuer-  
ling 130, 80809 München (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) HEINL, Ernst [DE/DE]; Bachstrasse 3,  
85406 Zolling (DE).

(74) BAYERISCHE MOTORENWERKE AK-  
TIENGESELLSCHAFT; Patentabteilung,  
AJ-3, 80788 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B21D 47/00

(11) WO 2005/028138 (13) A1

(21) PCT/KR2004/002325

(22) 14 Sep/sep 2004 (14.09.2004)

(25) ko (26) en

(30) 20-2003-0030237 24 Sep/sep 2003 KR  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A METHOD OF PRODUCING HONEY-  
COMB STRUCTURE

• POUR FABRIQUER UNE STRUCTURE  
A NIDS D'ABEILLE

(71, 72) PARK, Kiho [KR/KR]; 558-10  
Sip-Jong-Dong, Bu-Pyong-Gu, Incheon  
403-103 (KR).

(74) LEE, Se Jin; 2F Insung Bldg., 437-3, Bang-  
bae-dong, Seocho-Gu, Seoul 137-817 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)<sup>7</sup> B21F 3/02, F16F 1/04, B21C 47/18

(11) WO 2005/028139 (13) A1

(21) PCT/US2004/029663

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 10/661,363 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS FOR MANUFACTURING COIL SPRINGS

• PROCEDES DE FABRICATION DE RESSORT HELICOIDAL

(71) DREAMWELL, LTD. [US/US]; 2325-B Renaissance Drive, Las Vegas, NV 89119 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEFRANKS, Michael, S. [US/US] DIMARCO, Michael [US/US] BANKS, Larry [US/US]

(74) KELLY, Edward, J. et al. / etc.; Ropes & Gray LLP, One International Place, Boston, MA 02110-2624 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B21J 7/40, 7/08

(11) WO 2005/028140 (13) A1

(21) PCT/JP2003/012118

(22) 22 Sep/sep 2003 (22.09.2003)

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GRAVITY-APPLIED SPECIAL PRESS  
• PRESSE SPECIALE A GRAVITE APPLI-QUEE

(71, 72) SHIMIZU, Tomio [JP/JP]; 10-4, Kamimachi, Isahaya-shi, Nagasaki 854-0024 (JP).

(81) AU CA CN DE DK FI GB IN KR RU SE TR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> B21K 1/00, 1/76, B62D 3/12, 5/22

(11) WO 2005/028141 (13) A1

(21) PCT/AU2004/001287

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 2003905204 23 Sep/sep 2003 AU (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPOSITE STEERING RACK

• CREMAILLERE COMPOSITE

(71) BISHOP INNOVATION LIMITED [AU/AU]; 10 Waterloo Road, North Ryde, NSW 2113 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROESKE, Klaus, Juergen [DE/AU]; 7 Beech Place, Lugarno, NSW 2210 (AU).

(74) PAPPAS, Frank; Bishop Innovation Limited, P.O. Box 135, North Ryde, NSW 1670 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B22C 1/00, 1/18, 9/10

(11) WO 2005/028142 (13) A1

(21) PCT/JP2004/013669

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-324778 17 Sep/sep 2003 JP (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CORE FOR USE IN CASTING

• POINÇON DE COULAGE

(71) YAMAHA HATSUDOKI KABUSHIKI KAISHA [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka, 4388501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) YAO KAWA, Jun [JP/JP]; Dwell-S 205, 5-14, Kunimi 3-chome, Aoba-ku, Sendai-shi, Miyagi 9810943 (JP). ANZAI, Koichi [JP/JP]; 10-13, Minamiyoshinari, 4-chome, Aoba-ku, Sendai-shi, Miyagi 9893204 (JP).

(72, 75) YAMADA, Youji [JP/JP]; c/o Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 4388501 (JP).

(74) YAMAKAWA, Masaki et al. / etc.; c/o Yamakawa International Patent Office, 8th Floor, Shuwa-Tameike Building, 4-2, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1000014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B22D 11/00, 11/059, 11/053, 11/07, 21/00, 11/04, C22C 9/00, 9/10, 9/05

(11) WO 2005/028143 (13) A1

(21) PCT/JP2004/013756

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-331909 24 Sep/sep 2003 JP (24.09.2003)

(30) 2004-097223 29 Mar/mar 2004 JP (29.03.2004)

(30) 2004-234641 11 Aug/août 2004 JP (11.08.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONTINUOUS CASTING MOLD AND METHOD OF CONTINUOUS CASTING FOR COPPER ALLOY

• MOULE DE COULAGE ET PROCEDE DE COULAGE EN CONTINU POUR ALLIAGE DE CUIVRE

(71) SUMITOMO METAL INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAEHARA, Yasuhiro [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). YONEMURA, Mitsuharu [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). NAKAJIMA, Keiji [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). YOSHIDA, Naotsugu [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). AOKI, Masahiro [JP/JP]; c/o Sumitomo Metals (Naoetsu), Ltd., 12-1, Minato-cho 2-chome, Joetsu-shi, Niigata 942-0011 (JP).

(74) HONOUE, Terutada et al. / etc.; Honoue Patent Office, 17-23, Higashinaniwa-cho 5-chome, Amagasaki-shi, Hyogo 660-0892 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B22F 3/02, B28B 1/04, 13/02

(11) WO 2005/028144 (13) A1

(21) PCT/RU2004/000345

(22) 7 Sep/sep 2004 (07.09.2004)

(25) ru (26) ru

(30) 2003128521 24 Sep/sep 2003 RU (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR GENERATING ORDERED STRUCTURES IN AN OPEN SYSTEM DURING PRODUCTION OF ARTICLES MADE OF POWDER MATERIALS

• PROCEDE DE FORMATION DE STRUCTURES ORDONNEES DANS UN SYSTEME OUVERT LORS DE LA FABRICATION D'ARTICLES EN MATIERES PULVERULENTES

(71, 72) ZUBKIN, Valery Erakhmievich [RU/RU]; pr-t Mira 9-40, Reutov, Moskovskaya obl., 143952 (RU). KONOVALOV, Vladimir Mikhailovich [RU/RU]; ul. Udaltsova, 61-55, Moscow, 117454 (RU). KOROLEV, Nikolai Evdokimovich [RU/RU]; ul. Butlerova, 2-1-76, Moscow, 117485 (RU).

(74) KONOVALOV, Vladimir Mikhailovich; a/ya 13, Moscow, 119454 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B22F 9/28, C22B 5/04

(11) WO 2005/028145 (13) A2

(21) PCT/US2004/031015

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/502,921 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD, APPARATUS AND SYSTEM FOR SEGREGATING SALT FROM METAL POWDER

• PROCEDE, DISPOSITIF ET SYSTEME POUR LA SEPARATION DE SEL/POUDRE METALLIQUE

(71) INTERNATIONAL TITANIUM POWDER, LLC. [US/US]; 20634 W. Gaskin Drive, Lockport, IL 60441 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARMSTRONG, Donn, Reynolds [US/US]; 6005 Ridge Court, Lisle, IL 60532 (US). ANDERSON, Richard, P. [US/US]; 5836 Sunrise Avenue, Clarendon Hills, IL 60514 (US). JACOBSEN, Lance [US/US]; 123 San Carlos Road, Minooka, IL 60447 (US). KOGUT, Dariusz [US/US]; 17825 Greenwood Drive, Tinley Park, IL 60477 (US).

(74) LEVY, Harry, M.; Emrich & Dithmar, LLC., Suite 2080, 125 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B22F 03/04, B21J 07/28, 11/00

(11) WO 2005/028146 (13) A1

(21) PCT/SE2004/001366

(22) 23 Sep/sep 2004 (23.09.2004)

(25) sv (26) en

(30) 0302548-3 25 Sep/sep 2003 SE (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A METHOD AND A DEVIE FOR FORMING POWDERED MATERIALS

• PROCEDE ET DISPOSITIF DE FORMATION DE MATERIAUX PULVERULENTS

(71) HYDROPULSOR AB [SE/SE]; S-691 80 Karlskoga (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MELANDER, Per [SE/SE]; Ledgränd 48, S-703 45 Örebro (SE).

(74) BJERKÉNS PATENTBYRA KB et al. / etc.; Box 1274, S-801 37 Gävle (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B23B 29/02

(11) WO 2005/028147 (13) A1

(21) PCT/KR2004/002424

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ko (26) en

(30) 10-2003-0065971 23 Sep/sep 2003 KR (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPOSITE TOOL BAR

• BARRE A OUTILS COMPOSITE

(71) KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY [KR/KR]; 373-1 Gusung-dong, Yuseong-gu, Daejeon 305-701 (KR). VISION INNO-TECH CORP. [KR/KR]; C-4 Sankyung Moolsan 1st Fl., 47-2 Dangsan-dong 2-ga, Youngdeungpo-gu, Seoul 150-042 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Dai Gil [KR/KR]; 107-302 Hanwool Apt., 160-1, Shinsung-dong, Yuseong-gu, Daejeon 305-707 (KR). HWANG, Hui Yun [KR/KR]; 302, Eun-dong, 114-7 Yuseong-gu, Daejeon 305-333 (KR). LEE, Seung Min [KR/KR]; 2-303 Gunin APT., 349, Banser-dong, Yuseong-gu, Daejeon 305-150 (KR). KIM, Byung Chul [KR/KR]; 19/4, 802-46 Geoje 2-dong, Yeonje-gu, Busan 611-806 (KR).

(74) JEON, Young-II; KWTC P.O. Box 243, #4202, Trade Tower., World Trade Center, Samsung-dong, Kangnam-gu, Seoul 135-729 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B23B 31/107

(11) WO 2005/028148 (13) A1

(21) PCT/EP2004/006501

(22) 17 Jun/juin 2004 (17.06.2004)

(25) de (26) de

(30) 103 38 610.6 22 Aug/août 2003 DE (22.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • INTERFACE OF A TOOL  
• POINT D'ASSEMBLAGE D'UN OUTIL
- (71) MAPAL FABRIK FÜR PRÄZISION-SWERKZEUGE DR. KRESS KG [DE/DE]; Obere Bahnstrasse 13, 73431 Aalen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KRESS, Dieter [DE/DE]; Walkstrasse 87, 73431 Aalen (DE). HÄBERLE, Friedrich [DE/DE]; Fliederstrasse 14, 73466 Lauchheim (DE).
- (74) GLEISS, Alf-Olav; Gleiss & Grosse, Leitzstrasse 45, 70469 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B23C 5/22
- (11) WO 2005/028149 (13) A1
- (21) PCT/IL2004/000808
- (22) 7 Sep/sep 2004 (07.09.2004)
- (25) en (26) en
- (30) 158098 24 Sep/sep 2003 IL (24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • TANGENTIAL CUTTING INSERT AND MILLING CUTTER  
• INSERT DE FRAISE A COUPE TANGENTIELLE ET FRAISE
- (71) ISCAR LTD. [IL/IL]; P.O. Box 11, 24959 Tefen (IL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SATRAN, Amir [IL/IL]; 6 Moran Street, 25147 Kfar Vradim (IL).
- (74) ISCAR LTD., PATENT DEPARTMENT; P.O.Box 11, 24959 Tefen (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B23K 20/10
- (11) WO 2005/028150 (13) A1
- (21) PCT/EP2004/008018
- (22) 17 Jul/juil 2004 (17.07.2004)
- (25) de (26) de
- (30) 103 38 809.5 21 Aug/août 2003 DE (21.08.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CAMERA SUPPORTED ADJUSTMENT OF BOND HEAD ELEMENTS  
• AJUSTAGE D'ELEMENTS DE TETE DE SOUDAGE ASSISTE PAR CAMERA
- (71) HESSE & KNIPPS GMBH [DE/DE]; Vattmannstrasse 6, 33100 Paderborn (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WALTHER, Frank [DE/DE]; Bohlenweg 14, 33034 Brakel (DE).
- (74) COHAUSZ DAWIDOWICZ HANNIG & PARTNER; Schumannstrasse 97-99, 40237 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B23K 26/14
- (11) WO 2005/028151 (13) A1
- (21) PCT/US2004/029655
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 10/665,028 16 Sep/sep 2003 US (16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COAXIAL NOZZLE DESIGN FOR LASER CLADDING/WELDING PROCESS  
• CONCEPTION DE BUSE CO-AXIALE POUR PROCESSUS DE PLACAGE/SOUDAGE PAR LASER
- (71) HONEYWELL INTERNATIONAL, INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HU, Yiping [CN/US]; 18 Collier Lane, Greer, SC 29650 (US).
- (74) HOIRIIS, David et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (a)
- 
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- 
- (51)<sup>7</sup> B23K 35/00, 1/20, 35/28
- (11) WO 2005/028152 (13) A1
- (21) PCT/EP2004/008801
- (22) 5 Aug/août 2004 (05.08.2004)
- (25) de (26) de
- (30) 103 42 242.0 11 Sep/sep 2003 DE (11.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SOLDERING WORK PIECE, SOLDERING METHOD AND HEAT EXCHANGER  
• PIECE A BRASER, PROCEDE DE BRASAGE ET ECHANGEUR DE CHALEUR
- (71) BEHR GMBH & CO. KG [DE/DE]; Mauerstrasse 3, 70469 Stuttgart (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HEEB, Wolfgang [DE/DE]; Freiburgstrasse 5, 73614 Schorndorf (DE). KNÖDLER, Wolfgang [DE/DE]; Herderweg 9, 71332 Waiblingen (DE). VÖLKER, Cord [DE/DE]; Adalbert-Stifter-Weg 13, 71522 Backnang (DE).
- (74) BEHR GMBH & CO. KG; Intellectual Property, G-IP, Mauerstrasse 3, 70469 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> B23K 35/22, C22C 21/00
- (11) WO 2005/028153 (13) A1
- (21) PCT/JP2003/011872
- (22) 18 Sep/sep 2003 (18.09.2003)
- (25) ja (26) ja
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ALUMINUM ALLOY COMPOSITE FOR BRAZING AND HEAT EXCHANGER INCLUDING THE SAME



• COMPOSITE D'ALLIAGE D'ALUMINIUM POUR BRASAGE ET ECHANGEUR THERMIQUE LE COMPRENANT

(71) **KOBE ALCOA TRANSPORTATION PRODUCTS LTD.** [JP/JP]; 9-12, Kitashinagawa 5-chome, Shinagawa-ku, Tokyo 141-8688 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UEDA, Toshiki** [JP/JP]; c/o Moka Plant in Kobe Steel, Ltd., Kinugaoka 15, Moka-shi, Tochigi 321-4367 (JP). **KOSHIGOE, Fumihito** [JP/JP]; c/o Moka Plant in Kobe Steel, Ltd., Kinugaoka 15, Moka-shi, Tochigi 321-4367 (JP). **SATO, Fumihito** [JP/JP]; c/o Moka Plant in Kobe Steel, Ltd., Kinugaoka 15, Moka-shi, Tochigi 321-4367 (JP).

(74) **FUJIMAKI, Masanori**; 5th Floor, Fukoku Seimei Building, 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> B23K 37/00, B65D 88/12

(11) WO 2005/028154 (13) A1

(21) PCT/GB2004/000405

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 0322254.4 23 Sep/sep 2003 GB (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PRE-STRESSED OPEN (CURTAIN-) SIDE CONTAINER

• CONTENEUR PRECONTRAIT A COTE OUVERT OU A RIDEAU

(71, 72) **BOTHAM, Dale** [GB/GB]; 1 Ingleton, Elloughton, Brough, Hull HU15 1SQ (GB).

(74) **TILLBROOK, Christopher, John**; Tillbrook & Co., 1 Mill Street, Warwick CV34 4HB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B23P 19/04 // F16L 19/08

(11) WO 2005/028155 (13) A1

(21) PCT/FI2004/000555

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 20031373 23 Sep/sep 2003 FI (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PREMOUNTING DEVICE FOR CUTTING RING FITTING

• DISPOSITIF DE MONTAGE PREALABLE POUR PIECE DE FIXATION D'ANNEAU DE DECOUPE

(71, 72) **JOKINEN, Jukka** [FI/FI]; Muuntajantie 8, FI-07600 Myrskylä (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FI-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)<sup>7</sup> B24B 7/06, 7/28, 21/18

(11) WO 2005/028156 (13) A1

(21) PCT/ES2004/000405

(22) 17 Sep/sep 2004 (17.09.2004)

(25) es (26) es

(30) P200302189 19 Sep/sep 2003 ES (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMPROVED SANDER

• POLISSEUSE AMELIOREE

(71, 72) **MARIN CUEVAS, Maria** [ES/ES]; Sierra de Lujar 11, E-18210 Peligros (ES).

(74) **GALLEGO JIMENEZ, José Fernando**; Avda. Diagonal 421, 2<sup>o</sup>, E-08008 Barcelona (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B24D 3/26, B24B 37/04

(11) WO 2005/028157 (13) A1

(21) PCT/US2004/030013

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en

(26) en

(30) 60/503,152 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A POLISHING PAD FOR CHEMICAL MECHANICAL POLISHING

• TAMPON A POLIR POUR POLISSAGE MECANO-CHIMIQUE

(71) **PSILOQUEST** [US/US]; MARKS, Dan, 6901 TPC Boulevard, Suite 650, Orlando, FL 32822 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OBENG, Yaw, S.** [US/US]; 272 Lytton Circle, Orlando, FL 32824 (US).

(74) **GAINES, Charles, W.**; Hitt Gaines, PC, P.O. Box 832570, Richardson, TX 75083-2570 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> B24D 9/02, 13/02

(11) WO 2005/028158 (13) A1

(21) PCT/AU2004/001269

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 2003905140 19 Sep/sep 2003 AU  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • WHEEL ASSEMBLY FOR A PNEU-  
MATIC SANDER

• ENSEMBLE ROUE POUR PONCEUSE  
PNEUMATIQUE

(71, 72) TREFFNER, Peter [AU/AU]; 3 Las-  
burn Crescent, Carlingford, NSW 2118 (AU).

(74) SHELSTON IP; 60 Margaret Street, Sydney,  
NSW 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B24D 18/00, B23C 5/10

(11) WO 2005/028159 (13) A1

(21) PCT/JP2004/013512

(22) 16 Sep/sep 2004 (16.09.2004)

(25) ja (26) ja

(30) 2003-327645 19 Sep/sep 2003 JP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FREE CURVED SURFACE PRECISION  
MACHINING TOOL

• MACHINE D'USINAGE DE PRECISION  
A SURFACE LIBRE INCURVEE

(71) RIKEN [JP/JP]; 2-1, Hiro-sawa, Wako-shi  
Saitama, 3510198 (JP). Japan Science and  
Technology Agency [JP/JP]; 4-1-8, Hon-  
cho, Kawaguchi-shi Saitama, 3320012 (JP).  
IKEGAMI MOLD ENGINEERING CO.,  
LTD. [JP/JP]; 5-5-30, Minami, Kuki-shi  
Saitama, 3460004 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) OHMORI, Hitoshi [JP/JP]; c/o RIKEN,  
2-1, Hiro-sawa, Wako-shi Saitama, 3510198  
(JP). YAMAKI, Hidenori [JP/JP]; c/o  
IKEGAMI MOLD ENGINEERING CO.,  
LTD. 5-5-30, Minami, Kuki-shi Saitama,  
3460004 (JP). MATSUZAWA, Takashi  
[JP/JP]; c/o IKEGAMI MOLD ENGINEER-  
ING CO., LTD. 5-5-30, Minami, Kuki-shi  
Saitama, 3460004 (JP).

(74) HOTTA, Minoru; ASA INTERNATIONAL  
PATENT FIRM, 4F, Kenchiku-kaikan, 26-20,

Shiba 5-chome, Minato-ku Tokyo, 1080014  
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B25B

(11) WO 2005/028160 (13) A2

(21) PCT/IB2004/003016

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 2003-328770 19 Sep/sep 2003 JP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONNECTING FASTENER AND FAS-  
TENER HOLDER

• DISPOSITIF DE FIXATION ET SUP-  
PORT ASSOCIE

(71) ILLINOIS TOOL WORKS, INC.  
[US/US]; 3600 West Lake Avenue, Glen-  
view, Cook County, IL 60025 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) UESHIMA, Yasutsugu [JP/JP]; c/o JPF  
Works Ltd., 1-8-3 Funaba Nishi, Minomo-shi,  
Osaka-fu (JP). YAMAGAWA, Keiji [JP/JP];  
c/o JPF Works Ltd., 1-8-3 Funaba Nishi, Mi-  
nomo-shi, Osaka-fu (JP).

(74) HAUPTMAN, Benjamin, J.; Lowe Haupt-  
man Gilman & Berner, LLP, 1700 Diagonal  
Rd, Suite 300, Alexandria, VA 22314 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B25B 13/48, F16B 23/00

(11) WO 2005/028161 (13) A1

(21) PCT/JP2004/013746

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-331901 24 Sep/sep 2003 JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TOOL FOR TIGHTENING SECURITY  
NUT, TOOL FOR RELEASING SECUR-  
ITY NUT, TOOL FOR BOTH TIGHT-  
ENING AND RELEASING SECURITY  
NUT, AND SECURITY NUT FOR EX-  
CLUSIVE USE OF THESE TOOLS

• OUTIL DE SERRAGE D'ECROU DE  
SECURITE, OUTIL DE DESERRAGE  
D'ECROU DE SECURITE, OUTIL DE  
SERRAGE-DESERRAGE D'ECROU DE  
SECURITE, ET ECROU DE SECURITE  
UTILISABLE UNIQUEMENT AVEC  
LES DITS OUTILS

(71) KOYOKIZAI CO., LTD. [JP/JP]; 1-81,  
Higashinae3-jo 3-chome, Higashi-ku, Sap-  
poro-shi, Hokkaido, 0070803 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) ITO, Katsuo [JP/JP]; 7-15, Mako-  
manakashiwaoka 2-chome, Minami-ku,  
Sapporo-shi, Hokkaido, 0050022 (JP).

(74) SAGAWA, Shingo; Sagawa Shingo In-  
ternational Patent Office 3rd-floor, DAN-  
LOP-SK-Building 4-16, Odori-Nishi10-  
chome Chuo-ku Sapporo-shi Hokkaido,  
0600042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B25B 19/00, 23/00

(11) WO 2005/028162 (13) A1

(21) PCT/FR2004/002187

(22) 25 Aug/août 2004 (25.08.2004)

(25) fr (26) fr

(30) 0310827 16 Sep/sep 2003 FR  
(16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NUT-TIGHTENING AND -LOOSEN-  
ING DEVICE

• DISPOSITIF POUR LE SERRAGE ET  
LE DESSERRAGE D'ECROUS

(71) ETABLISSEMENTS PONTICELLI FR-  
ERES [FR/FR]; 5, place des Alpes, F-75013  
Paris (FR).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) LESAIN, Michel [FR/FR]; 27, avenue  
de Longchamp, F-76620 le Havre (FR).  
DOUYERE, Jean-Pierre [FR/FR]; hameau  
de Roucrotte, F-76450 Grainville la Tein-  
turrière (FR).

(74) CABINET GERMAIN & MAUREAU; 39,  
rue de Liège, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B25H

- (11) WO 2005/028163 (13) A2  
(21) PCT/US2004/030796  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) en (26) en  
(30) 10/667,251 19 Sep/sep 2003 US (19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • TOOL ORGANIZER  
• ENSEMBLE DE RANGEMENT D'OUTILS  
(71, 72) GUIRLINGER, Edward, G. [US/US]; 5868 Kitzmiller Road, New Albany, OH 43054 (US).

- (74) LECH, Robert, R.; Calfee, Halter & Griswold LLP, Suite 1100, 21 East State Street, Columbus, OH 43215-4243 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B25H 1/00

- (11) WO 2005/028164 (13) A1  
(21) PCT/IB2004/000524  
(22) 29 Feb/fév 2004 (29.02.2004)  
(25) en (26) en  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • IMPROVED UNIVERSAL VEHICLE ENGINE, GEARBOX AND LIKE STAND  
• SUPPORT UNIVERSEL PERFECTIONNE POUR MOTEUR, BOITE DE VITESSES ET ORGANES SIMILAIRES DE VEHICULE

- (71, 72) NIKOLIC, Ljubomir [ZA/ZA]; 16 Palm Sands, Clam Road, Table View 7441 (ZA).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> B25H 3/02

- (11) WO 2005/028165 (13) A1  
(21) PCT/GB2004/003912  
(22) 13 Sep/sep 2004 (13.09.2004)  
(25) en (26) en  
(30) 0321743.7 17 Sep/sep 2003 GB (17.09.2003)  
(30) 0326302.7 11 Nov/nov 2003 GB (11.11.2003)  
(30) 0405983.8 16 Mar/mar 2004 GB (16.03.2004)  
(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • INVENTORY CONTROL SYSTEM  
• SYSTEME DE CONTROLE D'INVENTAIRE

- (71) COPLAN LIMITED [GB/GB]; Michigan Drive, Tongwell, Milton Keynes MK15 8HQ (GB).  
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) KING, Roy, Derrick [GB/GB]; Newton House, Newton Blossomville, Bedford MK43 8AL (GB).

- (74) RAYNOR, Simon, Mark; Urquhart-Dykes & Lord LLP, Midsummer House, Midsummer Boulevard, Central Milton Keynes MK9 3BN (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B25J 13/00

- (11) WO 2005/028166 (13) A1  
(21) PCT/JP2004/013788  
(22) 22 Sep/sep 2004 (22.09.2004)  
(25) ja (26) ja  
(30) 2003-329321 22 Sep/sep 2003 JP (22.09.2003)  
(30) 2004-166688 4 Jun/juin 2004 JP (04.06.2004)  
(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • DEVICE AND METHOD FOR CONTROLLING ELASTIC-BODY ACTUATOR  
• DISPOSITIF ET PROCEDE DE COMMANDE D'ACTIONNEUR A CORPS ELASTIQUE

- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) OKAZAKI, Yasunao/YAMAMOTO, Masaki/ADACHI, Yuji/ASAI, Katsuhiko/YOKOYAMA, Kazuo

- (74) KAWAMIYA, Osamu et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka-shi, Osaka 540-0001 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B25J 15/00, F16B 5/06

- (11) WO 2005/028167 (13) A1  
(21) PCT/EP2004/009343  
(22) 20 Aug/août 2004 (20.08.2004)  
(25) de (26) de  
(30) 203 13 551.2 29 Aug/août 2003 DE (29.08.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • SUPPORTING BODY FOR SCAFFOLD POLES OF A POSITION SCAFFOLDING

- CORPS SUPPORT POUR ECO-PERCHES D'UN ECHAFFAUDAGE DE POSITIONNEMENT

- (71) KUKA SCHWEISSANLAGEN GMBH [DE/DE]; Blücherstr. 144, 86165 Augsburg (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NÜCHTER, Elmar [DE/DE]; Soldnerstr. 11 1/2, 86167 Augsburg (DE). KIKUT, Botho [DE/DE]; Novalisstr. 10, 86157 Augsburg (DE).

(74) ERNICKE, H.-D. et al. / etc.; Schwibbogenplatz 2b, 86153 Augsburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B26D 7/20

(11) WO 2005/028168 (13) A1

(21) PCT/EP2004/008017

(22) 17 Jul/juil 2004 (17.07.2004)

(25) de (26) de

(30) 203 13 904.6 4 Sep/sep 2003 DE (04.09.2003)

(30) 20 2004 007 132.0 3 May/mai 2004 DE (03.05.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE AND METHOD FOR STAMPING PACKAGING ELEMENTS OR SIMILAR

• DISPOSITIF ET PROCÉDE DE DECOUPE D'ELEMENTS D'EMBALLAGE OU SIMILAIRES

(71) METALL + PLASTIC GMBH [DE/DE]; Bodmaner Strasse 2, 78315 Radolfzell (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JAKOB, Joachim [DE/DE]; Im Mezgerwaidring 41, 78315 Radolfzell-Stahringen (DE).

(74) HIEBSCH, Gerhard, F. et al. / etc.; Hiebsch Behrmann, Heinrich-Weber-Platz 1, 78224 Singen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B27G

(11) WO 2005/028169 (13) A2

(21) PCT/US2004/030427

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/503.680 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • POWER TOOL AND COMPONENTS THEREFOR

• OUTIL À COMMANDE MÉCANIQUE ET COMPOSANTS ASSOCIÉS

(71) WMH TOOL GROUP, INC. [US/US]; 2420 Vantage Drive, Elgin, IL 60123 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PHILLIPS, William, J. [US/US]; 1493 Lily Cache Lane, Bolingbrook, IL 60490 (US). CURRY, William, P. [US/US]; 213 White Oak Street, Hampshire, IL 60140 (US).

(74) SAMPLES, Kenneth, H.; Fitch, Even, Tabin & Flannery, Suite 1600, 120 South LaSalle, Chicago, IL 60603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B28B 11/04, H01J 61/35

(11) WO 2005/028170 (13) A1

(21) PCT/JP2004/013981

(22) 16 Sep/sep 2004 (16.09.2004)

(25) ja (26) ja

(30) 2003-328345 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR PRODUCING CERAMIC SINTERED ARTICLE, CERAMIC SINTERED ARTICLE AND LIGHT EMITTING CONTAINER

• PROCÉDE DE PRODUCTION D'UN ARTICLE EN CERAMIQUE FRITTE, ARTICLE EN CERAMIQUE FRITTE ET CONTENEUR ELECTROLUMINESCENT

(71) NGK INSULATORS, LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 4678530 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUZUKI, Michio [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 4678530 (JP).

(74) HOSODA, Masutoshi et al. / etc.; Akasaka Twin Tower Main Tower 11F, 17-22, Akasaka 2-chome, Minato-ku, Tokyo 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B28B 19/00

(11) WO 2005/028171 (13) A2

(21) PCT/FR2004/001265

(22) 21 May/mai 2004 (21.05.2004)

(25) fr (26) fr

(30) 03292089.4 25 Aug/août 2003 EP (25.08.2003)

(30) 04290493.8 24 Feb/fév 2004 EP (24.02.2004)

(30) 04290495.3 24 Feb/fév 2004 EP (24.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HYDRAULIC BINDER-BASED, TAPERED-EDGE BOARDS, PRODUCTION METHOD AND PRODUCTION LINE THEREFOR, AND LIGHT WORK CONSTRUCTION METHOD

• PLAQUES A BASE DE LIANT HYDRAULIQUE A BORDS AMINCIS, PROCÉDE DE FABRICATION DE PLAQUES A BASE DE LIANT HYDRAULIQUE ET LIGNE DE PRODUCTION DE TELLES PLAQUES, ET PROCÉDE DE CONSTRUCTION DE SECOND OEUVRE

(71) LAFARGE PLATRES [FR/FR]; 500, rue Marcel Demonque, Zone du Pôle Technologique Agroparc, F-84915 Avignon Cedex 09 (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JALLON, Paul [FR/FR]; 25, allée de Chartres, F-33000 Bordeaux (FR). LAURENT, Jean-Louis [FR/FR]; Lieu-dit Andreau, F-33230 Bayas (FR). PERONNET, Frédéric [FR/FR]; 12, route de la Chaise, F-33450 Montussan (FR). ARESE, Roger [FR/FR]; 3, résidence les Aubépines, F-84800 Isle sur La Sorgue (FR). ZBINDEN, Lionel [FR/FR]; 8, impasse des Vairons, F-84800 L'Isle Sur La Sorgue (FR). VIAI, Emmanuel [FR/FR]; 3, rue Gaston Boissier, F-30900 Nîmes (FR). MARTIN, Loïc [FR/FR]; 9, lotissement des Peupliers, F-84250 Le Thor (FR).

(74) POCHART, François et al. / etc.; Cabinet Hirsch-Pochart, 58, avenue Marceau, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B28D 5/00, C03B 33/033

(11) WO 2005/028172 (13) A1

(21) PCT/JP2004/013962

(22) 24 Sep/sep 2004 (24.09.2004)

(25) ja (26) ja

(30) 2003-332416 24 Sep/sep 2003 JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SUBSTRATE DICING SYSTEM, SUB-  
STRATE MANUFACTURING APPA-  
RATUS, AND SUBSTRATE DICING  
METHOD

• SYSTEME DE DECOUPAGE EN DES  
DE SUBSTRAT, APPAREIL DE FABRI-  
CATION DE SUBSTRAT, ET PROCEDE  
DE DECOUPAGE EN DES DE SUB-  
STRAT

(71) MITSUBOSHI DIAMOND INDUS-  
TRIAL CO., LTD. [JP/JP]; 2-12-12, Mi-  
nami-Kaneden, Suita-city, Osaka 5640044  
(JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) NISHIO, Yoshitaka [JP/JP]; c/o MIT-  
SUBOSHI DIAMOND INDUSTRIAL CO.,  
2-12-12, Minami-Kaneden, Suita-city, Os-  
aka 5640044 (JP). OKAJIMA, Yasutomo  
[JP/JP]; c/o MITSUBOSHI DIAMOND  
INDUSTRIAL CO., 2-12-12, Minami-Kane-  
den, Suita-city, Osaka 5640044 (JP). OS-  
HIMA, Yukio [JP/JP]; c/o MITSUBOSHI  
DIAMOND INDUSTRIAL CO., 2-12-12,  
Minami-Kaneden, Suita-city, Osaka 5640044  
(JP). ONARI, Hiroyuki [JP/JP]; c/o MIT-  
SUBOSHI DIAMOND INDUSTRIAL CO.,  
2-12-12, Minami-Kaneden, Suita-city, Osaka  
5640044 (JP). YOSHIMOTO, Kazuhiro  
[JP/JP]; c/o MITSUBOSHI DIAMOND IN-  
DUSTRIAL CO., 2-12-12, Minami-Kaneden,  
Suita-city, Osaka 5640044 (JP).

(74) YAMAMOTO, Shusaku et al. / etc.;  
Fifteenth Floor, Crystal Tower, 2-27, Shi-  
romi 1-chome, Chuo-ku, Osaka-shi, Osaka  
5406015 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B29B 9/06

(11) WO 2005/028173 (13) A1

(21) PCT/JP2004/013062

(22) 8 Sep/sep 2004 (08.09.2004)

(25) ja (26) ja

(30) 2003-324550 17 Sep/sep 2003 JP  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF MANUFACTURING  
THERMOPLASTIC RESIN FOAM PAR-  
TICLE

• PROCEDE DE FABRICATION DE PAR-  
TICULES DE MOUSSE EN RESINE  
THERMOPLASTIQUE

(71) SEKISUI PLASTICS CO., LTD. [JP/JP];  
4-4, Nishitenma 2-chome, Kita-ku, Os-  
aka-shi, Osaka 530-8565 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KOBAYASHI, Toshiro [JP/JP]; 868-50,  
Nakayamacho-nishi 1-chome, Nara-shi, Nara  
631-0013 (JP). DOI, Tsuneo [JP/JP]; 1-20,  
Suzaku 4-chome, Nara-shi, Nara 631-0806  
(JP). KOBAYASHI, Hideki [JP/JP]; 4-7-1-4-  
1102, Honcho, Koga-shi, Ibaraki 306-0023  
(JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu,  
Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B29B 15/10, D06M 15/55, 13/11, 13/196,  
11/52, 11/09

(11) WO 2005/028174 (13) A2

(21) PCT/US2004/019188

(22) 16 Jun/juin 2004 (16.06.2004)

(25) en (26) en

(30) 60/478,936 16 Jun/juin 2003 US  
(16.06.2003)

(30) 60/490,556 28 Jul/juil 2003 US  
(28.07.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FABRICATION OF CARBON NAN-  
OTUBE REINFORCED EPOXY POLY-  
MER COMPOSITES USING FUNC-  
TIONALIZED CARBON NANOTUBES

• FABRICATION DE COMPOSITES  
DE POLYMERES EPOXYDES REN-  
FORCES PAR DES NANOTUBES DE  
CARBONE A L'AIDE DE NANOTUBES  
DE CARBONE FONCTIONNALISES

(71) WILLIAM MARSH RICE UNIVERSITY  
[US/US]; 6100 Main St., Houston, TX 77005  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KHABASHESKU, Valery, N. [RU/US];  
2421-B Dollington St., Houston, TX 77030  
(US). ZHU, Jiang [CN/US]; 11675 W.  
Bellfort St., No. 1224, Houston, TX 77099  
(US). PENG, Haiqing [CN/US]; 5606 Bis-  
sonnet, No. 49, Houston, TX 77030 (US).  
BARRERA, Enrique V. [US/US]; 916 S.  
Shepard, Houston, TX 77019 (US). MAR-  
GRAVE, John, L. [US/US]; 4511 Verone,  
Bellaire, TX 77401 (US).

(74) SHADDOX, Robert, C. et al. / etc.; WIN-  
STEAD SECHREST & MINICK P.C., P.O.  
Box 50784, Dallas, TX 75201-0784 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B29C

(11) WO 2005/028175 (13) A2

(21) PCT/CA2004/001747

(22) 24 Sep/sep 2004 (24.09.2004)

(25) en (26) en

(30) 10/668,337 24 Sep/sep 2003 US  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ARBOR CONSTRUCTION FOR  
ON-SITE ASSEMBLY

• STRUCTURE DE TONNELLE POUR  
ASSEMBLAGE SUR SITE

(71) BRYAN HOLDINGS INC. [CA/CA]; 2  
Manchester Court, Bolton, Ontario L7E 2J3  
(CA).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BRYAN, Robert, J. [CA/CA]; 1 Palace  
Pier Court, Suite 1203, Etobicoke, Ontario  
M8V 3W9 (CA). ARATO, Paul, Thomas  
[CA/CA]; 86 Rusty Crestway, Willowdale,  
Ontario M2J 2Y4 (CA).

(74) KEYSER MASON Ball, LLP; Four Robert  
Speck Parkway, Suite 1600, Mississauga, On-  
tario L4Z 1S1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

**Declaration / Déclaration :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> B29C

(11) WO 2005/028176 (13) A2

(21) PCT/US2004/031071

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 10/665,992 19 Sep/sep 2003 US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS FOR FORMING A PATTERNED THIN FILM STRUCTURE FOR IN-MOLD DECORATION

• PROCEDE DE FORMATION DE MOTIFS DE STRUCTURES DE FILMS MINCES POUR DES DECORATION EN MOULE

(71) SIPIX IMAGING, INC. [US/US]; 1075 Montague Expressway, Milpitas, California 95035 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHAUG, Yi-Shung [US/US]; 10142 Bilich Place, Cupertino, California 95014 (US). WANG, Xiaojia [US/US]; 2589 Olive Avenue, Fremont, California 94539 (US). KILUK, Sean [US/US]; 4441 Valley Avenue #B, Pleasanton, CA 94566 (US). TSENG, Scott [CN/US]; 209 East Red Oak Drive #D, Sunnyvale, California 94086 (US). ZANG, HongMei [CN/US]; 209 East Red Oak Drive #D, Sunnyvale, California 94086 (US). LIANG, Rong-Chang [US/US]; 20142 Pacifica Drive, Cupertino, California 95014 (US).

(74) KUNG, Viola T.; 2941 Fairview Park Drive, Box 7, Falls Church, Virginia 22042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B29C 39/06, 39/44, G02B 3/00 // B29L 11:00

(11) WO 2005/028177 (13) A1

(21) PCT/JP2004/014050

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-326304 18 Sep/sep 2003 JP  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MANUFACTURING APPARATUS FOR PLASTIC LENS

• APPAREIL DE PRODUCTION POUR LENTILLES EN PLASTIQUE

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo 1630811 (JP).

(72) KARASAWA, Isao; C/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 3928502 (JP).

(74) KAMIYANAGI, Masataka et al. / etc.; C/o Intellectual Property Division Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 3928502 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B29C 44/18

(11) WO 2005/028178 (13) A1

(21) PCT/US2004/030187

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/504,260 18 Sep/sep 2003 US  
(18.09.2003)

(30) 10/941,553 15 Sep/sep 2004 US  
(15.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD OF EMPLOYING A POROUS CONTAINER FOR SEALING, BAFFLING OR REINFORCING

• SYSTEME ET PROCEDE DE MISE EN OEUVRE D'UN CONTENANT POREUX AUX FINS D'ETANCHEITE, CHICANAGE OU RENFORCEMENT

(71) L & L PRODUCTS, INC. [US/US]; 160 McLean Drive, Romeo, MI 48065 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOSAL, David, J. [US/US]; 67903 Lake Angela Drive, Richmond, MI 48062 (US). HICKS, Kevin [US/US]; 27161 Ponchartrain, Harrison Township, MI 48045 (US). CARLSON, David [US/US]; 287 Arlington Drive, Rochester Hills, MI 48307 (US). CZAPLICKI, Michael, J. [US/US];

184 Whims Lane, Rochester, MI 48306 (US). BIEBER, Serge [FR/FR]; 8, rue du Maréchal Leclerc, F-67700 Haegen (FR). BUSSEUIL, Dominique [GB/FR]; 29, rue Joseph Borin, F-71100 Lux (FR).

(74) CHAPPLE, Scott, A.; Dobrusin & Thenisch PC, Suite 311, 401 South Old Woodward Avenue, Birmingham, MI 48009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B29C 44/32, 44/06

(11) WO 2005/028179 (13) A1

(21) PCT/IE2004/000127

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 2003/0689 19 Sep/sep 2003 IE  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A PANEL  
• PANNEAU

(71) KINGSPAN RESEARCH AND DEVELOPMENTS LIMITED [IE/IE]; Dublin Road, Kingscourt, County Cavan (IE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CAROLAN, James [IE/IE]; Drumpeak, Kingscourt, County Cavan (IE).

(74) O'BRIEN, John, A., et al. / etc.; John A. O'Brien & Associates, Third Floor, Duncairn House, 14 Carysfort Avenue, Blackrock, County Dublin (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B29C 44/34, 44/14

(11) WO 2005/028180 (13) A1

(21) PCT/EP2004/009426

(22) 24 Aug/août 2004 (24.08.2004)

(25) de (26) de

(30) 103 41 032.5 3 Sep/sep 2003 DE  
(03.09.2003)

- (30) 103 41 855.5      **9 Sep/sep 2003**      DE  
(09.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MOLDED PART, ESPECIALLY A FITTING FOR A MOTOR VEHICLE AND METHOD FOR THE PRODUCTION THEREOF
- PIECE MOULEE, NOTAMMENT PIECE DE REVETEMENT POUR AUTOMOBILE, ET PROCEDE POUR LA PRODUIRE
- (71) JOHNSON CONTROLS INTERIORS GMBH & CO. KG [DE/DE]; Mülhausener Strasse 35, 47929 Grefrath (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MANIATOPOULOS, Vassilios [GR/DE]; In der Welheimer Mark 28, 46238 Bottrop (DE). KLEINHOLZ, Rudolf [DE/DE]; Am Wilhelmstein 15, 52146 Würselen (DE). JONES, Derek [GB/DE]; Hennefer Strasse 60, 53567 Buchholz (DE). KREITLOW, Reinhard [DE/DE]; Stadionstrasse 20A, 47929 Grefrath (DE). PARUCHURI, Sreenivas [IN/DE]; Volmer-swerther Strasse 76, 40221 Düsseldorf (DE).
- (74) HEMMELMANN, Klaus; Johnson Controls GmbH, Industriestrasse 20-30, 51399 Burscheid (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B29C 45/07, 45/77
- (11) WO 2005/028181      (13) A1
- (21) PCT/JP2004/013318
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) ja      (26) ja
- (30) 2003-324893      **17 Sep/sep 2003**      JP  
(17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND DEVICE FOR PRESSURE CONTROL OF ELECTRIC INJECTION MOLDING MACHINE
- PROCEDE ET DISPOSITIF POUR CONTROLER LA PRESSION D'UNE MACHINE ELECTRIQUE A MOULER PAR INJECTION
- (71) UBE MACHINERY CORPORATION, LTD. [JP/JP]; 1980, Aza Okinoyama, Oaza Kogushi, Ube-shi, Yamaguchi, 7558633 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OKAZAKI, Yoshinori [JP/JP]; 1980, Aza Okinoyama, Oaza Kogushi, Ube-shi, Yamaguchi, 7558633 (JP).
- (74) ITAMI, Masaru; 301, Daini-Seikoh Bldg., 2-11, Kudan-kita 4-chome, Chiyoda-ku, Tokyo, 1020073 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B29C 45/34
- (11) WO 2005/028182      (13) A1
- (21) PCT/US2004/030335
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en      (26) en
- (30) 60/503,354      **16 Sep/sep 2003**      US  
(16.09.2003)
- (30) 60/515,585      **29 Oct/oct 2003**      US  
(29.10.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • BREATHER SYSTEM FOR A RECIPROCATING MOLD PLATE PATTY-FORMING APPARATUS
- SYSTEME DE RENIFLARD POUR UN APPAREIL DE FORMAGE DE GAZETTE PAR PLAQUE DE MOULE ALLANT ET VENANT
- (71) FORMAX, INC. [US/US]; 9150 191st Street, Mokena, IL 60448 (US).
- (72) LINDEE, Scott, A.; Formax, Inc., 9150 191st Street, Mokena, IL 60448 (US). HANSEN, David; Formax, Inc., 9150 191st Street, Mokena, IL 60448 (US). HANCOCK, David; Formax, Inc., 9150 191st Street, Mokena, IL 60448 (US).
- (74) ERICKSON, Randall, T.; The Law Office of Randall T. Erickson, P.C., Suite 1, 425 W. Wesley Street, Wheaton, IL 60187 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B29C 45/60, 45/50
- (11) WO 2005/028184      (13) A1
- (21) PCT/JP2004/014318
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) ja      (26) ja
- (30) 2003-329887      **22 Sep/sep 2003**      JP  
(22.09.2003)
- (30) 2004-269857      **16 Sep/sep 2004**      JP  
(16.09.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PLASTICIZING SCREW AND PLASTICIZING MECHANISM FOR RESIN MATTER
- VIS DE PLASTIFICATION ET MECANISME DE PLASTIFICATION POUR MATIERE RESINEUSE
- (71) AUTONETWORKS TECHNOLOGIES, LTD. [JP/JP]; 1-14 Nishisuehiro-cho, Yokkaichi-shi, Mie, 5108503 (JP). SUMITOMO WIRING SYSTEMS, LTD. [JP/JP]; 1-14 Nishisuehiro-cho, Yokkaichi-shi, Mie, 5108503 (JP). SUMITOMO ELECTRIC INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5540024 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OKABE, Yoshifumi [JP/JP]; c/o AUTONETWORKS TECHNOLOGIES, LTD., 1-14 Nishisuehiro-cho, Yokkaichi-shi, Mie, 5108503 (JP). SUZUKI, Toshiaki [JP/JP]; c/o AUTONETWORKS TECHNOLOGIES, LTD., 1-14 Nishisuehiro-cho, Yokkaichi-shi, Mie, 5108503 (JP).
- (74) UENO, Noboru; KS Iseya Building 8th Floor, 21-23, Sakae 3-chome, Naka-ku, Nagoya-shi, Aichi 460-0008 (JP).
- 
- (51)<sup>7</sup> B29C 45/50
- (11) WO 2005/028183      (13) A1
- (21) PCT/EP2004/008610
- (22) 30 Jul/juil 2004 (30.07.2004)
- (25) de      (26) de

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B29C 45/76
- (11) WO 2005/028185 (13) A1
- (21) PCT/US2004/030336
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 60/503,354 16 Sep/sep 2003 US (16.09.2003)
- (30) 60/515,585 29 Oct/oct 2003 US (29.10.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DRIVE SYSTEMS FOR A RECIPROCATING MOLD PLATE PATTY-FORMING MACHINE
- SYSTEME D'ENTRAINEMENT POUR MACHINES DE FORMAGE DE GALETES A PLAQUE DE MOULE AL-LANT ET VENANT
- (71) FORMAX, INC. [US/US]; 9150 191st Street, Mokena, IL 60448 (US).
- (72) HANSEN, David; c/o Formax, Inc., 9150 191st Street, Mokena, IL 60448 (US). SANDBERG, Glenn; c/o Formax, Inc., 9150 191st Street, Mokena, IL 60448 (US). LINDEE, Scott, A.; c/o Formax, Inc., 9150 191st Street, Mokena, IL 60448 (US). RING, Timothy, W.; c/o Formax, Inc., 9150 191st Street, Mokena, IL 60448 (US).
- (74) ERICKSON, Randall, T.; The Law Office of Randall T. Erickson, P.C., 425 W. Wesley St., Suite 1, Wheaton, IL 60187 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B29C 49/00, 45/26, B65D 39/08, 1/02
- (11) WO 2005/028186 (13) A1
- (21) PCT/EP2004/008917
- (22) 10 Aug/août 2004 (10.08.2004)
- (25) de (26) de
- (30) 203 14 295.0 15 Sep/sep 2003 DE (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PLASTIC INJECTION MOLDED PART AND RECEPTACLE PRODUCED BY BLOW MOLDING THE PLASTIC INJECTION MOLDED PART
- ELEMENT EN PLASTIQUE MOULE PAR INJECTION ET CONTENANT REALISE PAR SOUFFLAGE SUR MATRICE A PARTIR DE CET ELEMENT EN PLASTIQUE MOULE PAR INJECTION
- (71) GEORG MENSCHEN GMBH & CO. KG [DE/DE]; Industriestrasse 26, 57413 Finnentrop (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALBERS, Martin [DE/DE]; Stühlhahnsweg 4, 59846 Sundern (DE).
- (74) COHAUSZ DAWIDOWICZ HANNIG & PARTNER; Schumannstrasse 97-99, 40237 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B29C 53/10, 69/00, B65H 23/32, 39/16
- (11) WO 2005/028187 (13) A1
- (21) PCT/EP2004/009481
- (22) 25 Aug/août 2004 (25.08.2004)
- (25) de (26) de
- (30) 103 42 620.5 12 Sep/sep 2003 DE (12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • FILM TURNING STATION
- STATION DE CHANGEMENT DE DIRECTION DE FEUILLES
- (71) WINDMÖLLER & HÖLSCHER KG [DE/DE]; Münsterstrasse 50, 49525 Lengerich (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KASSELNANN, Gerd [DE/DE]; Am Borgberg 19, 49170 Hagen a. T.W. (DE).
- (74) Windmüller & Hölscher KG; WEBER, Jan, Thorsten, Münsterstrasse 50, 49525 Lengerich (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B29C 55/12, C08G 59/42, C08L 67/02
- (11) WO 2005/028188 (13) A1
- (21) PCT/JP2004/013758
- (22) 21 Sep/sep 2004 (21.09.2004)
- (25) ja (26) ja
- (30) 2003-368117 22 Sep/sep 2003 JP (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESS FOR PRODUCING PACKAGING FILM WITH WELD-CUT SEALING/THERMAL SHRINKAGE CAPABILITY CONSTITUTED OF POLYETHYLENE TEREPHTHALATE BLOCK COPOLYMER POLYESTER
- PROCEDE POUR PRODUIRE UN FILM D'EMBALLAGE AVEC CAPACITE DE RETRAIT THERMIQUE/THERMOCELLAGE PAR SOUDAGE-DECOUPAGE, CONSTITUE DE POLYESTER DE COPOLYMERE BLOC DE POLYETHYLENE TEREPHTHALATE
- (71) NAKAMOTO PACKS CO., LTD. [JP/JP]; 2-8, Karahori-cho, Tennouji-ku, Osaka-shi, Osaka 543-0012 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUJIMAKI, Takashi [JP/JP]; 634-4-442, Noba-cho Kounan-ku, Yokohama-shi, Kanagawa 234-0056 (JP). KOBAYASHI, Yukio [JP/JP]; Azel No. 1410 16-1, Oomori-cho 5-chome, Oota-ku, Tokyo 143-0016 (JP). NAKAMOTO, Takashi [JP/JP]; 2-8, Karahori-cho, Tennouji-ku, Osaka-shi, Osaka 543-0012 (JP). SHIBANO, Hiroshi [JP/JP]; 36-4-105, Kounandai 4-chome Kounan-ku, Yokohama-shi, Kanagawa 234-0054 (JP).
- (74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.



(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B29C 63/10, F16F 1/366, B29C 53/72, 53/70, B60G 11/14

(11) WO 2005/028189 (13) A1

(21) PCT/FR2004/002273

(22) 8 Sep/sep 2004 (08.09.2004)

(25) fr (26) fr

(30) 0310823 16 Sep/sep 2003 FR (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF PRODUCING A SPRING WIRE AND WIRE THUS PRODUCED

• PROCEDE POUR LA REALISATION D'UN FIL POUR RESSORT ET FIL REALISE SELON CE PROCEDE

(71, 72) SARDOU, Max [FR/FR]; 18, rue du Sauvoy, F-77165 Saint-Soupplets (FR).

(74) FLAVENOT, Bernard; Abritt, 17, rue du Dr Charcot, F-91290 La Norville (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B29C 67/24, 44/12, B32B 5/18, B64D 11/00 // B29K 75:00

(11) WO 2005/028190 (13) A1

(21) PCT/US2004/030418

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/666,109 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • REACTION INJECTION MOLDED MEMBERS AND METHOD OF FORMING

• ELEMENTS MOULES PAR INJECTION ET REACTION ET PROCEDE DE FORMAGE CORRESPONDANT

(71) THE BOEING COMPANY [US/US]; P.O. Box 3707, M/S 11-XT, Seattle, WA 98124-2207 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) GIDEON, David, E.; 731 N. 70th Street, Seattle, WA 98103 (US). JACKSON, Eugene, A.; 2421 Monteray Avenue NE, Renton, WA 98056 (US). VAUGHAN, David,

A.; 14829 70th Avenue NE, Renton, WA 98056 (US).

(74) GALBRAITH, Ann, K.; The Boeing Company, P.O. Box 3707, M/S 11-XT, Seattle, WA 98124-2207 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B29C 70/18, D04H 1/64

(11) WO 2005/028191 (13) A1

(21) PCT/EP2004/009773

(22) 1 Sep/sep 2004 (01.09.2004)

(25) en (26) en

(30) 10/670,039 24 Sep/sep 2003 US (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FIBROUS VEIL FOR CLASS A SHEET MOLDING COMPOUND APPLICATIONS

• VOILE FIBREUX DESTINÉ AUX APPLICATIONS DE MÉLANGE À MOULER EN FEUILLES DE CLASSE A

(71) OWENS CORNING COMPOSITES S.P.R.L. [BE/BE]; 166, Chaussée de la Hulpe, B-1170 Brussels (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURROWS, Robert, D. [GB/GB]; 56 Lodore Road, Bradford Yorkshire BD2 4JH (GB).

(74) JACOB, Reuben, E. et al. / etc.; R G C Jenkins & Co., 26 Caxton Street, London Greater London SW1H 0RJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B29D

(11) WO 2005/028192 (13) A2

(21) PCT/US2004/030650

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en

(26) en

(30) 10/665,968 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MOLDED PLASTIC GANGWAY

• PASSERELLE EN PLASTIQUE MOULE

(71) E-Z DOCK, INC. [US/US]; 878 Highway 60, PO Box 420, Monett, MO 65708 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OSTRENG, Troy [US/US]; 251 South Elk Valley Drive, Nixa, MO 65714 (US). MOODY, Larry [US/US]; 114B Aubree Court, Monett, MO 65708 (US).

(74) SOIFER, Jonathan, P.; Polster, Lieder, Woodruff & Lucchesi, L.C., 12412 Powercourt Drive, St. Louis, MO 63131 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B29D 11/00

(11) WO 2005/028193 (13) A1

(21) PCT/US2004/030232

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,201 15 Sep/sep 2003 US (15.09.2003)

(30) 10/775,567 10 Feb/fév 2004 US (10.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF MANUFACTURING MULTI-POLYMER OPTICAL FIBER CABLE

• PROCEDE DE FABRICATION DE CABLE EN FIBRES OPTIQUES MULTIPOLYMERES

(71) NANOPTICS, INCORPORATED [US/US]; 3014 Northeast 21st Way, Gainesville, FL 32609 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WALKER, James, K. [US/US]; 2425 Northwest 26th Place, Gainesville, FL 32605 (US).

(74) PARKER, James, S. et al. / etc.; Salivanchik, Lloyd & Salivanchik, P.O. Box 142950, Gainesville, FL 32614-2950 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> B29D 24/00, B32B 3/12

(11) WO 2005/028194 (13) A1

(21) PCT/KR2004/002326

(22) 14 Sep/sep 2004 (14.09.2004)

(25) ko (26) en

(30) 20-2003-0030238 24 Sep/sep 2003 KR  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A METHOD OF MAKING HONEY-  
COMB STRUCTURE

- PROCEDE POUR FABRIQUER UNE  
STRUCTURE A NIDS D'ABEILLE

(71, 72) PARK, Kihoo [KR/KR]; 558-10  
Sip-Jong-Dong, Bu-Pyong-Gu, Incheon  
403-130 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OMPG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (b)

(51)<sup>7</sup> B30B 5/06, C04B 30/00, F16L 59/02,  
B28B 3/12

(11) WO 2005/028195 (13) A1

(21) PCT/EP2004/009319

(22) 19 Aug/août 2004 (19.08.2004)

(25) de (26) de

(30) 103 39 679.9 28 Aug/août 2003 DE  
(28.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONTINUOUS METHOD FOR PRO-  
DUCING A THERMAL INSULATION  
BOARD

- PROCEDE CONTINU DE PRODUC-  
TION D'UN PANNEAU CALORIFUGE

(71) WACKER-CHEMIE GMBH [DE/DE];  
Hanns-Seidel-Platz 4, 81737 München (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) EYHORN, Thomas [DE/DE]; Wal-  
zlings 6, 87452 Altusried (DE). HENN,  
Dieter [DE/DE]; Zugspitzstrasse 4, 87448  
Waltenhofen (DE).

(74) POTTEN, Holger et al. / etc.; Wacker-  
Chemie GmbH, Hanns-Seidel-Platz 4, 81737  
München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B30B 9/32, B29B 17/00

(11) WO 2005/028196 (13) A1

(21) PCT/IT2003/000621

(22) 14 Oct/oct 2003 (14.10.2003)

(25) en (26) en

(30) MI2003A001828 24 Sep/sep 2003 IT  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPARATUS FOR COMPACTING  
EMPTY PLASTIC OR THIN METAL  
CONTAINERS FOR PRODUCTS SUCH  
AS WATER, BEVERAGES, FOOD

- DISPOSITIF DE COMPRESSION DE  
RECIPIENTS VIDES EN PLASTIQUE  
OU EN METAL FIN POUR PRODUITS  
TELS QUE L'EAU, LES BOISSONS ET  
LES ALIMENTS

(71, 72) MONTANARI, Fabrizio [IT/IT]; Via  
Pascoli, 3, Pessano con Bornago (IT).

(74) DIGIOVANNI ITALO; Brevetti Dott. Ing.  
Digiovanni Schmiedt S.r.l., Via Aldrovandi,  
7, I-20129 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OMPH PL PT RO RU  
SC SD SE SG SK SL TJ TM TN TR TT TZ  
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> B30B 15/16

(11) WO 2005/028197 (13) A2

(21) PCT/EP2004/009189

(22) 17 Aug/août 2004 (17.08.2004)

(25) de (26) de

(30) 103 39 651.9 28 Aug/août 2003 DE  
(28.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND DEVICE FOR CON-  
TROLLING PROCESSES DURING  
PRINTING

• PROCEDE ET DISPOSITIF DE  
CONTROLE DE PROCESSUS LORS  
D'UNE IMPRESSION

(71) MAN ROLAND DRUCKMASCHINEN  
AG [DE/DE]; Postfach 10 12 64, 43012  
Offenbach (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SCHUSTER, Alfons [DE/DE]; Bob-  
inger Strasse 94, 86199 Augsburg (DE).

(74) MAN ROLAND DRUCKMASCHINEN  
AG; Postfach 10 00 96, 86135 Augsburg  
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les  
designations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DK DM DZ EC EE EG ES FI GB GD GE  
GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL PT  
RO RU SC SD SE SG SK SL SY TJ TM TN TR TT  
TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(t) for the following designation / pour la  
designation suivante : US

(u) for / pour US only / seulement

(51)<sup>7</sup> B32B 1/08, 27/08, F16L 9/12

(11) WO 2005/028198 (13) A1

(21) PCT/DK2004/000637

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) PA 2003 01371 19 Sep/sep 2003 DK  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A FLEXIBLE UNBONDED PIPE AND  
A METHOD FOR PRODUCING SUCH  
PIPE

- TUYAU SOUPLE A STRUCTURE PAR-  
TIELLEMENT NON LIEE, ET SON  
PROCEDE DE PRODUCTION

(71) NKT FLEXIBLES I/S [DK/DK]; Prior-  
parken 510, DK-2605 Brøndby (DK).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BRAAD, Poul, Erik [DK/DK];  
Teglværksvej 24, DK-3460 Birkerød (DK).

(74) HEGNER, Anette; NKT Research & Inno-  
vation A/S, Group IP, Blokken 84, DK-3460  
Birkerød (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B32B 3/26, 31/20, A47G 1/06

(11) WO 2005/028199 (13) A1

(21) PCT/CA2004/001717

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 2,442,760 25 Sep/sep 2003 CA (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPOSITE LAMINATED PRINT AND FRAME AND METHOD OF FABRICATION

• IMPRIME ET CADRE COMPOSITE STRATIFIE ET PROCEDE DE FABRICATION CORRESPONDANT

(71, 72) CHAIMBERG, Michael [CA/CA]; 6664 St. Patrick Street, Montreal, Québec H8N 1V2 (CA).

(74) OGILVY RENAULT?; Suite 1600, 1981 McGill College Avenue, Montréal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B32B 27/08, C09J 7/02, 7/04

(11) WO 2005/028200 (13) A1

(21) PCT/EP2004/009270

(22) 18 Aug/août 2004 (18.08.2004)

(25) de (26) de

(30) 103 42 355.9 12 Sep/sep 2003 DE (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FIBRE-REINFORCED THERMOPLASTIC LAMINATE

• STRATIFIE THERMOPLASTIQUE RENFORCE PAR DES FIBRES

(71) TESA AG [DE/DE]; Quickbornstrasse 24, 20253 Hamburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PATINO, German [DE/DE]; Klosterhagen 5, 21029 Hamburg (DE).

(74) TESA AG; Quickbornstrasse 24, 20253 Hamburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B32B 27/32, C09J 123/08, 151/06

(11) WO 2005/028201 (13) A1

(21) PCT/US2004/030437

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/664,491 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTILAYER HEAT SEALANT STRUCTURES, PACKAGES AND METHODS OF MAKING THE SAME

• STRUCTURE A THERMO-SCÉLAGE MULTICOUCHE, EMBALLAGES ET PROCEDE DE FABRICATION DE CETTE STRUCTURE

(71) PECHINEY EMBALLAGE FLEXIBLE EUROPE [FR/FR]; 1, rue de l'Union, TSA 11003, F-92843 Rueil Malmaison Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHAEFER, Suzanne, E. [US/US]; 603 East Applecreek Road, Appleton, WI 54913 (US). BLEMBERG, Robert, J. [US/US]; 617 Wildrose Lane, Appleton, WI 54914 (US). GENSKE, Roger, P. [US/US]; 971 Nanning Road, Neenah, WI 54956 (US). CUDNOHOSKE, Eric [US/US]; 2900 West 20th Avenue, Oshkosh, WI 54904 (US).

(74) McDERMOTT WILL & EMERY LLP; 227 West Monroe Street, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B41F 13/00

(11) WO 2005/028202 (13) A1

(21) PCT/EP2004/010479

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 103 43 411.9 19 Sep/sep 2003 DE (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ROTARY PRINTING PRESS

• PRESSE A IMPRIMER ROTATIVE

(71) GALLUS DRUCKMASCHINEN GMBH [DE/DE]; Steinbruchstrasse 5, D-35428 Langgöns-Oberkleen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARABIN, Dieter [DE/DE]; Biengartenweg 21, D-35428 Langgöns-Cleeberg (DE).

BANGEL, Dieter [DE/DE]; Gartenstrasse 4, D-35625 Hüttenberg-Rechtenbach (DE).

(74) SZYMANOWSKI, Carsten; Heidelberger Druckmaschinen AG, Kurfürsten-Anlage 52-60, D-69115 Heidelberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> B41F 17/00, B41J 21/17, G08B 23/00, 13/14, H01Q 1/50, 7/00, 21/00

(11) WO 2005/028203 (13) A1

(21) PCT/US2004/029923

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 10/660,856 12 Sep/sep 2003 US (12.09.2003)

- (30) 10/863,055 **7 Jun/juin 2004** US  
(07.06.2004)
- (30) 10/863,317 **7 Jun/juin 2004** US  
(07.06.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • RFID TAG, ANTENNA, AND PRINTER SYSTEM  
• MARQUEUR D'IDENTIFICATION PAR RADIOFREQUENCE, ANTENNE ET SYSTEME D'IMPRESSION
- (71) PRINTRONIX, INC. [US/US]; 14600 Myford Road, Irvine, California 92623-9559 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BARRUS, Gordon B. [US/US]; 31516 Paseo Christina, San Juan Capistrano, California 92675 (US). SCHUMAKER, Richard E. [US/US]; 5532 E. Partridge Lane, Orange, California 92869 (US). EDWARDS, Andrew W. [US/US]; 31 Sandstone, Irvine, California 92604 (US). GIBBS, Duane C. [US/US]; 14431 Morning Glory Road, Tustin, California 92780 (US). SMITH, Kevin Mark [US/US]; 11 Vassar Aisle, Irvine, California 92612 (US). CONCEPCION JR, Rudy [US/US]; 32 Calle Gazapo, Rancho Santa Margarita, California 92688 (US). CHAPMAN, Theodore A. [US/US]; 30201 Hillside Terrace, San Juan Capistrano, California 92675 (US). MORRIS, Stephen S. [US/US]; 6400 E. Via Corral, Anaheim, California 92807 (US). HARKINS, James P. [US/US]; 22662 Rockford Drive, Lake Forest, California 92630 (US). JARVIS, Bradley S. [US/US]; 2839 Catalpa Street, Newport Beach, California 92660 (US).

- (74) CHEN, Tom; MacPherson Kwok Chen & Heid LLP, 1762 Technology Drive, Suite 226, San Jose, California 95110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- (51)<sup>7</sup> B41F 27/10, 13/08, 31/26  
(11) WO 2005/028204 (13) A1

(21) PCT/EP2004/009075

(22) 12 Aug/août 2004 (12.08.2004)

(25) de (26) de

(30) 103 40 458.9 **3 Sep/sep 2003** DE  
(03.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • SEALING ELEMENTS FOR SLEEVES USED FOR IMPINGING ROLLERS INVOLVED IN A PRINTING PROCESS  
• ELEMENTS D'ETANCHEITE POUR MANCHON SERVANT A LA SOLLECITATION DE CYLINDRES PARTICIPANT AU PROCESSUS D'IMPRESSION

(71) WINDMÖLLER & HÖLSCHER KG [DE/DE]; Münsterstrasse 50, 49525 Lengerich (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BIRGOLEIT, Hans-Joachim [DE/DE]; Am Königshof 27, 49124 Georgsmarienhütte (DE).

(74) WEBER, Jan, Thorsten; Windmüller & Hölscher KG, Münsterstrasse 50, 49525 Lengerich (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> B41F 35/02

(11) WO 2005/028205 (13) A1

(21) PCT/EP2004/010601

(22) 22 Sep/sep 2004 (22.09.2004)

(25) de (26) de

(30) 103 44 115.8 **24 Sep/sep 2003** DE  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • CLEANING DEVICE FOR PRINTING CYLINDERS

• DISPOSITIF DE NETTOYAGE POUR CYLINDRES D'IMPRESSION

(71, 72) MUNZ, Richard [DE/DE]; Ekkebertstrasse 28c, 79117 Freiburg (DE).

(74) MAUCHER, Wolfgang et al. / etc.; Dreikönigstrasse 13, 79102 Freiburg i. Br. (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B41J 2/01

(11) WO 2005/028206 (13) A1

(21) PCT/JP2004/013750

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-331999 **24 Sep/sep 2003** JP  
(24.09.2003)

(30) 2004-258853 **6 Sep/sep 2004** JP  
(06.09.2004)

(30) 2004-258859 **6 Sep/sep 2004** JP  
(06.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • LINE-DOT RECORDER  
• ENREGISTREUR DE POINTS-LIGNES

(71) HAMADA PRINTING PRESS CO., LTD. [JP/JP]; 15-28, Mitejima 2-chome, Nishiyodogawa-ku, Osaka-shi, Osaka 5550012 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) KOTO, HARUHIKO [JP/JP]; 20-15, Kajinocho 4-chome, Koganei-shi, Tokyo 1840002 (JP).

(72, 75) TSUJI, HIROFUMI [JP/JP]; c/o Sanda Plant, Hamada Printing Press Co., Ltd., 5-1, Techno Park, Sanda-shi, Hyogo 6691339 (JP). SANTO, HIROYUKI [JP/JP]; c/o Sanda Plant, Hamada Printing Press Co., Ltd., 5-1, Techno Park, Sanda-shi, Hyogo 6691339 (JP). NAKANO, MASARU [JP/JP]; c/o Sanda Plant, Hamada Printing Press Co., Ltd., 5-1, Techno Park, Sanda-shi, Hyogo 6691339 (JP). SATAKE, OSAMU [JP/JP]; c/o Sanda Plant, Hamada Printing Press Co., Ltd., 5-1, Techno Park, Sanda-shi, Hyogo 6691339 (JP). MIYAJI, MAKOTO [JP/JP]; c/o Hamada Printing Press Co., Ltd., 15-28, Mitejima 2-chome, Nishiyodogawa-ku, Osaka-shi, Osaka 5550012 (JP).

(74) KAMADA, BUNJI et al. / etc.; 18-12, Nipponbashi 1-chome, Chuo-ku, Osaka-shi, Osaka 5420073 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)<sup>7</sup> B41J 2/045, 2/055

(11) WO 2005/028207 (13) A1

(21) PCT/JP2004/013916

(22) 24 Sep/sep 2004 (24.09.2004)

(25) ja (26) ja

(30) 2003-332339 24 Sep/sep 2003 JP (24.09.2003)

(30) 2003-332340 24 Sep/sep 2003 JP (24.09.2003)

(30) 2003-363158 23 Oct/oct 2003 JP (23.10.2003)

(30) 2003-383916 13 Nov/nov 2003 JP (13.11.2003)

(30) 2003-419830 17 Dec/déc 2003 JP (17.12.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • LIQUID INJECTION HEAD AND METHOD OF PRODUCING THE SAME AND LIQUID INJECTION DEVICE

• TETE DE JET DE LIQUIDE ET PROCEDE PERMETTANT DE PRODUIRE CETTE TETE DE JET ET DISPOSITIF DE JET DE LIQUIDE

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo, 1630811 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIMADA, Masato [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi Nagano, 3928502 (JP). YAZAKI, Shiro [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi Nagano, 3928502 (JP). NISHIWAKI, Tsutomu [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi Nagano, 3928502 (JP). TSUDA, Akihito [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi Nagano, 3928502 (JP). YAMADA, Masataka [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi Nagano, 3928502 (JP).

(74) KURIHARA, Hiroyuki; KURIHARA INTERNATIONAL PATENT OFFICE, Iwasaki Bldg. 6F, 3-15, Hiroo 1-chome, Shibuya-ku, Tokyo, 1500012 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)<sup>7</sup> B41J 3/60, 13/00, 2/325, B65H 15/00

(11) WO 2005/028208 (13) A1

(21) PCT/FR2004/002234

(22) 2 Sep/sep 2004 (02.09.2004)

(25) fr (26) fr

(30) 0310584 9 Sep/sep 2003 FR (09.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • DEVICE FOR PRINTING OR OVER-PRINTING BOTH SIDES OF INDIVIDUAL LABELS

• DISPOSITIF POUR L'IMPRESSIION OU LE REPIQUAGE RECTO VERSO D'ETIQUETTES INDIVIDUELLES

(71) SITETIC GRAPHICS [FR/FR]; 2, parc des Fontenelles, Route de Fontenay, F-78870 Bailly (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MICHAUT, Nicolas [FR/FR]; 12, rue des Pâquerettes, F-78650 Beynes (FR).

(74) DE SAINT PALAIS, Arnaud; Cabinet Moutard, 35, rue de la Paroisse, F-78000 Versailles (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

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(51)<sup>7</sup> B42D

(11) WO 2005/028209 (13) A2

(21) PCT/EP2004/051962

(22) 31 Aug/août 2004 (31.08.2004)

(25) de (26) de

(30) 103 42 946.8 17 Sep/sep 2003 DE (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • INLAY SHEET FOR A BOOKLIKE IDENTIFICATION DOCUMENT, BOOKLIKE IDENTIFICATION DOCUMENT AND METHOD FOR THE PRODUCTION OF A BOOKLIKE IDENTIFICATION DOCUMENT

• FEUILLE INTERCALAIRE POUR DOCUMENT D'IDENTIFICATION

DU TYPE LIVRE, DOCUMENT D'IDENTIFICATION DU TYPE LIVRE, ET PROCEDE DE PRODUCTION D'UN TEL DOCUMENT

(71) BUNDESDRUCKEREI GMBH [DE/DE]; Oranienstrasse 91, 10969 Berlin (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SENGE, Carsten [DE/DE]; Scharnhorststrasse 22, 24105 Kiel (DE).

(74) MÜLLER, Cornelia et al. / etc.; HAAR & SCHWARZ-HAAR, Lessingstrasse 3, 61231 Bad Nauheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B42D 1/06, 15/00

(11) WO 2005/028210 (13) A2

(21) PCT/SI2004/000025

(22) 17 Aug/août 2004 (17.08.2004)

(25) en (26) en

(30) P-200300242 24 Sep/sep 2003 SI (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • PERSONAL DOCUMENT IN FORM OF A BOOKLET

• DOCUMENT PERSONNEL SOUS FORME DE LIVRET

(71) CETIS, GRAFICNO PODJETJE, D.D. [SI/SI]; Copova ulica 24, 3000 Celje (SI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SU?IN, Barbara [SI/SI]; Ljubljanska cesta 62, 3000 Celje (SI).

(74) BORSTAR, Du an; European Patent Attorney, Nova ulica 11, 1230 Domzale (SI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B42D 15/00

(11) WO 2005/028211 (13) A2

(21) PCT/EP2004/010365

- (22) 16 Sep/sep 2004 (16.09.2004)  
 (25) de (26) de  
 (30) A 1466/2003 17 Sep/sep 2003 AT  
 (17.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • PASSIVE ACTIVABLE SAFETY CHARACTERISTICS  
 • CARACTERISTIQUE DE SECURITE ACTIVABLE PASSIVE  
 (71) HUECK FOLIEN GES.M.B.H. [AT/AT];  
 Gewerbepark 30, A-4342 Baumgartenberg  
 (AT).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) KASTNER, Friedrich [AT/AT];  
 Untersteinbach 17, A-4710 Grieskirchen (AT).  
 MÜLLER, Matthias [DE/DE]; Fichtenweg  
 4, 92699 Bechtsrieth (DE).  
 (74) LANDGRAF, Elvira; Schulfeld 26, A-4210  
 Gallneukirchen (AT).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR  
 BW BY BZ CA CH CN CO CR CU CZ DE  
 DK DM DZ EC EE EG ES FI GB GD GE GH  
 GM HR HU ID IL IN IS JP KE KG KP KR  
 KZ LC LK LR LS LT LU LV MA MD MG  
 MK MN MW MX MZ NA NI NO NZ OM  
 PG PH PL PT RO RU SC SD SE SG SK SL  
 SY TJ TM TN TR TT TZ UA UG US UZ VC  
 VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL  
 SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
 MD RU TJ TM); EP (AT BE BG CH CY CZ  
 DE DK EE ES FI FR GB GR HU IE IT LU  
 MC NL PL PT RO SE SI SK TR); OA (BF BJ  
 CF CG CI CM GA GN GQ GW ML MR NE  
 SN TD TG).  
 Declarations / Déclarations :  
 (s) for the following designations / pour les  
 désignations suivantes : AE AG AL AM AT AU  
 AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
 CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
 GE GH GM HR HU ID IL IN IS JP KE KG KP  
 KR KZ LC LK LR LS LT LU LV MA MD MG MK  
 MN MW MX MZ NA NI NO NZ OM PG PH PL  
 PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
 TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
 GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
 ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
 (AT BE BG CH CY CZ DE DK EE ES FI FR GB  
 GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
 OA (BF BJ CF CG CI CM GA GN GQ GW ML  
 MR NE SN TD TG)  
 (u) for / pour US only / seulement  
 (51)<sup>7</sup> B42D 15/10, 11/00, G06K 17/00  
 (11) WO 2005/028212 (13) A1  
 (21) PCT/JP2004/013265  
 (22) 6 Sep/sep 2004 (06.09.2004)  
 (25) ja (26) ja  
 (30) 2003-325635 18 Sep/sep 2003 JP  
 (18.09.2003)  
 (30) 2003-338573 29 Sep/sep 2003 JP  
 (29.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • ID CARD APPLICATION FORM CRE-  
 ATION DEVICE, ID CARD ISSUING  
 SYSTEM, AND ID CARD ISSUING  
 METHOD  
 • CREATION DE FORMULAIRES DE  
 DEMANDE DE CARTES D'IDENTITE

- ET SYSTEME ET PROCEDE DE DELI-  
 VRANCE DE CARTES D'IDENTITE  
 (71) KONICA MINOLTA PHOTO IMAGING,  
 INC. [JP/JP]; 26-2, Nishishinjuku 1-chome,  
 Shinjuku-ku, Tokyo 163-0512 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) SHIBUSAWA, Shunsuke [JP/JP]; c/o  
 Konica Minolta Photo Imaging, Inc., 1,  
 Sakura-machi, Hino-shi, Tokyo 191-8511  
 (JP). ARAKAWA, Kiyoshi [JP/JP]; c/o  
 Konica Minolta Photo Imaging, Inc., 1,  
 Sakura-machi, Hino-shi, Tokyo 191-8511  
 (JP).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR  
 BW BY BZ CA CH CN CO CR CU CZ DE  
 DK DM DZ EC EE EG ES FI GB GD GE GH  
 GM HR HU ID IL IN IS KE KG KP KR KZ  
 LC LK LR LS LT LU LV MA MD MG MK  
 MN MW MX MZ NA NI NO NZ OM PG PH  
 PL PT RO RU SC SD SE SG SK SL SY TJ  
 TM TN TR TT TZ UA UG US UZ VC VN  
 YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL  
 SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
 MD RU TJ TM); EP (AT BE BG CH CY CZ  
 DE DK EE ES FI FR GB GR HU IE IT LU  
 MC NL PL PT RO SE SI SK TR); OA (BF BJ  
 CF CG CI CM GA GN GQ GW ML MR NE  
 SN TD TG).  
 (51)<sup>7</sup> B43K  
 (11) WO 2005/028213 (13) A2  
 (21) PCT/BR2004/000055  
 (22) 16 Apr/avr 2004 (16.04.2004)  
 (25) en (26) en  
 (30) PI 0304184-0 19 Sep/sep 2003 BR  
 (19.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • A METHOD OF MANUFACTURING A  
 PENCIL, AND A PENCIL  
 • PROCEDE DE FABRICATION D'UN  
 CRAYON ET CRAYON  
 (71) A.W. FABER-CASTELL S.A. [BR/BR];  
 Rua 1 de Maio, 61, N R S Vilari, 13560-911  
 São Paulo - SP (BR).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) SCHIEFFNETTER, Harald [DE/DE];  
 Hertwegstr. 30, D-95179 Geroldsgrün  
 (DE).  
 (74) DANNEMANN, SIEMSEN, BIGLER &  
 IPANEMA MOREIRA; Caixa Postal 2142,  
 Rua Marquês de Olinda, 70, 22251-040 Rio  
 de Janeiro - RJ (BR).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR  
 BW BY BZ CA CH CN CO CR CU CZ DK  
 DM DZ EC EE EG ES FI GB GD GE GH GM  
 HR HU ID IL IN IS JP KE KG KP KZ LC LK  
 LR LS LT LU LV MA MD MG MK MN MW  
 MX MZ NA NI NO NZ OM PG PH PL PT  
 RO SC SD SE SG SK SL SY TJ TM TN TR  
 TT TZ UA UG US UZ VC VN YU ZA ZM  
 ZW.  
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
 TZ UG ZM ZW); EA (AM AZ BY KG KZ  
 MD RU TJ TM); EP (AT BE BG CH CY CZ  
 DE DK EE ES FI FR GB GR HU IE IT LU  
 MC NL PL PT RO SE SI SK TR); OA (BF BJ  
 CF CG CI CM GA GN GQ GW ML MR NE  
 SN TD TG).

- (51)<sup>7</sup> B43K 8/02, C09D 11/16  
 (11) WO 2005/028214 (13) A1  
 (21) PCT/US2004/030662  
 (22) 20 Sep/sep 2004 (20.09.2004)  
 (25) en (26) en  
 (30) 60/504,236 19 Sep/sep 2003 US  
 (19.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • CAPILLARY ACTION GLITTER  
 MARKERS AND INK COMPOSITIONS  
 FOR SAME  
 • STYLO-FEUTRE A POUVRE SCIN-  
 TILLANTE, ET COMPOSITIONS  
 D'ENCRE CORRESPONDANTES  
 (71) SANFORD L.P. [US/US]; 29 East Stephen-  
 son Street, Freeport, IL 61032 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) KWAN, Wing, Sum, Vincent [US/US];  
 2909 South Wells, Chicago, IL 60616 (US).  
 CARRA, Jennifer [US/US]; 227 Lin-  
 colnshire Lane, Bolingbrook, IL 60440 (US).  
 (74) LAWRENCE, Andrew, M.; Marshall, Ger-  
 stein & Borun LLP, 233 S. Wacker Drive,  
 Suite 6300, Sears Tower, Chicago, IL 60606-  
 6357 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR  
 BW BY BZ CA CH CN CO CR CU CZ DE  
 DK DM DZ EC EE EG ES FI GB GD GE GH  
 GM HR HU ID IL IN IS JP KE KG KP KR  
 KZ LC LK LR LS LT LU LV MA MD MG  
 MK MN MW MX MZ NA NI NO NZ OM  
 PG PH PL PT RO RU SC SD SE SG SK SL  
 SY TJ TM TN TR TT TZ UA UG US UZ VC  
 VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL  
 SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
 MD RU TJ TM); EP (AT BE BG CH CY CZ  
 DE DK EE ES FI FR GB GR HU IE IT LU  
 MC NL PL PT RO SE SI SK TR); OA (BF BJ  
 CF CG CI CM GA GN GQ GW ML MR NE  
 SN TD TG).  
 Published / Publiée : (c)  
 (51)<sup>7</sup> B43K 29/20, 24/14, 27/08  
 (11) WO 2005/028215 (13) A1  
 (21) PCT/JP2004/013853  
 (22) 22 Sep/sep 2004 (22.09.2004)  
 (25) ja (26) ja  
 (30) 2003-332573 24 Sep/sep 2003 JP  
 (24.09.2003)  
 (30) 2004-241653 20 Aug/août 2004 JP  
 (20.08.2004)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • WRITING IMPLEMENT, AND OUTER  
 TUBE AND TUBULAR MEMBER FOR  
 THE WRITING IMPLEMENT  
 • INSTRUMENT D'ECRITURE, ET TUBE  
 EXTERNE ET ELEMENT TUBU-  
 LAIRE POUR CET INSTRUMENT  
 D'ECRITURE  
 (71) KABUSHIKI KAISHA PILOT Corpo-  
 ration [JP/JP]; 6-21, Kyoubashi 2-chome,  
 Chuo-ku, Tokyo 1048304 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **MORIYA, Tomomi** [JP/JP]; c/o KABUSHIKI KAISHA PILOT CORPORATION, Hiratsuka Factory, 4-3, Nishiyahata 1-chome, Hiratsuka-shi, Kanagawa 2548585 (JP). **IZUNO, Akinobu** [JP/JP]; c/o KABUSHIKI KAISHA PILOT CORPORATION, Hiratsuka Factory, 4-3, Nishiyahata 1-chome, Hiratsuka-shi, Kanagawa 2548585 (JP). **KOURUSHI, Nobuhiro** [JP/JP]; c/o KABUSHIKI KAISHA PILOT CORPORATION, Hiratsuka Factory, 4-3, Nishiyahata 1-chome, Hiratsuka-shi, Kanagawa 2548585 (JP). **IWAHARA, Takashi** [JP/JP]; c/o KABUSHIKI KAISHA PILOT CORPORATION, Hiratsuka Factory, 4-3, Nishiyahata 1-chome, Hiratsuka-shi, Kanagawa 2548585 (JP).
- (74) **TANAKA, Takahide**; Ishibashi Building, 22-9, Hatchobori 3-chome, Chuo-ku, Tokyo 1040032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B44D 3/18**
- (11) **WO 2005/028216** (13) A1
- (21) PCT/IB2004/003057
- (22) **20 Sep/sep 2004 (20.09.2004)**
- (25) en (26) en
- (30) S2003/0690 **19 Sep/sep 2003** IE (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • APPARATUS FOR APPLYING CANVAS TO A FRAME
- APPAREIL PERMETTANT DE POSER UNE TOILE SUR UN CHASSIS
- (71, 72) **WHELAN, Aidan, Joseph** [IE/IE]; Bodeen, Ratoath, County Meath (IE).
- (74) **MACLACHLAN & DONALDSON**; 47 Merrion Square, Dublin 2 (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B60B 27/00**
- (11) **WO 2005/028217** (13) A1
- (21) PCT/EP2004/006089
- (22) **5 Jun/juin 2004 (05.06.2004)**
- (25) de (26) de
- (30) 103 38 172.4 **20 Aug/août 2003** DE (20.08.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • WHEEL HUB/ROTATING JOINT ARRANGEMENT
- ENSEMBLE MOYEU DE ROUE/JOINT TOURNANT
- (71) **GKN DRIVELINE DEUTSCHLAND GMBH** [DE/DE]; Carl-Legien-Strasse 10, 63073 Offenbach (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WELSCHOF, Hans-Heinrich** [DE/DE]; Im Lochseif 68a, 63517 Roddenbach (DE).
- (74) **NEUMANN, Ernst, D. et al. / etc.**; Harwardt Neumann, Brandstrasse 10, 53721 Siegburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B60B 35/18, F16C 19/18, 19/52, 41/00, G08C 17/02**
- (11) **WO 2005/028218** (13) A1
- (21) PCT/JP2004/013350
- (22) **14 Sep/sep 2004 (14.09.2004)**
- (25) ja (26) ja
- (30) 2003-331126 **24 Sep/sep 2003** JP (24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • WHEEL BEARING APPARATUS HAVING WIRELESS SENSOR
- APPAREIL DE ROULEMENT DE ROUES POURVU D'UN DETECTEUR SANS FIL
- (71) **NTN CORPORATION** [JP/JP]; 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0003 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAHASHI, Koji** [JP/JP]; c/o NTN Corporation, 1578 Higashikaizuka, Iwata-shi, Shizuoka 438-0037 (JP). **SASAKI, Norihiko** [JP/JP]; c/o NTN Corporation, 1578 Higashikaizuka, Iwata-shi, Shizuoka 438-0037 (JP).
- (74) **SUGIMOTO, Shuji et al. / etc.**; Higobashi Nittai Bldg., 10-2, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B60B 39/00, E01C 9/02**
- (11) **WO 2005/028219** (13) A1
- (21) PCT/AU2004/001285
- (22) **20 Sep/sep 2004 (20.09.2004)**
- (25) en (26) en
- (30) 2003905110 **19 Sep/sep 2003** AU (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • VEHICLE RECOVERY AND TRACTION SURFACE
- SURFACE DE RECUPERATION ET DE TRACTION DE VEHICULE
- (71, 72) **MCCARTHY, Brad** [AU/AU]; 50 Northgate Road, Nundah, Queensland 4012 (AU).
- (74) **CULLEN & CO.**; Level 26, 239 George Street, Brisbane, Queensland 4000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B60D 1/62, 1/02**
- (11) **WO 2005/028220** (13) A1
- (21) PCT/EP2004/009386
- (22) **23 Aug/août 2004 (23.08.2004)**
- (25) de (26) de
- (30) 203 13 469.9 **28 Aug/août 2003** DE (28.08.2003)
- (30) 20 2004 002 252.4 **12 Feb/février 2004** DE (12.02.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COUPLING DEVICE FOR CONNECTING A TRACTOR ENGINE TO A TRAILER VEHICLE
- DISPOSITIF D'ATTELAGE PERMETTANT DE RELIER UN VEHICULE TRACTEUR A UNE REMORQUE

(71, 72) **METTERNICH, Heinz-Rüdiger** [DE/DE]; Schlachthofstrasse 30, 21079 Hamburg (DE). **LÜDERS, Karsten** [DE/DE]; Jesdal 3, 21217 Seevetal (DE).

(74) **GLAESER, Joachim**; Königstrasse 28, 22767 Hamburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B60G 9/00, 7/00**

(11) **WO 2005/028221** (13) A1

(21) PCT/US2004/029971

(22) **14 Sep/sep 2004 (14.09.2004)**

(25) en (26) en

(30) 60/504,591 **17 Sep/sep 2003** US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RIGID AXLE FOR A VEHICLE, COMPRISING INTEGRATED TRAILING ARMS

• ESSIEU RIGIDE DESTINE A UN VEHICULE ET COMPRENANT DES BRAS LONGITUDINAUX MONOBLOCS

(71) **THE BOLER COMPANY** [US/US]; 500 Park Boulevard, Suite 1010, Itasca, Illinois 60143 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAMSEY, John** [US/US]; 5048 Sherman Church Avenue, S.W., Canton, Ohio 44706 (US).

(74) **DURESKA, David** et al. / etc.; Buckingham, Doolittle & Burroughs, LLP, 4518 Fulton Drive, N.W., P.O. Box 35548, Canton, OH 44735-5548 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B60G 13/02, 3/18, 3/06**

(11) **WO 2005/028222** (13) A1

(21) PCT/EP2004/010520

(22) **20 Sep/sep 2004 (20.09.2004)**

(25) fr (26) fr

(30) 03/11081 **22 Sep/sep 2003** FR (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ROAD-HOLDING CONNECTION COMPRISING A TYRE ASSEMBLY WITH EXTENDED MOBILITY AND SPECIFIC DAMPING CHARACTERISTICS

• LIAISON AU SOL COMPRENANT UN ENSEMBLE PNEUMATIQUE A MOBILITE ETENDUE ET DES CARACTERISTIQUES D'AMORTISSEMENT PARTICULIERES

(71) **SOCIETE DE TECHNOLOGIE MICHELIN** [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).

(for all designated States except / pour tous les États désignés sauf CA MX US)

(71) **MICHELIN RECHERCHE ET TECHNIQUE S.A.** [CH/CH]; Route Louis-Braille 10 et 12, CH-1763 Granges-Pacot (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROOS, Gijsbert** [NL/FR]; 24, rue André Theuriot, F-63000 Clermont-Ferrand (FR).

(74) **BAUVIR, Jacques**; M.F.P. Michelin, SGD/LG/PI-F35 - Ladoux, 23, place des Carmes Dechaux, F-63040 Clermont-Ferrand Cedex 9 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **B60H 1/00**

(11) **WO 2005/028223** (13) A1

(21) PCT/EP2004/008733

(22) **4 Aug/août 2004 (04.08.2004)**

(25) de (26) de

(30) 103 40 041.9 **28 Aug/août 2003** DE (28.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AIR-CONDITIONING SYSTEM

• SYSTEME DE CLIMATISATION

(71) **BEHR GMBH & CO. KG** [DE/DE]; Mauserstrasse 3, 70469 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERNDT, Ralf** [DE/DE]; August-Lämmle-Weg 2, 71254 Ditzingen (DE).

(74) **BEHR GMBH & CO. KG**; Intellectual Property, G-IP, Mauserstrasse 3, 70469 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> **B60H 1/00, 1/32**

(11) **WO 2005/028224** (13) A1

(21) PCT/FR2004/050414

(22) **7 Sep/sep 2004 (07.09.2004)**

(25) fr (26) fr

(30) 0310740 **12 Sep/sep 2003** FR (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONTROLLED AIR-CONDITIONING DEVICE AND METHOD FOR CONTROLLING SAID AIR-CONDITIONING

• DISPOSITIF DE CLIMATISATION PILOTE ET PROCÉDÉ DE PILOTAGE D'UNE TELLE CLIMATISATION

(71) **HISPACOLD FRANCE** [FR/FR]; Rue de Fieusal, ZAC de Fieusal, F-33520 BRUGES (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NIEDDU, Giovanni** [FR/FR]; 2, rue Jean-Baptiste Carpeau, F-33700 MERIGNAC (FR).

(74) **THEBAULT, Jean Louis**; 111 Cours du Médoc, F-33300 BORDEAUX (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

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(51)<sup>7</sup> **B60H 1/32, 1/00**

(11) **WO 2005/028225** (13) A1

(21) PCT/EP2004/008852

(22) **6 Aug/août 2004 (06.08.2004)**

(25) de (26) de



(30) 103 42 110.6 **10 Sep/sep 2003** DE  
(10.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COOLANT CIRCUIT FOR THE AIR CONDITIONING SYSTEM OF A MOTOR VEHICLE, MOTOR VEHICLE AIR CONDITIONING SYSTEM AND METHOD FOR OPERATING SAID SYSTEM

• CIRCUIT DE REFRIGERANT D'UNE INSTALLATION DE CLIMATISATION D'UN VEHICULE AUTOMOBILE, INSTALLATION DE CLIMATISATION D'UN VEHICULE AUTOMOBILE ET SON MODE DE FONCTIONNEMENT

(71) BEHR GMBH & CO. KG [DE/DE]; Mauserstrasse 3, 70469 Stuttgart (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEN-SALHA, Mourad [FR/DE]; Wör-rishofener Strasse 33, 70372 Stuttgart (DE). BUREAU, Cathy [FR/US]; 1691 Shipman Blvd., 48009 Birmingham, MI (US). DÜRR, Gottfried [DE/DE]; Nachsommerweg 29, 70437 Stuttgart (DE). FEUERHECKER, Günther [DE/DE]; Winterlinger Weg 8, 70567 Stuttgart (DE). KUNBERGER, Otokar [DE/DE]; Lerchenstrasse 46, 70825 Korntal-Münchingen (DE). STRAUSS, Thomas [DE/DE]; Neuffenstrasse 37, 73274 Notzingen (DE). WALTER, Christoph [DE/DE]; Werner-Haas-Weg 32, 70469 Stuttgart (DE).

(74) BEHR GMBH & CO. KG; Intellectual Property, G-IP, Mauserstrasse 3, 70469 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B60H 1/34

(11) WO 2005/028226 (13) A1

(21) PCT/EP2004/008753

(22) 4 Aug/août 2004 (04.08.2004)

(25) de (26) de

(30) 103 41 735.4 **8 Sep/sep 2003** DE  
(08.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AIR VENT, PARTICULARLY FOR A MOTOR VEHICLE

• DISPOSITIF D'ÉCOULEMENT D'AIR, NOTAMMENT POUR UN VÉHICULE

(71) BEHR GMBH & CO. KG [DE/DE]; Mauserstrasse 3, 70469 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ENGELHARDT, Martin [DE/DE]; Christofstrasse 11, 71696 Möglingen (DE). VOIGT, Klaus [DE/DE]; Kelterstrasse 29, 74321 Bietigheim-Bissingen (DE). KLINGER, Dietrich [DE/DE]; Richard-Wagner-Strasse 16, 73540 Heubach (DE).

(74) BEHR GMBH & CO. KG; Intellectual Property, G-IP, Mauserstrasse 3, 70469 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B60H 3/06

(11) WO 2005/028227 (13) A1

(21) PCT/JP2004/013543

(22) 16 Sep/sep 2004 (16.09.2004)

(25) ja (26) ja

(30) 2003-329690 **22 Sep/sep 2003** JP  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VEHICLE AIR PURIFYING DEVICE

• DISPOSITIF DE PURIFICATION D'AIR POUR VEHICULE

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaiki-Cho, Abeno-Ku, Osaka-Shi, Osaka, 5458522 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71) GOTOH, Yoshiko (heiress of the deceased inventor / héritière de l'inventeur décédé) [JP/JP]; 34-11, Izumihara-Cho, Yamatokoriyama-Shi, Nara, 6391056 (JP). GOTOH, Yasunori (heir of the deceased inventor / héritier de l'inventeur décédé) [JP/JP]; 34-11, Izumihara-Cho, Yamatokoriyama-Shi, Nara, 6391056 (JP). GOTOH, Toshiyuki (heir of the deceased inventor / héritier de l'inventeur décédé) [JP/JP]; 4-2-14-103, Nakatomiogaoka, Nara-Shi, Nara, 6310003 (JP).  
(only for / seulement pour US)

(72) GOTOH, Hidetoshi (deceased / décédé).

(72, 75) YAMAMOTO, Akira [JP/JP]; 3-2-11, Atobekitano-Cho, Yao-Shi, Osaka, 5810068 (JP).

(74) SANO, Shizuo; Tenmabashi-Yachiyo Bldg. Bekkan, 2-6, Tenmabashi-Kyomachi, Chuo-Ku, Osaka-Shi, Osaka, 5400032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH

PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60J 3/02

(11) WO 2005/028228 (13) A1

(21) PCT/EP2004/009406

(22) 23 Aug/août 2004 (23.08.2004)

(25) de (26) de

(30) 103 42 535.7 **12 Sep/sep 2003** DE  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SUN VISOR COMPRISING AN ILLUMINATION DEVICE, METHOD FOR OPERATING AN ILLUMINATION DEVICE AND USE OF AN ELECTRICAL CIRCUIT FOR OPERATING AN ILLUMINATION DEVICE

• PARE-SOLEIL POUR VU D'UN DISPOSITIF D'ECLAIRAGE, PROCÉDE POUR FAIRE FONCTIONNER UN DISPOSITIF D'ECLAIRAGE, ET UTILISATION D'UN CIRCUIT ELECTRIQUE POUR FAIRE FONCTIONNER UN DISPOSITIF D'ECLAIRAGE

(71) JOHNSON CONTROLS GMBH [DE/DE]; Industriestrasse 20-30, 51399 Burscheid (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SELVINI, Frédéric [FR/FR]; 28, rue de la Roche Posay, F-57550 Falck (FR).

(74) WOLFF, Felix et al. / etc.; Kutzenberger & Wolff, Theodor-Heuss-Ring 23, 50668 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60J 7/185

(11) WO 2005/028229 (13) A1

(21) PCT/FR2004/002173

(22) 20 Aug/août 2004 (20.08.2004)

(25) fr (26) fr

(30) 0310536 **5 Sep/sep 2003** FR  
(05.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONVERTIBLE ROOF COMPRISING LOCKING ELEMENTS, AND VEHICLE EQUIPPED WITH SAME

- TOIT ESCAMOTABLE A ELEMENTS VERROUILLABLES ET VEHICULE AINSI EQUIPE

- (71) FRANCE DESIGN [FR/FR]; La Boujalière, Le Pin, F-79140 Cerizay (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) QUEVEAU, Gérard [FR/FR]; Amik-Farm, F-79140 Le Pin (FR). QUEVEAU, Paul [FR/FR]; Le Logis de la Chironnière, F-79140 Montravers (FR). GUILLEZ, Jean-Marc [FR/FR]; Les Maisons Blanches, F-79140 Cirières (FR).
- (74) PICHAT, Thierry et al. / etc.; Novagraaf Technologies, 122, rue Edouard Vaillant, F-92593 Levallois Perret Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> B60J 7/20, B62D 25/12
- (11) WO 2005/028230 (13) A1
- (21) PCT/EP2004/008579
- (22) 30 Jul/juil 2004 (30.07.2004)
- (25) de (26) de
- (30) 103 40 017.6 28 Aug/août 2003 DE (28.08.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • BOOTLID FOR A CABRIOLET VEHICLE  
• COUVERCLE DE COFFRE POUR UN VEHICULE CABRIOLET
- (71) CTS FAHRZEUG-DACHSYSTEME GMBH [DE/DE]; Am Radeland 125, 21079 Hamburg (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WAGNER, Tobias [DE/DE]; Cuxhavener Strasse 273 K, 21149 Hamburg (DE).
- (74) MÜLLER, Gottfried et al. / etc.; Wittner & Müller, Ochsenberg 16, 73614 Schorndorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60J 10/00, 10/08

(11) WO 2005/028231 (13) A1

(21) PCT/JP2004/012678

(22) 26 Aug/août 2004 (26.08.2004)

(25) en (26) en

(30) 2003-324026 17 Sep/sep 2003 JP (17.09.2003)

(30) 2004-002536 8 Jan/jan 2004 JP (08.01.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • LONG ORNAMENT MEMBER AND METHOD FOR MANUFACTURING THE SAME  
• ELEMENT DECORATIF DE GRANDE LONGUEUR ET SON PROCEDE DE FABRICATION

(71) TOKAI KOGYO CO., LTD. [JP/JP]; 4-1, Nagane-cho, Obu-shi, Aichi 474-8688 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIROE, Keiji [JP/JP]; c/o Tokai Kogyo Co., Ltd., 4-1, Nagane-cho, Obu-shi, Aichi 474-8688 (JP). FUKUSHIMA, Yasuhiro [JP/JP]; c/o Tokai Kogyo Co., Ltd., 4-1, Nagane-cho, Obu-shi, Aichi 474-8688 (JP).

(74) NAITO, Teruo; Shin-ei Patent Office, 12th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6012 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B60K 13/04

(11) WO 2005/028232 (13) A1

(21) PCT/FR2004/050421

(22) 9 Sep/sep 2004 (09.09.2004)

(25) fr (26) fr

(30) 03 11005 19 Sep/sep 2003 FR (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • ELASTIC SUPPORT IN PARTICULAR FOR EXHAUST SYSTEMS ON MOTOR VEHICLES  
• SUPPORT ELASTIQUE NOTAMMENT POUR LIGNES D'ÉCHAPPEMENT DE VEHICULE AUTOMOBILE

(71) DELMON INDUSTRIE [FR/FR]; 13, rue Cimarosa, F-75116 PARIS (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DELMON, Pierre [FR/FR]; Castel de Bel Air, F-19100 BRIVE LA GAILLARDE (FR). MAS, Jean [FR/FR]; 13, rue Fondaudège, F-33000 Bordeaux (FR).

(74) THEBAULT, Jean Louis; 111, cours du Médoc, F-33300 BORDEAUX (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(t) for the following designation / pour la désignation suivante : US; (t) for the following designation / pour la désignation suivante : US (u) for / pour US only / seulement

(51)<sup>7</sup> B60K 17/04, 6/04, B60L 11/14

(11) WO 2005/028233 (13) A1

(21) PCT/JP2004/011691

(22) 13 Aug/août 2004 (13.08.2004)

(25) ja (26) ja

(30) 2003-294661 18 Aug/août 2003 JP (18.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • HYBRID VEHICLE  
• VEHICULE HYBRIDE

(71) HONDA MOTOR CO., LTD. [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 1078556 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ABE, Noriyuki [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 3510193 (JP). OKADA, Yoshio [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 3510193 (JP).

(74) OCHIAI, Takeshi et al. / etc.; TO Building, 6-3, Taito 2-chome, Taito-ku, Tokyo 1100016 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **B60K 17/04, 6/04, B60L 11/14**  
 (11) **WO 2005/028234** (13) A1  
 (21) PCT/JP2004/011692  
 (22) **13 Aug/août 2004 (13.08.2004)**  
 (25) ja (26) ja  
 (30) 2003-294662 **18 Aug/août 2003 JP**  
**(18.08.2003)**  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • HYBRID VEHICLE  
 • VEHICULE HYBRIDE  
 (71) **HONDA MOTOR CO., LTD. [JP/JP];**  
 1-1, Minami-Aoyama 2-chome, Minato-ku,  
 Tokyo 1078556 (JP).  
*(for all designated States except / pour tous*  
*les États désignés sauf US)*  
 (72, 75) **ABE, Noriyuki [JP/JP];** c/o Kabushiki  
 Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo  
 1-chome., Wako-shi, Saitama 3510193 (JP).  
**KIMURA, Hideo [JP/JP];** c/o Kabushiki  
 Kaisha Honda Gijutsu Kenkyusho, 4-1,  
 Chuo 1-chome., Wako-shi, Saitama 3510193  
 (JP). **FUCHINO, Masayuki [JP/JP];** c/o  
 Kabushiki Kaisha Honda Gijutsu Kenkyusho,  
 4-1, Chuo 1-chome., Wako-shi, Saitama  
 3510193 (JP). **HASEBE, Tetsuya [JP/JP];** c/o  
 Kabushiki Kaisha Honda Gijutsu Kenkyusho,  
 4-1, Chuo 1-chome., Wako-shi, Saitama  
 3510193 (JP).  
 (74) **OCHIAI, Takeshi et al. / etc.;** TO Building,  
 6-3, Taito 2-chome, Taito-ku, Tokyo 1100016  
 (JP).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR  
 BW BY BZ CA CH CN CO CR CU CZ DE  
 DK DM DZ EC EE EG ES FI GB GD GE GH  
 GM HR HU ID IL IN IS KE KG KP KR KZ  
 LC LK LR LS LT LU LV MA MD MG MK  
 MN MW MX MZ NA NI NO NZ OM PG PH  
 PL PT RO RU SC SD SE SG SK SL SY TJ  
 TM TN TR TT TZ UA UG US UZ VC VN  
 YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL  
 SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
 MD RU TJ TM); EP (AT BE BG CH CY CZ  
 DE DK EE ES FI FR GB GR HU IE IT LU  
 MC NL PL PT RO SE SI SK TR); OA (BF BJ  
 CF CG CI CM GA GN GQ GW ML MR NE  
 SN TD TG).

Published / Publiée : (a)

- (51)<sup>7</sup> **B60K 23/08, 17/35**  
 (11) **WO 2005/028235** (13) A1  
 (21) PCT/EP2004/009133  
 (22) **14 Aug/août 2004 (14.08.2004)**  
 (25) de (26) de  
 (30) 103 40 912.2 **5 Sep/sep 2003 DE**  
**(05.09.2003)**  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • COMPACT DRIVE ARRANGEMENT  
 WITH LAMELLAR COUPLING  
 • DISPOSITIF D'ENTRAÎNEMENT COM-  
 PACT A EMBRAYAGE A DISQUES  
 (71) **GKN DRIVELINE INTERNATIONAL**  
**GMBH [DE/DE];** Hauptstrasse 150, 53797  
 Lohmar (DE).  
*(for all designated States except / pour tous*  
*les États désignés sauf US)*  
 (72, 75) **KWOKA, Georg [DE/DE];** Weis-  
 senportz 2, 53804 Much (DE). **CHLUDECK,**

- Adrian [DE/DE];** Holzweg 46c, 53757 St.  
 Augustin (DE). **BENDER, Bernd [DE/DE];**  
 Gotenring 61, 50679 Köln (DE).  
 (74) **NEUMANN, Ernst, D. et al. / etc.;** Harwardt  
 Neumann, Brandstrasse 10, 53721 Siegburg  
 (DE).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR  
 BW BY BZ CA CH CN CO CR CU CZ DK  
 DM DZ EC EE EG ES FI GB GD GE GH GM  
 HR HU ID IL IN IS JP KE KG KP KR KZ LC  
 LK LR LS LT LU LV MA MD MG MK MN  
 MW MX MZ NA NI NO NZ OM PG PH PL  
 PT RO RU SC SD SE SG SK SL SY TJ TM  
 TN TR TT TZ UA UG US UZ VC VN YU  
 ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL  
 SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
 MD RU TJ TM); EP (AT BE BG CH CY CZ  
 DE DK EE ES FI FR GB GR HU IE IT LU  
 MC NL PL PT RO SE SI SK TR); OA (BF BJ  
 CF CG CI CM GA GN GQ GW ML MR NE  
 SN TD TG).

Declaration / Déclaration :

(t) for the following designations / pour les  
 désignations suivantes : AE AG AL AM AT AU  
 AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
 CU CZ DK DM DZ EC EE EG ES FI GB GD GE  
 GH GM HR HU ID IL IN IS JP KE KG KP KR  
 KZ LC LK LR LS LT LU LV MA MD MG MK MN  
 MW MX MZ NA NI NO NZ OM PG PH PL PT  
 RO RU SC SD SE SG SK SL SY TJ TM TN TR TT  
 TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW  
 GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
 ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
 (AT BE BG CH CY CZ DE DK EE ES FI FR GB  
 GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
 OA (BF BJ CF CG CI CM GA GN GQ GW ML  
 MR NE SN TD TG)

(51)<sup>7</sup> **B60K 23/08**

- (11) **WO 2005/028236** (13) A1  
 (21) PCT/EP2004/009515  
 (22) **26 Aug/août 2004 (26.08.2004)**  
 (25) de (26) de  
 (30) 103 42 164.5 **12 Sep/sep 2003 DE**  
**(12.09.2003)**  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • GEAR ARRANGEMENT  
 • ENSEMBLE TRANSMISSION  
 (71) **GKN DRIVELINE INTERNATIONAL**  
**GMBH [DE/DE];** Hauptstrasse 130, 53797  
 Lohmar (DE).  
*(for all designated States except / pour tous*  
*les États désignés sauf US)*  
 (72, 75) **MARKS, Jiri [DE/DE];** Eitorfer Strasse  
 39, 53773 Hennef (DE). **GASSMANN,**  
**Theodor [DE/DE];** Eichendorffstrasse  
 60, 53721 Siegburg (DE). **ZAERS, Colin**  
**[DE/DE];** Buchenweg 6-8, 53721 Siegburg  
 (DE).

- (74) **NEUMANN, Ernst, D. et al. / etc.;** Harwardt  
 Neumann, Brandstrasse 10, 53721 Siegburg  
 (DE).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR  
 BW BY BZ CA CH CN CO CR CU CZ DK  
 DM DZ EC EE EG ES FI GB GD GE GH GM  
 HR HU ID IL IN IS JP KE KG KP KR KZ LC  
 LK LR LS LT LU LV MA MD MG MK MN  
 MW MX MZ NA NI NO NZ OM PG PH PL  
 PT RO RU SC SD SE SG SK SL SY TJ TM  
 TN TR TT TZ UA UG US UZ VC VN YU  
 ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
 SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
 MD RU TJ TM); EP (AT BE BG CH CY CZ  
 DE DK EE ES FI FR GB GR HU IE IT LU  
 MC NL PL PT RO SE SI SK TR); OA (BF BJ  
 CF CG CI CM GA GN GQ GW ML MR NE  
 SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(t) for the following designations / pour les  
 désignations suivantes : AE AG AL AM AT AU  
 AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
 CU CZ DK DM DZ EC EE EG ES FI GB GD GE  
 GH GM HR HU ID IL IN IS JP KE KG KP KR  
 KZ LC LK LR LS LT LU LV MA MD MG MK MN  
 MW MX MZ NA NI NO NZ OM PG PH PL PT  
 RO RU SC SD SE SG SK SL SY TJ TM TN TR TT  
 TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW  
 GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
 ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
 (AT BE BG CH CY CZ DE DK EE ES FI FR GB  
 GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
 OA (BF BJ CF CG CI CM GA GN GQ GW ML  
 MR NE SN TD TG)

(51)<sup>7</sup> **B60K 28/02, B60R 25/00, G06K 9/00,**  
**9/62, 9/64**

- (11) **WO 2005/028237** (13) A1  
 (21) PCT/SG2004/000300  
 (22) **17 Sep/sep 2004 (17.09.2004)**  
 (25) en (26) en  
 (30) 200305610-8 **19 Sep/sep 2003 SG**  
**(19.09.2003)**  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • BIOMETRIC IMMOBILIZER FOR AU-  
 TOMOBILES  
 • DISPOSITIF ANTIDEMARRAGE BIO-  
 METRIQUE POUR AUTOMOBILES  
 (71) **RITRONICS COMPONENTS (SINGA-  
 PORE) PTE LTD [SG/SG];** 53 Ubi Ave 1,  
 Paya Ubi Industrial Park, #05-48/49, Singa-  
 pore 408934 (SG).  
*(for all designated States except / pour tous*  
*les États désignés sauf US)*  
 (72, 75) **LIM, Boon Lum [SG/SG];** c/o Ritronics  
 Components (Singapore) Pte Ltd, 53 Ubi Ave  
 1, #05-48/49, Paya Ubi Industrial Park, Singa-  
 pore 408934 (SG).

(74) **Ella Cheong Spruson & Ferguson (Sin-  
 gapore) Pte Ltd;** P.O. Box 1531, Robinson  
 Road Post Office, Singapore 903031 (SG).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
 BW BY BZ CA CH CN CO CR CU CZ DE  
 DK DM DZ EC EE EG ES FI GB GD GE GH  
 GM HR HU ID IL IN IS JP KE KG KP KR  
 KZ LC LK LR LS LT LU LV MA MD MG  
 MK MN MW MX MZ NA NI NO NZ OM  
 PG PH PL PT RO RU SC SD SE SG SK SL  
 SY TJ TM TN TR TT TZ UA UG US UZ VC  
 VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL  
 SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
 MD RU TJ TM); EP (AT BE BG CH CY CZ  
 DE DK EE ES FI FR GB GR HU IE IT LU  
 MC NL PL PT RO SE SI SK TR); OA (BF BJ  
 CF CG CI CM GA GN GQ GW ML MR NE  
 SN TD TG).

(51)<sup>7</sup> **B60K 35/00**

- (11) **WO 2005/028238** (13) A1  
 (21) PCT/DE2004/002069

(22) 15 Sep/sep 2004 (15.09.2004)

(25) de (26) de

(30) 103 43 177.2 18 Sep/sep 2003 DE  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MAN/MACHINE INTERFACE FOR A  
DRIVER ASSISTANCE SYSTEM  
• INTERFACE HOMME/MACHINE  
CONÇUE POUR UN SYSTÈME D'AIDE  
A LA CONDUITE(71) ROBERT BOSCH GMBH [DE/DE]; Post-  
fach 30 02 20, 70442 Stuttgart (DE).  
*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) BRAEUCHLE, Goetz [DE/DE];  
Schuetzenweg 2, 74934 Reichartshausen  
(DE). PETSCHNIGG, Peter [DE/DE]; Ho-  
hewartstr. 174, 70469 Stuttgart (DE).(74) ROBERT BOSCH GMBH; Postfach 30 02  
20, 70442 Stuttgart (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B60K 37/02

(11) WO 2005/028239 (13) A1

(21) PCT/CA2004/001672

(22) 24 Sep/sep 2004 (24.09.2004)

(25) en (26) en

(30) 2,442,406 24 Sep/sep 2003 CA  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INSTRUMENT PANEL RIB STRUC-  
TURE  
• STRUCTURE EN NERVURE POUR TA-  
BLEAU DE BORD(71) MERIDIAN TECHNOLOGIES INC.  
[CA/CA]; 3300 Bloor Street West, 9th Floor,  
Suite 2902, Toronto, Ontario M8X 2X3 (CA).  
*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) SIMONDS, Glen [CA/CA]; 526 Am-  
bleside Drive, London, Ontario N6G 4Z3  
(CA). SANAKNAKI, Hussein [CA/CA];  
585 Proudfoot Lane, Apt. 905, London,  
Ontario N6H 4R6 (CA).(74) HEENAN BLAIKIE LLP; 200 Bay Street,  
Suite 2600, Toronto, Ontario M5J 2J4 (CA).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B60K 41/28, 25/06, F16H 61/02, B60K  
41/02

(11) WO 2005/028240 (13) A1

(21) PCT/SE2004/001359

(22) 21 Sep/sep 2004 (21.09.2004)

(25) sv (26) en

(30) 0302544-2 24 Sep/sep 2003 SE  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR REGULATING THE RO-  
TATIONAL SPEED OF A CLUTCH-IN-  
DEPENDENT POWER TAKE-OFF  
• PROCEDE DE REGULATION DE  
LA VITESSE DE ROTATION D'UNE  
PRISE MOTRICE INDEPENDANTE DE  
L'EMBAYAGE(71) VOLVO LASTVAGNAR AB [SE/SE];  
S-405 08 Göteborg (SE).  
*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) STEEN, Marcus [SE/SE]; Fot-  
bollsvägen 31, S-424 33 Angered (SE).  
BERGLUND, Sixten [SE/SE]; Björkstigen  
7, S-423 53 Torslanda (SE). ERIKSSON,  
Anders [SE/SE]; Lövsogsgatan 14, S-413  
20 Göteborg (SE).(74) FRÖHLING, Werner; Volvo Technology  
Corporation, Corporate Patents, 06820, M1.7,  
S-405 08 Göteborg (SE).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> B60L

(11) WO 2005/028241 (13) A2

(21) PCT/US2004/029743

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 107662,847 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DISPLACEMENT ON DEMAND WITH  
REGENERATIVE BRAKING• CYLINDREE VARIABLE A LA DE-  
MANDE AVEC FREINAGE REGENE-  
RATIF(71) GENERAL MOTORS CORPORA-  
TION [US/US]; Legal Staff-Mail, Code  
482-C23-B21, P.O. Box 300, Detroit, MI  
48265-3000 (US).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) ROBERTS, Alexander [US/US]; 823  
Oakbrook Ridge, Rochester, MI 48307 (US).(74) DEVRIES, Christopher; General Mo-  
tors Corporation, Legal Staff - Mail Code  
482-C23-B21, P.O. Box 300, Detroit, MI  
48265-3000 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> B60L 11/00, H02M 7/00, H05K 7/20

(11) WO 2005/028242 (13) A1

(21) PCT/EP2004/009116

(22) 13 Aug/août 2004 (13.08.2004)

(25) de (26) de

(30) 103 41 512.2 5 Sep/sep 2003 DE  
(05.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • POWER CONVERTER ASSEMBLY  
• ENSEMBLE CONVERTISSEUR DE  
PUISSANCE(71) BOMBARDIER TRANSPORTATION  
GMBH [DE/DE]; Saatwinkler Damm 43,  
13627 Berlin (DE).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) SCHOLTEN, Johannes [DE/DE];  
Schlegelweg 19, 67283 Obrigheim (DE).(74) EFFERT, BRESSEL UND KOLLEGEN;  
Radickestrasse 48, 12489 Berlin (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

- (51)<sup>7</sup> B60L 15/32  
(11) WO 2005/028243 (13) A1  
(21) PCT/DK2003/000623  
(22) 23 Sep/sep 2003 (23.09.2003)  
(25) en (26) en  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • A MODULAR DRIVE WHEEL SYSTEM  
• SYSTEME A ROUES MOTRICES MODULAIRE
- (71) BORRINGIA INDUSTRIE AG [CH/CH]; Riehenmattweg 35, CH-4107 Ettingen (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KOFOED, Henrik [DK/DK]; Bakkergårdsvej 1b, DK-3060 Espergærde (DK). ILSTED BECH, Mogens [DK/DK]; Birkerød Parkvej 55, DK-3460 Birkerød (DK).
- (74) PLOUGMANN & VINGTOFT A/S; Sundkrogsgade 9, P.O. Box 831, DK-2100 Copenhagen Ø (DK).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B60N  
(11) WO 2005/028244 (13) A2  
(21) PCT/FR2004/002238  
(22) 2 Sep/sep 2004 (02.09.2004)  
(25) fr (26) fr  
(30) 0310599 9 Sep/sep 2003 FR (09.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • DEVICE FOR LOCKING A REMOVABLE CAR SEAT  
• DISPOSITIF DE VERROUILLAGE DE SIEGE AUTOMOBILE AMOVIBLE
- (71) RENAULT S.A.S. [FR/FR]; 13-15, quai Alphonse le Gallo, F-92100 Boulogne Billancourt (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BROISIN DOUTAZ, Marc [FR/FR]; 10, rue de l'Avenir, F-92700 Colombes (FR). HLUBINA, Thierry [FR/FR]; 3, rue de Bellevue, F-92370 Chaville (FR).
- (74) HILLION, Didier; Renault s.a.s., Sce 00267 TCR GRA 1 55, 1, Avenue du Golf, F-78288 Guyancourt (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B60N 2/24, 2/38, B64D 25/06  
(11) WO 2005/028245 (13) A1  
(21) PCT/EP2004/008885  
(22) 7 Aug/août 2004 (07.08.2004)  
(25) de (26) de  
(30) 103 41 483.5 5 Sep/sep 2003 DE (05.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • SAFETY SEAT THAT IS SUSPENDED IN LAND VEHICLES, AIRCRAFT OR SEA VESSELS  
• SIEGE DE SECURITE PLACE EN SUSPENSION DANS UN VEHICULE TERRESTRE, UN AVION OU UN BATEAU
- (71) AUTOFLUG GMBH [DE/DE]; 10 Industriestrasse, 25462 Rellingen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HANSEN, Holger [DE/DE]; 49, Schulteblatt, 20357 Hamburg (DE).
- (74) MÜLLER, Karl-Ernst et al. / etc.; 22, Turmstrasse, 40878 Ratingen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B60N 3/00, B62D 1/04, B60R 7/08  
(11) WO 2005/028246 (13) A1  
(21) PCT/JP2003/011951  
(22) 19 Sep/sep 2003 (19.09.2003)  
(25) ja (26) ja  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • TABLE TO BE INSTALLED ON AUTOMOBILE STEERING WHEEL  
• TABLE A INSTALLER SUR LE VOLANT D'UN VEHICULE
- (71, 72) TSUCHIE, Katsutoshi [JP/JP]; 424-10, Haneishi, Kutecho, Ohda-shi, Shimane 694-0051 (JP).
- (74) KOHNO, Makoto; 801, Ohhara Bldg., 2-1, Kandasakuma-cho, Chiyoda-ku, Tokyo 101-0025 (JP).

- (81) CA CN JP KR SG US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- 
- (51)<sup>7</sup> B60P  
(11) WO 2005/028247 (13) A2  
(21) PCT/US2004/016483  
(22) 26 May/mai 2004 (26.05.2004)  
(25) en (26) en  
(30) 10/631,138 31 Jul/juil 2003 US (31.07.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • INTEGRATED OPERATOR WORKSPACE INCORPORATED INTO A MOBILE COMPUTING VEHICLE  
• ZONE DE TRAVAIL D'OPERATEUR INTEGREE INCORPOREE DANS UN VEHICULE INFORMATIQUE MOBILE
- (71) RAYTHEON COMPANY [US/US]; 870 Winter Street, Waltham, MA 02451-1449 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BERGERON, John, M. [US/US]; 72 Union Road, Northfield, NH 03276 (US). SEVRE, Kjetil, A. [NO/NO]; N-3539 Flaa (NO). ST. JEAN, Corrine, M. [US/US]; 10 Federal Hill Road, Nashua, NH 03062 (US). LONGLEY, Jonathan, T. [US/US]; 15 Westwood Road, Lexington, MA 02420 (US). SPICER, Joseph, C. [US/US]; 8 Brentwood Road, Chelmsford, MA 01824-1306 (US). SKJELSTAD, Vidar, M. [NO/NO]; P.O. Box 1003, N-3601 Kongsberg (NO). BUCZALA, Carl, E. [US/US]; 13 Dodge Road, Rowley, MA 01969 (US). OLIZAROWICZ, Stephen, V. [US/US]; 20 Waterford Meadow Drive, Tewksbury, MA 01876 (US). LIPMAN, Shelley, Rosenbaum [US/US]; 30 Champa Road, Billerica, MA 01821-2915 (US).
- (74) MOFFORD, Donald, F. et al. / etc.; Suite 101, 275 Turnpike Street, Canton, MA 02021 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declarations / Déclarations :  
(s) for all designations / pour toutes les désignations  
(t) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> B60P 1/36, B65G 35/04  
(11) WO 2005/028248 (13) A1  
(21) PCT/NL2004/000656  
(22) 22 Sep/sep 2004 (22.09.2004)

- (25) nl (26) en
- (30) 1024356 **23 Sep/sep 2003** NL  
(23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • TRANSPORT VEHICLE COMPRISING A MOVABLE LOADING FLOOR, SUCH A LOADING FLOOR AND SLATS FOR SUCH A LOADING FLOOR  
• PLANCHER DE CHARGEMENT MOBILE, LATTES POUR UN TEL PLANCHER, ET VEHICULE DE TRANSPORT AINSI EQUIPE
- (71) RUFLO B.V. [NL/NL]; Dukaat 10A, NL-5751 PW Deurne (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PETRUS, Arnoldus, Franciscus, Antonius, Knapen [NL/NL]; Steenovenweg 14, NL-5753 AK Deurne (NL).
- (74) DORNA, Peter, Ir. et al. / etc.; Algemeen Octrooi- en Merkenbureau, P.O. Box 645, NL-5600 AP Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> B60Q 1/14, 1/08, 1/02
- (11) WO 2005/028249 (13) A1
- (21) PCT/DE2004/002056
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) de (26) de
- (30) 103 43 479.8 **19 Sep/sep 2003** DE  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND DEVICE FOR CONTROLLING A RADIATION SOURCE  
• PROCEDE ET DISPOSITIF DE COMMANDE D'UNE SOURCE DE RAYONNEMENT
- (71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KRAFT, Dieter [DE/DE]; Finkenweg 39, 70839 Gerlingen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> B60Q 3/02
- (11) WO 2005/028251 (13) A1
- (21) PCT/EP2004/009427
- (22) 24 Aug/août 2004 (24.08.2004)
- (25) de (26) de
- (30) 103 41 409.6 **5 Sep/sep 2003** DE  
(05.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • FITTING WITH AN INTEGRATED LIGHT SOURCE, ESPECIALLY A ROOF LINER  
• PIECE DE REVETEMENT A SOURCE LUMINEUSE INTEGREE, NOTAMMENT PLAFOND
- (71) JOHNSON CONTROLS GMBH [DE/DE]; Industriestrasse 20-30, 51399 Burscheid (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MÜLLER, Wolfgang [DE/DE]; In der Dhünn 8e, 42929 Wermelskirchen (DE). VISSERS, Johan [NL/NL]; Zwaan 4, NL-4872 SX Etten-Leur (NL). NDAGIJIMANA, Robin [DE/DE]; Hochstadenstrasse 27, 41469 Neuss (DE).
- (74) HEMMELMANN, Klaus; Johnson Controls GmbH, Industriestrasse 20-30, 51399 Burscheid (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B60R
- (11) WO 2005/028252 (13) A2
- (21) PCT/US2004/030722
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/503,577 **17 Sep/sep 2003** US  
(17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PYROTECHNIC STORED GAS INFLATOR  
• INFLATEUR A GAZ CONFINE PYROTECHNIQUE
- (71) AUTOMOTIVE SYSTEMS LABORATORY, INC. [US/US]; 69700 Powell Road, Armada, MI 48005 (US).
- (72) KHANDHADIA, Paresh, S.; 6697 Redford Circle, Troy, MI 48098 (US). BLACKBURN, Jeffery, S.; 954 Ridgeview Circle, Lake Orion, MI 48362 (US).
- (74) BEGIN, Laurence, C. et al. / etc.; L.C. Begin & Associates, PLLC, 510 Highland Avenue, PMB 403, Milford, MI 48381 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B60R
- (11) WO 2005/028253 (13) A2
- (21) PCT/US2004/030776

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/503,906 19 Sep/sep 2003 US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MAGNETIC CRASH SENSING  
METHOD• PROCEDE MAGNETIQUE POUR DE-  
TECTER UN IMPACT(71) AUTOMOTIVE SYSTEMS LABORA-  
TORY, INC. [US/US]; 27200 Haggerty  
Road, Suite B-12, Farmington Hills, Michi-  
gan 48331 (US).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) WATSON, William Todd [US/US];  
47037 Ruthan Drive, Belleville, Michigan  
48111 (US). CECH, Leonard S. [US/US];  
5082 Walnut Hills Drive, Brighton, Michigan  
48116 (US). RICE, Debra A. [US/US];  
45879 Riviera Dr., Northville, Michigan  
48167 (US).(74) DUNN, Robert A. et al. / etc.; Dinnin &  
Dunn, P.C., 2701 Cambridge Court, Suite  
500, Auburn Hills, Michigan 48326 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> B60R

(11) WO 2005/028254 (13) A2

(21) PCT/US2004/030840

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,581 19 Sep/sep 2003 US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MAGNETIC CRASH SENSOR

• DETECTEUR DE CHOC MAGNE-  
TIQUE(71) AUTOMOTIVE SYSTEMS LABORA-  
TORY, INC. [US/US]; 27200 Haggerty  
Road, Suite B-12, Farmington Hills, Michi-  
gan 48331 (US).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) MERRICK, William D. [US/US]; 1205  
Prescott Ave., Ann Arbor, Michigan 48105  
(US). WATSON, William Todd [US/US];  
47037 Ruthan Drive, Belleville, Michigan  
48111 (US). BOMYA, Timothy J. [US/US];  
6262 N. Crown Ave., Westland, Michigan  
48185 (US). CECH, Leonard S. [US/US];  
5082 Walnut Hills Drive, Brighton, Michigan  
48116 (US).(74) DUNN, Robert A. et al. / etc.; Dinnin &  
Dunn, P.C., 2701 Cambridge Court, Suite  
500, Auburn Hills, MI 48326 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> B60R 7/06

(11) WO 2005/028255 (13) A1

(21) PCT/FR2004/002331

(22) 14 Sep/sep 2004 (14.09.2004)

(25) fr (26) fr

(30) 0310863 16 Sep/sep 2003 FR  
(16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RETRACTABLE STORAGE DEVICE  
FOR A MOTOR VEHICLE• DISPOSITIF DE RANGEMENT ESCA-  
MOTABLE POUR VÉHICULE AUTO-  
MOBILE(71) FAURECIA INTERIEUR INDUSTRIE  
[FR/FR]; 2, rue Hennape, F-92000 Nanterre  
(FR).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) STOOFF, Freddy [FR/FR]; 71, grande  
Rue, F-68180 Horbour Wihr (FR).(74) ARNAUD, Jean; Lerner et Associés, 5, rue  
Jules Lefebvre, F-75009 Paris (FR).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B60R 11/04

(11) WO 2005/028256 (13) A2

(21) PCT/EP2004/008974

(22) 11 Aug/août 2004 (11.08.2004)

(25) de (26) de

(30) 103 40 496.1 3 Sep/sep 2003 DE  
(03.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VISUALISATION OF THE DEAD AN-  
GLE BEHIND AN A-PILLAR OF A VE-  
HICLE• VISUALISATION DE L'ANGLE MORT  
DERRIERE UN MONTANT A D'UN VE-  
HICULE(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-  
plestrasse 225, 70567 Stuttgart (DE).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) DESENS, Jens [DE/DE]; Grabenstrasse  
28-3, 71404 Korb (DE). SCHÖNERSTEDT,  
Heike [DE/DE]; Grabenstrasse 28/3, 71404  
Korb (DE).(74) SINGER, Klaus et al. / etc.; Daimler-  
Chrysler AG, Intellectual Property Manage-  
ment, IPM - C106, 70546 Stuttgart (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> B60R 13/02

(11) WO 2005/028257 (13) A1

(21) PCT/EP2004/009390

(22) 23 Aug/août 2004 (23.08.2004)

(25) de (26) de

(30) 103 41 265.4 4 Sep/sep 2003 DE  
(04.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FITTING PIECE FOR A VEHICLE  
WITH A REVERSIBLY DETACHABLE  
FIXING MEANS AND CORRESPOND-  
ING METHOD• ELEMENT D'EQUIPEMENT POUR UN  
VEHICULE AVEC MOYEN DE FIXA-  
TION AMOVIBLE DE FAÇON REVER-  
SIBLE ET PROCEDE(71) JOHNSON CONTROLS INTERIORS  
GMBH & CO. KG [DE/DE]; Mülhausener  
Strasse 35, 47929 Grefrath (DE).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) BECKING, Roman [DE/DE]; Suotyhof  
6, 66740 Saarlouis (DE). MÜLLER, Wolf-  
gang [DE/DE]; In der Dhünn 8c, 42929 Wer-  
melskirchen (DE).(74) KUTZENBERGER, Helga et al. / etc.;  
Kutzenberger & Wolff, Theodor-Heuss-Ring  
23, 50668 Köln (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM

- TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> B60R 16/02, H02J 7/14
- (11) WO 2005/028258 (13) A1
- (21) PCT/EP2004/009380
- (22) 21 Aug/août 2004 (21.08.2004)
- (25) de (26) de
- (30) 103 41 907.1 11 Sep/sep 2003 DE  
(11.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR ENERGY MANAGE-  
MENT
- PROCEDE DE GESTION DE  
L'ENERGIE
- (71) DAIMLERCHRYSLER AG [DE/DE]; Ep-  
plestrasse 225, 70567 Stuttgart (DE).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) GEHRING, Ottmar [DE/DE];  
Kelterstrasse 45, 71394 Kernen (DE).  
HEILMANN, Harro [DE/DE]; He-  
lene-Lange-Strasse 40, 73760 Ostfildern  
(DE). SCHWARZHAUPT, Andreas  
[DE/DE]; Klingwiesenstrasse 24, 74420  
Oberrot (DE). SIEGLIN, Erik [DE/DE];  
Hermann-Kurz-Strasse 24, 70192 Stuttgart  
(DE). SPIEGELBERG, Gernot [DE/DE];  
Blossenbergstrasse 44, 71296 Heimsheim  
(DE). STAHL, Wolfgang [DE/DE]; Im  
Bläslersrain 15, 72644 Oerboihingen (DE).  
SULZMANN, Armin [DE/DE]; Plankstadter  
Strasse 18, 68723 Oftersheim (DE).
- (74) ESCHBACH, Arnold et al. / etc.; Daimler-  
Chrysler AG, Intellectual Property Manage-  
ment, IPM-C106, 70546 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> B60R 21/00
- (11) WO 2005/028260 (13) A2
- (21) PCT/US2004/030283
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 10/663,139 16 Sep/sep 2003 US  
(16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ANTI-TWISTING INFLATABLE CUR-  
TAIN ASSEMBLY
- ENSEMBLE RIDEAU GONFLABLE  
ANTI-VRILLAGE
- (71) AUTOLIV ASP, INC. [US/US]; 3350 Air-  
port Road, Ogden, UT 84405 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) BURTON, Thomas, C. [US/US]; 920  
South Nerval Circle #B, Salt Lake City, UT  
84108 (US). FULMER, Brian [US/US];  
6206 West 4700 South, Hooper, UT 84315  
(US). HESS, Travis [US/US]; 1460 North  
1500 West, Farr West, UT 84404 (US).
- (74) AUSTIN, Wesley, L.; Madson & Metcalf, 15  
West South Temple, Suite 900, Salt Lake City,  
UT 84101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> B60R 21/04, F16F 7/12
- (11) WO 2005/028261 (13) A1
- (21) PCT/EP2004/008715
- (22) 4 Aug/août 2004 (04.08.2004)
- (25) de (26) de
- (30) 103 40 383.3 2 Sep/sep 2003 DE  
(02.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HOLLOW SPHERE-FILLED DEFOR-  
MATION COMPONENTS OR CRASH  
STRUCTURES HAVING A GRADIENT  
STRUCTURE
- ELEMENTS DE DEFORMATION  
REMPLEIS DE BILLES CREUSES  
A GRADIENT OU STRUCTURES  
D'ABSORPTION D'IMPACT A BILLES  
CREUSES A GRADIENT
- (71) DAIMLERCHRYSLER AG [DE/DE]; Ep-  
plestrasse 225, 70567 Stuttgart (DE).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) BJEKOVIC, Robert [DE/DE];  
Barschweg 5, 89584 Ehingen (DE). FUSS-  
NEGGER, Wolfgang [DE/DE]; Käthe-Koll-  
witz-Strasse 12, 72074 Tübingen (DE).  
GERICK, Arndt [DE/DE]; Riedlenstrasse  
37, 89079 Ulm (DE). LEMPENAUER,  
Klaus [DE/DE]; Ochsensteige 67, 89075  
Ulm (DE). WORTBERG, Daniel [DE/DE];  
Virchowstrasse 15, 89075 Ulm (DE). LAN-  
GENBUCHER, Thomas [DE/DE]; Fried-  
hofstrasse 15/1, 89129 Langenau (DE).  
ANDERSSON, Karin [DE/DE]; Muelberg-  
erstrasse 91, 73728 Esslingen (DE).
- (74) DAIMLERCHRYSLER AG; Intellectual  
Property Management, HPC U800, Wil-  
helm-Runge-Strasse 11, 89081 Ulm (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.



(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60R 21/06

(11) WO 2005/028262 (13) A1

(21) PCT/EP2004/009374

(22) 21 Aug/août 2004 (21.08.2004)

(25) de (26) de

(30) 103 41 411.8 5 Sep/sep 2003 DE (05.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEFORMABLE FIXING ELEMENT, IN PARTICULAR FOR A SAFETY NET FOR THE CARGO SPACE OF A MOTOR VEHICLE

• FIXATION DEFORMABLE, DESTINEE NOTAMMENT A UN FILET DE SEPARATION POUR L'ESPACE DE CHARGEMENT D'UN VEHICULE AUTOMOBILE

(71) JOHNSON CONTROLS GMBH [DE/DE]; Industriestrasse 20 - 30, 51399 Burscheid (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PLIKA, Alikei [SE/SE]; Fagleviksvej 20, S-423 53 Torslanda (SE). LEWIS, Richard, G. [GB/SE]; Aschebergsgatan 25, S-411 33 Göteborg (SE).

(74) HEMMELMANN, Klaus; Johnson Controls GmbH, Industriestrasse 20 - 30, 51399 Burscheid (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60R 21/20

(11) WO 2005/028263 (13) A2

(21) PCT/DE2004/002076

(22) 16 Sep/sep 2004 (16.09.2004)

(25) de (26) de

(30) 203 14 374.4 16 Sep/sep 2003 DE (16.09.2003)

(30) 203 18 815.2 4 Dec/déc 2003 DE (04.12.2003)

(30) 20 2004 003 470,0 5 Mar/mar 2004 DE (05.03.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AIRBAG DEVICE AND OPERATING METHOD FOR SAID DEVICE

• DISPOSITIF SAC GONFLABLE ET SON MODE DE FONCTIONNEMENT

(71) INOVA GmbH [DE/DE]; Technische Entwicklungen, Wiesenstrasse 62, Rüsselsheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÜLLER, Olaf [DE/DE]; Wiesenstrasse 62, 65428 Rüsselsheim (DE).

(74) LINDNER, Manfred, K.; Göllheimer Strasse 5, 81241 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60R 21/26

(11) WO 2005/028264 (13) A1

(21) PCT/SE2004/001266

(22) 3 Sep/sep 2004 (03.09.2004)

(25) en (26) en

(30) 0322519.0 25 Sep/sep 2003 GB (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMPROVEMENTS IN OR RELATING TO A GAS DEFLECTOR

• PERFECTIONNEMENTS RELATIFS A UN DEFLECTEUR DE GAZ

(71) AUTOLIV DEVELOPMENT AB [SE/SE]; S-447 80 Vårgårda (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HABERZETTL, Andreas [DE/DE]; Flutkanal 6, D-84405 Dorfen (DE). KLOSS, Markus [DE/DE]; Hollerner Str. 21, D-85386 Eching (DE).

(74) MEULLER, Erik; Autoliv Development AB, S-447 83 Vårgårda (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60R 22/46

(11) WO 2005/028265 (13) A1

(21) PCT/EP2004/009604

(22) 28 Aug/août 2004 (28.08.2004)

(25) de (26) de

(30) 103 42 230.7 11 Sep/sep 2003 DE (11.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BELT-TENSIONING DEVICE WITH A MASS-COMPENSATING PRETENSIONING COUPLING

• PRETENSIONNEUR DE CEINTURE A CONNEXION PRESENTANT UN EQUI-LIBRAGE DES MASSES

(71) AUTOLIV DEVELOPMENT AB [SE/SE]; Wallentinsvagen 22, S-447 83 Vargårda (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATZEN, Frank [DE/DE]; König-Heinrich-Weg 90, 22459 Hamburg (DE).

LUCHT, Andreas [DE/DE]; Wiesengrund 26, 25358 Horst (DE). WITTENBERG, Geert-Helge [DE/DE]; Goethestrasse 15, 22848 Norderstedt (DE).

(74) MÜLLER, Karl-Ernst et al. / etc.; Turmstrasse 22, 40878 Ratingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60S 1/08

(11) WO 2005/028266 (13) A1

(21) PCT/EP2004/009397

(22) 23 Aug/août 2004 (23.08.2004)

(25) de (26) de

(30) 103 40 702.2 4 Sep/sep 2003 DE (04.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR OPERATING A SENSOR DEVICE FOR DETECTING INTERFERENCE ON THE OUTSIDE OF AN OPTICALLY-TRANSPARENT BODY

• PROCEDE DE FONCTIONNEMENT D'UN DISPOSITIF DE DETECTION DESTINE A DETECTER DES INFLUENCES PERTURBATRICES SUR LA FACE EXTERIEURE D'UN CORPS OPTIQUEMENT TRANSPARENT

(71) VALEO SCHALTER UND SENSOREN GMBH [DE/DE]; Laiernstrasse 12, 74321 Bietigheim-Bissingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHULER, Thomas [DE/DE]; Wilhelm-Gille-Strasse 1, 75446 Wiernsheim (DE). SCHUHMACHER, Tobias [DE/DE]; Wehrweg 7, 71665 Vaihingen-Horrheim (DE).

(74) **BULLING, Alexander**; Dreiss, Fuhlendorf, Steimle & Becker, Postfach 10 37 62, 70032 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60S 3/04, B08B 3/02

(11) WO 2005/028267 (13) A1

(21) PCT/AU2004/001324

(22) 27 Sep/sep 2004 (27.09.2004)

(25) en (26) en

(30) 2003100815 25 Sep/sep 2003 AU (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A PORTABLE WASH BAY

• POSTE DE LAVAGE TRANSPORTABLE

(71) **ULTIMATE CLUB WASH PTY LTD** [AU/AU]; KPMG Accountants, GPO Box 5012, Gold Coast Mail Centre, Bundall, Queensland 9726 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CORAN, Chris** [AU/AU]; c/o KPMG Accountants, GPO Box 5012, Gold Coast Mail Centre, Bundall, Queensland 9726 (AU).

(74) **CULLEN & CO.**; Level 26, 239 George Street, Brisbane, Queensland 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B60T 7/06, 17/22

(11) WO 2005/028268 (13) A1

(21) PCT/IB2004/002216

(22) 6 Jul/juil 2004 (06.07.2004)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SUPPORT BRACKET WITH AN INTEGRATED SWITCH FOR A PEDAL ASSEMBLY

• CONSOLE DE SUPPORT A COMMUNIQUEUR INTEGRE POUR ENSEMBLE PEDALE DE FREIN

(71) **KSR INTERNATIONAL CO.** [CA/CA]; 95, Eric Street South, Ridgetown, Ontario N0P 2C0 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **O'NEILL, Dan** [CA/CA]; 22 Daleview Crescent, Chatham, Ontario N7M 5W1 (CA). **MISHCHENKO, Peter** [CA/CA]; RR #1, Fingal, Ontario N0L 1k0 (CA).

(74) **KRASS, Allen, M. et al.** / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., Suite 400, 280 N. Old Woodward Avenue, Birmingham, MI 48009-5394 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c), (f)

(51)<sup>7</sup> B60T 8/00, 13/66, 13/74

(11) WO 2005/028269 (13) A1

(21) PCT/DE2004/002055

(22) 15 Sep/sep 2004 (15.09.2004)

(25) de (26) de

(30) 103 43 398.9 19 Sep/sep 2003 DE (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EXTERNAL ENGINE CONTROL MODULE FOR A BRAKE CONTROL SYSTEM

• MODULE EXTERNE DE COMMANDE DE MOTEUR POUR SYSTEMES DE REGULATION DE FREINAGE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIEMER, Peter** [DE/DE]; Im Gewand 15, 72631 Aichtal (DE). **HERTLEIN, Guenther** [DE/DE]; Hornberg 4, 74427 Fichtenberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B60T 8/00

(11) WO 2005/028270 (13) A1

(21) PCT/EP2003/010505

(22) 19 Sep/sep 2003 (19.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR MONITORING TYRE DEFORMATIONS AND MONITORING SYSTEM THEREFOR

• PROCEDE ET SYSTEME DE SURVEILLANCE DES DEFORMATIONS DES PNEUS

(71) **PIRELLI PNEUMATICI S.P.A.** [IT/IT]; Viale Sarca, 222, I-20126 Milano (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SERRA, Stefano** [IT/IT]; Pirelli Labs S.p.A., Viale Sarca, 222, I-20126 Milano (IT). **CARRUS, Antonio** [IT/IT]; Pirelli Labs S.p.A., Viale Sarca, 222, I-20126 Milano (IT). **CIPRIANI, Chiara** [IT/IT]; Pirelli Labs S.p.A., Viale Sarca, 222, I-20126 Milano (IT). **ALBIZZATI, Enrico** [IT/IT]; Pirelli Labs S.p.A., Viale Sarca, 222, I-20126 Milano (IT). **CARETTA, Renato** [IT/IT]; Pirelli Pneumatici S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

(74) **COLOMBO, Stefano, Paolo et al.** / etc.; Marchi & Partners S.r.l., Via Pirelli, 19, I-20124 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60T 8/32

(11) WO 2005/028271 (13) A1

(21) PCT/US2004/029753

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 10/664,324 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR MAINTAINING A VEHICLE AT ZERO SPEED ON A GRADED SURFACE

• SYSTEME ET PROCEDE POUR LE MAINTIEN D'UN VEHICULE A VITESSE NULLE SUR UNE SURFACE ASCENDANTE

(71) **GENERAL MOTORS CORPORATION** [US/US]; Legal Staff-Mail Code 482-C23-B21, P.O. Box 300, Detroit, MI 48265-3000 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72) **KINSER, Christopher**; 3372 McConnell Street, Lake Orion, MI 48359 (US). **CLAY-OPOLE, George**; 7285 Parkwood Drive, Fenton, MI 48430 (US). **CHHAYA, Sunil**; 2356 Hinge Drive, Troy, MI 48083 (US).

(74) **DEVRIES, Christopher**; General Motors Corporation, Legal Staff-Mail Code 482-C23-B21, P.O. Box 300, Detroit, MI 48265-3000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B61C 15/14

(11) WO 2005/028272 (13) A1

(21) PCT/US2004/030305

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 10/666,300 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ENHANCED LOCOMOTIVE ADHESION CONTROL

• COMMANDE AMELIOREE DE L'ADHESION D'UNE LOCOMOTIVE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KUMAR, Ajith, K.** [US/US]; 528 Donna Drive, Erie, PA 16509 (US). **WORDEN, Bret** [US/US]; 15550 Old Wattsburg Road, Union City, PA 16438 (US).

(74) **GNIBUS, Michael et al.** / etc.; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*

*(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*

(51)<sup>7</sup> B61C 17/12, B61L 7/00, G08C 17/02, G08G 1/0962

(11) WO 2005/028273 (13) A1

(21) PCT/CA2004/001661

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 10/667,641 22 Sep/sep 2003 US (22.09.2003)

(30) 10/667,642 22 Sep/sep 2003 US (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A CONFIGURABLE REMOTE CONTROL SYSTEM FOR A LOCOMOTIVE

• SYSTEME DE TELECOMMANDE CONFIGURABLE DESTINE A UNE LOCOMOTIVE

(63) US Not furnished / non communiqué (CON)

Not furnished / non communiquée

US 10/667,642 (CIP) 22 Sep/sep 2003 (22.09.2003)

(71) **BELTPACK CORPORATION** [CA/CA]; 935 de la Gauchetière Street West, Montreal, Quebec H3B 2M9 (CA).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HORST, Folkert** [CA/CA]; 4294 Graham Drive, Pierrefonds, Quebec H9H 2B6 (CA). **SZKLAR, Oleh** [CA/CA]; 6845, des Coquelicots Street, St-Hubert, Quebec J3Y 8N9 (CA). **START, Emma** [CA/CA]; 665, Guy #2, Montreal, Quebec H3J 2V5 (CA). **MATTAR, Brigide** [CA/CA]; 550 Dawson Avenue, Ville Mont-Royal, Quebec H3R 1C6 (CA).

(74) **SMART & BIGGAR**; 1000 de la Gauchetière Street West, Suite 3300, Montreal, Quebec H3B 4W5 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B61C 17/12, B60R 25/00, A61B 5/117

(11) WO 2005/028274 (13) A1

(21) PCT/CA2004/001662

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 10/667,683 22 Sep/sep 2003 US (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A REMOTE CONTROL SYSTEM FOR A LOCOMOTIVE HAVING USER AUTHENTICATION CAPABILITIES

• SYSTEME DE TELECOMMANDE DE LOCOMOTIVE A AUTHENTICATION D'UTILISATEUR

(71) **BELTPACK CORPORATION** [CA/CA]; 935 de la Gauchetière Street West, Montreal, Quebec H3B 2M9 (CA).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HORST, Folkert** [CA/CA]; 4294 Graham Drive, Pierrefonds, Quebec H9H 2B6 (CA). **SZKLAR, Oleh** [CA/CA]; 6845 des Coquelicots, St-Hubert, Quebec J3Y 8N9 (CA). **START, Emma** [CA/CA]; 665 Guy #2, Montreal, Quebec H3J 2V5 (CA). **MATTAR, Brigide** [CA/CA]; 550 Dawson Avenue, Ville Mont-Royal, Quebec H3R 1C6 (CA).

(74) **SMART & BIGGAR**; 1000 De La Gauchetière Street West, Suite 3300, Montreal, Quebec H3B 4W5 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B61F 19/04, B60R 19/26

(11) WO 2005/028275 (13) A1

(21) PCT/US2004/030310

(22) 16 Sep/sep 2004 (16.09.2004)

- (25) en (26) en CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- (30) 60/504,091 **19 Sep/sep 2003** US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • INTEGRATED IMPACT PROTECTING SYSTEM  
• SYSTEME DE PROTECTION D'IMPACT INTEGRE
- (71) SIEMENS TRANSPORTATION SYSTEMS, INC. [US/US]; 7464 French Road, Sacramento, California 95828-4600 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GOUGH, Glen [US/US]; 7308 Hayward Drive, Sacramento, California 95828 (US).
- (74) CHUNG, David, D. et al. / etc.; Siemens Corporation, Intellectual Property Dept., 170 Wood Avenue South, Iselin, New Jersey 08830 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B62B 3/00, B65D 19/22
- (11) WO 2005/028276 (13) A1
- (21) PCT/SE2004/001339
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 0302495-7 **19 Sep/sep 2003** SE  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • TRANSPORT ASSEMBLY  
• ENSEMBLE TRANSPORT
- (71) ARCA SYSTEMS INTERNAIONAL AB [SE/SE]; Box 84, S-284 22 Perstorp/SE (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOLGESSON, Magnus [SE/SE]; Furu-torpsgatan 60, S-252 45 Helsingborg/SE (SE).
- (74) STENBERG, Yngve; c/o Perstorp AB, S-284 80 Perstorp (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> B62B 5/00
- (11) WO 2005/028277 (13) A1
- (21) PCT/IB2004/002980
- (22) 14 Sep/sep 2004 (14.09.2004)
- (25) en (26) en
- (30) PN2003A000061 **19 Sep/sep 2003** IT  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MULTI-PURPOSE CART  
• CHARIOT A USAGES MULTIPLES
- (71, 72) CORVINO, Ciro [IT/IT]; Via Annia, n. 84, I-33053 Latisana (UD) (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> B62B 5/04
- (11) WO 2005/028278 (13) A2
- (21) PCT/DE2004/002110
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) de (26) de
- (30) 203 14 705.7 **22 Sep/sep 2003** DE  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • TRANSPORT CAR WITH ANTI-THEFT PROTECTION  
• CHARIOT DE TRANSPORT AVEC ANTI-VOL
- (71) SYSTEC POS TECHNOLOGY GMBH [DE/DE]; Lindbergh Str. 8, 82178 Puchheim (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WIETH, Franz [DE/DE]; Lindberghstrasse 8, 82178 Puchheim (DE).  
SONNEN-DORFER, Horst [DE/DE]; Lindberghstrasse 8, 82178 Puchheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(r) for all designations / pour toutes les désignations  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(t) for all designations / pour toutes les désignations  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> B62D 1/19
- (11) WO 2005/028279 (13) A1
- (21) PCT/EP2004/009029
- (22) 12 Aug/aouût 2004 (12.08.2004)
- (25) de (26) de
- (30) 103 41 704.4 **10 Sep/sep 2003** DE  
(10.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • STEERING COLUMN ASSEMBLY COMPRISING A STEERING COLUMN THE TILT AND LENGTH OF WHICH CAN BE MODIFIED  
• ENSEMBLE COLONNE DE DIRECTION COMPRENANT UNE COLONNE DE DIRECTION A INCLINAISON ET LONGUEUR MODIFIABLES
- (71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EGGERS, Fred [DE/DE]; Am Klöterbusch 39a, 24614 Buxtehude (DE). ERANG, Marcel [DE/DE]; Henstedter Weg, 22, 22889 Wilstedt (DE). HARMS, Torsten [DE/DE]; Nincooper Strasse, 158, 21129 Hamburg (DE). KITTLER, Holger [DE/DE]; Bergiusstrasse, 22, 22763 Hamburg (DE). SAGNER, Sven [DE/DE]; Fuhlsbüttlerstrasse, 421, 22309 Hamburg (DE).
- (74) BERGEN-BABINECZ, Katja et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B62D 1/19

(11) WO 2005/028280 (13) A1

(21) PCT/EP2004/009105

(22) 13 Aug/août 2004 (13.08.2004)

(25) de (26) de

(30) 103 41 604.8 10 Sep/sep 2003 DE  
(10.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • STEERING COLUMN ASSEMBLY COMPRISING A STEERING COLUMN THE TILT AND LENGTH OF WHICH CAN BE MODIFIED

- ENSEMBLE COLONNE DE DIRECTION COMPRENANT UNE COLONNE DE DIRECTION A INCLINAISON ET LONGUEUR MODIFIABLES

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) EGGERS, Fred [DE/DE]; Am Klöterbusch 39a, 21614 Buxtehude (DE). HARMS, Torsten [DE/DE]; Nincoper Strasse 158, 21129 Hamburg (DE). KITTLER, Holger [DE/DE]; Bergiusstrasse, 22, 22763 Hamburg (DE). SAGNER, Sven [DE/DE]; Fuhlsbüttler Strasse 421, 22309 Hamburg (DE).

(74) BERGEN-BABINECZ, Katja et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B62D 1/19

(11) WO 2005/028281 (13) A1

(21) PCT/EP2004/009110

(22) 13 Aug/août 2004 (13.08.2004)

(25) de (26) de

(30) 103 41 693.5 10 Sep/sep 2003 DE  
(10.09.2003)(30) 10 2004 024 876.1 21 May/mai 2004 DE  
(21.05.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • STEERING COLUMN ASSEMBLY COMPRISING A STEERING COLUMN THE TILT AND LENGTH OF WHICH CAN BE MODIFIED

- ENSEMBLE COLONNE DE DIRECTION COMPRENANT UNE COLONNE DE DIRECTION A INCLINAISON ET LONGUEUR MODIFIABLES

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) EGGERS, Fred [DE/DE]; Am Klöterbusch 39a, 21614 Buxtehude (DE). ERANG, Marcel [DE/DE]; Henstedter Weg, 22, 22889 Wilstedt (DE). HARMS, Torsten [DE/DE]; Nincoper Strasse 158, 21129 Hamburg (DE). KITTLER, Holger [DE/DE]; Bergiusstrasse, 22, 22763 Hamburg (DE). SAGNER, Sven [DE/DE]; Fuhlsbüttlerstrasse 421, 22309 Hamburg (DE).

(74) BERGEN-BABINECZ, Katja et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM - C 106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B62D 1/19, 1/18

(11) WO 2005/028282 (13) A1

(21) PCT/EP2004/009828

(22) 3 Sep/sep 2004 (03.09.2004)

(25) de (26) de

(30) 103 43 399.6 19 Sep/sep 2003 DE  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • STEERING COLUMN ARRANGEMENT

- ENSEMBLE COLONNE DE DIRECTION

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BASTEIN, Christian [DE/DE]; Moesburger Strasse 13, 21629 Neu-Wulmstorf (DE). EGGERS, Fred [DE/DE]; Am Klöterbusch 39a, 21614 Buxtehude (DE). KITTLER, Holger [DE/DE]; Bergiusstrasse, 22, 22763 Hamburg (DE). SCHULIERS, Wolfgang [DE/DE]; Kurze Strasse 2 a, 21244 Buchholz (DE). TATULINSKI, Jörk [DE/DE]; Schwarzenbergstrasse 70, 21073 Hamburg (DE).

(74) BERGEN-BABINECZ, Katja et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2005/028283 (13) A1

(21) PCT/AU2004/001286

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 2003905143 22 Sep/sep 2003 AU  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • STEERING GEAR

- ROUE DE DIRECTION

(71) BISHOP INNOVATION LIMITED [AU/AU]; 10 Waterloo Road, North Ryde, NSW 2113 (AU).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BISHOP, Arthur, Ernest [AU/AU]; 3 Martha St, Hunters Hill, NSW 2110 (AU). MAXWELL, Stuart, Andrew [AU/AU]; 27 Wolfe Road, East Ryde, NSW 2113 (AU).

(74) PAPPAS, Frank; Bishop Innovation Limited, P.O. Box 135, North Ryde, NSW 1670 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B62D 3/12

(11) WO 2005/028284 (13) A1

(21) PCT/JP2004/014028

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-325730 18 Sep/sep 2003 JP  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • STROKE END DAMPER

- AMORTISSEUR DE FIN DE COURSE

(71) NSK LTD. [JP/JP]; 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8560 (JP). NSK STEERING SYSTEMS CO., LTD. [JP/JP]; 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8560 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) TSUBOI, Yoshitaka [JP/JP]; c/o NSK Steering Systems, Co., Ltd., 8-1, Sojmachii

- 1-chome, Maebashi-shi, Gunma 371-8528 (JP).
- (74) **OGURI, Shohei et al. / etc.**; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B62D 5/04**
- (11) **WO 2005/028285** (13) A1
- (21) PCT/EP2004/008880
- (22) **7 Aug/août 2004 (07.08.2004)**
- (25) de (26) de
- (30) 103 41 157.7 **6 Sep/sep 2003** DE (06.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SAFETY COUPLING FOR STEERING SYSTEMS
- ACCOUPLEMENT DE SECURITE POUR SYSTEMES DE DIRECTION
- (71) **THYSSENKRUPP AUTOMOTIVE AG** [DE/DE]; Alleestr. 165, 44793 Bochum (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STAUDENMANN, Christian** [CH/CH]; Schönfeldstrasse 1, CH-9470 Buchs SG (CH). **EMMENEGGER, Reto** [CH/DE]; Studentenwohnheim Argonne, Zimmer Nr. 120, Lägelerstr. 28/1, 88250 Weingarten (DE).
- (74) **ADAMS, Steffen**; ThyssenKrupp Automotive AG, Recht und Patente, Alleestr. 165, Postfach 10 14 11, 44714 Bochum (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B62D 5/04, B60R 16/02, B60G 17/015**
- (11) **WO 2005/028286** (13) A1
- (21) PCT/EP2004/009627
- (22) **28 Aug/août 2004 (28.08.2004)**
- (25) de (26) de
- (30) 10341963.2 **11 Sep/sep 2003** DE (11.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • POWER STEERING SYSTEM AND VEHICLE FITTED THEREWITH
- SYSTEME DE DIRECTION ASSISTEE A MOTEUR ELECTRIQUE ET VEHICULE EQUIPE DE CE SYSTEME
- (71) **ZF LENKSYSTEME GMBH** [DE/DE]; Richard-Bullinger-Strasse 77, 73527 Schwäbisch Gmünd (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MERZ, Johann** [DE/DE]; Robert-Koch-Strasse 8, 73527 Schwäbisch Gmünd (DE).
- (74) **ZF LENKSYSTEME GMBH**; Patentabteilung (EVP), Richard-Bullinger-Strasse 77, 73527 Schwäbisch Gmünd (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
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- (51)<sup>7</sup> **B62D 25/08, F16B 35/00, 37/04**
- (11) **WO 2005/028287** (13) A1
- (21) PCT/JP2004/013358
- (22) **14 Sep/sep 2004 (14.09.2004)**
- (25) ja (26) ja
- (30) 2003-324972 **17 Sep/sep 2003** JP (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • BOLT-NUT MECHANISM
- MECANISME A BOULON ET ECROU
- (71) **IWATA BOLT KABUSHIKI KAISHA** [JP/JP]; 32-4, Nishi-Gotanda 2-chome, Shinagawa-ku, Tokyo 141-8508 (JP). **NISSAN MOTOR CO., LTD.** [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **IWATA, Kiyotaka** [JP/JP]; c/o Iwata Bolt Kabushiki Kaisha, 32-4, Nishi-Gotanda 2-chome, Shinagawa-ku, Tokyo 141-8508 (JP). **KITAI, Kazuki** [JP/JP]; 4-12-51, Morinosato, Atsugi-shi, Kanagawa 243-0122 (JP).
- (74) **YOSHITAKE, Kenji et al. / etc.**; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B62D 25/08, B60K 23/02**
- (11) **WO 2005/028288** (13) A1
- (21) PCT/JP2004/014141
- (22) **21 Sep/sep 2004 (21.09.2004)**
- (25) ja (26) ja
- (30) 2003-330044 **22 Sep/sep 2003** JP (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PEDAL BRACKET ARRANGEMENT STRUCTURE
- STRUCTURE D'ENSEMBLE DE PEDALIER
- (71) **DAIHATSU MOTOR CO., LTD.** [JP/JP]; 1-1, Daihatsucho, Ikeda-shi, Osaka, 5638651 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TSUJITA, Toshiya YAMAOKA, Koji OOKUBO, Shinsuke**
- (74) **ISHIHARA, Masaru**; 5th Floor, Tatsuno Nishi-tenma Bldg., 1-6, Nishi-tenma 3-chome, Kita-ku, Osaka-shi, Osaka 5300047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B62D 31/00, 25/16, 25/08**
- (11) **WO 2005/028289** (13) A1
- (21) PCT/FR2003/002565
- (22) **22 Aug/août 2003 (22.08.2003)**
- (25) fr (26) fr
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD OF REDUCING THE NUMBER OF COMPONENTS FORMING A VEHICLE BODY
- PROCEDE PERMETTANT DE REDUIRE LE NOMBRE D'ELEMENTS CONSTITUTIFS D'UNE CARROSSE-RIE DE VEHICULE

(71, 72) DUTEL, Jérôme [FR/FR]; 4bis, rue Henri Tariel, F-92130 Issy-Les-Moulineaux (FR).

(81) AU BR CA CN ID IN JP KR PH PL RU US ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> B62D 53/08

(11) WO 2005/028290 (13) A1

(21) PCT/EP2004/007908

(22) 16 Jul/juil 2004 (16.07.2004)

(25) de (26) de

(30) 103 41 019.8 3 Sep/sep 2003 DE (03.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FIFTH WHEEL WITH ANTI-THEFT PROTECTION DEVICE

• SELLETTE D'ATTELAGE EQUIPEE D'UN DISPOSITIF ANTIVOL

(71) GEORG FISCHER VERKEHRSTECHNIK GMBH [DE/DE]; Julius-Bühner-Strasse 12, 78224 Singen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BÜTTNER, Siegfried [DE/DE]; Homburgstrasse 26, 78224 Singen (DE).

(74) WEISS, Wolfgang; Georg Fischer AG, Amstler-Laffon-Strasse 9, CH-8201 Schaffhausen (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B62D 65/00

(11) WO 2005/028291 (13) A2

(21) PCT/EP2004/008980

(22) 11 Aug/août 2004 (11.08.2004)

(25) de (26) de

(30) 103 40 685.9 4 Sep/sep 2003 DE (04.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MOTOR VEHICLE BODY, AND METHOD FOR THE PRODUCTION OF AN INTEGRAL SUPPORT

• CARROSSERIE DE VEHICULE AUTOMOBILE ET PROCEDE DE PRODUCTION D'UN SUPPORT INTEGRAL

(71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEHMANN, Bernhard [DE/DE]; Parkstrasse 7, 71063 Sindelfingen (DE). STERN,

Johann [DE/DE]; Hungerbergweg 10, 71093 Weil im Schönbuch (DE). STREICHER, Dietmar [DE/DE]; Helmholtzstrasse 8, 72555 Metzinger (DE).

(74) NÄRGER, Ulrike et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM-C106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B62K

(11) WO 2005/028292 (13) A2

(21) PCT/US2004/030229

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/662,770 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • STEERING HUB BEARING ASSEMBLY

• ENSEMBLE SUPPORT DE MOYEU DE DIRECTION

(71) REXNORD CORPORATION [US/US]; 4701 West Greenfield Avenue, Milwaukee, WI 53214 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILLIAMS, Steven, S. [US/US]; 36 Robin Hill Drive, Naperville, IL 60540 (US).

(74) RADLER, Daniel, G.; Quarles & Brady LLP, 411 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B62M 1/04, 1/16

(11) WO 2005/028293 (13) A1

(21) PCT/JP2004/014026

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-368086 24 Sep/sep 2003 JP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SPINNING TOP-DRIVEN BICYCLE

• BICYCLETTE A ENTRAINEMENT SUPERIEUR ROTATIF

(71, 72) YOSHITATSU, Seitaro [JP/JP]; 12-1-1008, Nishihokima 4-chome, Adati-ku, Tokyo 121-0812 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B63B 35/79, 35/73

(11) WO 2005/028294 (13) A1

(21) PCT/AU2004/001315

(22) 24 Sep/sep 2004 (24.09.2004)

(25) en (26) en

(30) 2003905194 24 Sep/sep 2003 AU (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A WATER BOARD

• PLANCHE AQUATIQUE

(71, 72) MASSONI, Janine [AU/AU]; 54 Glen Ruther Court, Mt Crosby, Queensland 4306 (AU).

(74) FISHER ADAMS KELLY; Level 13, AMP Place, 10 Eagle Street, Brisbane, Queensland 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B63B 39/04, G05D 1/08

(11) WO 2005/028295 (13) A1

(21) PCT/AU2004/001271

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 2003905118 19 Sep/sep 2003 AU (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VESSEL STABILISATION APPARATUS AND METHOD

- APPAREIL ET PROCEDE DE STABILISATION D'UN BATEAU
- (71) **SEA GYRO PTY LTD** [AU/AU]; Level 1, Building 100, The Chancellor, Curtin University of Technology, Kent Street, Bentley, WA 6102 (AU).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AYRES, Colin C.** [AU/AU]; 31 Sparks Road, Henderson, Perth, Western Australia 6166 (AU).
- (74) **GRIFFITH HACK**; Level 6, 256 Adelaide Terrace, Perth, Western Australia 6000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
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- (51)<sup>7</sup> **B63B 43/06**
- (11) **WO 2005/028296** (13) A1
- (21) PCT/IN2003/000321
- (22) **23 Sep/sep 2003 (23.09.2003)**
- (25) en (26) en
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **BALLAST MATERIAL AND OIL POLLUTION PREVENTION MANAGEMENT SYSTEM**
- **MATERIAU DE BALLAST ET SYSTEME DE GESTION DE LA PREVENTION DE LA POLLUTION**
- (71, 72) **MEHTA, Virendra, J.** [IN/IN]; Kamat Classic, 8, T/2 Phase 4, Caranzalem, Panjim, Goa 403 802 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
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- (51)<sup>7</sup> **B63B 59/04, F15B 15/14**
- (11) **WO 2005/028297** (13) A1
- (21) PCT/IT2004/000507
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) it (26) en
- (30) **RM2003A000438 24 Sep/sep 2003 IT (24.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **DEVICE FOR PROTECTION OF A SUBMERGED ELEMENT FROM MARINE VEGETATION, PARTICULARLY FOR PROTECTION OF A PISTON-CYLINDER**
- **DISPOSITIF DESTINE A PROTEGER UN ELEMENT SUBMERGE, ET NOTAMMENT UN ENSEMBLE PISTON-CYLINDRE, CONTRE LA VEGETATION MARINE**
- (71) **JOLLY DRIVE S.R.L.** [IT/IT]; Via Nettuno 117/A, I-04012 Cisterna di Latina (LT) (IT).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GAIA, Angelo** [IT/IT]; Cartello S.R.L., Via Terrarossa, 1, I-16042 Carasco (GE) (IT).
- (74) **IANNONE, Carlo, Luigi et al.** / etc.; Ing. Barzanò & Zanardo Roma S.P.A., Via Piemonte, 26, I-00187 Rome (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **B63C**
- (11) **WO 2005/028298** (13) A2
- (21) PCT/US2004/016168
- (22) **21 May/mai 2004 (21.05.2004)**
- (25) en (26) en
- (30) 10/449,325 **30 May/mai 2003 US (30.05.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **LIFE RAFT CONTAINER SECURITY SYSTEM AND METHOD**
- **SYSTEME DE SECURITE D'UN CONTENEUR POUR RADEAU DE SAUVETAGE ET PROCEDE ASSOCIE**
- (71) **VANE BROTHERS MARINE SAFETY AND SERVICES, INC.** [US/US]; 2100 Frankfur Avenue, Baltimore, MD 21226 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HUGHES, C., Duff** [US/US]; 1003 Wagner Road, Baltimore, MD 21204 (US).  
**HORNIG, Frank** [US/US]; 1011 Lake Claire Drive, Annapolis, MD 21401 (US).  
**BROPHY, Kevin** [US/US]; 3427 Woodstock Avenue, Baltimore, MD 21213 (US).
- (74) **NORMAN, Alan, H.**; Thompson Coburn LLP, One US Bank Plaza, St. Louis, MO 63101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **B63C**
- (11) **WO 2005/028300** (13) A1
- (21) PCT/NZ2004/000232
- (22) **27 Sep/sep 2004 (27.09.2004)**
- (25) en (26) en
- (30) 528471 **25 Sep/sep 2003 NZ (25.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **A RETRACTABLE LEG ASSEMBLY FOR AMPHIBIOUS VEHICLE**
- **ENSEMBLE TIGE RETRACTABLE POUR VEHICULE AMPHIBIE**
- (71) **SEALEGS INTERNATIONAL LIMITED** [NZ/NZ]; Unit B, 7 Douglas Alexander Parade, Albany, Auckland, 1311 (NZ).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRYHAM, Maurice, John** [NZ/NZ]; 42 Ocean View Road, Miford, North Shore, Auckland, 1309 (NZ).



(74) **ROBERTSON, Thomas, George et al.** / etc.; Floor 1, 29 Waterloo Rd, Lower Hutt, 6009 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> B63H 5/02

(11) **WO 2005/028301** (13) A1

(21) PCT/KR2003/002108

(22) **13 Oct/oct 2003 (13.10.2003)**

(25) en (26) en

(30) 10-2003-0066642 **25 Sep/sep 2003 (25.09.2003)** KR

(43) 31 Mar/mar 2005 (31.03.2005)

(54) ● ACCELERATION SYSTEM FOR LINK BELT MOUNTED SHIP  
● SYSTEME D'ACCELERATION POUR NAVIRE MONTE SUR COURROIE ARTICULEE

(71, 72) **PARK, Nam Su** [KR/KR]; Cityvill 101-dong, 802-ho, 88-5 hadan-1dong, Saha-gu., Busan 604-021 (KR).

(74) **KIM, Heung Jin et al.** / etc.; RM305, Newscoul BLDG. 828-8, Yeoksam Dong, Gangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B63H 9/06

(11) **WO 2005/028302** (13) A1

(21) PCT/NL2004/000647

(22) **20 Sep/sep 2004 (20.09.2004)**

(25) nl (26) en

(30) 1024335 **19 Sep/sep 2003 (19.09.2003)** NL

(43) 31 Mar/mar 2005 (31.03.2005)

(54) ● SAILING VESSEL  
● BATEAU A VOILE

(71, 72) **DROST, Nanne, Jan, Johan** [NL/NL]; H.W. Mesdagstraat 31a, NL-9718 HC Groningen (NL).

(74) **WINCKELS, J., H., F.**; Verenigde, Johan de Wittlaan 7, NL-2517 JR Den Haag (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B64B

(11) **WO 2005/028303** (13) A2

(21) PCT/US2004/004882

(22) **19 Feb/fév 2004 (19.02.2004)**

(25) en (26) en

(30) 60/449,083 **21 Feb/fév 2003 (21.02.2003)** US

(43) 31 Mar/mar 2005 (31.03.2005)

(54) ● SELF STOWING THRUST REVERSER  
● INVERSEUR DE POUSSEE A AUTO-ARRIMAGE

(71) **THE NORDAM GROUP, INC.** [US/US]; 510 South Lansing, Tulsa, OK 74120 (US).

(72) **LAIR, Jean-Pierre**; 127 Paddington Way, San Antonio, TX 78209 (US).

(74) **CONTE, Francis, L.**; 6 Puritan Avenue, Swampscott, MA 01907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B64C

(11) **WO 2005/028304** (13) A2

(21) PCT/US2004/025850

(22) **10 Aug/août 2004 (10.08.2004)**

(25) en (26) en

(30) 10/641,817 **15 Aug/août 2003 (15.08.2003)** US

(43) 31 Mar/mar 2005 (31.03.2005)

(54) ● AIRPLANE LANDING GEAR  
● TRAIN D'ATTERRISSAGE POUR AVION

(71) **THE BOEING COMPANY** [US/US]; P.O. Box 3707, M/S 11-XT, Seattle, WA 98124-2207 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **CHEETHAM, Carl, T.**; 1416 E. 24th Street, Casper, WY 82601 (US).

(74) **GALBRAITH, Ann, K.**; The Boeing Company, P.O. Box 3707, M/S 11-XT, Seattle, WA 98124-2207 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B64D

(11) **WO 2005/028305** (13) A2

(21) PCT/US2004/030516

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 10/666,166 **19 Sep/sep 2003 (19.09.2003)** US

(43) 31 Mar/mar 2005 (31.03.2005)

(54) ● AERODYNAMIC TIP PROTUBERANCES FOR TIP VORTEX INTENSITY REDUCTION

● PROTUBERANCES D'EXTREMITES AERODYNAMIQUES POUR LA REDUCTION DE L'INTENSITE DU VORTEX D'EXTREMITÉ

(71) **SIKORSKY AIRCRAFT CORPORATION** [US/US]; Legal-IP Dept., Mailstop S316A, 6900 Main Street, Stratford, CT 06615-9129 (US).

(72) **EGOLF, Thomas, A.**; 252 Woodfield Crossing, Glastonbury, CT 06033 (US).

(74) **SUFFREDINI, Brian, R.**; Sikorsky Aircraft Corporation, Legal-IP Dept., Mail Stop S316A, 6900 Main Street, Stratford, CT 06615-9129 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B64D 11/06, B60P 7/08
- (11) WO 2005/028306 (13) A1
- (21) PCT/EP2004/008918
- (22) 10 Aug/août 2004 (10.08.2004)
- (25) de (26) de
- (30) 103 41 624.2 10 Sep/sep 2003 DE (10.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SEAT SECURING SYSTEM  
• SYSTEME DE FIXATION DE SIEGE
- (71) RECARO AIRCRAFT SEATING GMBH & CO. KG [DE/DE]; Daimlerstrasse 21, 74523 Schwäbisch Hall (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FREY, Andreas [DE/DE]; Happenweilerstrasse 58, 88090 Immenstaad (DE).
- (74) BARTELS UND PARTNER; Lange Strasse 51, 70174 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B64F 1/305
- (11) WO 2005/028307 (13) A1
- (21) PCT/SE2004/001351
- (22) 21 Sep/sep 2004 (21.09.2004)
- (25) en (26) en
- (30) 0302528-5 24 Sep/sep 2003 SE (24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A METHOD OF CONNECTING A PASSENGER BRIDGE TO AN AIRCRAFT, AND AN ARRANGEMENT TO THIS END.  
• PROCEDE DE RACCORDEMENT D'UNE PASSERELLE D'EMBARQUEMENT DE PASSAGERS A UN AVION ET AGENCEMENT POUR CE FAIRE
- (71) FMT INTERNATIONAL TRADE AB [SE/SE]; Dalaslingan 8, S-231 32 Trelleborg (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ANDERBERG, Nils-Erik [SE/SE]; Asbjör Gård, S-231 96 Trelleborg (SE).
- (74) ÖRTENBLAD, Bertil et al. / etc.; Noréns Patentbyrå AB, Box 10198, S-100 55 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B64F 5/00
- (11) WO 2005/028308 (13) A2
- (21) PCT/US2004/005974
- (22) 27 Feb/fév 2004 (27.02.2004)
- (25) en (26) en
- (30) 10/384,037 7 Mar/mar 2003 US (07.03.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A PATTERN METHOD AND SYSTEM FOR DETECTING FOREIGN OBJECT DEBRIS  
• PROCEDE ET SYSTEME PERMETTANT DE DETECTER DES DEBRIS D'OBJET ETRANGER BASES SUR UNE CONFIGURATION
- (71) THE BOEING COMPANY [US/US]; P.O. Box 3707, M/S 11-XT, Seattle, WA 98124-2207 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) WAGONER, Daniel, E.; 6 Carson Court, Florissant, MO 63033 (US). TAYLOR, Michael, L.; 103 Alpha Drive, Collinsville, IL 62234 (US). CLAYTON, John, C.; 19915 Street Route B, Ste., Genevive, MO 63670 (US). FITTS, John, D.; 16 Lia Christine Court, St. Charles, MO 63301 (US). BENFER, Greg, L.; 1505 Lynndale, St. Charles, MO 63303 (US). JOHNSON, Lynn, E.; 11 Huntington Hills, Warrenton, MO 63383 (US).
- (74) GALBRAITH, Ann, K.; The Boeing Company, P.O. Box 3707, M/S 11-XT, Seattle, WA 98124-2207 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B64G
- (11) WO 2005/028309 (13) A2
- (21) PCT/RU2004/000356
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) ru (26) ru
- (30) 2003128353 19 Sep/sep 2003 RU (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SOLAR WIND-DRIVEN CRAFT  
• VAISSEAU A VOILE SOLAIRE
- (71, 72) ALIEV, Abdulla Sirazhutdinovich [RU/RU]; 1-y Sadovy per., 8-b, Makhachkala, 367020, RD (RU).
- (72, 75) KAZIAHMEDOV, Felix Gadgiahmedovich [RU/RU]; ul. Makhachkalinskaya, 11-17, Derbent (RU).
- (74) ALIEV, Abdulla Sirazhutdinovich; 1-y Sadovy per., 8-b, Makhachkala, 367020, RD (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B64G
- (11) WO 2005/028310 (13) A2
- (21) PCT/US2004/008054
- (22) 17 Mar/mar 2004 (17.03.2004)
- (25) en (26) en
- (30) 03290712.3 20 Mar/mar 2003 EP (20.03.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SPACECRAFT THRUSTER  
• PROPULSEUR D'ENGIN SPATIAL
- (71) ELWING LLC [US/US]; 1220 North Market Street, Suite 606, Wilmington, DE 19801 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) EMSELLEM, Gregory [FR/FR]; 55 rue Jean-Roger Thorelle, 92430 Bourg La Reine (FR).
- (74) FALCOFF, Monte, L. et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration : (u) for / pour US only / seulement

(51)7 B65B (11) WO 2005/028311 (13) A2 (21) PCT/US2004/029559 (22) 10 Sep/sep 2004 (10.09.2004) (25) en (26) en (30) 10/660,695 12 Sep/sep 2003 US (12.09.2003) (43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPARATUS AND METHOD FOR AUTOMATICALLY UNLOADING BRICK FROM KILN CARS AND PREPARATION FOR SHIPMENT • APPAREIL ET PROCÉDE PERMETTANT DE DECHARGER AUTOMATIQUEMENT DES BRIQUES DE WAGONNETS DE FOUR TUNNEL ET DE LES PREPARER POUR L'EXPEDITION (71, 72) KEYES, Robert, W. [US/US]; 17 Amber Drive, Corbin, KY 40701 (US).

(74) FISHER, Stanley, P.; Reed Smith LLP, 3110 Fairview Park Drive, Suite 1400, Falls Church, VA 22042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)7 B65B 7/16, 41/14 (11) WO 2005/028312 (13) A1 (21) PCT/GB2004/004036 (22) 22 Sep/sep 2004 (22.09.2004) (25) en (26) en (30) 0322165.2 22 Sep/sep 2003 GB (22.09.2003) (43) 31 Mar/mar 2005 (31.03.2005)

(54) • HEAT SEALING MACHINE • THERMOSCELLEUSE

(71) PORVAIR SCIENCES LIMITED [GB/GB]; Estuary Road, Roverside Industrial Estate, King's Lynn, Norfolk PE30 2HS (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IRELAND, Richard, Michael [GB/GB]; 4 Beaumont Close, Liverton, Newton Abbot TQ12 6UR (GB).

(74) COPSEY, Timothy, Graham et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)7 B65B 41/18, 61/18, B67C 3/00 (11) WO 2005/028313 (13) A1 (21) PCT/SE2004/001203 (22) 17 Aug/août 2004 (17.08.2004) (25) en (26) en (30) 0302493-2 19 Sep/sep 2003 SE (19.09.2003) (43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF CONTROLLABLY CONVEYING AN OBJECT AND AN APPARATUS FOR CONVEYING A WEB • PROCÉDE DESTINE A ACHEMINER UN OBJET DE MANIERE REGULEE ET APPAREIL DESTINE ACHEMINER UNE BANDE

(71) TETRA LAVAL HOLDINGS & FINANCE S.A. [CH/CH]; Av. Général-Guisan 70, CH-1009 PULLY (CH). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARNFELDT, Lars-Olof [SE/SE]; Alvågen 17, S-244 41 KÄVLINGE (SE). TRANSTRÖM, Henrik [SE/SE]; Skattevägen 2, S-244 65 FURULUND (SE). LINDBERG, Peter [SE/SE]; Nybogatn 10, S-212 32 MALMÖ (SE). RODMAN, Björn [SE/SE]; Sköldvägen 55, S-246 34 LÖDDEKÖPINGE (SE).

(74) KARLSSON, Per, Tomas; AB Tetra Pak, Patent Department, Ruben Rausing's gata, S-221 86 Lund (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)7 B65B 61/06, 9/20, B26D 1/08 (11) WO 2005/028314 (13) A1 (21) PCT/JP2004/010717 (22) 28 Jul/juil 2004 (28.07.2004) (25) ja (26) ja (30) 2003-331641 24 Sep/sep 2003 JP (24.09.2003) (43) 31 Mar/mar 2005 (31.03.2005)

(54) • PACKAGING-FILLING DEVICE AND PACKAGING MATERIAL CUTTING DEVICE • DISPOSITIF D'EMBALLAGE/REPLISSAGE ET DISPOSITIF DE COUPE DE MATERIAU D'EMBALLAGE

(71) TETRA LAVAL HOLDINGS & FINANCE S.A. [CH/CH]; 70, Avenue Général-Guisan, CH-1009 Pully (CH). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KONNO, Hidetoshi [JP/JP]; c/o NIHON TETRA PAK K.K., 6-12, Kioicho, Chiyoda-ku Tokyo, 1028544 (JP).

(74) SHIMIZU, Shozo; c/o Intellectual Property Department, R & D, Nihon Tetra Pak K.K., 755-1, JinbaUenohara, Gotensha-shi Shizuoka, 4120047 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)7 B65B 69/00 (11) WO 2005/028315 (13) A1 (21) PCT/GB2004/003924 (22) 14 Sep/sep 2004 (14.09.2004) (25) en (26) en (30) 0321970.6 19 Sep/sep 2003 GB (19.09.2003) (43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEBLISTERING APPARATUS • APPAREIL DE DEBLISTERAGE

(71) SEPHA LIMITED [GB/GB]; Jubilee Road, Newtownards, Co Down BT23 4XQ (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARKER, Andrew, Ernest [GB/GB]; 227 Ballywalter Road, Ballywhiskin, Co Down BT22 2LY (GB). HEWITT, Aaron [GB/GB]; Sepha Limited, Jubilee Road, Newtownards, Co Down BT23 4XQ (GB). DAVIDSON, Andrew [GB/GB]; Sepha Limited, Jubilee Road, Newtownards, Co Down BT23 4XQ (GB).

(74) **MURGITROYD & COMPANY**; 165-169 Scotland Street, Glasgow G5 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B65D

(11) WO 2005/028316 (13) A2

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(25) en (26) en

(30) 0321779.1 17 Sep/sep 2003 GB (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PILL DISPENSERS

• DISTRIBUTEURS DE COMPRIMÉS

(71) **COPE ALLMAN PLASTIC PACKAGING LIMITED** [GB/GB]; Walton Road, Farlington, Portsmouth PO6 1TS (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOWE, Nicholas, James** [GB/GB]; 19 Chestnut Avenue, Southsea, Portsmouth PO4 8AB (GB). **MOULTON, Alan, John** [GB/GB]; The Manse, Brook Avenue, Bosham, West Sussex PO18 8LQ (GB). **WEST, Robert, Thomas** [GB/GB]; 17 Ithica Close, Hayling Island PO11 9DU (GB). **ASHMAN, Michael, Lawrence** [GB/GB]; 59 Shadwell Road, North End, Portsmouth PO2 9EH (GB). **LOADER, John, Anthony** [GB/GB]; 22 Roundway, Waterlooville, Hampshire PO7 7QA (GB). **BREACH, John, Anthony** [GB/GB]; 15 Berewecke Road, Felpham, West Sussex PO22 7EG (GB).

(74) **BARKER BRETTELL**; Medina Chambers, Town Quay, Southampton SO14 2AQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D

(11) WO 2005/028317 (13) A2

(21) PCT/US2004/030166

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/662,582 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MAGNETIC BEVERAGE HOLDER

• SUPPORT MAGNETIQUE POUR BOISSONS

(71, 72) **GARY, Lonnie, F.** [US/US]; 68 East Lakeshore Drive, Ransom Canyon, TX 79366 (US).

(74) **ROSS, Monty, L.**; Locke Liddell & Sapp LLP, 2200 Ross Avenue, Suite 2200, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D

(11) WO 2005/028318 (13) A2

(21) PCT/US2004/030760

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 10/665,984 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FINANCIAL PRESENTATION INSTRUMENTS WITH INTEGRATED HOLDER AND METHODS FOR USE

• INSTRUMENTS DE PRESENTATION FINANCIERS INTEGRANT UN SUPPORT ET PROCEDE D'UTILISATION

(71) **FIRST DATA CORPORATION** [US/US]; 12500 East Belford Avenue, Englewood, CO 80112-5939 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCGEE, Christopher, R.** [US/US]; 12783 Domingo Court, Parker, CO 80134 (US). **NEWBROUGH, Keith, A.** [US/US]; 21480 Grays Peak Drive, Parker, CO 80138 (US). **ALGIENE, Kenneth** [US/US]; 9347 W. Vandeventor Drive, Littleton, CO 80128 (US).

(74) **GIBBY, Darin, J.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D 5/40, 5/44

(11) WO 2005/028319 (13) A1

(21) PCT/FI2004/000535

(22) 15 Sep/sep 2004 (15.09.2004)

(25) fi (26) en

(30) 20031380 25 Sep/sep 2003 FI (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FLUID CONTAINER MADE OF CARDBOARD AND A METHOD FOR PRODUCING A FLUID CONTAINER

• CONTENEUR DE FLUIDE OBTENU A PARTIR D'UN CARTON ET PROCEDE DE PRODUCTION DE CELUI-CI

(71) **STORA ENSO OYJ** [FI/FI]; Kanavaranta 1, FI-00160 Helsinki (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RÄSÄNEN, Jari** [FI/FI]; Västäräkinkuja 15, FI-55420 Imatra (FI). **PÖYHÖNEN, Niilo** [FI/FI]; Anonkatu 9 B 5, FI-53100 Lappeenranta (FI).

(74) **BERGGREN OY AB**; P.O. Box 16 (Jaakonkatu 3 A), FI-00101 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B65D 5/42, 5/40

(11) WO 2005/028320 (13) A1

(21) PCT/JP2004/013867

(22) 15 Sep/sep 2004 (15.09.2004)

(25) ja (26) ja

(30) 2003-324148 17 Sep/sep 2003 JP (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SEALING TAPE IN PAPER CONTAINER, AND LONGITUDINAL SEALING TAPE IN PAPER CONTAINER AND PAPER CONTAINER WITH LONGITUDINAL SEALING TAPE

• BANDE D'ETANCHEITE ET BANDE D'ETANCHEITE LONGITUDINALE

DANS UN RECIPIENT EN PAPIER  
ET RECIPIENT EN PAPIER EQUIPE  
DE LADITE BANDE D'ETANCHEITE  
LONGITUDINALE

(71) NIPPON PAPER-PAK CO., LTD. [JP/JP];  
11, Ichigaya-Funagawara-Cho, Shinjuku-ku,  
Tokyo1620826 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SASE, Kazuhiko [JP/JP]; c/o NIPPON  
PAPER-PAK CO., LTD., Products Develop-  
ment Dept., 21-2, Oji 5-chome, Kita-ku,  
Tokyo 1140002 (JP). OKUDE, Hideki  
[JP/JP]; c/o NIPPON PAPER-PAK CO.,  
LTD., 11, Ichigaya-Funagawara-Cho, Shin-  
juku-ku, Tokyo 1620826 (JP). ICHIMARU,  
Koji [JP/JP]; c/o NIPPON PAPER-PAK  
CO., LTD., 11, Ichigaya-Funagawara-Cho,  
Shinjuku-ku, Tokyo 1620826 (JP). TAKA-  
HASHI, Hisao [JP/JP]; c/o NIPPON PA-  
PER-PAK CO., LTD., Products Develop-  
ment, 21-2, Oji 5-chome, Kita-ku, Tokyo  
1140002 (JP).

(74) OTSUKA, Akihiro et al. / etc.; 8th Floor,  
Sumito Building, 1-5, Iwamoto-cho 3-chome,  
Chiyoda-ku, Tokyo 1010032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B65D 21/02, 21/04

(11) WO 2005/028321 (13) A1

(21) PCT/JP2004/013695

(22) 13 Sep/sep 2004 (13.09.2004)

(25) ja (26) ja

(30) 2003-325963 18 Sep/sep 2003 JP  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ARTICLE STORAGE CASE  
• BOITE DE STOCKAGE D'ARTICLE

(71, 72) HURUTA, Yoshihisa [JP/JP]; 30-8,  
Nakajima 1-chome, Hamamatsu-shi,  
Shizuoka 430-0856 (JP).

(74) IWANE, Masatoshi; 6F, Tamura Bldg.,  
1-1, Kandaawajicho, Chiyoda-ku, Tokyo  
101-0063 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B65D 25/08

(11) WO 2005/028322 (13) A1

(21) PCT/US2003/026520

(22) 25 Aug/août 2003 (25.08.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DISPENSING CAPSULE FOR A LIQ-  
UID CONTAINER

• CAPSULE DE DISTRIBUTION POUR  
UN RÉCIPIENT DE LIQUIDE

(71, 72) ANDERSON, Michael, R. [US/US];  
1355 West Palmetto Park Road No. 129,  
Boca Raton, FL 33486 (US).

(74) HALEY, Barry, L.; Malin, Haley & DiMag-  
gio, P.A., 1936 S. Andrews Avenue, Fort  
Lauderdale, FL 33316 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG UZ VC VN YU ZA  
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> B65D 27/06

(11) WO 2005/028323 (13) A1

(21) PCT/FR2003/002618

(22) 20 Aug/août 2003 (20.08.2003)

(25) fr (26) fr

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • REVERSIBLE ENVELOPE  
• ENVELOPPE REVERSIBLE

(71, 72) MATHIEU, Michel [FR/FR]; 66, boule-  
vard JF Kennedy, F-51000 Chalons en Cham-  
pagne (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> B65D 33/16

(11) WO 2005/028324 (13) A1

(21) PCT/BE2004/000127

(22) 6 Sep/sep 2004 (06.09.2004)

(25) en (26) en

(30) 03447230.8 19 Sep/sep 2003 EP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RECLOSABLE PACK AND PRODUC-  
TION METHOD THEREOF  
• EMBALLAGE REFERMABLE ET SON  
PROCEDE DE PRODUCTION

(71) AMCOR FLEXIBLES EUROPE A/S  
[DK/DK]; 10 Hattingvej, DK-8700 HORS-  
ENS (DK).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) DAELMANS, Eddy [BE/BE]; Sint  
Jansweg 7, B-3650 DILSEN-STOKKEM  
(BE). GEUDENS, Jan [BE/BE]; Hofstraat  
6, B-3540 HERK-DE-STAD (BE).

(74) VAN MALDEREN, Michel et al. / etc.;  
OFFICE VAN MALDEREN, Bld de la  
Sauvenière 85/043, B-4000 LIEGE (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> B65D 33/24, 30/22, 81/34, 85/808, A47G  
19/16

(11) WO 2005/028325 (13) A1

(21) PCT/SE2004/001379

(22) 23 Sep/sep 2004 (23.09.2004)

(25) sv (26) en

(30) 0302545-9 24 Sep/sep 2003 SE  
(24.09.2003)

(30) 0400676-3 17 Mar/mar 2004 SE  
(17.03.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PACKING FOR OPENABLE ENCLOS-  
ING OF MATERIAL

• CONDITIONNEMENT DESTINE A  
CONTENIR DE FAÇON OUVRABLE  
UNE MATIERE

(71, 72) SVENSSON, Monica [SE/SE]; Kyrko-  
gatan 26, S-57439 Vetlanda (SE).

(74) LUNDQUIST, Arne; Oxön 1:9, S-139 50  
Värmdö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B65D 35/32

(11) WO 2005/028326 (13) A1

(21) PCT/US2004/029981

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/662,878 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • CONTOUR FOR TUBE SEALS TO FACILITATE MOUNTING OF A PRODUCT EVACUATION DEVICE  
• CONTOUR POUR SOUDURE DE TUBE DESTINE A FACILITER LE MONTAGE D'UN DISPOSITIF D'EVACUATION DE PRODUIT

(71) GRAHAM PACKAGING COMPANY, L.P. [US/US]; 2401 Pleasant Valley Road, York, Pennsylvania 17402 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CARGILE, Dave [US/US]; 529 Randolph Drive, Lititz, Pennsylvania 17543 (US). KESSELMAN, David [US/US]; 2840 Cambridge Road, York, Pennsylvania 17402 (US). KROHN, Roy [US/US]; 142 Walnut Valley Court, Wrightsville, Pennsylvania 17368 (US).

(74) SMITH, Stuart, I.; P.O. Box 34385, Washington, DC 20043-9998 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> B65D 41/04, 1/04

(11) WO 2005/028327 (13) A1

(21) PCT/EP2004/051993

(22) 1 Sep/sep 2004 (01.09.2004)

(25) de (26) de

(30) 10344242.1 23 Sep/sep 2003 DE (23.09.2003)

(30) 10361613.6 30 Dec/déc 2003 DE (30.12.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • CLOSURE CAP AND COMBINATION OF A CLOSURE CAP AND RECEPTACLE  
• CAPUCHON DE FERMETURE ET COMBINAISON FORMEE PAR UN CAPUCHON DE FERMETURE ET PAR UN RECIPIENT DE RECEPTION

(71) ALPLA-WERKE ALWIN LEHNER GMBH & CO. KG [AT/AT]; Allmendstrasse 81, A-6971 Hard (AT).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUFFA, Udo [DE/DE]; Oberlinder Strasse 59, 96524 Gefell (DE).

(74) MÜLLER, Enno et al. / etc.; Rieder & Partner, Corneliusstrasse 45, 42329 Wuppertal (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B65D 51/16, 41/04

(11) WO 2005/028328 (13) A1

(21) PCT/JP2004/011120

(22) 28 Jul/juil 2004 (28.07.2004)

(25) ja (26) ja

(30) 2003-328992 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • SYNTHETIC RESIN CAP, CLOSING DEVICE, AND CONTAINER-PACKED BEVERAGE  
• CAPSULE DE RESINE SYNTHETIQUE, DISPOSITIF DE FERMETURE ET BOISSON CONDITIONNEE DANS UN CONTENANT

(71) ALCOA CLOSURE SYSTEMS JAPAN, LIMITED [JP/JP]; 148, Oaza Nogi, Nogi-machi, Shimotsuga-gun, Tochigi 329-0114 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKAMATSU, Koichi [JP/JP]; c/o Alcoa Closure Systems, Japan, Limited, 148, Oaza Nogi, Nogi-machi, Shimotsuga-gun, Tochigi 329-0114 (JP). NISHIJIMA, Masahito [JP/JP]; c/o Alcoa Closure Systems, Japan, Limited, 148, Oaza Nogi, Nogi-machi, Shimotsuga-gun, Tochigi 329-0114 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D 51/22, B29C 45/16, B65D 41/34

(11) WO 2005/028329 (13) A2

(21) PCT/IB2004/003102

(22) 22 Sep/sep 2004 (22.09.2004)

(25) de (26) de

(30) 103 44 179.4 24 Sep/sep 2003 DE (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • PROCESS FOR PRODUCING A CONTAINER WITH A RECLOSABLE OUTLET  
• PROCEDE DE FABRICATTION D'UN RECIPIENT AVEC UNE EMBOUCHURE REFERMABLE

(71) PLAST COMPETENCE CENTER AG [CH/CH]; Aarburgstrasse 21, CH-4800 Zofingen (CH).

(74) QUEHL, Horst; Ringstrasse 7, Postfach 223, CH-8274 Taegerwilen (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B65D 55/16

(11) WO 2005/028330 (13) A1

(21) PCT/CA2004/001728

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 2,442,519 **23 Sep/sep 2003** CA  
(23.09.2003)

(30) 2450477 **18 Nov/nov 2003** CA  
(18.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONTAINER WITH CAP RETAINER  
• CONTENEUR A COUVERCLE DE RETENUE

(71, 72) LEPOSAVIC, Vaso [CA/CA]; 407 Seventh Avenue, New Westminster, British Columbia V3L 1W6 (CA). LEPOSAVIC, Natalia [CA/CA]; 407 Seventh Avenue, New Westminster, British Columbia V3L 1W6 (CA).

(74) RATTRAY, Todd, A. et al. / etc.; 480 - The Station, 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

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(51)<sup>7</sup> B65D 75/00

(11) WO 2005/028331 (13) A1

(21) PCT/US2004/030286

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/662,265 **15 Sep/sep 2003** US  
(15.09.2003)

(30) 10/737,612 **16 Dec/déc 2003** US  
(16.12.2003)

(30) 10/939,264 **10 Sep/sep 2004** US  
(10.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CARRIER AND METHOD  
• ELEMENT DE TRANSPORT ET PROCEDE ASSOCIE

(71, 72) CUOMO, Angelo, V. [US/US]; 47 Savo Lane, Staten Island, NY 10305 (US).

(74) NEFF, Gregor, N.; Kramer Levin Naftalis & Frankel LLP, 919 Third Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B65D 77/04, 81/38, 21/04, A47G 19/22

(11) WO 2005/028332 (13) A1

(21) PCT/SG2004/000134

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 10/665,666 **19 Sep/sep 2003** US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FOOD CONTAINERS  
• CONTENEURS ALIMENTAIRES

(71, 72) LOH, Bill [SG/US]; 441 Cola Ballena A-4, Alameda, CA 94501 (US).

(74) ALBAN TAY MAHTANI & DE SILVA; 39 Robinson Road, #07-01 Robinson Point, Singapore 068911 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B65D 77/04, 81/38, 21/02, A47G 19/22

(11) WO 2005/028333 (13) A1

(21) PCT/SG2004/000188

(22) 23 Jun/juin 2004 (23.06.2004)

(25) en (26) en

(30) 10/665,666 **19 Sep/sep 2003** US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FOOD CONTAINERS  
• CONTENANTS POUR ALIMENTS

(71, 72) LOH, Bill [SG/US]; 441 Cola Ballena A-4, Alameda, CA 94501 (US).

(74) ALBAN TAY MAHTANI & DE SILVA; 39 Robinson Road, #07-01 Robinson Point, Singapore 068911 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B65D 77/06

(11) WO 2005/028334 (13) A1

(21) PCT/US2004/030055

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 03 10801 **15 Sep/sep 2003** FR  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PACKAGE FOR A FRAGRANCE CONTAINING TABLET  
• EMBALLAGE DE COMPRIME CONTENANT UN AROME

(71) COLGATE-PALMOLIVE COMPANY [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JACQUET, Fabienne [FR/FR]; 21 Rue Du Bourg-Tibourg, F-75004 Paris (FR). FONTANA, Caroline [FR/FR]; Immeuble Defense 2000, Apt. 124 23 Rue Louis Pouey, F-92800 Puteaux (FR). LALANNE, Jacques [FR/FR]; 26 Rue Maurice Barres, F-60200 Compiègne (FR).

(74) WILKINS, JR., Clifford, E.; Colgate-Palmolive Company, P.O. Box 1343, 909 River Road, Piscataway, NJ 08855 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D 81/00

(11) WO 2005/028335 (13) A2

(21) PCT/EP2004/008775

(22) 5 Aug/août 2004 (05.08.2004)

(25) de (26) de

(30) 1477/03 **29 Aug/août 2003** CH  
(29.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-COMPARTMENT CONTAINER, IN PARTICULAR DUAL-COMPARTMENT BOTTLE AND PRODUCTION METHOD THEREFOR  
• RECIPIENT A PLUSIEURS CHAMBRES, EN PARTICULIER BOUTEILLE A DEUX CHAMBRES,

- ET PROCEDE DE FABRICATION DE LADITE BOUTEILLE
- (71) ALPHA-WERKE ALWIN LEHNER GMBH & CO. KG [AT/AT]; Allmendstrasse, A-6971 Hard (AT).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KÜNZ, Johann [AT/AT]; Rauhholzstrasse 10A, A-6971 Hard (AT).
- (74) SCHREIBER, Wolfgang, F. et al. / etc.; Riederer Hasler & Partner Patentanwälte AG, Elestastrasse 8, CH-7310 Bad Ragaz (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65D 81/34, 30/10, 81/00
- (11) WO 2005/028336 (13) A1
- (21) PCT/IN2003/000320
- (22) 23 Sep/sep 2003 (23.09.2003)
- (25) en (26) en
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • TEA BAG  
• SACHET DE THE
- (71, 72) KUMAR, Raman, Rangasawmi [IN/IN]; 5/21 M.G.R Street, Kaveri Ranganagar, Saligramam, Tamilnadu, Chennai-600093 (IN).
- (74) KUMAR, Raman, Rangasawmi; No. 35, Sideco Industrial Estate, Thirumudivakkam, Chennai-600044, Tamilnadu (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65D 83/04
- (11) WO 2005/028337 (13) A1
- (21) PCT/US2004/030222
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 10/663,931 16 Sep/sep 2003 US (16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • WALLET PILL CARD  
• PLAQUETTE ALVEOLEE A PILULES POUR PORTEFEUILLE
- (71, 72) HIGGINS, John, J. [US/US]; Clocktower Place, Nashua, NH 03060 (US).
- (74) ARCHIBALD, Patrick, D.; Lambert & Associates, 92 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- (51)<sup>7</sup> B65D 83/32, A47G 21/18, A61M 16/04, 25/00
- (11) WO 2005/028338 (13) A1
- (21) PCT/CN2004/001058
- (22) 21 Sep/sep 2004 (21.09.2004)
- (25) zh (26) zh
- (30) 03279854.7 22 Sep/sep 2003 CN (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • FLAT SUCKING TUBE  
• TUBE D'ASPIRATION PLAT
- (71) XU, Yanling [CN/CN]; No.31, Shabanzhuang, Chaoyang District, Beijing 100021 (CN). DAI, Dongxu [CN/CN]; Room 1601, Building No.1, Lan Qi Ying, Haidian District, Beijing 10008 (CN).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) NIU, Changyi [CN/CN]; Room 3-401, Building No.107, Jixiang li, Chaowai Street, Chaoyang District, Beijing 100020 (CN).
- (74) BEIJING BEIXIN-ZHICHENG INTELLECTUAL PROPERTY AGENT CO., LTD; No.16, Xizhimen Nandajie, Xicheng District, Beijing 100035 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (b)
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- (51)<sup>7</sup> B65D 85/38
- (11) WO 2005/028339 (13) A1
- (21) PCT/JP2004/013430
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) ja (26) ja
- (30) 2003-323585 16 Sep/sep 2003 JP (16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SUBSTRATE CONTAINING CASE  
• BOITIER CONTENANT UN SUBSTRAT
- (71) DAI NIPPON PRINTING CO., LTD. [JP/JP]; 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo, 1628001 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKAMAE, Satoshi [JP/JP]; c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo, 1628001 (JP).
- (74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B65D 90/12, 90/24, E02D 27/38, F17C 13/08
- (11) WO 2005/028340 (13) A1
- (21) PCT/IB2004/003014
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 60/503,961 19 Sep/sep 2003 US (19.09.2003)
- (30) 10/768,945 30 Jan/jan 2004 US (30.01.2004)
- (30) 10/941,705 15 Sep/sep 2004 US (15.09.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PREFORMED PORTABLE SLAB FOR USE AS A FOUNDATION OR SPLASH PAD FOR INDUSTRIAL EQUIPMENT



• DALLE PORTATIVE PREFORMEE UTILE COMME DALLE DE FONDATION OU COMME PLAQUE ANTI-ECLABOUSSURES POUR EQUIPEMENTS INDUSTRIELS

(71) L'AIR LIQUIDE - SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72) CHAPPELL, Ralph, Louis; 3800 St. Mary Street, Martinez, CA 94553 (US). TOWLES, Christopher, Vincent; 370 Van Buren Avenue, Apt. 102, Oakland, CA 94610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> B65G 17/08

(11) WO 2005/028341 (13) A1

(21) PCT/NL2004/000659

(22) 23 Sep/sep 2004 (23.09.2004)

(25) nl (26) en

(30) 1024361 23 Sep/sep 2003 NL (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MODULAR CONVEYOR MAT

• BANDE TRANSPORTEUSE MODULAIRE ET MODULE DESTINE A CETTE BANDE TRANSPORTEUSE

(71) REXNORD FLATTOP EUROPE B.V. [NL/NL]; Einsteinstraat 1, NL-2691 GV 's-Gravenzande (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MENKE, CORNELIS, HENDRIK, MYNDERT [NL/NL]; Molstraat 27, NL-2611 EM Delft (NL). VERDUIJN, GIJSBERTUS, JOHANNES [NL/NL]; Zeggelaan 77, NL-4844 SC Terheijden (NL).

(74) WINCKELS, J., H., F.; Vereenigde, Johan de Wittlaan 7, NL-2517 JR Den Haag (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65G 17/20, 47/64

(11) WO 2005/028342 (13) A1

(21) PCT/SE2004/001349

(22) 20 Sep/sep 2004 (20.09.2004)

(25) sv (26) en

(30) 0302541-8 22 Sep/sep 2003 SE (22.09.2003)

(30) 60/481,404 22 Sep/sep 2003 SE (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PRODUCT CARRIER AND TRANSPORT DEVICE

• TRANSPORTEUR DE PRODUITS

(71) ETON SYSTEMS AB [SE/SE]; Djupadal, S-507 71 Gånghester (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DAVIDSON, Mats, Ingvar [SE/SE]; Djupadal, Nygårdén, S-507 71 Gånghester (SE).

(74) ALBIHNS GÖTEBORG AB; Box 142, S-401 22 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B65G 23/12, 23/38, 47/76

(11) WO 2005/028343 (13) A1

(21) PCT/EP2004/010472

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 03021263.3 19 Sep/sep 2003 EP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONVEYOR DEVICE AND METHOD FOR TRANSPORTING AND/OR SORTING, ESPECIALLY FOOD

• TRANSPORTEUR ET PROCEDE DE TRANSPORT ET/OU DE TRI, EN PARTICULIER D'ALIMENTS

(71) CFS PALAZZOLO S.P.A. [IT/IT]; Via Piantada, 8, I-25036 Palazzolo (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SALVONI, Paolo [IT/IT]; Via Campagnole, 47, I-Corte Franca (IT).

(74) KUTZENBERGER, Helga et al. / etc.; Kutzenberger & Wolff, Theodor-Heuss-Ring 23, 50668 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B65G 27/24

(11) WO 2005/028344 (13) A1

(21) PCT/US2004/031072

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/503,657 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VIBRATORY CONVEYOR APPARATUS

• CONVOYEUR VIBRANT

(71) FMC TECHNOLOGIES, INC. [US/US]; 200 E. Randolph Drive, Chicago, IL 60601 (US).

(72) KOSTEL, Garry; 1012 Valleyview Drive, Latrobe, PA 15650 (US).

(74) QUERY, Henry, C., Jr. et al. / etc.; 504 S. Pierce Avenue, Wheaton, IL 60187 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les  
désignations

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> **B65G 47/08, 47/51, 17/32**

(11) **WO 2005/028345** (13) A1

(21) PCT/EP2004/009566

(22) **27 Aug/août 2004 (27.08.2004)**

(25) de (26) de

(30) 103 41 992.6 **8 Sep/sep 2003** DE  
(08.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **STACKING DEVICE**

• **DISPOSITIF D'EMPILAGE**

(71) **OPTIMA FILLING AND PACKAGING  
MACHINES GMBH [DE/DE];** Stein-  
beisweg 20, 74523 Schwäbisch Hall (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) **SCHMETZNER, Dietmar [DE/DE];**  
Rosenstrasse 57, 74544 Gschlachtenbret-  
zingen (DE). **ORTH, Heribert [DE/DE];**  
Hofäcker 3, 74532 Ilshofen (DE). **GRIESS-  
MAYR, Klaus [DE/DE];** Kriegshalden-  
strasse 1, 74538 Rosengarten (DE).

(74) **RUFF, WILHELM, BEIER, DAUSTER  
& PARTNER; Kronenstrasse 30, 70174  
Stuttgart (DE).**

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> **B65G 47/14, 47/30**

(11) **WO 2005/028346** (13) A1

(21) PCT/EP2004/008173

(22) **22 Jul/juil 2004 (22.07.2004)**

(25) de (26) de

(30) 103 40 752.9 **29 Aug/août 2003** DE  
(29.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **DEVICE FOR CONVEYING AND SEP-  
ARATING WOODEN PRODUCTS**

• **DISPOSITIF POUR LE TRANSPORT  
ET LA SEPARATION DE PRODUITS  
EN BOIS**

(71) **ESTERER WD GMBH & CO. [DE/DE];**  
Taleswiesenstrasse 7, 72770 Reutlingen  
(DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) **KAINZMAIER, Oskar [DE/DE];** Bräu  
im Moos Str. 10, 84557 Tüssling (DE).  
**BRANDL, Johann [DE/DE];** Hub 2, 84329  
Wurmansquick (DE).

(74) **WITTE, A. et al. / etc.;** Witte, Weller & Part-  
ner, Postfach 105462, 70047 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> **B65G 51/02, B65B 55/20**

(11) **WO 2005/028347** (13) A1

(21) PCT/US2004/029314

(22) **9 Sep/sep 2004 (09.09.2004)**

(25) en (26) en

(30) 10/661,235 **12 Sep/sep 2003** US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **SYSTEM FOR CONVEYING PACKAG-  
ING CUSHIONS**

• **SYSTEME DESTINE A TRANSPOR-  
TER DES COUSSINS D'EMBALLAGE**

(71) **SEALED AIR CORPORATION (US)**  
[US/US]; Park 80 East, Saddle Brook, NJ  
07663 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) **WHITE, Robert, A., Jr. [US/US];** 119  
Osage Circle, Watertown, CT 06795 (US).  
**VAN HUIS, Paul [US/US];** 123 Abair Road,  
Whitehall, NY 12887 (US). **SLEDZIESKI,  
Ronald [US/US];** 33 Quaker Ridge Road,  
Bethel, CT 06801 (US).

(74) **LIPSCOMB, Ernest, B., III et al. / etc.;**  
Alston & Bird LLP, Bank of America Plaza,  
Suite 4000, 101 South Tryon Street, Charlotte,  
NC 28280-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> **B65H 1/00**

(11) **WO 2005/028348** (13) A2

(21) PCT/US2004/029914

(22) **14 Sep/sep 2004 (14.09.2004)**

(25) en

(26) en

(30) 60/502,924 **15 Sep/sep 2003** US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **SYSTEM AND METHOD FOR PRO-  
CESSING BATCHES OF DOCUMENTS**

• **SYSTEME ET PROCEDE DE TRAITE-  
MENT DE LIASSES DE DOCUMENTS**

(71) **CUMMINS-ALLISON CORP. [US/US];**  
891 Feehanville Drive, Mount Prospect, IL  
60056 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) **KLEIN, Robert, J. [US/US];** 2901 N.  
Walcott #G, Chicago, IL 60657 (US). **HAL-  
LOWELL, Curtis, W. [US/US];** 1417 E.  
Reynolds Drive, Palatine, IL 60067 (US).  
**JENRICK, Charles, P. [US/US];** 3338 N.  
Paulina #2S, Chicago, IL 60657 (US).

(74) **SWINDELLS, Justin, D. et al. / etc.;**  
Jenkins & Gilchrist, 225 W. Washington  
Street, Suite 2600, Chicago, IL 60606-3418  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> **B65H 5/02**

(11) **WO 2005/028349** (13) A1

(21) PCT/JP2004/013865

(22) **15 Sep/sep 2004 (15.09.2004)**

(25) en (26) en

(30) 2003-324927 **17 Sep/sep 2003** JP  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **BELT CONVEYANCE APPARATUS  
AND IMAGE FORMING APPARATUS  
USING SUCH A BELT CONVEYANCE  
APPARATUS**

• **APPAREIL DE BANDE TRANSPOR-  
TEUSE ET APPAREIL FORMANT DES  
IMAGES A L'AIDE DUDIT APPAREIL  
DE BANDE TRANSPORTEUSE**

(71) **RICOH COMPANY, LTD. [JP/JP];** 3-6,  
Nakamagome 1-chome, Ohta-ku, Tokyo  
1438555 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) **MAKI, Tsuneo [JP/JP];** 12-15, Higashi-  
ikuta 4-chome, Tama-ku, Kawasaki-shi,  
Kanagawa 2140031 (JP). **MISUMI,  
Tomiyoshi [JP/JP];** 7-25, Miharu 2-chome,  
Atsugi-shi, Kanagawa 2430208 (JP).  
**TSUKAMURA, Kiyoshi [JP/JP];** 7-12-201,  
Tomuro 4-chome, Atsugi-shi, Kanagawa

- 2430031 (JP). ITOH, Yohichi [JP/JP]; 5-8-205, Saiwaicho, Atsugi-shi, Kanagawa 2430012 (JP). AOKI, Hideo [JP/JP]; 39-27-410, Nagatasannohdai, Minami-ku, Yokohama-shi, Kanagawa 2320074 (JP).
- (74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 1506032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B65H 19/29, A47K 10/16 // B65H 18/28  
(11) WO 2005/028350 (13) A1  
(21) PCT/US2004/029806  
(22) 10 Sep/sep 2004 (10.09.2004)  
(25) en (26) en  
(30) 10/664,560 17 Sep/sep 2003 US (17.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MUTLI-PLY PRODUCTS COMPRISING A CONSUMER ACCESSIBLE TAB  
• PRODUITS MULTICOUCHEES COMPRENANT UNE LANGUETTE ACCESSIBLE POUR L'UTILISATEUR
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Company, Cincinnati, OH 45202 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DEASON, Howard, Thomas [US/US]; 6273 Dewberry Court, Hamilton, OH 45011 (US). BROKOPP, Wesley, Bernard, Jr. [US/US]; 6313 Foxwood Court, Middletown, OH 45044 (US).
- (74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B65H 54/02, 49/18, 75/40  
(11) WO 2005/028352 (13) A1  
(21) PCT/CN2004/001067  
(22) 20 Sep/sep 2004 (20.09.2004)  
(25) zh (26) zh  
(30) 03280599.3 19 Sep/sep 2003 CN (19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A SLOW-MOVING RETRACTION DEVICE FOR AN AUTOMATIC TUBE WINDING APPARATUS  
• DISPOSITIF DE RETRACTION POUR APPAREIL AUTOMATIQUE D'ENROULEMENTS DE TUBES
- GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(t) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> B65H 51/22, D03D 47/34  
(11) WO 2005/028351 (13) A1  
(21) PCT/EP2004/009310  
(22) 19 Aug/août 2004 (19.08.2004)  
(25) de (26) de  
(30) 103 40 008.7 29 Aug/août 2003 DE (29.08.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MEASURING FEEDWHEEL UNIT  
• APPAREIL D'ALIMENTATION MESUREUR
- (71) IRO AB [SE/SE]; P.O. Box 54, Vistaholm, S-523 22 Ulricehamn (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HALVARSSON, Björn [SE/SE]; Storgatan 31, S-523 30 Ulricehamn (SE). MAGNUSSON, Patrik [SE/SE]; Döbelnsgatan 111, S-506 38 Borås (SE). SVANSTRÖM, Anders [SE/SE]; Luktärtvägen 3, S-523 33 Ulricehamn (SE).
- (74) KINKELDEY, Hermann; Grüncker, Kinkeldey, Stockmair & Schwanhäusser, Anwaltssozietät, Maximilianstrasse 58, 80538 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B65H 73/00, 19/12  
(11) WO 2005/028353 (13) A1  
(21) PCT/GB2004/004069  
(22) 23 Sep/sep 2004 (23.09.2004)  
(25) en (26) en  
(30) 0322259.3 23 Sep/sep 2003 GB (23.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • APPARATUS FOR REFURBISHING USED CORES FOR ROLLS OF MATERIAL  
• APPAREIL DE REMISE A NEUF DE TUBES UTILISES POUR ROULEAUX DE MATIERE
- (71) CORE CONTROL LIMITED [GB/GB]; 5 Prince's Gate, Knightsbridge, London SW7 1QJ (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MILTON, Peter, George [GB/GB]; 304 Broadway, Gillingham, Kent ME8 6DU (GB).
- (74) JONES, Graham, Henry; Graham Jones & Company, 77 Beaconsfield Road, Blackheath, London SE3 7LG (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> B65H 75/30  
(11) WO 2005/028354 (13) A1  
(21) PCT/CN2004/001068

## Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD

- (22) 20 Sep/sep 2004 (20.09.2004)  
 (25) zh (26) zh  
 (30) 03280598.5 19 Sep/sep 2003 CN  
 (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A LOCKING DEVICE FOR AN AUTOMATIC TUBE WINDING APPARATUS  
 • DISPOSITIF DE VERROUILLAGE POUR APPAREIL D'ENROULEMENT AUTOMATIQUE TUBULAIRE
- (71, 72) HUANG, Jian [CN/CN]; Room 302, Unit 2, Building 3, Diandong Village, Dongcheng Street, Yongkang, Zhejiang 321300 (CN).
- (74) SHANGHAI PATENT & TRADEMARK LAW OFFICE; 435 Guiping Road, 200233 Shanghai (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B66C 1/02, 1/62, G21F 5/14  
 (11) WO 2005/028355 (13) A1  
 (21) PCT/FR2004/050407  
 (22) 1 Sep/sep 2004 (01.09.2004)  
 (25) fr (26) fr  
 (30) 0350489 2 Sep/sep 2003 FR  
 (02.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • BARREL HANDLING DEVICE  
 • DISPOSITIF DE MANUTENTION DE FUT
- (71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31-33, rue de la Fédération, F-75752 PARIS 15ème (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GOUBOT, Jean-Marc [FR/FR]; Chemin de l'Entrepôt, F-30130 PONT SAINT ESPRIT (FR). FAURE, Robert [FR/FR]; Chemin de Montjau, F-07700 BOURG SAINT-ANDEOL (FR).
- (74) LEHU, Jean; BREVATOME, 3, rue du Docteur Lancereaux, F-75008 PARIS (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B67D  
 (11) WO 2005/028357 (13) A2  
 (21) PCT/US2004/029847  
 (22) 13 Sep/sep 2004 (13.09.2004)  
 (25) en (26) en  
 (30) 60/502,723 12 Sep/sep 2003 US  
 (12.09.2003)  
 (30) 60/545,155 17 Feb/fév 2004 US  
 (17.02.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • OFFICE WATER COOLER ADAPTER FOR USE WITH BAGGED FLUIDS  
 • ADAPTEUR DE REFROIDISSEUR D'EAU DE BUREAU DESTINE A ETRE UTILISE AVEC DES FLUIDES EN-SACHES
- (71, 72) MACLER, Henry, II [US/US]; 2107 Oliver Road, Monroe, LA 71201 (US). MACLER, Jeffrey, E. [US/US]; Rt. #1 Box 1710, Texumseh, MO 65760 (US). AVERY, Steven [US/US]; 11582 S. Lizzie Cove, South Jordan, UT 84095 (US).
- (74) DAMMAN, Kirk, A. et al. / etc.; Lewis, Rice & Fingersh, L.C., Box IP Department, Suite 2000, 500 North Broadway, St. Louis, MO 63102 (US).
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (16.09.2003)  
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 (26.02.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LIQUID DELIVERY AND FLOW MEASUREMENT SYSTEM AND METHOD  
 • DISTRIBUTION DE LIQUIDE ET PROCEDE ET SYSTEME DE MESURE D'ECOULEMENT
- (63) US 10/662,871 (CIP)  
 16 Sep/sep 2003 (16.09.2003)  
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- (71) THERAFUSE, INC. [US/US]; 2453 Impala Drive, Carlsbad, CA 92008 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SAGE, Burton, H., Jr. [US/US]; 3430 Bernardino Lane, Vista, CA 92084 (US). GILLET, David [US/US]; 17838 Weaving Lane, San Diego, CA 92127 (US). CATANZARO, Brian [US/US]; 5417 Pacifica Drive, San Diego, CA 92109 (US).
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESS FOR FABRICATING A MICRO-ELECTRO-MECHANICAL SYSTEM WITH MOVABLE COMPONENTS  
• PROCEDE POUR FABRIQUER UN SYSTEME MICRO-ELECTRO-MECHANIQUE A COMPOSANTS MOBILES
- (71) MATSUSHITA ELECTRIC WORKS, LTD. [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OKA, Naomasa [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). HARADA, Hiroshi [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). OGIHARA, Jun [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). FUKUSHIMA, Hiroshi [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). NOGE, Hiroshi [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). SUZUKI, Yuji [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). KAWANO, Kiyohiko [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). YOSHIHARA, Takaaki [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP). SUZUMURA, Masahiko [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka, 5718686 (JP).
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ETCH MASKS BASED ON TEMPLATE-ASSEMBLED NANOCLUSTERS  
• MASQUES DE GRAVURE BASES SUR DES NANOAGREGATS ASSEMBLES EN GABARIT ETCH MASKS BASED ON TEMPLATE-ASSEMBLED NANOCLUSTERS
- (71) NANOCLUSTER DEVICES LIMITED [NZ/NZ]; Forestry School Building, Forestry Road, Elam, Christchurch, 8004 (NZ).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BROWN, Simon, Anthony [NZ/NZ]; 81 Hinau Street, Riccarton, Christchurch, 8004 (NZ). PARTRIDGE, James, Gordon [GB/NZ]; Unit 5, 477 Madras Street, St Albans, Christchurch, 8001 (NZ).
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2005/028361 (13) A1
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- (22) 13 Sep/sep 2004 (13.09.2004)
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(16.09.2003)
- (30) 0311329 **26 Sep/sep 2003** FR  
(26.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR MAINTAINING AN AQUEOUS SOLUTION OF SODIUM BORATE IN A LIQUID FORM AT ROOM TEMPERATURE  
• PROCEDE POUR MAINTENIR LIQUIDE A LA TEMPERATURE AMBIANTE UNE SOLUTION AQUEUSE DE BORATE DE SODIUM
- (71) PEUGEOT CITROEN AUTOMOBILES S.A. [FR/FR]; Route de Gisy, F-78140 VELIZY-VILLACOUBLAY (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) RANJARD, Jean-François [FR/FR]; 3 rue du Maréchal Joffre, F-78000 VERSAILLES (FR). GLIPA, Xavier [FR/FR]; Résidence Le Clos Marie-Louise - 39 rue Charles de Gaulle, F-91440 BURES-SUR-YVETTE (FR).
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en

- (30) MI2003A001806 **23 Sep/sep 2003** IT  
(23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ORGANOPHILIC CLAYS AND THEIR USE IN THE PREPARATION OF NANOCOMPOSITE MATERIALS  
• ARGILES ORGANOPHILES ET LEUR UTILISATION DANS L'ELABORATION DE MATERIAUX NANOCOMPOSITES
- (71) P. GROUP S.R.L. [IT/IT]; Via Carlo Goldoni, 11, I-20129 Milano (IT).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RUSSO, Saverio [IT/IT]; Via Niccolini, 69, I-16166 Genova (IT). CAMINO, Giovanni [IT/IT]; Via Piffetti, 42, I-10143 Torino (IT). BORTOLON, Vittorio [IT/IT]; Via B. Luca Belludi, 62, I-35123 Padova (IT).
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(23.10.2003)
- (30) 0313272 **13 Nov/nov 2003** FR  
(13.11.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PREPARATION OF SILICATE OR GLASS IN A FURNACE WITH BURNERS IMMERSED IN A REDUCING MEDIUM  
• PREPARATION DE SILICATE OU DE VERRE DANS UN FOUR A BRULEURS IMMERGES EN MILIEU REDUCTEUR
- (71) SAINT-GOBAIN GLASS FRANCE [FR/FR]; 18, avenue d'Alsace, F-92400 COURBEVOIE (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JACQUES, Rémi [FR/FR]; Saint-Gobain Recherche, 39, quai Lucien Lefranc, F-93300 AUBERVILLIERS (FR). JEAN-VOINE, Pierre [FR/FR]; Saint-Gobain Glass France, 18, avenue d'Alsace, F-92400 COURBEVOIE (FR). PALMIERI, Biagio [IT/FR]; Saint-Gobain Recherche, 39, quai Lucien Lefranc, F-93300 AUBERVILLIERS (FR).  
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) de (26) de
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- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MODIFIED DOUBLE-LAYER CLAY MINERALS, METHOD FOR THE PRODUCTION THEREOF, AND USE THEREOF  
• MINERAUX ARGILEUX BICOUCHEX MODIFIES, LEURS PROCEDES DE PRODUCTION ET LEUR UTILISATION
- (71) FORSCHUNGSZENTRUM KARLSRUHE GMBH [DE/DE]; Weberstr. 5, 76133 Karlsruhe (DE).  
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- (72, 75) HAUSER-FUHLBERG, Markus [DE/DE]; Marienstr. 90, 76137 Karlsruhe (DE). NUESCH, Rolf [CH/DE]; Bahnhofplatz 4, 76137 Karlsruhe (DE). JANEK, Marian [SK/DE]; Kolberger Str. 28c, 76139 Karlsruhe (DE). ESSAWI, Hisham [EG/EG]; National Research Center, Cairo-Dokki-Egypt, Cairo (EG).
- (74) FITZNER, Uwe; Lintorfer Str. 10, 40878 Ratingen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C01G 1/02, 33/00, 35/00
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- (21) PCT/EP2004/009674
- (22) 31 Aug/août 2004 (31.08.2004)
- (25) de (26) de
- (30) 10342600.0 **12 Sep/sep 2003** DE  
(12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • VALVE METAL-OXIDE POWDER AND METHOD FOR PRODUCING SAID POWDER  
• DE POUDRE D'OXYDE METALLIQUE A EFFET DE SOUPEPE ET SON PROCEDE DE PRODUCTION
- (71) H. C. STARCK GMBH [DE/DE]; Im Schleeke 78-91, 38642 Goslar (DE).  
(for all designated States except / pour tous les États désignés sauf US)
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- (51)<sup>7</sup> C01B 33/44, C08L 101/00, C08K 9/04
- (11) WO 2005/028366 (13) A1
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- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) ja (26) ja
- (30) 2003-325672 **18 Sep/sep 2003** JP  
(18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PHYLLOSILICATE AND THERMOPLASTIC RESIN COMPOSITION CONTAINING THE SAME  
• PHYLLOSILICATE ET COMPOSITION A BASE DE RESINE THERMOPLASTIQUE CONTENANT CE COMPOSE
- (71) TEIJIN LIMITED [JP/JP]; 6-7, Minami-hommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 5410054 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOHNO, Kazuteru [JP/JP]; c/o Teijin Limited, Iwakuni Research Center, 2-1, Hinode-cho, Iwakuni-shi, Yamaguchi 7400014 (JP). KIDO, Nobuaki [JP/JP]; c/o Teijin Limited, Iwakuni Research Center, 2-1, Hinode-cho, Iwakuni-shi, Yamaguchi 7400014 (JP). MATSUMURA, Shunichi [JP/JP]; c/o Teijin Limited, Iwakuni Research Center, 2-1, Hinode-cho, Iwakuni-shi, Yamaguchi 7400014 (JP).
- (74) MIHARA, Hideko; c/o Teijin Intellectual Property Center Limited, 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 1000011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C01G 1/02, 33/00, 35/00
- (11) WO 2005/028367 (13) A1
- (21) PCT/EP2004/009674
- (22) 31 Aug/août 2004 (31.08.2004)
- (25) de (26) de
- (30) 10342600.0 **12 Sep/sep 2003** DE  
(12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • VALVE METAL-OXIDE POWDER AND METHOD FOR PRODUCING SAID POWDER  
• DE POUDRE D'OXYDE METALLIQUE A EFFET DE SOUPEPE ET SON PROCEDE DE PRODUCTION
- (71) H. C. STARCK GMBH [DE/DE]; Im Schleeke 78-91, 38642 Goslar (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BECK, Karsten** [DE/DE]; Am Heiligen Grabe 4, 38640 Goslar (DE). **SEYEDA, Hady** [DE/DE]; Moltkestr. 11, 38690 Viernburg (DE). **LERCH, Klaus** [DE/DE]; Königstr. 110, 41564 Kaarst (DE). **BALAN, Bianca, Agnes** [DE/DE]; Franz-Trinks-Str. 2, 38102 Braunschweig (DE).

(74) **PETERS, Frank**; Bayer Chemicals, Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C01G 23/04, C22B 34/12

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(21) PCT/JP2004/002587

(22) 2 Mar/mar 2004 (02.03.2004)

(25) ja (26) ja

(30) 2003-331992 24 Sep/sep 2003 JP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS FOR PRODUCING RUTILE  
• PROCEDE DE PRODUCTION DE RUTILE

(71) **TOHOKU TECHNO ARCH CO., LTD.** [JP/JP]; 468, Aza Aoba, Aramaki, Aoba-ku, Sendai-shi, Miyagi 980-0845 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAGASAKA, Tetsuya** [JP/JP]; 4-15-15, Minamiyoshinari, Aoba-ku, Sendai-shi, Miyagi 989-3204 (JP). **ITO, Satoshi** [JP/JP]; 4-4-10, Minamiyoshinari, Aoba-ku, Sendai-shi, Miyagi 989-3204 (JP).

(74) **SHIGENOBU, Kazuo** et al. / etc.; 3F, Dainichikojimachi Bld., 6-8, Kojimachi 4-chome, Chiyoda-ku, Tokyo 102-0083 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2005/028369 (13) A1

(21) PCT/GB2004/003925

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 03218450.0 18 Sep/sep 2003 GB (18.09.2003)

(30) PCT/GB04/002543 11 Jun/juin 2004 GB (11.06.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS FOR THE RECOVERY OF TITANIUM DIOXIDE FROM TITANIUM-CONTAINING COMPOSITIONS

• PROCEDE POUR RECUPERER DU DIOXYDE DE TITANE A PARTIR DE COMPOSITIONS CONTENANT DE L'OXYDE DE TITANE

(71) **THE UNIVERSITY OF LEEDS** [GB/GB]; Woodhouse Lane, Leeds LS2 9JT (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JHA, Animesh** [GB/GB]; 30 Sunningdale Avenue, Alwoodley, Leeds LS17 7SE (GB). **TATHAVADKAR, Vilas, Dattatray** [IN/IN]; 118 Kasba Peth, Phaltan, MS 415 523 (IN).

(74) **STUTTARD, Garry, Philip**; Urquhart-Dykes & Lord LLP, Tower House, Merrion Way, Leeds LS2 8PA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/BR2004/000003

(22) 23 Jan/jan 2004 (23.01.2004)

(25) en (26) en

(30) PI 0304252-9 25 Sep/sep 2003 BR (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A PROCESS FOR THE PRODUCTION OF NIOBIUM OXIDE POWER FOR USE IN CAPACITORS

• METHODE DE PRODUCTION D'UNE POWDRE D'OXYDE DE NIOBIUM UTILISABLE DANS DES CAPACITES

(71) **COMPANHIA BRASILEIRA DE METALURGIA E MINERACAO** [BR/BR]; Rua Pequetita, 111, 04552-902 São Paulo-SP (BR). **IPT-INSTITUTO DE PESQUISAS TECNOLÓGICAS DO ESTADO DE SÃO PAULO S/A** [BR/BR]; Cidade Universitária "Armando de Salles Oliveira", 05508-901 São Paulo-SP (BR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAGUSAGAWA, Solon, Yasuhiko** [BR/BR]; Rua Engenheiro Afonso Bauer, 104, 05616-080 São Paulo - SP (BR). **ONO, Alberto, Akikazu** [BR/BR]; Rua das Avenças, 120, 38182-194 Araxá - MG (BR). **BENEDUCE, Flávio, Neto** [BR/BR]; Rua Porto Rico, 95, 01436-100 São Paulo - SP (BR). **FERREIRA, João, Batista, Neto** [BR/BR]; Rua Fernão Dias, 264, Apto. 21, 05427-000 São Paulo - SP (BR).

(74) **MOMSEN, LEONARDOS & CIA.**; Rua Teofilo Otoni 63, 10th floor, 20090-080 Rio de Janeiro - RJ (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C01G 53/00, H01M 4/58, 4/02, 10/40

(11) WO 2005/028371 (13) A1

(21) PCT/JP2004/009648

(22) 7 Jul/juil 2004 (07.07.2004)

(25) ja (26) ja

(30) 2003-323321 16 Sep/sep 2003 JP (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPOSITE OXIDE CONTAINING LITHIUM, NICKEL, COBALT, MANGANESE, AND FLUORINE, PROCESS FOR PRODUCING THE SAME, AND LITHIUM SECONDARY CELL EMPLOYING IT

• OXYDE COMPOSITE CONTENANT DU LITHIUM, DU NICKEL, DU COBALT, DU MANGANESE ET DU FLUOR, PROCEDE PERMETTANT DE PRODUIRE CET OXYDE ET ACCUMULATEUR AU LITHIUM COMPRENANT CET OXYDE.

(71) **SEIMI CHEMICAL CO., LTD.** [JP/JP]; 3-2-10 CHIGASAKI, CHIGASAKI-SHI Kanagawa, 2538585 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUHARA, Manabu** [JP/JP]; c/o SEIMI CHEMICAL CO., LTD. 3-2-10 CHIGASAKI, CHIGASAKI-SHI Kanagawa, 2538585 (JP). **MIHARA, Takuya** [JP/JP]; c/o SEIMI CHEMICAL CO., LTD. 3-2-10 CHIGASAKI, CHIGASAKI-SHI Kanagawa, 2538585 (JP). **YAJIMA, Sumitoshi** [JP/JP]; c/o SEIMI CHEMICAL CO., LTD. 3-2-10 CHIGASAKI, CHIGASAKI-SHI Kanagawa, 2538585 (JP). **UEDA, Koichiro** [JP/JP]; c/o SEIMI CHEMICAL CO., LTD. 3-2-10 CHIGASAKI, CHIGASAKI-SHI Kanagawa, 2538585 (JP). **WAKASUGI, Yukimitsu** [JP/JP]; c/o SEIMI CHEMICAL CO., LTD.

- 3-2-10 CHIGASAKI, CHIGASAKI-SHI Kanagawa, 2538585 (JP).
- (74) OHARA, Takuya; OHARA & ASSOCIATES Ichibancho Sasada BLDG., 4-4 Ichibancho, Chiyoda-ku, Tokyo, 1020082 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C02F  
(11) WO 2005/028372 (13) A2  
(21) PCT/US2004/018447  
(22) 10 Jun/juin 2004 (10.06.2004)  
(25) en (26) en  
(30) 60/477,162 10 Jun/juin 2003 US (10.06.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • APPARATUS AND PROCESS FOR MEDIATED ELECTROCHEMICAL OXIDATION OF MATERIALS  
• APPAREIL ET PROCÉDE D'OXYDATION ELECTROCHIMIQUE INDUITE DE MATERIAUX  
(71) THE C & M GROUP, LLC [US/US]; 8225 Madrillon Estates Drive, Vienna, VA 22182 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) CARSON, Roger, W. [US/US]; 8225 Madrillon Estates Drive, Vienna, VA 22182 (US). BREMER, Bruce, W. [US/US]; 18300 Feathertree Way, Apartment 304, Montgomery Village, MD 20866-6318 (US). MASTRACCI, Michael, L. [US/US]; 15420 Carrolton Road, Rockville, MD 20853 (US). MAGGARD, Kent, E. [US/US]; 7419 Elgar Street, Springfield, VA 22151 (US).
- (74) WRAY, James, C. et al. / etc.; 1493 Chain Bridge Road, Suite 300, McLean, VA 22101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C02F  
(11) WO 2005/028373 (13) A2  
(21) PCT/US2004/027207  
(22) 20 Aug/août 2004 (20.08.2004)  
(25) en (26) en  
(30) 10/644,404 20 Aug/août 2003 US (20.08.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • SINGLE VESSEL MULTI-ZONE WASTEWATER BIO-TREATMENT SYSTEM  
• SYSTEME A PLUSIEURS ZONES DE TRAITEMENT BIOLOGIQUE DES EAUX USEES DANS UN RECEPTACLE UNIQUE  
(71, 72) KASPARIAN, Kaspar, A. [US/US]; 4701 Scollay Court, Raleigh, NC 27609 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) VERRET, Eric [CA/CA]; 10755 Avenue du Sacre-Coeur, Montreal, Quebec H2C 2T2 (CA).  
(74) SACHTJEN, Peter, D.; Mills Law Firm PLLC, P.O. Box 1245, Cary, NC 27512-1245 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C02F 1/34, 11/12 // 3/00  
(11) WO 2005/028375 (13) A1  
(21) PCT/EP2004/009377  
(22) 21 Aug/août 2004 (21.08.2004)  
(25) de (26) de  
(30) 103 40 282.9 29 Aug/août 2003 DE (29.08.2003)  
(30) 103 43 748.7 22 Sep/sep 2003 DE (22.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • METHOD AND DEVICE FOR THE COMMUNITION OF PARTICULATE ORGANIC SUBSTANCES IN SUSPENSIONS OF MICROORGANISMS  
• PROCÉDE ET DISPOSITIF PERMETTANT LA DESINTEGRATION DE SUBSTANCES ORGANIQUES PARTICULAIRES DANS DES SUSPENSIONS DE MICROORGANISMES  
(71) BIONIK GMBH - INNOVATIVE TECHNIK FÜR DIE UMWELT [DE/DE]; Siemensstrasse 1, 65232 Taunusstein (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) RICHTER, Michael [DE/DE]; Trompeterstrasse 4, 65527 Niedernhausen (DE). UNGER, Jochem [DE/DE]; Mümlingtalring 11, 64739 Höchst (DE).  
(74) MÖLL UND BITTERICH; Westring 17, 76829 Landau (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C02F  
(11) WO 2005/028374 (13) A2  
(21) PCT/US2004/030155  
(22) 15 Sep/sep 2004 (15.09.2004)  
(25) en (26) en  
(30) 60/481,392 17 Sep/sep 2003 US (17.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • FILTRATION METHOD  
• PROCÉDE DE FILTRATION  
(71) UNICAT CATALYST TECHNOLOGIES, INC. [US/US]; 1600 East Hwy. 6, Suite 320, Alvin, TX 77511 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) ERFAN, Mani [US/US]; 207 Rolling Spring Lane, Dickinson, TX 77539 (US).  
(74) FINKELSTEIN, Ira, D.; Howrey Simon Arnold & White, LLP, 750 Bering Drive, Houston, TX 77057 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).



MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C02F 1/42

(11) WO 2005/028376 (13) A1

(21) PCT/US2004/030491

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,329 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR REMOVING ARSENITE AND ARSENATE FROM WATER

• SYSTEME ET PROCEDE DE RETRAIT D'ARSENITE ET D'ARSENATE DE L'EAU

(71) UNIVERSITY OF WYOMING [US/US]; 16th and Gibbon, Laramie, WY 82071 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) REDDY, Katta, J. [IN/US]; 2719 Leslie Court, Laramie, WY 82072 (US).

(74) TRACY, Emery, L.; P.O. Box 1518, Boulder, CO 80306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 2003905176 23 Sep/sep 2003 AU (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • WASTEWATER PURIFICATION METHOD

• PROCEDE D'EPURATION D'EAUX USEES

(71) AQUENOX PTY LTD [AU/AU]; Suite 510, Pacific Tower, Level 5, 737 Burwood Road, Hawthorn, Victoria 3122 (AU). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) VOLPE, Patrick, John [AU/AU]; Suite 510, Pacific Tower, Level 5, 737 Burwood Road, Hawthorn, Victoria 3122 (AU).

(74) FISHER ADAMS KELLY; Level 13 AMP Place, 10 Eagle Street, Brisbane, Queensland 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C02F 1/50

(11) WO 2005/028378 (13) A1

(21) PCT/US2004/030025

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,266 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • REMOVAL OF MICROORGANISMS AND DISINFECTION BYPRODUCT PRECURSORS USING ELEMENTAL IRON OR ALUMINUM

• ELIMINATION DE MICRO-ORGANISMES ET OU DE PRECURSEURS DE PRODUITS SECONDAIRES DE DESINFECTION A BASE DE FER OU D'ALUMINIUM ELEMENTAIRES

(71) UNIVERSITY OF DELAWARE [US/US]; Office of Vice Provost for Research, 210 Hullahen Hall, Newark, DE 19716 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) JIN, Yan [US/US]; Office of The Vice Provost for Research, 210 Hullahen Hall, Newark, DE 19716 (US). CHIU, Pei [—/US]; 201 Eileens Way, Hockessin, DE 19707 (US).

(74) MCBEE, Susan, E., Shaw; Connolly Bove Lodge & Hutz LLP, 1990 M Street, N.W., Suite 800, Washington, DC 20036-3425 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C02F 1/52, 1/66, 1/44, B01D 21/01, 21/02, B09B 3/00

(11) WO 2005/028379 (13) A1

(21) PCT/JP2003/012095

(22) 22 Sep/sep 2003 (22.09.2003)

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR TREATING DRAIN WATER FROM STEP OF WASHING FLY ASH WITH WATER

• PROCEDE ET APPAREIL DE TRAITEMENT DE L'EAU DE DRAINAGE A PARTIR D'UNE ETAPE DE LAVAGE A L'EAU DE LA CENDRE VOLANTE

(71) TAIHEIYO CEMENT CORPORATION [JP/JP]; 8-1, Akashi-cho, Chuo-ku, Tokyo 104-8518 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAITO, Shinichiro [JP/JP]; c/o Technical Development Center, Engineering & Technology Department, Taiheiyō Cement Corporation, 5378, Oaza Mikajiri, Kumagaya-shi, Saitama 360-0843 (JP). NAKAMURA, Tomomichi [JP/JP]; c/o Technical Development Center, Engineering & Technology Department, Taiheiyō Cement Corporation, 5378, Oaza Mikajiri, Kumagaya-shi, Saitama 360-0843 (JP). TAMURA, Noritoshi [JP/JP]; c/o Technical Development Center, Engineering & Technology Department, Taiheiyō Cement Corporation, 5378, Oaza Mikajiri, Kumagaya-shi, Saitama 360-0843 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C02F 3/12

(11) WO 2005/028380 (13) A1

(21) PCT/KR2004/002013

(22) 11 Aug/août 2004 (11.08.2004)

(25) en (26) en

(30) 10-2003-0066150 24 Sep/sep 2003 KR (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ACTIVATED SLUDGE PROCESS AND APPARATUS WITH HIGH BIOMASS CONCENTRATION USING A DOWN-FLOW SLUDGE BLANKET FILTRATION

● PROCEDE ET APPAREIL POUR LE TRAITEMENT PAR LES BOUES ACTIVEES A CONCENTRATION DE BIOMASSE ELEVEE, AVEC DECANTEUR A CONTACT DE BOUES EN COURANT DESCENDANT

(71) LG CONSTRUCTION CO., LTD. [KR/KR]; LG Bldg., 535, Namdaemunno 5-ga, Jung-gu, Seoul, 100-722 (KR). SBF INC. [KR/KR]; 81525, Jonghabyeongdong, Sungkyunkwan University, 300, Cheoncheon-dong, Jangan-gu, Suwon-si, Gyeonggi-do, 440-746 (KR).  
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) YEOM, Ik-Tai [KR/KR]; 627-1503, Eulji Apt., 1145-14, Sanbon-dong, Gunpo-si, Gyeonggi-do, 435-040 (KR). KIM, Hyung-Soo [KR/KR]; 301, 132-25, Nonhyeon-dong, Kangnam-gu, Seoul, 405-847 (KR). CHOI, Young-Gyun [KR/KR]; 101, Chowon villa, 193-12, Eungbong-dong, Seongdong-gu, Seoul, 133-852 (KR). PARK, Yong-Hyo [KR/KR]; 610-39, Sillim 3-dong, Gwanak-gu, Seoul, 151-879 (KR).

(74) NAM, Sang-Sun; 9th Fl., Maekyung Media Center, 30, 1-ga, Pil-dong, Jung-ku, Seoul, 100-728 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C02F 3/12  
(11) WO 2005/028381 (13) A1  
(21) PCT/NL2004/000662  
(22) 24 Sep/sep 2004 (24.09.2004)  
(25) en (26) en  
(30) 03077982.1 24 Sep/sep 2003 EP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)  
(54) ● AEROBIC WASTEWATER TREATMENT  
● TRAITEMENT AEROBIE DES EAUX USEES

(71) NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft (NL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN HOUTEN, Renze Tjeert [NL/NL]; Roghorst 128, NL-6708 KR Wageningen (NL).

(74) WINCKELS, J., H., F.; Verenigde, Johan de Wittlaan 7, NL-2517 JR Den Haag (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C02F 9/14, C05F 3/00 // (C02F 9/14, 3:28, 1:16), 103:20  
(11) WO 2005/028382 (13) A1  
(21) PCT/ES2004/000417  
(22) 23 Sep/sep 2004 (23.09.2004)  
(25) es (26) es  
(30) P200302214 24 Sep/sep 2003 ES (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)  
(54) ● METHOD OF REDUCING THE POLLUTION LOAD OF PURINES  
● PROCEDE DE REDUCTION DE LA CHARGE POLLUANTE DES PURINS

(71) SENER GRUPO DE INGENIERIA, S.A. [ES/ES]; Severo Ochoa, 4 PTM, E-28760 TRES CANTOS (Madrid) (ES).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANGULO ARAMBURU, Jeronimo [ES/ES]; Severo Ochoa, 6 PTM, E-28760 TRES CANTOS (Madrid) (ES).

(74) CARPINTERO LOPEZ, Francisco; Herrero & Asociados, S.L., Alcalá, 35, E-28014 MADRID (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2005/028383 (13) A1  
(21) PCT/JP2003/012117  
(22) 22 Sep/sep 2003 (22.09.2003)  
(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)  
(54) ● DECORATIVE GLASS AND METHOD OF PRODUCING THE SAME  
● VERRE DECORATIF ET PROCEDE DE PRODUCTION ASSOCIE

(71) FUJITA, Kouhei [JP/JP]; 1297-6, Nishihara, Urasoe-shi, Okinawa 901-2101 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) SUEYOSHI, Nariyuki [JP/JP]; 2-57, Chibana 6-chome, Okinawa-shi, Okinawa 904-2143 (JP).

(74) SATOH, Kohichi; 3-12, Chuou 7-chome, Kure-shi, Hiroshima 737-0051 (JP).

(81) AU CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> C03B 11/12, B65D 1/00, G05B 11/36  
(11) WO 2005/028384 (13) A1  
(21) PCT/JP2004/011541  
(22) 11 Aug/août 2004 (11.08.2004)  
(25) ja (26) ja  
(30) 2003-327418 19 Sep/sep 2003 JP (19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) ● GLASS-FORMING MACHINE  
● MACHINE À MOULER LE VERRE

(71) NIHON YAMAMURA GLASS CO., LTD. [JP/JP]; 2-21, Hamamatsubara-cho Nishinomiya-shi Hyogo, 6620923 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAGAI, Hiroyuki [JP/JP]; c/o NIHON YAMAMURA GLASS CO., LTD. 2-21, Hamamatsubara-cho Nishinomiya-shi Hyogo, 6620923 (JP). UEDA, Mitsuo [JP/JP]; c/o NIHON YAMAMURA GLASS CO., LTD. 2-21, Hamamatsubara-cho Nishinomiya-shi Hyogo, 6620923 (JP). MYOUJIN, Yutaka [JP/JP]; c/o NIHON YAMAMURA GLASS CO., LTD. 2-21, Hamamatsubara-cho Nishinomiya-shi Hyogo, 6620923 (JP). HASHIMOTO, Katsumi [JP/JP]; c/o NIHON YAMAMURA GLASS CO., LTD. 2-21, Hamamatsubara-cho Nishinomiya-shi Hyogo, 6620923 (JP).

(74) SUZUKI, Yoshimitsu; Honmachi Terada Building 6th Floor, 5-31, Kyutaro-machi 2-chome, Chuo-ku, Osaka-shi Osaka, 5410056 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C03B 20/00, 19/06, B28B 1/26, C04B 35/14  
(11) WO 2005/028385 (13) A1  
(21) PCT/EP2004/009318  
(22) 19 Aug/août 2004 (19.08.2004)  
(25) de (26) de  
(30) 103 39 676.4 28 Aug/août 2003 DE (28.08.2003)

- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **SIO<sub>2</sub> MOLDED BODIES, METHOD FOR PRODUCING THEM AND USE THEREOF**  
 • CORPS MOULES EN SIO<SB>2</SB>, LEURS PROCEDES DE PRODUCTION, ET LEUR UTILISATION
- (71) **WACKER-CHEMIE GMBH** [DE/DE]; Hanns-Seidel-Platz 4, 81737 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SCHWERTFEGGER, Fritz** [DE/DE]; Marktler Strasse 56a, 84489 Burghausen (DE).
- (74) **POTTEN, Holger et al.** / etc.; Wacker-Chemie GmbH, Hanns-Seidel-Platz 4, 81737 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C03C
- (11) **WO 2005/028386** (13) A2
- (21) PCT/US2004/030108
- (22) **13 Sep/sep 2004 (13.09.2004)**
- (25) en (26) en
- (30) 10/661,913 **12 Sep/sep 2003** US (12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **GLASS BLOCK PANEL SYSTEM AND FABRICATION METHOD OF SAME**  
 • SYSTEME DE PANNEAUX DE BRIQUES DE VERRE ET PROCEDE DE FABRICATION CORRESPONDANT
- (71, 72) **LEMERT, Steven, G.** [US/US]; 3807 W. Adams St., Phoenix, AZ 85009 (US).
- (74) **UDALL, Pacer, K.**; Schmeiser, Olsen & Watts, LLP, 18 E. University Drive, #101, Mesa, AZ 85201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C03C 10/06, 10/14, G02B 5/10, F21S 2/00
- (11) **WO 2005/028388** (13) A1
- (21) PCT/JP2004/013670
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) ja (26) ja
- (30) 2003-324883 **17 Sep/sep 2003** JP (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **GLASS FOR PRESS MOLDING**  
 • VERRE POUR MOULAGE A LA PRESSE
- (71) **ISUZU GLASS CO., LTD.** [JP/JP]; 3-6, Minamitsumori 6-chome, Nishinari-ku, Osaka-shi, Osaka 557-0063 (JP). **NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY** [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HOSOKAWA, Takaharu** [JP/JP]; c/o Isuzu Glass Co., Ltd., 3-6, Minamitsumori 6-chome, Nishinari-ku, Osaka-shi, Osaka 557-0063 (JP). **KIKUCHI, Naoki** [JP/JP]; c/o Isuzu Glass Co., Ltd., 3-6, Minamitsumori 6-chome, Nishinari-ku, Osaka-shi, Osaka 557-0063 (JP). **SUETSUGU, Tatsuya** [JP/JP]; c/o Isuzu Glass Co., Ltd., 3-6, Minamitsumori 6-chome, Nishinari-ku, Osaka-shi, Osaka 557-0063 (JP). **KIMURA, Kazuhisa** [JP/JP]; c/o Isuzu Glass Co., Ltd., 3-6, Minamitsumori 6-chome, Nishinari-ku, Osaka-shi, Osaka 557-0063 (JP). **HASEGAWA, Tadashi** [JP/JP]; c/o Isuzu Glass Co., Ltd., 3-6, Minamitsumori 6-chome, Nishinari-ku, Osaka-shi, Osaka 557-0063 (JP). **EINISHI, Toshihiko** [JP/JP]; c/o Isuzu Glass Co., Ltd., 3-6, Minamitsumori 6-chome, Nishinari-ku, Osaka-shi, Osaka 557-0063 (JP). **TARUMI, Takashi** [JP/JP]; c/o Isuzu Glass Co., Ltd., 3-6, Minamitsumori 6-chome, Nishinari-ku, Osaka-shi, Osaka 557-0063 (JP). **KADONO, Kohei** [JP/JP]; c/o Kansai Center of National Institute of Advanced Industrial Science and Technology, 8-31, Midorigaoka 1-chome, Ikeda-shi, Osaka 563-8577 (JP).
- (74) **SAEGUSA, Eiji et al.** / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C03C 3/093, 3/066, G02B 1/00, 3/00, 3/02
- (11) **WO 2005/028387** (13) A1
- (21) PCT/JP2004/013289
- (22) **7 Sep/sep 2004 (07.09.2004)**
- (25) ja (26) ja
- (30) 2003-324883 **17 Sep/sep 2003** JP (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **GLASS FOR PRESS MOLDING**  
 • VERRE POUR MOULAGE A LA PRESSE
- (71) **ISUZU GLASS CO., LTD.** [JP/JP]; 3-6, Minamitsumori 6-chome, Nishinari-ku, Osaka-shi, Osaka 557-0063 (JP). **NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY** [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HOSOKAWA, Takaharu** [JP/JP]; c/o Isuzu Glass Co., Ltd., 3-6, Minamitsumori 6-chome, Nishinari-ku, Osaka-shi, Osaka 557-0063 (JP). **KIKUCHI, Naoki** [JP/JP]; c/o Isuzu Glass Co., Ltd., 3-6, Minamitsumori 6-chome, Nishinari-ku, Osaka-shi, Osaka 557-0063 (JP). **SUETSUGU, Tatsuya** [JP/JP]; c/o Isuzu Glass Co., Ltd., 3-6, Minamitsumori 6-chome, Nishinari-ku, Osaka-shi, Osaka 557-0063 (JP). **KIMURA, Kazuhisa** [JP/JP]; c/o Isuzu Glass Co., Ltd., 3-6, Minamitsumori 6-chome, Nishinari-ku, Osaka-shi, Osaka 557-0063 (JP). **HASEGAWA, Tadashi** [JP/JP]; c/o Isuzu Glass Co., Ltd., 3-6, Minamitsumori 6-chome, Nishinari-ku, Osaka-shi, Osaka 557-0063 (JP). **EINISHI, Toshihiko** [JP/JP]; c/o Isuzu Glass Co., Ltd., 3-6, Minamitsumori 6-chome, Nishinari-ku, Osaka-shi, Osaka 557-0063 (JP). **TARUMI, Takashi** [JP/JP]; c/o Isuzu Glass Co., Ltd., 3-6, Minamitsumori 6-chome, Nishinari-ku, Osaka-shi, Osaka 557-0063 (JP). **KADONO, Kohei** [JP/JP]; c/o Kansai Center of National Institute of Advanced Industrial Science and Technology, 8-31, Midorigaoka 1-chome, Ikeda-shi, Osaka 563-8577 (JP).
- (74) **SAEGUSA, Eiji et al.** / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C03C 13/00
- (11) **WO 2005/028389** (13) A2
- (21) PCT/BR2004/000176
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) en (26) en
- (30) PI 0304176-0 **19 Sep/sep 2003** BR (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **A MICROFIBROUS COMPOSITION COMPRISING SILICEOUS SPICULES OF SPONGIARIA, PROCESSES AND EQUIPMENT FOR OBTAINING THEM**  
 • COMPOSITION MICROFIBRES CONTENANT DES SPICULES SILICEUX DE SPONGIAIRES, PROCEDES ET EQUIPEMENTS PERMETTANT DE PREPARER CETTE COMPOSITION
- (71) **NUNES RIBEIRO, Fernando** [BR/BR]; Rua João Carlos Silva, 77, 38740-000 Patrocínio, MG (BR). **NUNES RIBEIRO,**

- Fabio** [BR/BR]; Rua Nelson Caixeira de Queiroz, 200, 38740-000 Patrocínio, MG (BR).
- (71, 72) **FRITZONS JUNIOR, Oswaldo** [BR/BR]; Rua João de Carvalho, 1517, Bairro Matinha, 38740-000 Patrocínio, MG (BR).
- (74) **DANNEMANN, SIEMSEN, BIGLER & IPANEMA**; Moreira, Caixa Postal 2142, Rua Marquês de Olinda, 70, 22251-040 Rio de Janeiro, RJ (BR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C03C 17/22, 17/245, C23C 14/58, C03C 17/00
- (11) WO 2005/028390 (13) A1
- (21) PCT/EP2004/008481
- (22) 29 Jul/juil 2004 (29.07.2004)
- (25) de (26) de
- (30) 103 42 398.2 13 Sep/sep 2003 DE (13.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR PRODUCING SUBSTRATES COMPRISING TEMPERATURE-RESISTANT PROTECTIVE COATINGS
- PROCEDE POUR PRODUIRE DES SUBSTRATS PRESENTANT DES COUCHES PROTECTRICES RESISTANT A LA CHALEUR
- (71) **SCHOTT AG** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DZICK, Jürgen** [DE/DE]; Kuher-Weg 11, 55268 Nieder-Ohm (DE). **GABEL, Falk** [DE/DE]; Sonnerbergstrasse 32, 60343 Eltville (DE).
- (74) **HERDEN, Andreas**; Blumbach, Kramer & Partner GbR, Alexandrastrasse 5, 65187 Wiesbaden (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C03C 23/00, B01J 19/08
- (11) WO 2005/028392 (13) A1
- (21) PCT/JP2004/014282
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) ja (26) ja
- (30) 2003-330327 22 Sep/sep 2003 JP (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PRODUCTION METHOD OF HARDLY-ELECTRIFIABLE GLASS SUBSTRATE AND HARDLY-ELECTRIFIABLE GLASS SUBSTRATE OBTAINED BY IT
- PROCEDE DE PRODUCTION D'UN SUBSTRAT DE VERRE DIFFICILEMENT ELECTRISABLE ET SUBSTRAT DE VERRE DIFFICILEMENT ELECTRISABLE AINSI OBTENU
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C03C 17/36
- (11) WO 2005/028391 (13) A1
- (21) PCT/FR2004/002152
- (22) 18 Aug/août 2004 (18.08.2004)
- (25) fr (26) fr
- (30) 0310912 17 Sep/sep 2003 FR (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • TRANSPARENT SUBSTRATE COMPRISING A STACK OF THIN LAYERS FOR ELECTROMAGNETIC ARMOUR
- SUBSTRAT TRANSPARENT MUNI D'UN EMPLEMENT DE COUCHES MINCES POUR UN BLINDAGE ELECTROMAGNETIQUE
- (71) **SAINT-GOBAIN GLASS FRANCE** [FR/FR]; Les Miroirs, 18, Avenue d'Alsace, F-92400 Courbevoie (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FLEURY, Carinne** [FR/FR]; 25, Avenue Jean Moulin, F-75014 Paris (FR). **BELLIOT, Sylvain** [FR/FR]; 28, rue du Colonel Rozanoff, F-75012 Paris (FR). **MAINPIN, Estelle** [FR/FR]; 5, Avenue des Gobelins, F-75005 Paris (FR).
- (74) **SAINT-GOBAIN RECHERCHE**; 39, quai Lucien Lefranc, F-93300 Aubervilliers (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C03C 27/12, B60J 1/00, E06B 9/24
- (11) WO 2005/028393 (13) A1
- (21) PCT/JP2004/013406
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) ja (26) ja
- (30) 2003-325046 17 Sep/sep 2003 JP (17.09.2003)
- (30) 2003-325047 17 Sep/sep 2003 JP (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LAMINATED GLASS
- VERRE STRATIFIE
- (71) **CENTRAL GLASS COMPANY, LIMITED** [JP/JP]; 5253, Oaza Okiube, Ube-shi, Yamaguchi, 7550001 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OONISI, Shouji** [JP/JP]; c/o Matsuzaka plant of CENTRAL GLASS COMPANY, LIMITED, 1521-2, Oguchi-cho, Matsusaka-shi, Mie, 5150001 (JP). **NAKAMURA, Isao** [JP/JP]; c/o Matsuzaka plant of CENTRAL GLASS COMPANY, LIMITED, 1521-2, Oguchi-cho, Matsusaka-shi, Mie, 5150001 (JP). **TAKIMOTO, Chiharu** [JP/JP]; c/o Matsuzaka plant of CENTRAL GLASS COMPANY, LIMITED, 1521-2, Oguchi-cho, Matsusaka-shi, Mie, 5150001 (JP).
- (74) **HASHIMOTO, Takeshi** et al. / etc.; c/o Shiga Patent Office, Ekisaikai Bldg., 1-29, Akashi-cho, Chuo-ku, Tokyo, 1040044 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ

- LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OMPG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> C04B  
(11) WO 2005/028394 (13) A2  
(21) PCT/US2004/005589  
(22) 24 Feb/fév 2004 (24.02.2004)  
(25) en (26) en  
(30) 10/377,172 26 Feb/fév 2003 US  
(26.02.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • CERAMIC MATERIALS REINFORCED  
WITH METAL AND SINGLE-WALL  
CARBON NANOTUBES  
• MATERIAUX EN CERAMIQUE REN-  
FORCES AVEC DU METAL ET DES  
NANOTUBES EN CARBONE A PAROI  
UNIQUE  
(71) THE REGENTS OF THE UNIVERSITY  
OF CALIFORNIA [US/US]; 1111 Franklin  
Street, 12th Floor, Oakland, California  
94607-5200 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) KUNTZ, Joshua D. [US/US]; 1045  
Second Street, Apt. 30, Lafayette, California  
94549 (US). ZHAN, Guodong [CN/US];  
1615 East Eighth Street, Apt. 7, Davis, Cal-  
ifornia 95616 (US). MUKHERJEE, Amiya  
K. [US/US]; 1123 Purdue Drive, Davis, Cal-  
ifornia 95616 (US).  
(74) HEINES, M. Henry et al. / etc.; Townsend  
and Townsend and Crew LLP, Two Embar-  
cadero Center, 8th Floor, San Francisco, Cal-  
ifornia 94111-3834 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> C04B 14/04, 41/00  
(11) WO 2005/028395 (13) A1  
(21) PCT/US2004/028384  
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(25) en (26) en
- (30) 60/499,055 29 Aug/août 2003 US  
(29.08.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • STABILIZED SLURRY COMPOSITION  
AND METHOD OF MAKING THE  
SAME  
• COMPOSITION DE SUSPENSION  
EPAISSE STABILISEE ET PROCEDE  
DE PRODUCTION  
(71) LUZENAC AMERICA, INC. [US/US];  
345 Inverness Drive South, Suite 310, Cen-  
tennial, CO 80112 (US).  
(72) NICHOLS, Carl, W.; 1917 Nelson Road,  
Bozeman, MO 59718 (US).  
(74) CONNELL, Gary, J. et al. / etc.; Sheridan  
Ross P.C., Suite 1200, 1560 Broadway, Den-  
ver, CO 80202-5141 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).  
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- (51)<sup>7</sup> C04B 26/02, 14/04, 41/00  
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(21) PCT/EP2004/008746  
(22) 4 Aug/août 2004 (04.08.2004)  
(25) de (26) de  
(30) 103 41 198.4 4 Sep/sep 2003 DE  
(04.09.2003)  
(30) 103 57 680.0 10 Dec/déc 2003 DE  
(10.12.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • USE OF CORE-SHELL PARTICLES  
• UTILISATION DE PARTICULES A  
NOYAU ET ENVELOPPE  
(71) MERCK PATENT GMBH [US/US];  
Frankfurter Strasse 250, 64293 Darmstadt  
(US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) WINKLER, Holger [DE/DE]; Roe-  
merstrasse 63a, 64291 Darmstadt (DE).  
SCHNEIDER, Rene [DE/DE]; An den  
Eichen 75, 64546 Mörfelden-Walldorf (DE).  
HELLMANN, Goetz, Peter [DE/DE]; Hux-  
elrebenweg 72, 55129 Mainz (DE). RUHL,  
Tilmann, Eberhard [DE/DE]; Mozartstrasse  
10, 64347 Griesheim (DE). SPAHN, Peter  
[DE/DE]; Spessartstrasse 75, 63457 Hanau  
(DE).  
(74) MERCK PATENT GMBH; Frankfurter  
Strasse 250, 64293 Darmstadt (DE).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR
- KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> C04B 28/14  
(11) WO 2005/028397 (13) A1  
(21) PCT/CN2003/000984  
(22) 20 Nov/nov 2003 (20.11.2003)  
(25) zh (26) zh  
(30) 03146869.1 19 Sep/sep 2003 CN  
(19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • A NOVEL ENVIRONMENTAL PRO-  
TECTION AND FIREPROOFING  
MATERIAL, ITS MANUFACTURING  
METHOD AND USE  
• NOUVEAU MATERIAU IGNIFUGE  
NON POLLUANT, SON PROCEDE DE  
FABRICATION ET SON UTILISATION  
(71) GUANGZHOU GOLD ELECTRIC  
LIGHTING CO. LTD [CN/CN]; 6#, Pa-  
cific Ocean Industrial Zone, Xin Tang Town,  
Zengcheng, Guangdong 511340 (CN).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (71, 72) LIN, Minying [CN/CN]; 6#, Pacific  
Ocean Industrial zone, Xin Tang Town,  
Zengcheng, Guangdong 511340 (CN).  
(74) GUANGZHOU SINO PATENT AGENT  
CO., LTD.; 4th floor, No. 87, Cangbian  
Road, Guangzhou, Guangdong 510030 (CN).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CO CR CU CZ DE DK DM  
DZ EC EE ES FI GB GD GE GH GM HR HU  
ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX  
MZ NO NZ OM PG PH PL PT RO RU SC SD  
SE SG SK SL SY TJ TM TN TR TT TZ UA  
UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).
- 
- (51)<sup>7</sup> C04B 40/00 // 103:12  
(11) WO 2005/028398 (13) A1  
(21) PCT/EP2004/009253  
(22) 18 Aug/août 2004 (18.08.2004)  
(25) en (26) en  
(30) 2003-328772 19 Sep/sep 2003 JP  
(19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • LIQUID ACCELERATOR  
• ACCELERATEUR LIQUIDE  
(71) CONSTRUCTION RESEARCH &  
TECHNOLOGY GMBH [DE/DE]; Patente,

Marken, Dr. Albert-Frank-Strasse 32, 83308 Trostberg (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANGELSKAR, Terje [NO/CH]; Honeretshof 6, CH-8962 Bergdietikon (CH). IWATA, Raita [JP/JP]; c/o Chuo-Kenkyusho, NMB Ltd, 2722 Hagazono, Chigasaki, Kanagawa-ken (JP).

(74) CONSTRUCTION RESEARCH & TECHNOLOGY GMBH; Patente, Marken, Dr. Albert-Frank-Strasse 32, 83308 Trostberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C04B 41/85, C03C 8/14

(11) WO 2005/028399 (13) A1

(21) PCT/IT2003/000814

(22) 12 Dec/déc 2003 (12.12.2003)

(25) it (26) en

(30) RE2003A000086 22 Sep/sep 2003 IT (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR MANUFACTURING CERAMIC ARTICLES WITH LUMINESCENT PROPERTIES, AND ARTICLES OBTAINED THEREBY

• PROCEDE DE FABRICATION D'ARTICLES EN CERAMIQUE AVEC DES PROPRIETES LUMINESCENTES ET ARTICLES AINSI OBTENUS

(71) GRUPPO CERAMICHE SAICIS S.P.A. [IT/IT]; 27, Via Giorgi, I-41100 Modena (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZINI, Massimo [IT/IT]; 3, Via Achille Grandi, I-41043 Formigine (IT). CARPENITO, Pellegrino [IT/IT]; 687, Via Limidi, I-41019 Soliera (IT).

(74) CORRADINI, Corrado et al. / etc.; Via Dante Alighieri, 4, I-42100 Reggio Emilia (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> C05D 1/00, C05C 9/00, A01N 59/02

(11) WO 2005/028400 (13) A1

(21) PCT/AU2004/000848

(22) 25 Jun/juin 2004 (25.06.2004)

(25) en (26) en

(30) 2003905138 22 Sep/sep 2003 AU (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FERTILISER AND FUNGICIDE COMPOSITION AND METHOD

• COMPOSITION RENFERMANT UN ENGRAIS ET UN FONGICIDE ET PROCEDE ASSOCIE

(71) AGRI-TECH INTERNATIONAL PTY LTD [AU/AU]; 33 Bishop Street, Jolimont, Western Australia 6014 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MASON, Robert [AU/AU]; 33 Bishop Street, Jolimont, Western Australia 6014 (AU).

(74) WRAY & ASSOCIATES; Level 4, The Quadrant, 1 William Street, Perth, Western Australia 6000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C06C 5/04

(11) WO 2005/028401 (13) A1

(21) PCT/BR2004/000178

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) PI0303546-8 19 Sep/sep 2003 BR (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS FOR PRODUCTION OF THERMAL SHOCK TUBE, AND PRODUCT THEREOF

• PROCEDE DE PRODUCTION DE TUBE RESISTANT AUX CHOCs THERMIQUES ET PRODUIT OBTENU

(71) BRITANITE S/A - INDÚSTRIAS QUÍMICAS [BR/BR]; Rua Delegado Bruno De Almeida, S/Nº, Tatuquara, 80.950-000 Curitiba (BR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FALQUETE, Marco, Antonio [BR/BR]; Rua Desembargador Mota, Nº 2.219 Apto 403 Bloco 1, Centro, 80.420-190 Curitiba (BR).

(74) A CRIATIVA MARCAS E PATENTES S/C LTDA.; Rua Conselheiro Carrão, Nº 470, Juvevê, 80.040-130 Curitiba (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07C

(11) WO 2005/028402 (13) A2

(21) PCT/EP2004/052190

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 03103564.5 25 Sep/sep 2003 EP (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ROMP WITH FLUORINATED GROUPS

• POLYMERISATION PAR METATHÈSE AVEC OUVERTURE DE CYCLE AVEC DES GROUPES FLUORES

(71) CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW)

(71) CIBA SPECIALTY CHEMICALS S.P.A. [IT/IT]; Via Pila, 6/3, Fraz. Pontecchio Marconi, I-40037 Sasso Marconi (IT). (only for / seulement pour IT)

(72, 75) LAZZARI, Dario [IT/IT]; Via Massarenti 173, I-40138 Bologna (IT). PICCINELLI, Piero [IT/IT]; Via Porrettana 212, I-40037 Sasso Marconi (IT). ZEDDA, Alessandro [IT/CH]; Friedensgasse 6, CH-4056 Basel (CH). PERI, Francesca [IT/IT]; Via Paolo Bentivoglio 8, I-40133 Bologna (IT). BRUNNER, Martin

- [CH/CH]; Rosenstrasse 5, CH-4323 Wallbach (CH).
- (74) CIBA SPECIALTY CHEMICALS HOLDING INC.; Patent Department, Klybeckstrasse 141, CH-4057 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07C 7/12, C10G 45/06, B01J 23/755, 37/20
- (11) WO 2005/028403 (13) A1
- (21) PCT/NL2004/000639
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 03077830.2 23 Sep/sep 2003 EP (23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESS FOR THE REMOVAL OF SULFUR COMPOUNDS FROM HYDROCARBON FEEDSTOCKS
- PROCEDE D'ELIMINATION DE COMPOSES DE SOUFRE DE CHARGES D'HYDROCARBURES
- (71) Engelhard Corporation [US/US]; 101 Wood Avenue, Iselin, NJ 08830-0770 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) REESINK, Bernard, Hendrik [NL/NL]; Patrimoniumweg 6, NL-3941 BT Doorn (NL). VAN GASTEREN, Nico [NL/NL]; Kleihoeve 6, NL-3992 NS Houten (NL).
- (74) WINCKELS, J., H., F.; Vereenigde, Johan de Wittlaan 7, NL-2517 JR Den Haag (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> C07C 15/085, 1/24, 5/03
- (11) WO 2005/028405 (13) A1
- (21) PCT/JP2004/013587
- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) ja (26) ja
- (30) 2003-325742 18 Sep/sep 2003 JP (18.09.2003)
- (30) 2003-325743 18 Sep/sep 2003 JP (18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESS FOR PRODUCING CUMENE
- PROCEDE DE PRODUCTION DE CUMENE
- (71) SUMITOMO CHEMICAL COMPANY, LIMITED [JP/JP]; 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo 1048260 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAMAMOTO, Jun [JP/JP]; 98-4405, Daijuku, Sodegaura-shi, Chiba 2990241 (JP). KATAO, Masaaki [JP/JP]; 3-5-21, Soja, Ichihara-shi, Chiba 2900023 (JP).
- (74) ENOMOTO, Masayuki et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5418550 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07C 45/00
- (11) WO 2005/028406 (13) A2
- (21) PCT/US2003/041935
- (22) 18 Dec/déc 2003 (18.12.2003)
- (25) en (26) en
- (30) 60/436,200 23 Dec/déc 2002 US (23.12.2002)
- (30) 10/713,727 14 Nov/nov 2003 US (14.11.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESSES FOR THE PREPARATION OF HIGHER MOLECULAR WEIGHT KETONES
- PROCEDES DE PREPARATION DE CETONES DE POIDS MOLECULAIRE PLUS ELEVE
- (71) EASTMAN CHEMICAL COMPANY [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).
- (72) MCCUSKER-ORTH, Jennifer, Ellen; 417 Arrowhead Drive, Kingsport, TN 37664 (US). TENNANT, Brent, Alan; 374 Clearwater Drive, Kingsport, TN 37664 (US). CIULA, James, Charles; 7045 Bentgrass Drive, Indianapolis, IN 46236 (US).
- (74) CARRIER, Michael, K.; P.O. Box 511, Kingsport, TN 37662-5075 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07C 45/50, 47/02, 31/125, 53/126, 29/141, 29/17, 47/21
- (11) WO 2005/028407 (13) A1
- (21) PCT/EP2004/010622
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 0322247.8 23 Sep/sep 2003 GB (23.09.2003)
- (30) 60/530,382 17 Dec/déc 2003 US (17.12.2003)

- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HYDROFORMYLATION OF BUTENES COMPRISING ISOBUTYLENE  
• HYDROFORMYLATION DE BUTENES COMPRENANT DE L'ISOBUTYLENE
- (71) EXXONMOBIL CHEMICAL PATENTS INC. [US/US]; 5200 Baytown Drive, Baytown, TX 77520-5200 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CAERS, Raphael, Frans [BE/BE]; Prins Boudewijnlaan 189, B-2650 Edegem (BE). BECKERS, Hubertus, Joseph [NL/BE]; Bollostraat 6, B-3140 Keerbergen (BE). VAN DRIESSCHE, Eddy, Theophile, Andrea [BE/BE]; Krekelmuit 8, B-9900 Eeklo (BE). MARTENS, Luc, M., R. [BE/BE]; Rooststraat 18, B-1860 Meise (BE). MATHYS, Georges, M., K. [BE/BE]; Eikenboomlaan 66, B-3360 Bierbeek (BE). SHUTT, John, Richard [GB/BE]; Eikestraat 111, B-3080 Tervuren (BE).
- (74) DEW, Melvyn, John; ExxonMobil Chemical Europe Inc., P.O. Box 105, B-1830 Machelen (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07C 51/00, 53/02, C07B 61/00  
(11) WO 2005/028408 (13) A1  
(21) PCT/JP2004/013245  
(22) 10 Sep/sep 2004 (10.09.2004)  
(25) ja (26) ja  
(30) 2003-324538 17 Sep/sep 2003 JP (17.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESS FOR REDUCTION OF CARBON DIOXIDE WITH ORGANOMETALLIC COMPLEX  
• PROCEDE DE REDUCTION DE DIOXYDE DE CARBONE AVEC UN COMPLEXE ORGANOMETALLIQUE
- (71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama, 3320012 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OGO, Seiji/FUKUZUMI, Shunichi
- (74) HARA, Kenzo; HARAKENZO WORLD PATENT & TRADEMARK PATENT LAW FIRM, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka, 5300041 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07C 51/235  
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(21) PCT/KR2004/002395  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) en (26) en  
(30) 10-2003-0065029 19 Sep/sep 2003 KR (19.09.2003)  
(30) 10-2004-0001842 10 Jan/jan 2004 KR (10.01.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ALPHA-HYDROXY-BENZENEACETIC ACID DERIVATIVES, AND COMPOUNDS HAVING TWO 5-MEMBERED LACTONE RINGS FUSED TO CENTRAL CYCLOHEXA-1,4-DIENE NUCLEUS BASED UPON THE SAME, AND USES OF THE COMPOUNDS  
• DERIVES D'ACIDE ALPHA-HYDROXY-BENZENEACETIQUE ET COMPOSES A BASE DE CEUX-CI COMPRENANT DEUX CYCLES LACTONE A 5 ELEMENTS FUSIONNES A UN NOYAU CYCLOHEXA-1,4-DIENE CENTRAL, ET UTILISATION DESDITS COMPOSES
- (71) KYUNG-IN SYNTHETIC CORPORATION [KR/KR]; 112-31, Yeomchang-dong, Kangseo-ku, Seoul 157-860 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HAN, Man-joon [KR/KR]; 103-1405, Yangcheon Apt., Sinjeong 7-dong, Yangcheon-gu, Seoul 158-775 (KR). PARK, Soon-hyun [KR/KR]; 345-206, Hyundai Apt., 886-1, Jeongja 2-dong, Jangan-gu, Suwon-Si, Gyeonggi-do 440-842 (KR). KIM, Jwung-rhok [KR/KR]; 135-11, Ji-dong, Paldal-gu, Suwon-Si, Gyeonggi-do 442-836 (KR). LAUK, Urs [CH/CH]; Alfred Strebelweg 15, CH-8047 Zurich (CH).
- (74) SOHN, Chang Kyu; 4F., Halla Bldg., 641-17, Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07C 51/38, 53/08, 253/30, 255/03, C07D 309/08 // C07B 61/00, B01J 23/06, 23/745, 27/128, 27/138, 25/02, 31/22  
(11) WO 2005/028410 (13) A1  
(21) PCT/JP2004/013626  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) ja (26) ja  
(30) 2003-328515 19 Sep/sep 2003 JP (19.09.2003)  
(30) 2003-328516 19 Sep/sep 2003 JP (19.09.2003)  
(30) 2004-120502 15 Apr/avr 2004 JP (15.04.2004)  
(30) 2004-143637 13 May/mai 2004 JP (13.05.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR PRODUCING NITRILE COMPOUND, CARBOXYLIC ACID COMPOUND OR CARBOXYLATE COMPOUND  
• PROCEDE DESTINE A PRODUIRE UN COMPOSE NITRILE, UN COMPOSE D'ACIDE CARBOXYLIQUE OU UN COMPOSE CARBOXYLATE
- (71) UBE INDUSTRIES, LTD. [JP/JP]; 1978-96, Oaza Kogushi, Ube-shi, Yamaguchi, 7558633 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) NISHINO, Shigeyoshi/HIROTSU, Kenji/SHIMA, Hidetaki/WAMOTO, Keiji/HARADA, Takashi
- (74) TSUKUNI, Hajime; SVAX TS Bldg., 22-12, Toranomom 1-chome, Minato-ku, Boko, 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07C 57/00, A01N 37/00  
(11) WO 2005/028411 (13) A1  
(21) PCT/US2003/026424  
(22) 25 Aug/août 2003 (25.08.2003)  
(25) en (26) en  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • BIPOLAR TRANS CAROTENOID SALTS AND THEIR USES  
• SELS DE CAROTENOIDES TRANS BIPOLAIRES ET LEURS UTILISATIONS
- (71) DIFFUSION PHARMACEUTICALS LLC [US/US]; 999Grove Street, Suite 203, Charlottesville, VA 22902 (US).



(72) **GAINER, John, L.**; 125 Cameron Lane, Charlottesville, VA 22903 (US). **GRABIAK, Raymond, C.**; 2016 Rule Avenue, Maryland Heights, MO 63403 (US).

(74) **BYERS, Duane, M.**; Nixon & Vanderhyc P.C., Suite 800, 1100 North Glebe Road, Arlington, VA 22201-4714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07C 66/02

(11) WO 2005/028412 (13) A1

(21) PCT/MX2004/000058

(22) 6 Aug/août 2004 (06.08.2004)

(25) es (26) es

(30) PA/a/2003/008622 23 Sep/sep 2003 MX (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR THE PURIFICATION OF CRUDE DIACEREIN BY MEANS OF TOLUENE

• PROCEDE DE PURIFICATION DE DIACEREINE BRUTE AU MOYEN DE TOLUENE

(71) **INTERQUIM, S.A. DE C.V.** [MX/MX]; Antonio Lavoisier #22, Fraccionamiento Industrial Cuamantla, Cuautitlán, Izcalli, C.P. 54730, Estado de México (MX).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CASAZZA FANCHINI, Umberto, Bruno** [IT/MX]; Calle Roma #241, Colonia Jardines de Bellavista, C.P. 54054, Tlanepantla, Estado de México (MX).

(74) **GARCÍA LADRÓN DE GUEVARA, Miguel, Angel et al.** / etc.; Montecito 38, Piso 10, Oficinas 7, 29 y 30, Col. N, ápoles, C.P. 03810, México, D.F. (MX).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07C 67/347, 69/757, C07D 263/12, C07B 53/00, 61/00, B01J 31/22 // C07M 7:00

(11) WO 2005/028413 (13) A1

(21) PCT/JP2004/014031

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-327712 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS FOR PRODUCING OPTICALLY ACTIVE CYCLOPROPANE COMPOUND AND ASYMMETRIC COPPER COMPLEX FOR USE IN THE SAME

• PROCEDE DE PRODUCTION D'UN COMPOSE DE CYCLOPROPANE ACTIF OPTIQUEMENT ET COMPLEXE DE CUIVRE ASYMETRIQUE ASSOCIE

(71) **SUMITOMO CHEMICAL COMPANY, LIMITED** [JP/JP]; 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-8260 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ITAGAKI, Makoto** [JP/JP]; 1-16-3, Aoyama, Katano-shi, Osaka, 5760066 (JP). **MASUMOTO, Katsuhisa** [JP/JP]; 2-21-2, Sawaragihama, Ibaraki-shi, Osaka, 5670864 (JP). **MINAMIDA, Ryo** [JP/JP]; 1-34-1-601, Morikita, Katano-shi, Osaka, 5760036 (JP).

(74) **ENOMOTO, Masayuki et al.** / etc.; c/o Sumitomo Chemical Intellectual, Property Service, Limited., 5-33, Kitahama 4-chome., Chuo-ku, Osaka-shi, Osaka, 5418550 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07C 68/00

(11) WO 2005/028414 (13) A1

(21) PCT/EP2004/007911

(22) 16 Jul/juil 2004 (16.07.2004)

(25) de (26) de

(30) 103 41 953.5 11 Sep/sep 2003 DE (11.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR THE PRODUCTION OF ORGANIC CARBONATES

• PROCEDE DE PRODUCTION DE CARBONATES ORGANIQUES

(71) **LURGI AG** [DE/DE]; Lurgiallee 5, 60295 Frankfurt am Main (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUCHOLD, Henning** [DE/DE]; Erzbergerstrasse 3, 63452 Hanau (DE). **EBERHARDT, Jürgen** [DE/DE]; Münchner Strasse 39, 63110 Rodgau (DE). **WAGNER, Ulrich** [DE/DE]; Körnerwiese 4, 60322 Frankfurt am Main (DE). **WÖLK, Hans-Jürgen** [DE/DE]; Hansaallee 29, 60322 Frankfurt am Main (DE).

(74) **MEYER-DULHEUER, Karl-Hermann**; Metzlerstrasse 27, 60594 Frankfurt am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07C 68/06, 68/00

(11) WO 2005/028415 (13) A1

(21) PCT/EP2004/007913

(22) 16 Jul/juil 2004 (16.07.2004)

(25) de (26) de

(30) 103 41 951.9 11 Sep/sep 2003 DE (11.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR THE PRODUCTION OF ORGANIC CARBONATES

• PROCEDE DE PRODUCTION DE CARBONATES ORGANIQUES

(71) **LURGI AG** [DE/DE]; Lurgiallee 5, 60295 Frankfurt am Main (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUCHOLD, Henning** [DE/DE]; Erzbergerstrasse 3, 63452 Hanau (DE). **EBERHARDT, Jürgen** [DE/DE]; Münchner Strasse 39, 63110 Rodgau (DE). **WAGNER, Ulrich** [DE/DE]; Körnerwiese 4, 60322 Frankfurt am Main (DE). **WÖLK, Hans-Jürgen** [DE/DE]; Hansaallee 29, 60322 Frankfurt am Main (DE).

(74) **MEYER-DULHEUER, Karl-Hermann**; Metzlerstrasse 27, 60594 Frankfurt am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

- DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- (51)<sup>7</sup> C07C 209/00
- (11) WO 2005/028416 (13) A2
- (21) PCT/EP2004/010765
- (22) 24 Sep/sep 2004 (24.09.2004)
- (25) de (26) de
- (30) 103 44 283.9 24 Sep/sep 2003 DE  
(24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR CONTROLLING THE REACTOR ADMISSION TEMPERATURE DURING THE PRODUCTION OF METHYLAMINE
- PROCEDE POUR REGULER LA TEMPERATURE D'ENTREE DE REACTEUR DANS LE CADRE DE LA PREPARATION DE METHYLAMINE
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) REUTEMANN, Werner [DE/DE]; Vom-Stein-Str. 2c, 67240 Bobenheim-Roxheim (DE). WAMBSGANB, Rolf [DE/DE]; Buchenlandstr. 14, 76829 Landau (DE). POPLOW, Frank [DE/DE]; Wasgaustr. 34, 67065 Ludwigshafen (DE). WEBER, Theodor [DE/DE]; Virchowstr. 20, 67063 Ludwigshafen (DE). ROB, Karl-Heinz [DE/DE]; Am Bildstock 2, 67269 Grünstadt (DE). JULIUS, Manfred [DE/DE]; Albert-Einstein-Allee 13a, 67117 Limburgerhof (DE).
- (74) SCHUCK, Alexander; Isenbruck Bösl Hörschler Wichmann Huhn Patentanwälte, Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C07C 209/48, 209/42, 209/82, 211/12, 255/03
- (11) WO 2005/028418 (13) A1
- (21) PCT/US2004/030257
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 10/663,479 15 Sep/sep 2003 US  
(15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESS FOR PRODUCING HEXAMETHYLENEDIAMINE AND AMINOCAPRONITRILE FROM ADIPONITRILE, WHEREIN THE HEXAMETHYLENEDIAMINE CONTAINS LESS THAN 200 PPM TETRAHYDROAZEPINE
- PROCEDE DE PRODUCTION D'HEXAMETHYLENEDIAMINE ET D'AMINOCAPRONITRILE A PARTIR D'ADIPONITRILE, DANS LEQUEL L'HEXAMETHYLENEDIAMINE CONTIENT MOINS DE 200 PPM DE TETRAHYDROAZEPINE
- (71) INVISTA NORTH AMERICAL S.A R.L. [LU/US]; 4417 Lancaster Pike, CRP 722/1032, Wilmington, Delaware 19805 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALLGEIER, Alan, M. [US/US]; 1407 North Grant Avenue, Wilmington, DE 19806 (US). OSTERMAIER, John, J. [US/US]; 2807 Country Club Drive, Orange, TX 88630 (US).
- (74) KRUKIEL, Charles, E.; 4417 Lancaster Pike, CRP 722/1032, Wilmington, DE 19805 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C07C 209/48, 211/27
- (11) WO 2005/028417 (13) A1
- (21) PCT/EP2004/009568
- (22) 27 Aug/août 2004 (27.08.2004)
- (25) de (26) de
- (30) 103 41 613.7 10 Sep/sep 2003 DE  
(10.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR PRODUCING XYLYLENDIAMINE (XDA)
- PROCÉDÉ DE PRODUCTION DE XYLYLÈNEDIAMINE (XDA)
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUGO, Randolf [DE/DE]; Martin-Luther-Str. 7, 67246 Dirmstein (DE). JOURDAN, Sabine [DE/DE]; Meerwiesenstrasse 25, 68163 Mannheim (DE). WENZ, Kirsten [DE/DE]; S 6, 29, 68161 Mannheim (DE). PREISS, Thomas [DE/DE]; Schlagweg 18, 67256 Weisenheim (DE). WECK, Alexander [DE/DE]; Buttstädter Strasse 9, 67251 Freinsheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07C 227/00
- (11) WO 2005/028419 (13) A2
- (21) PCT/JP2004/014048
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 2003-326939 18 Sep/sep 2003 JP  
(18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESS FOR PRODUCING AMINO ACID DERIVATIVES
- PROCEDE DE PRODUCTION DE DERIVES D'ACIDES AMINES
- (71) TAKASAGO INTERNATIONAL CORPORATION [JP/JP]; 37-1, Kamata 5-chome, Ohta-ku, Tokyo, 1448721 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MATSUMURA, Kazuhiko [JP/JP]; c/o TAKASAGO INTERNATIONAL CORPORATION, Central Research Laboratory, 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa, 2540073 (JP). SAITO, Takao [JP/JP]; c/o TAKASAGO INTERNATIONAL CORPORATION, Central Research Laboratory, 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa, 2540073 (JP).
- (74) IWATANI, Ryo; Sakurabashi Chiyoda Bldg. 5F, 1-27, Dojima 2-chome, Kita-ku, Osaka-shi, Osaka, 530-0003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> C07C 231/02, 233/47

(11) WO 2005/028420 (13) A1

(21) PCT/EP2004/009248

(22) 18 Aug/août 2004 (18.08.2004)

(25) de (26) de

(30) 103 42 261.7 11 Sep/sep 2003 DE  
(11.09.2003)

(30) 103 53 116.5 12 Nov/nov 2003 DE  
(12.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PRODUCTION OF N-ACYL COM-  
POUNDS  
• FABRICATION DE COMPOSES  
N-ACYLE

(71) SOLVAY FLUOR UND DERIVATE  
GMBH [DE/DE]; Hans-Böckler-Allee 20,  
30173 Hannover (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BRAUN, Max [DE/DE]; Varloh 8,  
30900 Wedemark (DE). EICHER, Jo-  
hannes [DE/DE]; Im Bosenkamp 24a, 31319  
Schnde-Ilten (DE). BRAUKMÜLLER,  
Saskia [DE/DE]; Am Klärwerk 1, 31157  
Sarstedt (DE).

(74) FISCHER, Reiner; Solvay Fluor und  
Derivate GmbH & Co. KG, Hans-Böck-  
ler-Allee 20, 30173 Hannover (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SE SI SK TR) OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG)

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07C 233/43, 233/25, C07D 215/56,  
215/54

(11) WO 2005/028421 (13) A2

(21) PCT/US2004/030219

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,106 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS FOR THE SYNTHESIS OF  
6-AMINO-4-(3-CHLORO-4-FLUORO-  
PHENYLAMINO)-7-ETHOXY-QUINO-  
LINE-3-CARBONITRILE  
• PROCEDE DE SYNTHESE DE  
6-AMINO-4-(3-CHLORO-4-FLUORO-  
PHENYLAMINO)-7-ETHOXY-QUINO-  
LINE-3-CARBONITRILE

(71) WYETH A Corporaton of the State of  
Delaware [US/US]; Five Giralda Farms,  
Madison, NJ 07940 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) DAIGNEAULT, Sylvain [CA/CA]; 201  
des Peupliers, Laval-sur-le-Lac, Canada H7R  
1G6 (CA). MICHALAK, Ronald, Stan-  
ley [US/US]; 28 Corners Road, Congers,  
NY 10920 (US). BERNATCHEZ, Michel  
[CA/CA]; 3990 Boul. Gouin-Est, Montreal  
H1H 1C6 (CA).

(74) GOUDIE, Joy, S. et al. / etc.; Wyeth, Patent  
Law Department, Five Giralda Farms, Madi-  
son, NJ 07940 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(t) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> C07C 237/04, A61K 31/167, A61P 7/04

(11) WO 2005/028422 (13) A1

(21) PCT/EP2004/010358

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) MI2003A 001790 19 Sep/sep 2003 IT  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ABIOTIC HEPARIN ANTAGONISTS  
• ANTAGONISTES ABIOTIQUES DE  
L'HEPARINE

(71) CONSIGLIO NAZIONALE DELLE  
RICERCHE [IT/IT]; Piazzale Aldo Moro,  
7, I-00185 Rome (IT).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) CUNSOLO, Francesca [IT/IT]; Istituto  
di Chimica Biomolecolare, Sezione di Cata-  
nia, Via del Santuario, 110, I-95028 Valverde  
(IT). CONSOLI, Grazia, Maria, Letizia  
[IT/IT]; Istituto di Chimica Biomolecolare,  
Sezione di Catania, Via del Santuario, 110,  
I-95028 Valverde (IT). GERACI, Corrada  
[IT/IT]; Istituto di Chimica Biomolecolare,  
Sezione di Catania, Via del Santuario, 110,  
I-95028 Valverde (IT). MECCA, Tommaso  
[IT/IT]; Istituto di Chimica Biomolecolare,  
Sezione di Catania, Via del Santuario, 110,  
I-95028 Valverde (IT).

(74) MINOJA, Fabrizio et al. / etc.; Bianchetti  
Bracco Minoja S.r.l., Via Plinio, 63, I-20129  
Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07C 237/20, 247/08, 247/12, C08G  
18/83, C09J 175/04

(11) WO 2005/028423 (13) A2

(21) PCT/GB2004/004059

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 0322173.6 23 Sep/sep 2003 GB  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SURFACE FUNCTIONALISED ADHE-  
SION  
• ADHERENCE FONCTIONNALISEE EN  
SURFACE

(71) THE SECRETARY OF STATE FOR DE-  
FENCE [GB/GB]; Whitehall, London SW1A  
2HB (GB).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) D'SILVA, Claudius, Jude, Simplicius,  
Jose [GB/GB]; Manchester Metropolitan  
University, Dept. of Chemistry and Mate-  
rials, John Dalton Building, Chester Street,  
Manchester M1 5GD (GB). FOTEA, Catlin  
[RO/GB]; Department of Chemistry, The  
University of Hull, Hull HU6 7RX (GB).

(74) BECKHAM, Robert, William; D/IPR  
Formalities Section, Poplar 2, MOD Abbey  
Wood #2218, Bristol BS34 8JH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG

- MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> C07C 245/18, C12Q 1/37, 1/02, G01N  
33/60, 33/573, C07F 13/00
- (11) WO 2005/028424 (13) A1
- (21) PCT/CA2004/001693
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/505,244 23 Sep/sep 2003 US  
(23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • WHOLE CELL ASSAY INVOLVING  
CATHEPSIN S  
• DOSAGE DE CELLULE ENTIERE AS-  
SOCIE A LA CATHEPSINE S
- (71) MERCK FROSST CANADA & CO.  
[CA/CA]; 16711 Trans-Canada Highway,  
Kirkland, Québec H9H 3L1 (CA).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) FALGUEYRET, Jean-Pierre [CA/CA];  
16711 Trans-Canada Highway, Kirk-  
land, Québec H9H 3L1 (CA). MELLON,  
Christophe [CA/CA]; 16711 Trans-Canada  
Highway, Kirkland, Québec H9H 3L1 (CA).
- (74) OGILVY RENAULT; Suite 1600, 1981  
McGill College Avenue, Montreal, Québec  
H3A 2Y3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> C07C 257/00
- (11) WO 2005/028425 (13) A2
- (21) PCT/EP2004/052201
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 03103557.9 25 Sep/sep 2003 EP  
(25.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • AMIDINES AND DERIVATIVES  
THEREOF AND PHARMACEUTICAL  
COMPOSITIONS CONTAINING THEM

- AMIDINES ET LEURS DERIVES  
ET PREPARATIONS PHARMACEU-  
TIQUES LES CONTENANT
- (71) DOMPÉ S.P.A. [—/IT]; Via Campo di Pile,  
I-67100 L'Aquila (IT).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) ALLEGRETTI, Marcello [IT/IT];  
Dompé S.p.A., Via Campo di Pile, I-67100  
L'Aquila (IT). CESTA, Maria, Candida  
[IT/IT]; Dompé S.p.A., Via Campo di Pile,  
I-67100 L'Aquila (IT). NANO, Giuseppe  
[IT/IT]; Dompé S.p.A., Via Campo di Pile,  
I-67100 L'Aquila (IT). BERTINI, Ric-  
cardo [IT/IT]; Dompé S.p.A., Via Campo  
di Pile, I-67100 L'Aquila (IT). BIZZARRI,  
Cinzia [IT/IT]; Dompé S.p.A., Via Campo  
di Pile, I-67100 L'Aquila (IT). COLOTTA,  
Francesco [IT/IT]; Dompé S.p.A., Via  
Campo di Pile, I-67100 L'Aquila (IT).
- (74) PIERACCIOLI, Daniele; Dompé S.p.A.,  
Intellectual Property, Via San Martino, 12,  
I-20100 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)
- (t) for the following designation / pour la  
désignation suivante : US; (t) for the following  
designation / pour la désignation suivante :  
US; (t) for the following designation / pour la  
désignation suivante : US; (t) for the following  
designation / pour la désignation suivante :  
US; (t) for the following designation / pour la  
désignation suivante : US; (t) for the following  
designation / pour la désignation suivante : US  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> C07C 259/10, 229/58, 251/48, 311/04,  
317/18, 323/12, C07D 207/08, 207/26,  
211/46, 213/30, 233/34, 233/64, 295/08,  
C07F 7/18, A61K 31/166, 45/00, A61P  
1/00, 1/16, 1/18, 3/10, 9/00, 9/04, 9/08, 9/10,  
11/00, 11/06, 13/08, 15/00, 17/06, 19/02,  
19/04, 25/28, 29/00, 31/04, 31/12, 31/18,  
35/00, 37/00, 37/06, 43/00
- (11) WO 2005/028426 (13) A1
- (21) PCT/JP2004/013501

- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) ja (26) ja
- (30) 2003-329181 19 Sep/sep 2003 JP  
(19.09.2003)
- (30) 2003-424668 22 Dec/déc 2003 JP  
(22.12.2003)
- (30) 2004-234332 11 Aug/août 2004 JP  
(11.08.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NOVEL 4-PHENYLAMINO-BENZAL-  
DOXIME DERIVATIVE AND USE  
THEREOF AS MEK INHIBITOR  
• NOUVEAU DERIVE DE 4-PHENYLA-  
MINO-BENZALDOXIME ET SON UTI-  
LISATION EN TANT QU'INHIBITEUR  
DE MEK
- (71) CHUGAI SEIYAKU KABUSHIKI  
KAISHA [JP/JP]; 5-1, Ukima 5-chome,  
Kita-ku, Tokyo, 1158543 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) ISSHIKI, Yoshiaki [JP/JP]; c/o  
CHUGAI SEIYAKU KABUSHIKI  
KAISHA, 200, Kajiwara, Kamakura-shi,  
Kanagawa, 2478530 (JP). KOHCHI, Ya-  
sunori [JP/JP]; c/o CHUGAI SEIYAKU  
KABUSHIKI KAISHA, 200, Kajiwara,  
Kamakura-shi, Kanagawa, 2478530 (JP).  
HATTORI, Kazuo [JP/JP]; c/o CHUGAI  
SEIYAKU KABUSHIKI KAISHA, 200,  
Kajiwara, Kamakura-shi, Kanagawa,  
2478530 (JP). SHIMMA, Nobuo [JP/JP];  
c/o CHUGAI SEIYAKU KABUSHIKI  
KAISHA, 200, Kajiwara, Kamakura-shi,  
Kanagawa, 2478530 (JP). MIWA,  
Masanori [JP/JP]; c/o CHUGAI SEIYAKU  
KABUSHIKI KAISHA, 200, Kajiwara,  
Kamakura-shi, Kanagawa, 2478530 (JP).  
INAGAKI, Naohito [JP/JP]; c/o CHUGAI  
SEIYAKU KABUSHIKI KAISHA, 200, Ka-  
jiwara, Kamakura-shi, Kanagawa, 2478530  
(JP). IIKURA, Hitoshi [JP/JP]; c/o CHUGAI  
SEIYAKU KABUSHIKI KAISHA, 200, Ka-  
jiwara, Kamakura-shi Kanagawa, 2478530  
(JP). MATSUBARA, Yasuaki [JP/JP];  
c/o CHUGAI SEIYAKU KABUSHIKI  
KAISHA, 200, Kajiwara, Kamakura-shi,  
Kanagawa, 2478530 (JP).
- (74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu  
Tsukuba Bldg. 6F, 1-1-1, Otoshi-machi,  
Tsuchiura-shi, Ibaraki 3000847 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- Published / Publiée : (a)
- 
- (51)<sup>7</sup> C07C 311/20, 271/24, C07D 239/42,  
403/12, A61P 9/10, A61K 31/18, 31/325
- (11) WO 2005/028427 (13) A1
- (21) PCT/EP2004/010197

- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 03021128.8 22 Sep/sep 2003 EP  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • AMINOALKYLAMIDE SUBSTITUTED CYCLOHEXYL DERIVATIVES  
• DERIVES DE CYCLOHEXYL SUBSTITUES PAR AMINOALKYLAMIDE
- (71) F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ACKERMANN, Jean [CH/CH]; Im Gloggghlihof 16, CH-4125 Riehen (CH). AEBI, Johannes [CH/CH]; Wallstrasse 13, CH-4051 Basel (CH). DEHMLow, Henrietta [DE/DE]; Ritterstrasse 85, 79639 Grenzach-Wyhlen (DE). HIRTH, Georges [FR/FR]; 17, rue de la Fecht, F-68000 Colmar (FR). MAERKI, Hans-Peter [CH/CH]; Seltisbergerstrasse 75, CH-4059 Basel (CH). MORAND, Olivier [FR/CH]; Unterer Rheinweg 56, CH-4057 Basel (CH). PANDAY, Narendra [FR/CH]; Gueterstrasse 213, CH-4053 Basel (CH).
- (74) HEIROTH, Ulrike; Grenzacherstrasse 124, CH-4070 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> C07C 315/02, 327/28
- (11) WO 2005/028428 (13) A1
- (21) PCT/IB2004/003026
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 03292312.0 19 Sep/sep 2003 EP  
(19.09.2003)
- (30) 60/507,089 1 Oct/oct 2003 US  
(01.10.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESS FOR ENANTIOSELECTIVE SYNTHESIS OF SINGLE ENANTIOMERS OF MODAFINIL BY ASYMMETRIC OXIDATION  
• PROCEDE DE SYNTHÈSE ENANTIO-SELECTIVE D'ENANTIOMÈRES UNIQUES DE MODAFINIL PAR OXYDATION ASYMMÉTRIQUE
- (71) CEPHALON FRANCE [FR/FR]; 20 rue Charles Martigny, F-94704 Maisons-Alfort Cedex (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) REBIERE, François [FR/FR]; 105 rue du Colonel Fabien, F-92160 Antony (FR). DURET, Gérard [FR/FR]; 103 rue de Bellevue, F-92100 Boulogne (FR). PRAT, Laurence [FR/FR]; 54 rue du Poisson au Gué, F-13800 Istres (FR).
- (74) BERNASCONI, Jean et al. / etc.; Cabinet LAVOIX, 2, Place d'Estienne d'Orves, F-75441 Paris Cedex 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07C 317/00
- (11) WO 2005/028429 (13) A2
- (21) PCT/US2004/030442
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/504,680 18 Sep/sep 2003 US  
(18.09.2003)
- (30) 60/561,062 9 Apr/avr 2004 US  
(09.04.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HALOALKYL CONTAINING COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS  
• COMPOSES CONTENANT UN HALOALKYLE UTILISE COMME INHIBITEURS DE CYSTEINE PROTEASE
- (71) AXYS PHARMACEUTICALS, INC. [US/US]; 180 Kimball Way, So. San Francisco, CA 94080 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LINK, John O. [US/US]; 12 Prospect Avenue, San Francisco, CA 94110 (US). MOSSMAN, Craig J. [US/US]; 282 Warwick Drive, Campbell, California 98005 (US). WOO, Soon H. [CA/US]; 3150 Greer Road, Palo Alto, CA 94303 (US). ZIPFEL, Sheila M. [US/US]; 112 E. Middlefield Road, Unit B, Mountain View, CA 94043 (US).
- (74) BANSAL, Rekha et al. / etc.; CELERA, an Applera Business Corporation, 180 Kimball Way, So. San Francisco, CA 94080 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07C 319/20, 323/20
- (11) WO 2005/028430 (13) A1
- (21) PCT/IB2004/002989
- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) en (26) en
- (30) 0322150.4 22 Sep/sep 2003 GB  
(22.09.2003)
- (30) 0413229.6 14 Jun/juin 2004 GB  
(14.06.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NEW PROCESS FOR THE PREPARATION OF A DIPHENYL ETHER COMPOUND  
• NOUVEAU PROCEDE POUR LA PREPARATION D'UN COMPOSE DE DIPHENYLETHER
- (71) PFIZER LIMITED [GB/GB]; Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).  
*(only for / seulement pour GB)*
- (71) PFIZER INC. [US/US]; 235 East 42nd Street, New York, NY 10017 (US).  
*(for all designated States except / pour tous les États désignés sauf GB US)*
- (72, 75) ASHCROFT, Christopher, Paul [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). CRYNE, Lynsey, Charlotte [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). GLADWELL, Lain, Robert [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). HARRIS, Laurence, James [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). HUGHES, Michael, Leslie [GB/GB]; Pfizer Global Research and Development, European Pharma Patent, Department, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). KLOTZ, Juergen, Thomas [DE/CH]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (CH). LEVETT, Philip, Charles [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). MORLAND, Matthew, Charles [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). THOMSON, Nicholas, Murray [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (74) WOOD, David, J.; Pfizer Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

- CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- (51)<sup>7</sup> C07C 335/08
- (11) WO 2005/028431 (13) A1
- (21) PCT/RO2004/000016
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) a2003-00779 22 Sep/sep 2003 RO  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESS FOR THE PURIFICATION OF 1,4-BENZOQUINONE GUANYLHYDRAZONE THIOSEMICARBAZONE (AMBAZONE)
- PROCEDE DE PURIFICATION DE 1,4-BENZOQUINONE GUANYLHYDRAZONE THIOSEMICARBAZONE (AMBAZONE)
- (71) S.C. TERAPIA S.A. [RO/RO]; Fabricii Street 124, R-3400 Cluj-Napoca, Cluj County (RO).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TEREK, Lazar [RO/RO]; Papiu Ilarian Street 3, R-Gherla, Cluj County (RO). BORA, Gheorghe [RO/RO]; Vidraru Street 5-7, ap. 115, R-Cluj-Napoca, Cluj County (RO). COLCERIU, Veturia [RO/RO]; Sep-timiu Albini Street 77, R-Cluj-Napoca, Cluj County (RO). CORMOS, Calin [RO/RO]; Ion Mester Street 6, bl.J, ap. 38, R-Cluj-Napoca, Cluj County (RO). COTORA, Eleonora [RO/RO]; Tasnad Street 3, bl.P2, ap. 18, R-Cluj-Napoca, Cluj County (RO). LENTA, Lucia [RO/RO]; Muscel Alley 3, bl.7, ap. 6, R-Cluj-Napoca, Cluj County (RO). MOGA, Mihai [RO/RO]; Stefan Mora Street 10, bl.L20, ap. 6, R-Cluj-Napoca, Cluj County (RO). MURESANU, Horatiu [RO/RO]; Donath Street 115, bl.O2, ap. 26, R-Cluj-Napoca, Cluj County (RO). RACOLTA, Marius [RO/RO]; Stefan Cicio Pop Street 8, R-Dej, Cluj County (RO).
- (74) ROMINVENT S.A.; Ermil Pangratti Street 35, Sector 1, R-Bucharest (RO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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## Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

- (51)<sup>7</sup> C07C 381/00, 233/00, C08G 69/44, 73/06
- (11) WO 2005/028432 (13) A1
- (21) PCT/US2004/029384
- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) en (26) en
- (30) 60/502,800 12 Sep/sep 2003 US  
(12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HYPERBRANCHED (PAMAM) POLYMERS VIA A ONE POT PROCESS
- POLYMERES HYPERRAMIFIES (PAMAM) OBTENUS PAR UN PROCEDE EN RECIPIENT UNIQUE
- (71) DENDRITIC NANOTECHNOLOGIES, INC. [US/US]; 2625 Dension Drive Suite B, Mt. Pleasant, MI 48858 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TOMALIA, Donald, A. [US/US]; 463 West Chippewa Road, Midland, MI 48640 (US). SWANSON, Douglas, R. [US/US]; 2915 Billbrael, Mt. Pleasant, MI 48858 (US).
- (74) KIMBLE, Karen; Technology Law, PLLC, 3595 North Sunset Way, Sanford, MI 48657 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (r) for all designations / pour toutes les désignations
- (s) for all designations / pour toutes les désignations
- (t) for all designations / pour toutes les désignations
- (u) for / pour US only / seulement

(51)<sup>7</sup> C07D

- (11) WO 2005/028433 (13) A2
- (21) PCT/US2004/029967
- (22) 14 Sep/sep 2004 (14.09.2004)
- (25) en (26) en
- (30) 60/503,046 15 Sep/sep 2003 US  
(15.09.2003)

- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CRIPTO ANTAGONISM OF ACTIVIN AND TGF- $\beta$  SIGNALING
- ANTAGONISME DE CRIPTO AVEC ACTIVINE AINSI QU'AVEC LA SIGNALISATION TGF-B
- (71) RESEARCH DEVELOPMENT FOUNDATION [US/US]; 402 North Division Street, Carson City, NV 89703 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) VALE, Wylie [US/US]; 1645 Valdes Drive, La Jolla, CA 92037 (US). GRAY, Peter, C. [US/US]; 2069 Haller Street, San Diego, CA 92104 (US). HARRISON, Craig, Adam [AU/US]; 402 Arbor Drive, San Diego, CA 92103 (US).
- (74) PARKER, David, L.; Fulbright & Jaworski, L.L.P., 600 Congress Avenue, Suite 2400, Austin, TX 78701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C07D
- (11) WO 2005/028434 (13) A2
- (21) PCT/US2004/031248
- (22) 20 Sep/sep 2004 (20.09.2004)
- (25) en (26) en
- (30) 60/504,135 18 Sep/sep 2003 US  
(18.09.2003)
- (30) 60/591,467 26 Jul/juil 2004 US  
(26.07.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NOVEL HETEROCYCLIC COMPOUNDS AS HSP90-INHIBITORS
- NOUVEAUX COMPOSES HETEROCYCLIQUES UTILISES EN TANT QU'INHIBITEURS DE LA PROTEINE HSP90
- (71) CONFORMA THERAPEUTICS CORPORATION [US/US]; 9393 Towne Centre Drive, Suite 240, San Diego, CA 92121 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KASIBHATLA, Srinivas R. [US/US]; 13073 Dressage Lane, San Diego, California 92130 (US). BOEHM, Marcus F. [US/US]; 2811 Maple Street, San Diego, California 92104 (US). HONG, Kevin D. [US/US]; 5734 Redwood Street, San Diego, California 92105 (US). BIAMONTE, Marco A. [US/US]; 11128 Portobelo Drive, San Diego, California 92124 (US). SHI, Jiandong [CN/US]; 7556 Charmant Drive Apt. #

- 1724, San Diego, California 92122 (US). LE BRAZIDE, Jean-Yves [FR/US]; 10170 Waterridge Circle # 142, San Diego, California 92121 (US). ZHANG, Lin [US/US]; 12455 Brickellia Steet, San Diego, California 92129 (US). HURST, David [US/US]; 8082 Rancho Fanita Drive, Santee, California 92071 (US).
- (74) SMITH?, C. Amy?; PAUL, HASTINGS, JANOFSKY & WALKER LLP, P.O.Box 919092, San Diego, California 92191-9092 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 207/26
- (11) WO 2005/028435 (13) A1
- (21) PCT/EP2004/010212
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 03021534.7 24 Sep/sep 2003 EP (24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESS FOR PREPARING 2-OXO-1-PYRROLIDINE DERIVATIVES
- METHODE DE PREPARATION DE DERIVES DE 2-OXO-1-PYRROLIDINE
- (71) UCB, S.A. [BE/BE]; Allée de la Recherche 60, B-1070 Brussels (BE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SURTEES, John [GB/BE]; Keizerlaan, 7, B-3090 Jezus-Eik-Overijse (BE). LURQUIN, Françoise [BE/BE]; Rue Froide Bise, 38, B-1495 Villers-la-Ville (BE). DIOUF, Ousmane [FR/BE]; 33, rue de l'Abbé Gilleron, F-59148 Flines Lez Raches (BE).
- (74) LECHIEN, Monique; UCB, S.A., Allée de la Recherche 60, B-1070 Bruxelles (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (u) for / pour US only / seulement
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- (51)<sup>7</sup> C07D 209/14, 209/12
- (11) WO 2005/028437 (13) A1
- (21) PCT/GB2004/003947
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 0322559.6 18 Sep/sep 2003 GB (18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESS FOR THE PREPARATION OF SECONDARY AMINOALCOHOLS
- PROCEDE DE PREPARATION D'AMINOALCOOLS SECONDAIRES
- (51)<sup>7</sup> C07D 209/00
- (11) WO 2005/028436 (13) A2
- (21) PCT/US2004/030506
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/504.724 17 Sep/sep 2003 US (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • THALIDOMIDE ANALOGS
- ANALOGUES DU THALIDOMIDE
- (71) THE GOVERNMENT OF UNITED STATES OF AMERICA, as represented by THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; National Institutes of Health, Office of Technology Transfer, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852-3804 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GREIG, Nigel, H. [US/US]; 11 Anne Brent Garth, Phoenix, MD 21131 (US). HOLLOWAY, Harold [US/US]; 121 Mariners Point Drive, Middle River, MD 21220 (US). BROSSI, Arnold [US/US]; 4877 Battery Lane, Apt. 1014, Bethesda, MD 20814 (US). ZHU, Xiaoxiang [CN/US]; 33 Palmetto Way, North Brunswick, NJ 08902 (US). GIORDANO, Tony [US/US]; 12341 Ellerbe Road, Shreveport, LA 71115 (US). YU, Qian-sheng [CN/US]; 116 Ridgefield Road, Lutherville, MD 21093 (US). FIGG, William, D. [US/US]; 10451 Breckinridge Lane, Fairfax, VA 22030 (US).
- (74) REHMS, Aden, A.; Klarquist Sparkman, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (71) AVECIA LIMITED [GB/GB]; Hexagon House, Blackley, Manchester M9 8ZS (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BLACKER, Andrew, John [GB/GB]; P.O. Box 521, Leeds Road, Huddersfield, West Yorkshire HD2 1GA (GB). MARTIN, Juliette [GB/FR]; 40 Rue De La Bretonniere, F-50110 Tourlaville (FR). HOWARTH, Michael, Scott [GB/GB]; The Vicarage, Dearden Street, Littleborough, Lancashire OL15 9DZ (GB).
- (74) GAIRNS, Raymond, Stevenson et al. / etc.; Avecia Limited, Intellectual Property Group, PO Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 211/58, 401/06, 401/14, 401/02, 401/12, 409/12, A61K 31/4545, 31/496, 31/454, 31/4523, 31/4535, 31/506, A61P 43/00, 3/04, 3/10, 5/00, 3/06, 19/06, 9/10, 9/04, 9/12, 13/12, 25/20, 25/24, 25/22, 25/08, 25/18, 25/28, 25/16, 25/02, 25/32, 25/36
- (11) WO 2005/028438 (13) A1
- (21) PCT/JP2004/013768
- (22) 21 Sep/sep 2004 (21.09.2004)
- (25) ja (26) ja
- (30) 2003-330758 22 Sep/sep 2003 JP (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NOVEL PIPERIDINE DERIVATIVE
- NOUVEAU DERIVE DE PIPERIDINE
- (71) BANYU PHARMACEUTICAL CO., LTD. [JP/JP]; 2-3, Nihombashi-Honcho 2-chome, Chuo-ku, Tokyo 1038416 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OHTAKE, Norikazu [JP/JP]; c/o Tsukuba Research Institute of BANYU PHARMACEUTICAL CO., LTD., 3 Okubo, Tsukuba-shi, Ibaraki 3002611 (JP). MIZUTANI, Sayaka [JP/JP]; c/o Tsukuba Research Institute of BANYU PHARMACEUTICAL CO., LTD., 3 Okubo, Tsukuba-shi, Ibaraki 3002611 (JP). YOSHIMOTO, Ryo [JP/JP]; c/o Tsukuba Research Institute of BANYU PHARMACEUTICAL CO., LTD., 3 Okubo, Tsukuba-shi, Ibaraki 3002611 (JP). TOKITA, Shigeru [JP/JP]; c/o Tsukuba Research Institute of BANYU PHARMACEUTICAL CO., LTD., 3 Okubo, Tsukuba-shi, Ibaraki 3002611 (JP).

- (74) HIROTA, Masanori et al. / etc.; 3F Wakabayashi Bldg., 8-5, Akasaka 2-chome, Minato-ku, Tokyo 1070052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07D 211/74, 215/22, A61K 31/4704, 31/5377, A61P 1/16, 9/10, 9/12, 11/00, 13/12, 17/14, 43/00, C07C 47/575, 47/55, 49/258, 69/738, 235/16, 235/84, 255/40, 271/28, 275/38, 255/29, 235/06, 259/10
- (11) WO 2005/028439 (13) A1
- (21) PCT/JP2004/014006
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) ja (26) ja
- (30) 2003-324152 17 Sep/sep 2003 JP (17.09.2003)
- (30) 2003-324154 17 Sep/sep 2003 JP (17.09.2003)
- (30) 2004-178081 16 Jun/juin 2004 JP (16.06.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CINNAMOYL COMPOUND AND USE OF THE SAME
- COMPOSE DE CINNAMOYLE ET UTILISATION DE CE COMPOSE
- (71) SUMITOMO CHEMICAL COMPANY, LIMITED [JP/JP]; 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-8260 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TOMIGAHARA, Yoshitaka [JP/JP]; 3-5-71, Uenohigashi, Toyonaka-shi, Osaka 5600013 (JP). HIGASHI, Kiyoshi [JP/JP]; 6-2-33-706, Tani-machi, Chuo-ku, Osaka-shi, Osaka 5420012 (JP). TAKAHASHI, Junya [JP/JP]; 4-3-84, Fushimidai, Inagawa-cho, Kawabe-gun, Hyogo 6660262 (JP). TAKAHASHI, Chizuko [JP/JP]; 3-15-18-205, Nagayoshinagahara, Hirano-ku, Osaka-shi, Osaka 5470016 (JP).
- (74) ENOMOTO, Masayuki et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5418550 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 213/80, 213/69, A61K 31/4412, A61P 31/18
- (11) WO 2005/028442 (13) A2
- (21) PCT/BE2004/000134
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) en (26) en
- (30) 03447231.6 22 Sep/sep 2003 EP (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • 2-PYRIDINONE DERIVATIVES, HAVING HIV INHIBITING PROPERTIES
- DERIVES DE 2-PYRIDINONE AYANT DES PROPRIETES INHIBANT LE VIH
- (71) FACULTES UNIVERSITAIRES NOTRE-DAME DE LA PAIX [BE/BE]; Rue de Bruxelles 61, B-5000 NAMUR (BE). UNIVERSITE LIBRE DE BRUXELLES [BE/BE]; Avenue F.D. Roosevelt 50, CP 161, B-1050 BRUSSELS (BE).
- 
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C07D 211/96, 401/12, 409/12, 207/48, 403/12, A61K 31/44, A61P 25/28
- (11) WO 2005/028440 (13) A1
- (21) PCT/US2004/030191
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 10/663,042 16 Sep/sep 2003 US (16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NOVEL GAMMA SECRETASE INHIBITORS
- INHIBITEURS DE GAMMA SECRETASE
- (71) SCHERING CORPORATION [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033 (US). PHARMACOEPIA DRUG DISCOVERY, INC. [US/US]; 3000 Eastpark Boulevard, Cranbury, NJ 08512 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PISSARNITSKI, Dmitri, A. [RU/US]; 236 Spruce Mill Lane, Scotch Plains, NJ 07076 (US). JOSIEN, Hubert, B. [FR/US]; 317 Monroe Street, Apt. 3, Hoboken, NJ 07030 (US). SMITH, Elizabeth, M. [CA/US]; 166 Grove Avenue, Verona, NJ 07044 (US). CLADER, John, W. [US/US]; 428 North Union Avenue, Cranford, NJ 07016 (US). ASBEROM, Theodoros [US/US]; 17 Stone Drive, West Orange, NJ 07052 (US). GUO, Tao [US/US]; 1606 Dahlia Circle, Dayton, NJ 08810 (US). HOBBS, Douglas, W. [US/US]; 1330 University Drive, Yardley, PA 19607 (US).
- (74) BLINKA, Thomas, A.; Schering-Plough Corporation, 2000 Galloping Hill Road, Mailstop K-6-1 1990, Kenilworth, NJ 07033 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :  
*(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations*
- 
- (51)<sup>7</sup> C07D 213/69, 309/38, 311/56, 413/10, 407/10, 215/22, A61K 31/366, 31/37, 31/4412, 31/4439, 31/4704, 31/5377, 7/06, A61P 43/00, 17/14, 1/16, 11/00, 13/12, 17/02, 9/10, 9/12
- (11) WO 2005/028441 (13) A1
- (21) PCT/JP2004/013989



(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LE VAN, Kiet** [BE/BE]; Rue des Cygnes 32, B-1050 BRUSSELS (BE). **GEORGES, Benoît** [BE/BE]; Rue du Facteur 2, B-1348 LOUVAIN-LA-NEUVE (BE). **HEVESI, Laszlo** [BE/BE]; Rue d'Enhaive 18, B-5100 JAMBES (BE). **CAUVIN, Christine** [BE/BE]; Place Notre-Dame de la Paix 2, bte 28, B-5101 ERPENT (BE). **BOLAND, Sandro** [BE/BE]; Rue des Thiers 5, B-4210 BURDINNE (BE). **DURANT, François** [BE/BE]; Allée de Menton 24B, B-5000 NAMUR (BE). **DEMONTE, Dominique** [BE/BE]; Rue en dessous, 13, B-5650 YVES-GOMEZEE (BE). **VAN LINT, Carine** [BE/BE]; Corniche Verte 16, B-1150 BRUSSELS (BE). **BURNY, Arsène** [BE/BE]; Chaussée de Namur 65, B-5030 GEMBLONNE (BE). **BOLLEN, Alex** [BE/BE]; Gaasbeekstraat 69, B-1701 ITTERBEEK (BE). **JACQUET, Alain** [BE/BE]; Service de génétique appliquée, Rue des Professeurs Jeener et Brachet 12, B-6041 GOSELIES (BE). **DE WALQUE, Stéphane** [BE/BE]; Rue de Brasserie 13, B-1350 FOLX-LES-CAVES (BE).

(74) **VAN MALDEREN, Joëlle** et al. / etc.; OFFICE VAN MALDEREN, Place Reine Fabiola 6/1, B-1083 Brussels (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 215/54, 417/12, 401/14, 401/12, A61K 31/517, 31/4709

(11) WO 2005/028443 (13) A2

(21) PCT/US2004/030220

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/560,724 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROTEIN TYROSINE KINASE ENZYME INHIBITORS

• INHIBITEURS DE L'ENZYME DE LA PROTEINE TYROSINE KINASE

(71) **WYETH A Corporation of the State of Delaware, USA** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WISSNER, Allan** [US/US]; 31 Wood Avenue, Ardsley, NY 10502 (US). **RA-BINDRAN, Sridhar, Krishna** [IN/US]; 2 Pamela Drive, Chestnut Ridge, NY 10977 (US). **TSOU, Hwei-Ru** [US/US]; 7 Beverly Place, New City, NY 10954 (US).

(74) **GOUDIE, Joy, S. et al. / etc.**; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> C07D 217/22, 401/04, 405/04, 405/14, 401/14, 413/14, 409/14, 413/04, 413/10, 417/14, A61K 31/4725, A61P 35/00

(11) WO 2005/028444 (13) A1

(21) PCT/EP2004/010688

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 60/505,457 24 Sep/sep 2003 US (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • 1,4-DISUBSTITUTED ISOQUINILONE DERIVATIVES AS RAF-KINASE INHIBITORS USEFUL FOR THE TREATMENT OF PROLIFERATIVE DISEASES

• DERIVES D'ISOQUINILONE 1,4-DISUBSTITUES EN TANT QU'INHIBITEURS DE RAF-KINASE UTILES POUR LE TRAITEMENT DE MALADIES PROLIFERANTES

(71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

(for all designated States except / pour tous les États désignés sauf AT US)

(71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT). (only for / seulement pour AT)

(72, 75) **FINK, Cynthia, Anne** [US/US]; 1 Kensington Court, Lebanon, NJ 08833 (US). **PEREZ, Lawrence, Blas** [US/US]; 5 Meadowland Drive, Hopkinton, MA 01748 (US). **RAMSEY, Timothy, Michael** [US/US]; 45 Ox Bow Road, Weston, MA 02493 (US). **YUSUFF, Naeem** [US/US]; 8 Watson Street, Cambridge, MA 02139 (US). **VERSACE, Richard, William** [US/US]; 69 Townsend Road, Wanaque, NJ 07465 (US). **BATT, David, Bryant** [US/US]; 33 Campbell Road, Wayland, MA 01778 (US). **SABIO, Michael, Lloyd** [US/US]; 46 Center Grove Road, Apt U-414, Randolph, NJ 07869 (US). **KIM, Sunkyu** [US/US]; 10 Suffolk Street, #5, Cambridge, MA 02139 (US).

(74) **GRUBB, Philip**; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07D 231/00

(11) WO 2005/028445 (13) A2

(21) PCT/GB2004/003968

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 0322016.7 19 Sep/sep 2003 GB (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HETEROAROMATIC UREAS WHICH MODULATE THE FUNCTION OF THE VANILLOID-1 RECEPTOR (VR1)

• UREES HETEROAROMATIQUES MODULANT LA FONCTION DU RECEPTEUR VANILLOIDE-1 (VR1)

(71) **MERCK SHARP & DOHME LIMITED** [GB/GB]; Hertford Road, Hoddesdon Hertfordshire EN11 9BU (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FLETCHER, Stephen, Robert** [GB/GB]; Terlings Park, Eastwick Road, Harlow Essex CM20 2QR (GB). **HOLLINGWORTH, Gregory, John** [GB/GB]; Terlings Park, Eastwick Road, Harlow Essex CM20 2QR (GB). **JONES, A., Brian** [GB/GB]; Terlings Park, Eastwick Road, Harlow Essex CM20 2QR (GB). **MOYES, Christopher, Richard** [GB/GB]; Terlings Park, Eastwick Road, Harlow Essex CM20 2QR (GB). **ROGERS, Lauren** [GB/GB]; Terlings Park,

- Eastwick Road, Harlow Essex CM20 2QR (GB).
- (74) HORGAN, James, Michael, Fred; Terlings Park, Eastwick Road, Harlow Essex CM20 2QR (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 233/60, C07C 15/44, 15/46, 13/20, 13/12, 2/64, 205/06, 205/12
- (11) WO 2005/028446 (13) A1
- (21) PCT/JP2004/013467
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) ja (26) ja
- (30) 2003-325590 18 Sep/sep 2003 JP (18.09.2003)
- (30) 2003-374512 4 Nov/nov 2003 JP (04.11.2003)
- (30) 2004-029219 5 Feb/fév 2004 JP (05.02.2004)
- (30) 2004-036947 13 Feb/fév 2004 JP (13.02.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • IONIC LIQUID AND METHOD OF REACTION USING THE SAME
- LIQUIDE IONIQUE ET PROCÉDE DE REACTION UTILISANT CE LIQUIDE
- (71) SUMITOMO CHEMICAL COMPANY, LIMITED [JP/JP]; 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo 1048260 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) YOKOYAMA, Chiaki [JP/JP]; 1-1, Katahira 2-chome, Aoba-ku, Sendai-shi, Miyagi 9808577 (JP).
- (72, 75) QIAO, Kun [CN/JP]; 1-1, Katahira 2-chome, Aoba-ku, Sendai-shi, Miyagi 9808577 (JP).
- (74) NARUSE, Katsuo et al. / etc.; 5th Floor, TKK Nishishinbashi Bldg., 11-5, Nishi-shinbashi 2-chome, Minato-ku, Tokyo 1050003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 235/30, 417/12, 405/06, 401/14, A61K 31/4184
- (11) WO 2005/028448 (13) A1
- (21) PCT/EP2004/009205
- (22) 17 Aug/août 2004 (17.08.2004)
- (25) de (26) de
- (30) 103 42 503.9 12 Sep/sep 2003 DE (12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (54) • BENZYL-BENZIMIDAZOLYL DERIVATIVES
- DERIVES DE BENZYL-BENZIMIDAZOLYLE
- (71) MERCK PATENT GMBH [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STÄHLE, Wolfgang [DE/DE]; Neuweg 14c, 55218 Ingelheim (DE). JONCZYK, Alfred [DE/DE]; Schepp Allee 57, 64295 Darmstadt (DE). RAUTENBERG, Wilfried [DE/DE]; Magdeburger Strasse 13, 64354 Reinheim (DE).
- (74) MERCK PATENT GMBH; Frankfurter Strasse 250, 64293 Darmstadt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 237/04
- (11) WO 2005/028449 (13) A1
- (21) PCT/EP2004/005284
- (22) 17 May/mai 2004 (17.05.2004)
- (25) en (26) en
- (30) 103 28 888.0 26 Jun/juin 2003 DE (26.06.2003)
- (30) 60/505,470 24 Sep/sep 2003 US (24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • IMPROVED PROCESS FOR THE MANUFACTURE OF 1,2-DISUBSTITUTED HEXAHYDROPYRIDAZINE-3-CARBOXYLIC ACIDS AND ESTERS THEREOF
- PROCÉDE AMÉLIORÉ DE FABRICATION D'ACIDES HEXAHYDROPYRIDAZINE-3-CARBOXYLIQUES 1,2-DISUBSTITUÉS ET LEURS ESTERS
- (71) HONEYWELL SPECIALTY CHEMICALS SEELZE GMBH [DE/DE]; Wunstorfer Strasse 40, 30926 Seelze (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NERENZ, Frank [DE/DE]; Stresemannallee 19, 30173 Hannover (DE). BARTELS, Günter [DE/DE]; von-Eltz-Strasse 18 A, 30936 Burgwedel (DE). KANSCHIK-CONRADSEN, Andreas [DE/DE]; Stettiner Strasse 43, 30826 Garbsen (DE).
- (74) BUBLAK, Wolfgang; Bardehle Pagenberg Dost Altenburg Geissler, Galilciplatz 1, 81679 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

- LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 239/42, A61K 31/505, A61P 3/06  
 (11) WO 2005/028450 (13) A1  
 (21) PCT/GB2004/004133  
 (22) 17 Sep/sep 2004 (17.09.2004)  
 (25) en (26) en  
 (30) 0321827.8 18 Sep/sep 2003 GB (18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • POLYMORPHIC FORMS OF A KNOWN ANTIHYPERLIPEMIC AGENT  
 • FORMES POLYMORPHES D'UN AGENT ANTI-HYPERLIPÉMIQUE CONNU
- (71) ASTRAZENECA UK LIMITED [GB/GB]; 15 Stanhope Gate, London, Greater London W1K 1LN (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BLACK, Simon, Nicholas [GB/GB]; AstraZeneca, Charter Way, Macclesfield, Cheshire SK10 2NA (GB). OWENS, Lianne [GB/GB]; AstraZeneca, Charter Way, Macclesfield, Cheshire SK10 2NA (GB). TAYLOR, Nigel, Philip [GB/GB]; AstraZeneca, Charter Way, Macclesfield, Cheshire SK10 2NA (GB). WARREN, Kenneth, Edwin, Herbert [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).
- (74) ASTRAZENECA; Global Intellectual Property, S-151 85 Sodertalje (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> C07D 249/08, 401/14, A61K 31/4196, A61P 5/10, C07D 401/14, 401/04, 403/04  
 (11) WO 2005/028452 (13) A1  
 (21) PCT/IB2004/002977  
 (22) 10 Sep/sep 2004 (10.09.2004)  
 (25) en (26) en  
 (30) 0322159.5 22 Sep/sep 2003 GB (22.09.2003)  
 (30) 0403150.6 12 Feb/fév 2004 GB (12.02.2004)  
 (30) 0415110.6 5 Jul/juil 2004 GB (05.07.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SUBSTITUTED TRIAZOLE DERIVATIVES AS OXYTICIN ANTAGONISTS  
 • DERIVES DE TRIAZOLES SUBSTITUÉS EN TANT QU'ANTAGONISTES DE L'OXYTICINE
- (71) PFIZER LIMITED [GB/GB]; Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).  
*(only for / seulement pour GB)*
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • TETRAHYDROQUINOXALINES AND THEIR USE AS M2 ACETYLCHOLINE RECEPTOR AGONISTS  
 • TETRAHYDROCHINOXALINES ET LEUR UTILISATION COMME AGONISTES DU RECEPTEUR A L'ACETYLCHOLINE M2
- (71) BAYER HEALTHCARE AG [DE/DE]; 51368 Leverkusen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KUHL, Alexander [DE/DE]; Im Langen Lohe 32, 58093 Hagen (DE). KOLKHOF, Peter [DE/DE]; Falkenberg 121, 42113 Wuppertal (DE). TELAN, Leila [US/DE]; Rabenweg 42, 42115 Wuppertal (DE). PETERS, Jan-Georg [DE/DE]; Bern 22, 42799 Leichlingen (DE). LUSTIG, Klemens [DE/DE]; Falkenberg 159, 42113 Wuppertal (DE). KAST, Raimund [DE/DE]; Nachtigallenweg 79, 42349 Wuppertal (DE). MÜNTER, Klaus [DE/DE]; Memeler Str. 54, 42489 Wülfrath (DE). STASCH, Johannes-Peter [DE/DE]; Alfred-Nobel-Str. 109, 42651 Solingen (DE). TINEL, Hanna [DE/DE]; Westfalenweg 14, 42111 Wuppertal (DE).
- (74) BAYER HEALTHCARE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> C07D 263/32, 413/10, 277/24, 417/02, A61K 31/421, 31/421, 31/422, 31/426, 31/454, 31/4439, A61P 3/04, 3/06, 3/10, 9/00, 9/10, 9/12, 9/14, 43/00  
 (11) WO 2005/028453 (13) A1  
 (21) PCT/JP2004/014137  
 (22) 21 Sep/sep 2004 (21.09.2004)  
 (25) ja (26) ja  
 (30) 2003-330616 22 Sep/sep 2003 JP (22.09.2003)  
 (30) 2004-231546 6 Aug/août 2004 JP (06.08.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PHENYLACETIC ACID DERIVATIVE, PROCESS FOR PRODUCING THE SAME, AND USE  
 • DERIVE D'ACIDE PHENYLACÉTIQUE, AINSI QUE PROCÉDE DE PRODUCTION ET UTILISATION DE CELUI-CI
- (71) ONO PHARMACEUTICAL CO., LTD. [JP/JP]; 1-5, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8526 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KUSUDA, Shinya [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). NAKAYAMA, Yoshisuke [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). TAJIMA, Hisao [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). SAKAMOTO, Takahiko [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 5-2, Technoport 1-chome,

- Yamagishi, Mikuni-cho, Sakai-gun, Fukui 913-0032 (JP).
- (74) **OHIE, Kunihisa**; Ohie Patent Office, Selva-Ningyocho 6F, 14-6, Nihonbashi-Ningyocho 2-chome, Chuo-ku, Tokyo 103-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07D 263/56, A61K 31/423, A61P 17/06, 37/00**
- (11) **WO 2005/028454** (13) A1
- (21) PCT/US2004/030438
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) en (26) en
- (30) 60/504,167 **18 Sep/sep 2003 US (18.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HALOALKYL CONTAINING COMPOUNDS AS CYSTEINE PROTEASE INHIBITORS
- COMPOSES CONTENANT UN HALOALKYLE UTILISE COMME INHIBITEURS DE CYSTEINE PROTEASE
- (71) **AXYS PHARMACEUTICALS, INC.** [US/US]; 180 Kimball Way, So. San Francisco, CA 94080 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LINK, John O.** [US/US]; 12 Prospect Avenue, San Francisco, California 94110 (US).
- (74) **BANSAL, Rekha et al.** / etc.; CELERA, an Applera Business Corporation, 180 Kimball Way, So. San Francisco, CA 94080 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> **C07D 265/36, 307/80, 319/20, 317/46, A61K 31/538, 31/343, A61P 37/08, 3/04, 17/04, 17/10, 11/02, 13/10, 21/00, 25/20,**
- 7/02, 25/06, 29/00, 11/00, 9/10, 37/06, 25/00, 1/16, 19/02, 1/04, 1/14, 43/00
- (11) **WO 2005/028455** (13) A1
- (21) PCT/JP2004/013983
- (22) **16 Sep/sep 2004 (16.09.2004)**
- (25) ja (26) ja
- (30) 2003-325198 **17 Sep/sep 2003 JP (17.09.2003)**
- (30) 2004-101863 **31 Mar/mar 2004 JP (31.03.2004)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CARBOXYLIC ACID COMPOUNDS AND MEDICINAL COMPOSITIONS CONTAINING THE SAME AS THE ACTIVE INGREDIENT
- COMPOSES D'ACIDE CARBOXYLIQUE ET COMPOSITIONS MEDICINALES CONTENANT CEUX-CI EN TANT QU'INGREDIENT ACTIF
- (71) **ONO PHARMACEUTICAL CO., LTD.** [JP/JP]; 1-5, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8526 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAGANAWA, Atsushi** [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). **IWAHASHI, Maki** [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). **KINOSHITA, Atsushi** [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). **OGAWA, Seiji** [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). **SHIMABUKURO, Atsushi** [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). **YANO, Koji** [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). **KOBAYASHI, Kaoru** [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). **OKADA, Yutaka** [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). **KISHIDA, Yoko** [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). **KAWAUCHI, Shouji** [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). **TSUKAMOTO, Kohki** [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). **MAT-SUNAGA, Yoko** [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). **NAMBU, Fumio** [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP).
- (74) **OHIE, Kunihisa**; Ohie Patent Office, Selva-Ningyocho 6F, 14-6, Nihonbashi-Ningyocho 2-chome, Chuo-ku, Tokyo 103-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH
- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
- 
- (51)<sup>7</sup> **C07D 281/16, C07C 219/28, C07D 309/12, 417/12**
- (11) **WO 2005/028457** (13) A1
- (21) PCT/FI2004/000559
- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 60/504,983 23 Sep/sep 2003 US  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PREPARATION OF QUETIAPINE  
• PREPARATION DE QUETIAPINE(71) FERMION OY [FI/FI]; Koivu-Mankkaan  
tie 6 A, FI-02200 Espoo (FI).  
*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) GRUMANN, Arne [DE/FI]; Siestankuja  
13 A, FI-02700 Kauniainen (FI). HUHTA,  
Soini [FI/FI]; Nuotiotie 11, FI-02600 Es-  
poo (FI). RUMMAKKO, Petteri [FI/FI];  
Hämäläistentie 11 C 7, FI-02780 Espoo (FI).(74) ORION CORPORATION ORION  
PHARMA; Legal Affairs and Intellect-  
tual Property Rights, P.O.Box 65, FI-02101  
Espoo (FI).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07D 281/16, 295/18

(11) WO 2005/028458 (13) A1

(21) PCT/FI2004/000560

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 60/504,981 23 Sep/sep 2003 US  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PREPARATION OF QUETIAPINE

• PROCEDE DE PREPARATION DE QUE-  
TIAPINE(71) FERMION OY [FI/FI]; Koivu-Mankkaan  
tie 6 A, FI-02200 Espoo (FI).  
*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) RUMMAKKO, Petteri [FI/FI];  
Hämäläistentie 11 C 7, FI-02780 Espoo  
(FI). HUHTA, Soini [FI/FI]; Nuotiotie 11,  
FI-02600 Espoo (FI). GRUMANN, Arne  
[DE/FI]; Siestankuja 13 A, FI-02700 Kauni-  
ainen (FI).(74) ORION CORPORATION ORION  
PHARMA; Legal Affairs and Intellect-  
tual Property Rights, P.O.Box 65, FI-02101  
Espoo (FI).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KRKZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07D 295/20, 281/16

(11) WO 2005/028459 (13) A1

(21) PCT/FI2004/000561

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 60/504,982 23 Sep/sep 2003 US  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PREPARATION METHOD FOR QUETI-  
APINE• PROCEDE DE PREPARATION DE QUE-  
TIAPINE(71) FERMION OY [FI/FI]; Koivu-Mankkaan  
tie 6 A, FI-02200 Espoo (FI).  
*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) HILDEN, Leif [FI/FI]; Mikael Ly-  
beckintie 10, FI-02700 Kauniainen (FI).  
GRUMANN, Arne [DE/FI]; Siestankuja 13  
A, FI-02700 Kauniainen (FI). HUHTA, Soini  
[FI/FI]; Nuotiotie 11, FI-02600 Espoo (FI).  
RUMMAKKO, Petteri [FI/FI]; Hämäläis-  
tentie 11 C 7, FI-02780 Espoo (FI).(74) ORION CORPORATION ORION  
PHARMA; Legal Affairs and Intellect-  
tual Property Rights, P.O. Box 65, FI-02101  
Espoo (FI).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> C07D 301/19, 303/04

(11) WO 2005/028460 (13) A1

(21) PCT/JP2004/013600

(22) 10 Sep/sep 2004 (10.09.2004)

(25) ja (26) ja

(30) 2003-327717 19 Sep/sep 2003 JP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS FOR PRODUCING PROPY-  
LENE OXIDE• PROCEDE DE PRODUCTION  
D'OXYDE DE PROPYLENE(71) SUMITOMO CHEMICAL COMPANY,  
LIMITED [JP/JP]; 27-1, Shinkawa 2-chome,  
Chuo-ku, Tokyo 104-8260 (JP).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) OKU, Noriaki [JP/JP]; 2-10-11, Mat-  
sugashima, Ichihara-shi, Chiba, 2900035  
(JP). KATAO, Masaaki [JP/JP]; 3-5-21,  
Soja, Ichihara-shi, Chiba, 2900023 (JP).(74) ENOMOTO, Masayuki et al. / etc.; c/o  
Sumitomo Chemical Intellectual Property  
Service, Limited, 5-33, Kitahama 4-chome,  
Chuo-ku, Osaka-shi, Osaka, 5418550 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> C07D 301/32, 303/14

(11) WO 2005/028461 (13) A1

(21) PCT/JP2004/013877

(22) 15 Sep/sep 2004 (15.09.2004)

(25) ja (26) ja

(30) 2003-325741 18 Sep/sep 2003 JP  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF PURIFYING PROPY-  
LENE OXIDE• PROCÉDÉ DE PURIFICATION  
D'OXYDE DE PROPYLENE(71) SUMITOMO CHEMICAL COM-  
PANY, LIMITED [JP/JP]; 27-1, Shinkawa  
2-chome, Chuo-ku, Tokyo 104-8260 (JP).  
NAKAYAMA, Toshio [JP/JP]; 6-13-13, Ku-  
ranamidai, Sodegaura-shi, Chiba 2990245  
(JP).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) SHINOHARA, Koji [JP/JP]; 1-9-2-  
0247, Yushudainishi, Ichihara-shi, Chiba  
2990125 (JP).(74) ENOMOTO, Masayuki et al. / etc.; c/o  
Sumitomo Chemical Intellectual Property  
Service, Limited, 5-33, Kitahama 4-chome,  
Chuo-ku, Osaka-shi, Osaka 5418550 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 305/14, A61K 31/335

(11) WO 2005/028462 (13) A1

(21) PCT/FR2004/002344

(22) 16 Sep/sep 2004 (16.09.2004)

(25) fr (26) fr

(30) 0311016 19 Sep/sep 2003 FR (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DIMETHOXY DOCETAXEL ACETONE SOLVATE ET METHOD FOR THE PREPARATION THEREOF

• SOLVAT ACETONIQUE DU DIMETHOXY DOCETAXEL ET SON PROCEDE DE PREPARATION

(71) AVENTIS PHARMA S.A. [FR/FR]; 20 avenue Raymond Aron, F-92160 ANTONY (FR).

(72) DIDIER, Eric; 100 boulevard Auguste Blanqui, F-75013 PARIS (FR). PERRIN, Marc-Antoine; 18 rue Raoul Allavoine, F-78350 JOUY EN JOSAS (FR).

(74) LE PENNEC, Magali?; Aventis Pharma S.A., Direction Brevets - LEO/144, 20 avenue Raymond Aron, F-92165 ANTONY CEDEX (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07D 309/38, 309/26, 213/81, A61K 7/06, 31/366, A61P 1/16, 11/00, 13/12, 17/02, 9/10, 9/12, 17/14, 43/00, C07C 311/17, 311/51, 47/55, 69/73, 47/575, 49/258, 235/16, 235/84, 255/40, 271/28, 275/38, 255/29, 259/10

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(30) 2003-324149 17 Sep/sep 2003 JP (17.09.2003)

(30) 2003-324153 17 Sep/sep 2003 JP (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CINNAMOYL COMPOUND AND USE OF THE SAME

• COMPOSE CINNAMOYLE ET UTILISATION ASSOCIEE

(71) SUMITOMO CHEMICAL COMPANY, LIMITED [JP/JP]; 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo 1048260 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOMIGAHARA, Yoshitaka [JP/JP]; 3-5-71, Uenohigashi, Toyonaka-shi, Osaka 5600013 (JP). HIGASHI, Kiyoshi [JP/JP]; 6-2-33-706, Tani-machi, Chuo-ku, Osaka-shi, Osaka 5420012 (JP). TAKAHASHI, Junya [JP/JP]; 4-3-84, Fushimidai, Inagawa-cho, Kawabe-gun, Hyogo 6660262 (JP). TAKAHASHI, Chizuko [JP/JP]; 3-15-18-205, Nagayoshinagahara, Hirano-ku, Osaka-shi, Osaka 5470016 (JP).

(74) ENOMOTO, Masayuki et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5418550 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 311/62, A61K 31/353, A61P 3/02, 43/00, A23L 1/30

(11) WO 2005/028464 (13) A1

(21) PCT/JP2004/013652

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-326140 18 Sep/sep 2003 JP (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ENDURANCE IMPROVING AGENT

• AGENT AMELIORANT L'ENDURANCE

(71) KAO CORPORATION [JP/JP]; 14-10, Nihonbashikayabacho 1-Chome, Chuo-ku, Tokyo 1038210 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIMOTOYODOME, Akira [JP/JP]; c/o Kao Corporation Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-Gun, Tochigi 3213497 (JP). HARAMIZU, Satoshi [JP/JP]; c/o Kao Corporation Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-Gun, Tochigi 3213497 (JP). HARADA, Ushio [JP/JP]; C/O Kao Corporation Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-Gun, Tochigi 3213497 (JP). MURASE, Takatoshi [JP/JP]; c/o Kao Corporation Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-Gun, Tochigi 3213497 (JP). TOKIMITSU, Ichirou [JP/JP]; c/o Kao Corporation Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-Gun, Tochigi 3213497 (JP).

(74) THE PATENT CORPORATE BODY ARUGA PATENT OFFICE; Kyoko

Bldg., 3-6, Nihonbashingyocho 1-Chome, Chuo-ku, Tokyo 1030013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 311/94, 409/04, 405/10, 413/10, C09K 9/02, G02B 5/23, G02C 7/10

(11) WO 2005/028465 (13) A1

(21) PCT/JP2004/013712

(22) 14 Sep/sep 2004 (14.09.2004)

(25) ja (26) ja

(30) 2003-325681 18 Sep/sep 2003 JP (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CHROMENE COMPOUND

• COMPOSE DE CHROMENE

(71) TOKUYAMA CORPORATION [JP/JP]; 1-1, Mikage-cho, Shunan-shi, Yamaguchi, 7458648 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOMODA, Junji [JP/JP]; c/o Tokuyama Corporation, 1-1, Mikage-cho, Shunan-shi, Yamaguchi, 7458648 (JP). KAWABATA, Yuichiro [JP/JP]; c/o Tokuyama Corporation, 1-1, Mikage-cho, Shunan-shi, Yamaguchi, 7458648 (JP). TANAKA, Nobuyuki [JP/JP]; c/o Tokuyama Corporation, 1-1, Mikage-cho, Shunan-shi, Yamaguchi, 7458648 (JP). IWATA, Arihiro [JP/JP]; c/o Tokuyama Corporation, 1-1, Mikage-cho, Shunan-shi, Yamaguchi, 7458648 (JP).

(74) ONO, Hisazumi et al. / etc.; Nippon Shuzo bldg., 1-21, Nishi-shimbashi 1-chome, Minato-ku, Tokyo, 1050003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 401/04, 451/04, A61K 31/454, 31/46, 31/517, A61P 25/00, C07C 251/20

(11) WO 2005/028466 (13) A1

(21) PCT/EP2004/052275

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 60/505,613 25 Sep/sep 2003 US  
(25.09.2003)(30) 03103551.2 25 Sep/sep 2003 EP  
(25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BENZIMIDAZOLONE AND QUINAZOLINONE DERIVATIVES AS AGONISTS ON HUMAN ORL1 RECEPTORS

• DERIVES DE BENZIMIDAZOLONE ET DE QUINAZOLINONE EN TANT QU'AGONISTES SUR DES RECEPTEURS ORL1 HUMAINS

(71) SOLVAY PHARMACEUTICALS B.V. [NL/NL]; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEN HARTOG, Jacobus, A., J. [NL/NL]; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL). VAN SCHARRENBURG, Gustaaf, J., M. [NL/NL]; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL). STUIVENBERG, Herman, H. [NL/NL]; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL). TUINSTRRA, Tinka [NL/NL]; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL). TERPSTRA, Jan-Willem [NL/NL]; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL).

(74) VERHAGE, Marinus; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07D 401/04, 401/14, 473/16, 211/56, 417/14, A61K 31/451, 31/53, A61P 31/04

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(21) PCT/US2004/030064

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/502,612 15 Sep/sep 2003 US  
(15.09.2003)(30) 60/548,852 2 Mar/mar 2004 US  
(02.03.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ANTIBACTERIAL 3,5-DIAMINOPIPERIDINE-SUBSTITUTE AROMATIC AND HETEROAROMATIC COMPOUNDS

• COMPOSES HETEROAROMATIQUES ET AROMATIQUES A SUBSTITUTION 3,5-DIAMINOPIPERIDINE ANTIBACTERIENS

(71) ANADYS PHARMACEUTICALS, INC. [US/US]; 3115 Merryfield Row, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZHOU, Yuefen [US/US]; 11425 Honey Ridge, San Diego, CA 92130 (US). VOURLLOUMIS, Dionisios [GR/US]; 3929 Caminito Amparo, San Diego, CA 92122 (US). GREGOR, Vlad, E. [US/US]; 13510 Manog Drive, Del Mar, CA 92014 (US). WINTERS, Geoff [CA/CA]; 1670 Milford Ave, Coquitlam, British Columbia V3J 2V5 (CA). HERMANN, Thomas [DE/US]; 1377 Evergreen Drive, Cardiff By The Sea, CA 92007 (US). AYIDA, Benjamin [GH/US]; 2105 Kings View Circle, Spring Valley, CA 91977 (US). SUN, Zhongxiang [CN/US]; 7689 Palmilla Drive #1301, San Diego, CA 92122 (US). MURPHY, Douglas [US/US]; 10620 Dabney Drive #169, San Diego, CA 92126 (US). SIMONSEN, Klaus, Baek [DK/DK]; C.F. Richs Vej 99A, 3. tv., DK-2000 Frederiksberg (DK).

(74) PINO, Mark, J.; Connolly Bove Lodge & Hutz LLP, 1990 M Street, N.W., Suite 800, Washington, DC 20036-3425 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 401/12, A61K 31/4439, A61P 7/02

(11) WO 2005/028468 (13) A1

(21) PCT/EP2004/009432

(22) 24 Aug/août 2004 (24.08.2004)

(25) de (26) de

(30) 103 39 862.7 29 Aug/août 2003 DE  
(29.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • 3-[(2-{[4-(HEXYLOXYCARBONYLAMINO-IMINO-METHYL)-PHENYLAMINO]-METHYL}-1-METHYL-1H-BENZIMIDAZOL-5-CARBONYL)-PYRIDINE-2-YL-AMINO]-PROPIONIC ACID ETHYL ESTER METHANE SULPHONATE AND USE THEREOF AS A MEDICAMENT

• ETHYLESTER-METHANSULFONATE D'ACIDE 3-[(2-{[4-(HEXYLOXY-CARBONYLAMINO-IMINO-METHYL)-PHENYLAMINO]-METHYL}-1-METHYL-1H-BENZIMIDAZOL-5-CARBONYL)-PYRIDINE-2-YL-AMINO]-PROPIONIQUE ET SON UTILISATION EN TANT QUE MEDICAMENT

(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE]; Binger Strasse 173, 55216 INGELHEIM (DE).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH

CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)

(71) BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG [DE/DE]; Binger Strasse 173, 55216 INGELHEIM (DE).  
(only for / seulement pour DE)

(72, 75) SOBOTTA, Rainer [DE/DE]; Ludwig-Richter-Str. 6, 55218 INGELHEIM (DE). SIEGER, Peter [DE/DE]; Klingnäckler 7, 88441 MITTELBIERACH (DE). SCHMID, Rolf [DE/DE]; Talstrasse 37, 88487 BALTRINGEN (DE).

(74) BOEHRINGER INGELHEIM INTERNATIONAL GMBH; Binger Strasse 173, 55216 INGELHEIM (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 401/12, A61K 31/517, A61P 35/00

(11) WO 2005/028469 (13) A1

(21) PCT/GB2004/003937

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 03292309.6 19 Sep/sep 2003 EP  
(19.09.2003)(30) 04291248.5 14 May/mai 2004 EP  
(14.05.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • QUINAZOLINE DERIVATIVES  
• DERIVES DE QUINAZOLINE

(71) ASTRAZENEC A AB [SE/SE]; Sodertalje, S-SE-151 85 (SE).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)

(71) ASTRAZENEC A UK LIMITED [GB/GB]; 15 Stanhope Gate, London Greater London W1K 1LN (GB).  
(only for / seulement pour MG)

(72, 75) BRADBURY, Robert, Hugh [GB/GB]; AstraZeneca R % D Alderley, Alderley Park, Macclesfield Cheshire SK10 4TG (GB). HENNEQUIN, Laurent, Francois, Andre [FR/FR]; AstraZeneca Pharma, Z.I. la Pomme, BP 1050, F-51689 Reims (FR). BARLAAM, Bernard, Christophe [FR/FR];

- AstraZeneca Pharma, Z. I. la Pompelle BP 1050, Cedex 02, F-51689 Reims (FR).
- (74) **ASTRAZENECA**; Global Intellectual Property, S-SE-151 85 Sodertalje (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 401/12, A61K 31/517, A61P 35/00
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- (21) PCT/GB2004/004109
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 03292308.8 19 Sep/sep 2003 EP (19.09.2003)
- (30) 04291249.3 14 May/mai 2004 EP (14.05.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • QUINAZOLINE DERIVATIVES  
• DERIVES DE QUINAZOLINE
- (71) **ASTRAZENECA AB** [SE/SE]; S-151 85 Sodertalje (SE).  
(for all designated States except / pour tous les États désignés sauf MG US)
- (71) **ASTRAZENECA UK LIMITED** [GB/GB]; 15 Stanhope Gate, London, Greater London W1K 1LN (GB).  
(only for / seulement pour MG)
- (72, 75) **BRADBURY, Robert, Hugh** [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, MacClesfield, Cheshire SK10 4TG (GB). **HENNEQUIN, Laurent, Francois, Andre** [FR/FR]; AstraZeneca Pharma, Z.I. la Pompelle, BP 1050, F-51689 Reims (FR). **BARLAAM, Bernard, Christophe** [FR/FR]; AstraZeneca Pharma, Z. I. la Pompelle, BP 1050, F-51689 Reims Cedex 02 (FR).
- (74) **ASTRAZENECA**; Global Intellectual Property, S-151 85 Sodertalje (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 401/12, 215/48, C07C 229/64
- (11) WO 2005/028471 (13) A1
- (21) PCT/US2004/029773
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 60/503,108 15 Sep/sep 2003 US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SYNTHESIS OF QUINOLINE 5-CARBOXAMIDES USEFUL FOR THE PREPARATION OF PDE IV INHIBITORS  
• SYNTHÈSE DE QUINOLINE 5-CARBOXAMIDES UTILES POUR LA PRÉPARATION D'INHIBITEURS DE PDE IV
- (71) **SCHERING CORPORATION** [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANDREWS, David, R.** [US/US]; 449 Baldwin Road, Maplewood, NJ 07040 (US). **TANG, Suhan** [US/US]; 19 Clinton Court, Plainsboro, NJ 08536 (US). **WU, Wenxue** [US/US]; 53 Zaitz Farm Road, Princeton Junction, NJ 08550 (US). **KALLINEY, Sami, Y.** [US/US]; 77 Garden Avenue, Chatham, NJ 07928 (US). **SUDHAKAR, Anantha** [US/US]; 18 Snowden Road, East Brunswick, NJ 08816 (US). **NIELSEN, Christopher** [US/US]; 27 Sandra Circle, Westfield, NJ 07090 (US).
- (74) **KALYANARAMAN?, Palaiyur, S.?**; Schering-Plough Corporation, 2000 Galloping Hill Road, Mailstop K-6-1 1990, Kenilworth, NJ 07033 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 405/12, A61K 31/4025
- (11) WO 2005/028472 (13) A1
- (21) PCT/US2004/030141
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 60/503,295 15 Sep/sep 2003 US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • BENZOPYRANONE COMPOUNDS, COMPOSITIONS THEREOF, AND METHODS OF TREATMENT THEREWITH

- COMPOSES BENZOPYRANONE, COMPOSITIONS A PARTIR DE CES COMPOSES ET TECHNIQUE DE TRAITEMENT UTILISANT CES COMPOSITIONS
- (71) **SIGNAL PHARMACEUTICALS, LLC** [US/US]; 4550 Towne Centre Court, San Diego, CA 92121 (US). **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4002 Basel (CH).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MCKIE, Jeffrey, A.** [US/US]; 1460 Golden Sunset Drive, San Marcos, CA 92078 (US). **BHAGWAT, Shripad, S.** [US/US]; 5015 Ashley Falls Court, San Diego, CA 92130 (US). **RENAUD, Johanne** [CA/CH]; Nussbaumweg 24, CH-4103 Bottmingen, Basel (CH). **MISSBACH, Martin** [CH/CH]; Hofstrasse 15, CH-5073 Gipf-Oberfrick, Basel (CH).
- (74) **INSOIGNA, Anthony, M. et al. / etc.;** Jones Day LLP, 222 East 41st Street, New York, NY 10017-6702 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (11) WO 2005/028473 (13) A1
- (21) PCT/IB2004/002983
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 60/505,329 23 Sep/sep 2003 US (23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ACYLOXYMETHYLCARBAMATE PRODRUGS OF OXAZOLIDINONES  
• BIOPRECURSEURS ACYLOXYMETHYLCARBAMATE DES OXAZOLIDINONES
- (71) **PHARMACIA & UPJOHN COMPANY** [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JOSYULA, Vara, Prasad, Venkata, Nagendra** [US/US]; Pfizer Global Research and Development, 301 Henrietta Street, Kalamazoo, MI 49001 (US). **GADWOOD, Robert, C.** [US/US]; Pfizer Global Research and Development, 301 Henrietta Street, Kalamazoo, MI 49001 (US). **THOMASCO, Lisa, Marie** [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). **KIM, Ji-Young** [US/KR]; Pfizer Global Research and Development, 301 Henrietta Street, Kalamazoo,



- MI 49001 (US). **CHOY, Allison, Laura** [US/US]; Pfizer Global Research and Development, 301 Henrietta Street, Kalamazoo, MI 49001 (US). **BOYER, Frederick, Earl, Jr.** [US/US]; Pfizer Global Research and Development, 301 Henrietta Street, Kalamazoo, MI 49001 (US).
- (74) **FULLER, Grover, F., Jr.**; Pfizer Inc., P.O. Box 1027, St. Louis, MO 63006 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 471/00  
(11) WO 2005/028474 (13) A2  
(21) PCT/US2004/016837  
(22) 28 May/mai 2004 (28.05.2004)  
(25) en (26) en  
(30) 60/474,161 29 May/mai 2003 US (29.05.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • **CHK-1 INHIBITORS**  
• **INHIBITEURS DE CHK-1**  
(71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 40 Landsdowne Street, Cambridge, MA 02139 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) **BOYLE, Robert, George** [GB/GB]; Millennium Pharmaceuticals, Inc., 40 Landsdowne Street, Cambridge, MA 02139 (US). **IMOGAI, Hassan, Julien** [FR/GB]; Millennium Pharmaceuticals, Inc., 40 Landsdowne Street, Cambridge, MA 02139 (US). **CHERRY, Michael** [GB/GB]; Millennium Pharmaceuticals, Inc., 40 Landsdowne Street, Cambridge, MA 02139 (US). **HUMPHRIES, Alfred, John** [GB/GB]; Millennium Pharmaceuticals, Inc., 40 Landsdowne Street, Cambridge, MA 02139 (US). **NAVARRO, Eva, Figueroa** [ES/GB]; Millennium Pharmaceuticals, Inc., 40 Landsdowne Street, Cambridge, MA 02139 (US). **OWEN, David, Rodney** [GB/GB]; Millennium Pharmaceuticals, Inc., 40 Landsdowne Street, Cambridge, MA 02139 (US). **DALES, Natalie, A.** [US/US]; Millennium Pharmaceuticals, Inc., 40 Landsdowne Street, Cambridge, MA 02139 (US). **LAMARCHE, Matthew** [US/US]; Millennium Pharmaceuticals, Inc., 40 Landsdowne Street, Cambridge, MA 02139 (US). **CULLIS, Courtney** [US/US]; Millennium Pharmaceuticals, Inc., 40 Landsdowne Street, Cambridge, MA 02139 (US). **GOULD, Alexandra, E.** [US/US]; Millennium Pharmaceuticals, Inc., 40 Landsdowne Street, Cambridge, MA 02139 (US).
- (74) **DAVIS, Steven, G. et al. / etc.**; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 471/00  
(11) WO 2005/028475 (13) A2  
(21) PCT/US2004/029094  
(22) 7 Sep/sep 2004 (07.09.2004)  
(25) en (26) en  
(30) 60/500,199 4 Sep/sep 2003 US (04.09.2003)  
(30) 60/527,907 8 Dec/déc 2003 US (08.12.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • **COMPOSITIONS USEFUL AS INHIBITORS OF PROTEIN KINASES**  
• **COMPOSITIONS UTILES POUR INHIBER DES PROTEINES KINASES**  
(71) **VERTEX PHARMACEUTICALS INCORPORATED** [US/US]; 130 Waverly Street, Cambridge, MA 02139-4242 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) **ARONOV, Alex** [RU/US]; 13 Circuit Lane, Watertown, MA 02472 (US). **LAUFER, David, J.** [US/US]; 254 Taylor Road, Stow, MA 01775 (US). **LI, Pan** [US/US]; 15 Mystic View Terrace, Arlington, MA 02474 (US). **TOMLINSON, Ronald, C.** [US/US]; 15 Intervale Road, Sudbury, MA 01776 (US).
- (74) **HALEY, James, F., Jr.**; c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 471/04, A61K 31/443  
(11) WO 2005/028476 (13) A1  
(21) PCT/FR2004/002347  
(22) 16 Sep/sep 2004 (16.09.2004)  
(25) fr (26) fr
- (30) 0310957 18 Sep/sep 2003 FR (18.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • **SUBSTITUTED INDOLIZINE 1,2,3,6,7,8 DERIVATIVES, FGFS INHIBITORS, A METHOD FOR THE PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAID DERIVATIVES**  
• **DERIVES D'INDOLIZINE 1,2,3,6,7,8 SUBSTITUEE, INHIBITEURS DES FGFS, LEUR PROCÉDE DE PRÉPARATION ET LES COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**  
(71) **SANOFI-AVENTIS** [FR/FR]; 174, avenue de France, F-75013 Paris (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) **ALCOUFFE, Chantal** [FR/FR]; 15, avenue du Bois Tardieu, F-92140 Clamart (FR). **BADORC, Alain** [FR/FR]; 1, rue Lacanal, F-31120 Roquettes (FR). **BONO, Françoise** [FR/FR]; 21, rue Philadelphie de Gerde, F-31300 Toulouse (FR). **BORDES, Marie-Françoise** [FR/FR]; 367, impasse d'Enroux, F-31860 Labarthe sur Leze (FR). **GUILLO, Nathalie** [FR/FR]; 66, quai de Tounis, F-31000 Toulouse (FR). **HERBERT, Jean-Marc** [FR/FR]; 10, rue de l'Amandier, F-31170 Tournefeuille (FR).
- (74) **TSITINI-SOULEAU, Maria**; Sanofi-Aventis, 174, avenue de France, F-75013 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 471/04, 487/04, 487/08, 471/08, A61K 31/435, A61P 25/00  
(11) WO 2005/028477 (13) A1  
(21) PCT/US2004/030735  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) en (26) en  
(30) 10/666,884 19 Sep/sep 2003 US (19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • **SUBSTITUTED DIAZABICYCLOALKANE DERIVATIVES AS LIGANDS AT ALPHA 7 NICOTINIC ACETY LCHOLINE RECEPTORS**  
• **DERIVES DE DIAZABICYCLOALKANE SUBSTITUES UTILISES EN TANT QUE LIGANDS AU NIVEAU DES RECEPTEURS ALPHA 7 DE L'ACETYLCHOLINE NICOTINIQUE**  
(71) **ABBOTT LABORATORIES** [US/US]; Dept. 377 Bldg AP6A-1, 100 Abbott Park

- Road, Abbott Park, Illinois 60064-6008 (US). **LI, Tao** [CN/US]; 33524 N. Gagewood Court, Grayslake, Illinois 60030 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BASHA, Anwer** [US/US]; 41 Heron Road, Lake Forest, Illinois 60045 (US). **BUNNELLE, William, H.** [US/US]; 1826 Victoria Road, Mundelein, Illinois 60060 (US). **DART, Michael, J.** [US/US]; 844 Yale Lane, Highland Park, Illinois 60035 (US). **GALLAGHER, Megan, E.** [US/US]; 2772 N. Lincoln Avenue, #205, Chicago, Illinois 60614 (US). **JI, Jianguo** [CN/US]; 1973 Sparrow Court, Libertyville, Illinois 60048 (US). **PACE, Jennifer, M.** [US/US]; 343 Stevens Court, Grayslake, Illinois 60030 (US). **RYTHER, Keith, B.** [US/US]; 862 Waterview Drive, Round Lake Park, Illinois 60073 (US). **TIETJE, Karin, R.** [US/US]; 485 Killarney Pass Circle, Mundelein, Illinois 60060 (US). **MORTELL, Kathleen, H.** [US/US]; 2018 N. Oakley Avenue, Chicago, Illinois 60647 (US). **NERSESIAN, Diana, L.** [US/US]; 4207 Coral Berry Path #103, Gurnee, Illinois 60031 (US). **SCHRIMPF, Michael, R.** [US/US]; 327 Cambridge Drive, Grayslake, Illinois 60030 (US).
- (74) **CHEN, Portia et al.** / etc.; Dept. 377 Bldg AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> C07D 473/00
- (11) WO 2005/028479 (13) A2
- (21) PCT/EP2004/052262
- (22) 21 Sep/sep 2004 (21.09.2004)
- (25) en (26) en
- (30) PCT/EP03/50659 25 Sep/sep 2003 EP (25.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HIV REPLICATION INHIBITING PURINE DERIVATIVES  
• DERIVES DE PURINE SERVANT A INHIBER LA REPLICATION DU VIH
- (71) JANSSEN PHARMACEUTICA N.V. [BE/BE]; Turnhoutseweg 30, B-2340 Beerse (BE).  
(for all designated States except / pour tous les États désignés sauf US)
- (71) **ARTS, Frank, Xavier, Jozef, Herwig** (legal representative of the deceased inventor / représentant légal de l'inventeur décédé) [BE/BE]; Voshollei 36, B-2390 Brasschaat (BE).  
(only for / seulement pour US)
- (72) **JANSSEN, Paul, Adriaan, Jan** (deceased / décédé).
- (72, 75) **LEWI, Paulus, Joannes** [BE/BE]; c/o Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **DE JONGE, Marc, René** [NL/NL]; c/o Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **KOYMANS, Lucien, Maria, Henricus** [NL/BE]; c/o Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **DAEYAERT, Frederik, Frans, Desiré** [BE/BE]; c/o Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **HEERES, Jan** [NL/BE]; c/o Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **VINKERS, Hendrik, Maarten** [NL/BE]; c/o Janssen Pharmaceutica N.V., Turnhoutseweg 30, B-2340 Beerse (BE). **LEENDERS, Ruben, Gerardus,**
- George** [NL/NL]; c/o Mercachem, Toer-nooiveld 100, NL-6503 CB Nijmegen (NL). **VANDENPUT, Dirk, Alfons, Leo** [NL/NL]; c/o Mercachem, Toer-nooiveld 100, NL-6503 CB Nijmegen (NL).
- (74) **JANSSEN PHARMACEUTICA N.V.**; Turnhoutseweg 30, B-2340 Beerse (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(t) for all designations / pour toutes les désignations  
(u) for / pour US only / seulement
- (51)<sup>7</sup> C07D 487/00
- (11) WO 2005/028480 (13) A2
- (21) PCT/US2004/028663
- (22) 3 Sep/sep 2004 (03.09.2004)
- (25) en (26) en
- (30) 60/500,033 3 Sep/sep 2003 US (03.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • 5-ARYL-PYRAZOLO[4,3-D]PYRIMIDINES, PYRIDINES, AND PYRAZINES AND RELATED COMPOUNDS  
• 5-ARYL-PYRAZOLO[4,3-D]PYRIMIDINES, PYRIDINES, ET PYRAZINES ET COMPOSES ASSOCIES
- (71) **NEUROGEN CORPORATION** [US/US]; 35 Northeast Industrial Road, Branford, CT 06405 (US). **AVENTIS PHARMACEUTICALS INC.** [US/US]; 300 Somerset Corporate Boulevard, Bridgewater, NJ 08807-2854 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HODGETTS, Kevin, J.** [GB/US]; 224 Reservoir Road, Killingworth, CT 06419 (US). **JOHN, Stanly** [US/US]; 77 Vanderveer Drive, Basking Ridge, NJ 07920 (US). **MOORCROFT, Neil** [GB/US]; 603

Route 173, Bloomsbury, NJ 08804 (US). **SHUTSKE, Greg** [US/US]; 3 Dark Hollow Road, Pittstown, NJ 08867 (US). **KAISER, Bernd** [DE/US]; 93 Hintz Drive, Wallingford, CT 06492 (US). **YAMAGUCHI, Yasuchika** [JP/US]; 516 Lake Drive, Guilford, CT 06437 (US). **GE, Ping** [US/US]; 718R Higginum Road, Durham, CT 06422 (US). **HORVATH, Raymond, F.** [US/US]; 973 Little Meadow, Guilford, CT 06437 (US).

(74) **ALEXANDER, John, B. et al.** / etc.; Edwards & Angell, LLP, P.O. Box 55874, Boston, MA 02205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) *for / pour US only / seulement*

(51)<sup>7</sup> C07D 493/00

(11) WO 2005/028481 (13) A2

(21) PCT/US2004/030535

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,669 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FUSED PENTACYCLIC POLYETHERS  
• POLYETHERS PENTACYCLIQUES FUSIONNES

(71) UNIVERSITY OF NORTH CAROLINA AT WILMINGTON [US/US]; 601 S. College Road, Wilmington, NC 28403 (US). (*for all designated States except / pour tous les États désignés sauf US*)

(72, 75) **BADEN, Daniel, G.** [US/US]; 210 Braxlo Lane, Wilmington, NC 28409 (US). **WILLIAM, M., Abraham** [US/US]; 12811 S. Calusa Club Drive, Miami, FL 33186 (US). **BOURDELAIS, Andrea, J.** [US/US]; 110 Braxlo Lane, Wilmington, NC 28409 (US).

(74) **SARUSSI, Steven, J.**; McDonnell Boehnen Hulbert & Berghoff LLP, 300 South Wacker Drive, Suite 3100, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 493/22, A61K 31/366, 31/352, A61P 11/12

(11) WO 2005/028482 (13) A1

(21) PCT/US2004/030637

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,665 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • POLYETHER BREVETOXIN DERIVATIVES AS A TREATMENT FOR CYSTIC FIBROSIS, MUCOCILIARY DYSFUNCTION, AND PULMONARY DISEASES

• DERIVES DE BREVETOXINE DE POLYETHER UTILISES EN TANT QU'AGENTS THERAPEUTIQUES POUR TRAITER LA MUCOVISCIDOSE, UN DYSFONCTIONNEMENT MUCOCILIAIRE ET DES MALADIES PULMONAIRES

(71) UNIVERSITY OF NORTH CAROLINA AT WILMINGTON [US/US]; 601 S. College Road, Wilmington, NC 28403 (US). (*for all designated States except / pour tous les États désignés sauf US*)

(72, 75) **BADEN, Daniel, G.** [US/US]; 210 Braxlo Lane, Wilmington, NC 28409 (US). **ABRAHAM, William, M.** [US/US]; 12811 S. Calusa Club Drive, Miami, FL 33186 (US). **BOURDELAIS, Andrea, J.** [US/US]; 110 Braxlo Lane, Wilmington, NC 28409 (US).

(74) **SARUSSI, Steven, J.**; McDonnell Boehnen Hulbert & Berghoff LLP, 300 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/AU2004/001297

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 2003905153 22 Sep/sep 2003 AU (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS FOR THE SYNTHESIS OF MORPHINANE COMPOUNDS AND INTERMEDIATES THEREOF

• PROCEDE DE SYNTHESE DE COMPOSES DE MORPHINANE ET LEURS INTERMEDIAIRES

(71) **GLAXOSMITHKLINE AUSTRALIA PTY LTD** [AU/AU]; Princes Highway, Port Fairy, VIC 3284 (AU).

(*for all designated States except / pour tous les États désignés sauf US*)

(72, 75) **SMITH, Craig** [AU/AU]; Unit 1/2 Bank Street, Port Fairy, VIC 3284 (AU). **PURCELL, Stuart** [AU/AU]; Flat 1/109 Princes Highway, Port Fairy, VIC 3284 (AU). **WADDELL, Lucy** [AU/AU]; 1/7 Victoria Street, Port Fairy, VIC 3284 (AU). **HAYES, Nicholas** [AU/AU]; 1 Princes Street, Port Fairy, VIC 3284 (AU). **RITCHIE, Jarrod** [AU/AU]; PO Box 167, Port Fairy, VIC 3284 (AU).

(74) **CAINE, Michael, J. et al.** / etc.; Davies Colison Cave, 1 Nicholson Street, Melbourne, VIC 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 513/04, A61K 31/4353, 31/4365

(11) WO 2005/028484 (13) A1

(21) PCT/EP2004/010179

(22) 11 Sep/sep 2004 (11.09.2004)

(25) en (26) en

(30) 03021119.7 19 Sep/sep 2003 EP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • THIAZOLOPYRIDINE DERIVATIVES AS ADENOSINE RECEPTOR LIGANDS

• DERIVES DE THIAZOLOPYRIDINE EN TANT QUE LIGANDS DU RECEPTEUR D'ADENOSINE

(71) **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

(*for all designated States except / pour tous les États désignés sauf US*)

(72, 75) **NORCROSS, Roger, David** [GB/CH]; Alte Saline 20, CH-4310 Rheinfelden (CH).

(74) **POPPE, Regina**; Grenzacherstrasse 124, CH-4072 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07F 7/08, A01N 55/00

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(25) en (26) en

(30) 0322012.6 19 Sep/sep 2003 GB (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SILICON COMPOUNDS WITH MICRO-BIOCIDAL ACTIVITY  
• COMPOSES DE SILICIUM A ACTIVITE MICROBIOCIIDE

(71) SYNGENTA PARTICIPATIONS AG [CH/CH]; Intellectual Property Department, Schwarzwaldallee 215, CH-4058 Basel (CH). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) EHRENFREUND, Josef [AT/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH). LAMBERTH, Clemens [DE/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH). TOBLER, Hans [CH/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH). WALTHER, Harald [DE/CH]; Syngenta Crop Protection AG, Schwarzwaldallee 215, CH-4058 Basel (CH).

(74) OSBORN, Martin, Keith et al. / etc.; Intellectual Property Department, Syngenta Limited, P.O. Box 3538, Jealott's Hill Research Centre, Bracknell, RG42 6YA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/US2004/029399

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 60/502,788 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS OF REFINING SILANE COMPOUNDS  
• PROCEDES DE RAFFINAGE DE COMPOSES DE SILANE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) WASSMAN-WILKEN, Suzanne [US/US]; 101 Columbia Road, Morristown, NJ 07962 (US). KANSCHIK-CONRADSEN, Andreas [US/US]; 101 Columbia Road, Morristown, NJ 07962 (US). WILKEN, Joerg [US/US]; 101 Columbia Road, Morristown, NJ 07962 (US). WERNER, Christian [US/US]; 101 Columbia Road, Morristown, NJ 07962 (US).

(74) HOIRIIS, David et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07F 9/38

(11) WO 2005/028487 (13) A1

(21) PCT/US2004/030790

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,466 17 Sep/sep 2003 US (17.09.2003)

(30) 60/558,518 31 Mar/mar 2004 US (31.03.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS FOR RECOVERING A CRYSTALLINE PRODUCT FROM SOLUTION  
• PROCEDE DE RECUPERATION D'UN PRODUIT CRISTALLIN DANS UNE SOLUTION

(71) MONSANTO TECHNOLOGY LLC [US/US]; 800 North Lindbergh Boulevard, St. Louis, MI 63167 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAUPFEAR, Eric, A. [US/US]; c/o Monsanto Technology LLC, 800 North Lindbergh Boulevard, St. Louis, MO 63167 (US). CASANOVA, Eduardo, A. [US/US]; c/o Monsanto Technology LLC, 800 North Lindbergh Boulevard, St. Louis, MO 63167 (US). MEYER, Kenneth, S. [US/US]; c/o Monsanto Technology LLC, 800 North Lindbergh Boulevard, St. Louis, MO 63167 (US). CHIEN, Henry, H. [US/US]; c/o Monsanto Technology LLC, 800 North Lindbergh Boulevard, St. Louis, MO 63167 (US).

(74) KEIL, Vincent, M.; Senniger Powers, 1 Metropolitan Sq., 16th Floor, St. Louis, MI 63102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07F 9/58, 9/6558, 9/572, 9/6571, 9/6584, 9/653, 9/6539, 9/40, 9/6561

(11) WO 2005/028488 (13) A1

(21) PCT/US2004/029701

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 60/502,420 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HETEROARYL PHOSPHINYL AND THIOPHOSPHINYL COMPOUNDS FOR REGULATION OF GLUCOSE, TRIGLYCERIDES, AND LDL/HDL LEVELS

• COMPOSES HETEROARYLE PHOSPHINYLE ET THIOPHOSPHINYLE UTILES DANS LA REGULATION DES TAUX DE GLUCOSE, TRIGLYCERIDES ET LDL/HDL

(71) QUATRX PHARMACEUTICALS CO. [US/US]; 5430 Data Court, Suite 300, Ann Arbor, MI 48108 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRIDGES, Alexander, J. [US/US]; 3301 Textile Road, Saline, MI 48176-9789 (US).

(74) TULLY, Paul, S.; McDonnell, Boehnen, Hulbert Berghoff LLP, 300 South Wacker Drive, Suite 3100, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/504,579 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NOVEL ADENOSINE A3 RECEPTOR AGONISTS
• NOUVEAUX AGONISTES RECEPTEURS DE L'ADENOSINE A<SB>3</SB>

(71) KING PHARMACEUTICALS RESEARCH & DEVELOPMENT, INC. [US/US]; Centregreen Two, Suite 300, 4000 Centregreen Way, Cary, NC 27513 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARALDI, Pier, Giovanni [IT/IT]; Via Tulipani, I-44100 Ferrara (IT). MOORMAN, Allan, R. [US/US]; 3 Skipwith Court, Durham, NC 27707 (US). BOREA, Pier, A. [IT/IT]; Via del Turco 14, I-44100 Ferrara (IT).

(74) BUTLER, Gregory, B. et al. / etc.; Edwards & angell, LLP, P.O. Box 55874, Boston, MA 02205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)7 C07H 5/02, A61K 51/04

(11) WO 2005/028490 (13) A1

(21) PCT/US2004/030726

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/504,118 19 Sep/sep 2003 US (19.09.2003)

(30) 60/506,638 26 Sep/sep 2003 US (26.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HALOGENATED DEOXY-GLUCOSE LABELED TARGETING MOLECULES
• MOLECULES DE CIBLAGE ETIQUETTES DEOXY-GLUCOSE HALOGENEES

(71) THESEUS IMAGING CORPORATION [US/US]; One Innovation Drive, Biotech No. 3, Fourth Floor, Worcester, MA 01605 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLANKENBERG, Francis, G. [US/US]; 1965 Avy Avenue, Menlo Park, CA 94025 (US). STEINMETZ, Neil [US/US]; 548 Muirfield Drive, Atlantis, FL 33462 (US). VANDERHEYDEN, J., L. [US/US]; 7 Jackstraw Path, Westboro, MA 01581 (US).

(74) REMILLARD, Jane, E. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2005/028491 (13) A1

(21) PCT/CN2004/001070

(22) 20 Sep/sep 2004 (20.09.2004)

(25) zh (26) zh

(30) 03150998.3 19 Sep/sep 2003 CN (19.09.2003)

(30) 03150997.5 19 Sep/sep 2003 CN (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EPIMEREDI GLYCOSIDE A, THE FORMULATION CONTAINING THEREOF AND THEIR PREPARATION METHOD
• EPIMEREDI GLYCOSIDE A, FORMULATION CONTENANT EPIMEREDI GLYCOSIDE A ET LEUR PROCEDE DE PREPARATION

(71) SHANGHAI YAO GANG BIOLOGICAL TECHNOLOGY CO., LTD. [CN/CN]; Rm.613, 333 Hong Qiao Road, Shanghai 200030 (CN). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUANG, Huan [CN/CN]; Rm.613, 333 Hong Qiao Road, Shanghai 200030 (CN).

(74) SHANGHAI ZHI XIN PATENT AGENT LTD.; 10F, Italy Building, 446 Zhao Jia Bang Road, Shanghai 200031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR

TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US; (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)7 C07H 17/08

(11) WO 2005/028492 (13) A1

(21) PCT/FR2004/002349

(22) 16 Sep/sep 2004 (16.09.2004)

(25) fr (26) fr

(30) 0310836 16 Sep/sep 2003 FR (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CRYSTALLINE COMPOUND OF 4'-DEMETHYL-4'-PHOSPHATE-2",3"-BISPENTAFLUOROPHENOXACETYL-4",6"-ETHYLIDENE-SG(B)-D-EPIPODOPHYLLOTOXIN GLUCOSIDE EITHER IN ITS FREE FORM OR SOLVATED WITH ETHANOL

• COMPOSE CRISTALLIN SOUS FORME DE LIBRE OU DE SOLVATE AVEC L'ETHANOL DE 4'-METHYL-4'-PHOSPHATE2",3"-BISPENTAFLUOROPHENOXACETYL-4",6"-ETHYLIDENE-β-D-GLUCOSIDE D'EPIPODOPHYLLOTOXINE

(71) PIERRE FABRE MEDICAMENT [FR/FR]; 45, place Abel Gance, F-92100 Boulogne-Billancourt (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUMINSKI, Yves [FR/FR]; 17, rue Jacques Prévert, F-81090 Lagarrigue (FR). IMBERT, Thierry [FR/FR]; 16, route de Saix, F-81290 Viviers-les-Montagne (FR). KRUCZYNSKI, Anna [FR/FR]; 3, rue Jean de la Fontaine, F-81100 Castres (FR).

(74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cédex 17 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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Declaration / Déclaration :

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(51)<sup>7</sup> C07H 17/08, A61K 31/7048, A61P 31/04

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(21) PCT/US2004/029836

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 60/502,419 12 Sep/sep 2003 US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ANTIMICROBIAL DERIVATIVES

• DERIVES ANTIMICROBIENS

(71) CHIRON CORPORATION [US/US]; 4560  
Horton Street, Emeryville, CA 94608-2916  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) LIN, Xiaodong [CN/US]; c/o Chiron  
Corporation, P.O.Box 8097, Emeryville, CA  
94662-8097 (US). CHU, Daniel [US/US];  
c/o Chiron Corporation, P.O. Box 8097,  
Emeryville, CA 94662-8097 (US).

(74) COLLIER, Steven, W. et al. / etc.; Chi-  
ron Corporation, Intellectual Property R-338,  
P.O.Box 8097, Emeryville, CA 94662-8097  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> C07H 19/10, 19/20, 21/02, 21/04

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(22) 1 Mar/mar 2004 (01.03.2004)

(25) ja (26) ja

(30) 2003-310436 2 Sep/sep 2003 JP  
(02.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS FOR PRODUCING 5'-PHOS-  
PHITYLATED MONOMER AND  
H-PHOSPHONATE OLIGONU-  
CLEOTIDE DERIVATIVE

• PROCEDE DE PRODUCTION D'UN  
MONOMERE 5'-PHOSPHITYLE ET  
D'UN DERIVE D'OLIGONUCLEOTIDE  
H-PHOSPHONATE

(71, 72) WADA, Takeshi [JP/JP]; 4-11-42-301,  
Asahi-cho, Kashiwa-shi, Chiba 277-0852  
(JP). KATO, Yukiko [JP/JP]; 1-7-2-202,  
Nishi-Kashivadaai, Kashiwa-shi, Chiba  
277-0886 (JP). OKA, Natsumisa [JP/JP];  
4-8-10-501, Higashi-machi, Kumamoto-shi,  
Kumamoto 862-0901 (JP). SAIGO,  
Kazuhiko [JP/JP]; 1-20-6-303, Mukougaoka,  
Bunkyo-ku, Tokyo 113-0023 (JP).

(74) KOBAYASHI, Hiroshi et al. / etc.; c/o Abe,  
Ikubo & Katayama, Fukuoka Bldg. 9th Fl.,  
8-7, Yaesu 2-chome, Chuo-ku, Tokyo 104-  
0028 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
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(21) PCT/EP2004/010779

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 0322383.1 24 Sep/sep 2003 GB  
(24.09.2003)

(30) 0322381.5 24 Sep/sep 2003 GB  
(24.09.2003)

(30) 0322387.2 24 Sep/sep 2003 GB  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ANTI-INFLAMMATORY GLUCOCOR-  
TICIDS

• GLUCOCORTICOÏDES ANTI-IN-  
FLAMMATOIRES

(71) GLAXO GROUP LIMITED [GB/GB];  
Glaxo Wellcome House, Berkeley Avenue,  
Greenford Middlesex UB6 0NN (GB).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BIGGADIKE, Keith [GB/GB]; Glaxo-  
SmithKline, Gunnels Wood Road, Stevenage  
Hertfordshire SG1 2NY (GB). WEIN-  
GARTEN, Gordon, Gad [GB/GB]; Glaxo-  
SmithKline, Gunnels Wood Road, Stevenage  
Hertfordshire SG1 2NY (GB).

(74) PRITCHARD, Judith; GlaxoSmithKline,  
Corporate Intellectual Property (CN925.1),  
980 Great West Road, Brentford Middlesex  
TW8 9GS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07K

(11) WO 2005/028496 (13) A2

(21) PCT/US2004/029908

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 60/503,148 12 Sep/sep 2003 US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VACCINE FOR TREATMENT AND  
PREVENTION OF HERPES SIMPLEX  
VIRUS INFECTION

• VACCIN POUR LE TRAITEMENT ET  
LA PREVENTION DE L'INFECTION  
PROVOQUEE PAR LE VIRUS DE  
L'HERPES SIMPLEX

(71) ANTIGENICS, INC. [US/US]; 630 Fifth  
Avenue, New York, NY 10111 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) TRUNEH, Alemseged [US/US]; 93  
Atkinson Lane, Sudbury, MA 01776 (US).  
LEVEY, Daniel, L. [US/US]; 400 E. 85th  
Street, New York, NY 10028 (US). MO, Xi-  
aoyan [CN/US]; 39 Joyce Lane, Boxborough,  
MA 01719 (US). LECLAIR, Kenneth, P.  
[US/US]; 46 Morton Street, Needham, MA  
02494 (US). KASHI, Ramesh, S. [US/US];  
4 Snowberry Road, Andover, MA 01810  
(US). LIU, Chuanliang [CN/US]; 23 Victor  
Street #23, Haverhill, MA 01832 (US).

(74) ANTLER, Adriane, M. et al. / etc.; Jones  
Day, 222 East 41st Street, New York, NY  
10017-6702 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C07K

(11) WO 2005/028497 (13) A2

(21) PCT/US2004/030135

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 60/502,610 15 Sep/sep 2003 US  
(15.09.2003)

- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • RECEPTOR BINDING PEPTIDES DERIVED FROM THE SARS S PROTEIN  
• PEPTIDES SE LIANT A DES RECEPTEURS DERIVES DE PROTEINES SARS S
- (71) THE BRIGHAM AND WOMEN'S HOSPITAL INC. [US/US]; 75 Francis Street, Boston, MA 02115 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FARZAN, Michael [US/US]; 213 Hamilton Street, Cambridge, MA 02139 (US). LI, Wenhui [CN/US]; 25 Peterborough Street, #16, Boston, MA 02215 (US).
- (74) SAMPLES, Kenneth, H. et al. / etc.; Fitch, Even, Tabin & Flannery, Suite 1600, 120 South LaSalle Street, Chicago, IL 60603 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07K
- (11) WO 2005/028499 (13) A2
- (21) PCT/US2004/030747
- (22) 20 Sep/sep 2004 (20.09.2004)
- (25) en (26) en
- (30) 60/504,123 19 Sep/sep 2003 US (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PEPTIDE THAT BINDS TO A BROADLY NEUTRALIZING ANTI-HIV ANTIBODY-STRUCTURE OF 4E10 FAB FRAGMENT COMPLEX, USES THEREOF, COMPOSITIONS THEREFROM  
• PEPTIDE DE LIAISON A UNE STRUCTURE D'ANTICORPS ANTI-VIH DE NEUTRALISATION GENERALE DU COMPLEXE DE FRAGMENT FAB 4E 10, SON UTILISATION ET DES COMPOSITIONS CORRESPONDANTES
- (71) THE SCRIPPS RESEARCH INSTITUTE [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) CARDOSO, Rosa; 424 Stratford, Ct., #A12, Del Mar, CA 92014 (US). WILSON, Ian; 1025 Newkirk Drive, La Jolla, CA 92037 (US). BURTON, Dennis; 6044 Beaumont Avenue, La Jolla, CA 92037 (US). DAWSON, Philip; 12956 Orangeburg Ave., San Diego, CA 92129 (US).
- (74) KOWALSKI, Thomas, J. et al. / etc.; Frommer Lawrence & Haugh LLP, 745 Fifth Avenue, New York, NY 10151 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07K
- (11) WO 2005/028498 (13) A2
- (21) PCT/US2004/030676
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/504,441 18 Sep/sep 2003 US (18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • KID3 AND KID3 ANTIBODIES THAT BIND THERETO  
• KID3 ET ANTICORPS DE LIAISON A KID3
- (71) RAVEN BIOTECHNOLOGIES, INC. [US/US]; Britannia Oyster Point, 1140 Veterans Boulevard, South San Francisco, CA 94080 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LIANG, Tony, W. [US/US]; 102 42nd Avenue, San Mateo, CA 94403 (US). LOO, Deryk, T. [CA/US]; 1509 Pine Knoll Drive, Belmont, CA 94002 (US). XU, Xiaolin [CN/US]; 4277 Diavila Ave., Pleasanton, CA 94588 (US).
- (74) ZHOU, Jie et al. / etc.; Morrison & Foester LLP, 755 Page Mill Road, Palo Alto, CA 94304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07K 1/14, C12P 1/00, C12M 1/00
- (11) WO 2005/028500 (13) A1
- (21) PCT/JP2004/012923
- (22) 6 Sep/sep 2004 (06.09.2004)
- (25) ja (26) ja
- (30) 2003-313567 5 Sep/sep 2003 JP (05.09.2003)
- (30) 2004-013257 21 Jan/jan 2004 JP (21.01.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD OF PREPARING SOLUTION HAVING COMPOSITION OF BIOLOGICAL COMPONENTS  
• PROCEDE DE PREPARATION D'UNE SOLUTION COMPORTANT UNE COMPOSITION DE COMPOSANTS BIOLOGIQUES
- (71) TORAY INDUSTRIES, INC. [JP/JP]; 2-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo, 1038666 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WADA, Shigehisa [JP/JP]; 15-B4-25, Sonoyama 2-chome, Otsu-shi, Shiga, 5200842 (JP). UTSUMI, Jun [JP/JP]; 10-15, Mukojima 3-chome, Sumida-ku, Tokyo, 1310033 (JP). FUJITA, Yoshiji [JP/JP]; 27-2, Honmachi 3-chome, Shibuya-ku, Tokyo, 1510071 (JP). SUGAYA, Hiroyuki [JP/JP]; 5-10, Aoyama 3-chome, Otsu-shi, Shiga, 5202101 (JP). YAMADA, Satoko [JP/JP]; 6-35-912, Torrigawa-cho, Otsu-shi, Shiga, 5200854 (JP).
- (74) IWAMI, Tomonori; c/o Intellectual Property Department TORAY INDUSTRIES, INC., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga, 5208558 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> C07K 5/08, A61P 31/12, 31/14, A61K 38/06
- (11) WO 2005/028501 (13) A1
- (21) PCT/CA2004/001658
- (22) 20 Sep/sep 2004 (20.09.2004)
- (25) en (26) en
- (30) 60/504,839 22 Sep/sep 2003 US (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MACROCYCLIC PEPTIDES ACTIVE AGAINST THE HEPATITIS C VIRUS  
• PEPTIDES MACROCYCLIQUES ACTIFS CONTRE LE VIRUS DE L'HEPATITE C
- (71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE]; Binger Strasse 173, 55216 Ingelheim (DE).  
*(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE*

SG SK SL SY SZ TJ TM TN TR TT TZ UA UG  
UZ VC VN YU ZA ZM ZW)

(71) **BOEHRINGER INGELHEIM PHARMA GMBH & CO KG** [DE/DE]; Binger Strasse 173, 55216 Ingelheim (DE).  
(only for / seulement pour DE)

(72, 75) **LLINAS-BRUNET, Montse** [CA/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA). **BAILEY, Murray** [CA/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA). **BHARDWAJ, Punit** [IN/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA). **FORGIONE, Pasquale** [CA/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA). **GHIRO, Elise** [CA/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA). **GOUDREAU, Nathalie** [CA/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA). **HALMOS, Teddy** [CA/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA). **RANCOURT, Jean** [CA/CA]; 2100 Cunard Street, Laval, Québec H7S 2G5 (CA).

(74) **OGILVY RENAULT**; c/o Boehringer Ingelheim (Canada) Ltd., 2100 Cunard Street, Laval, Québec H7S 2G5 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07K 5/10, 5/08, A61K 38/07, A61P 31/12

(11) WO 2005/028502 (13) A1

(21) PCT/US2004/030428

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,405 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INHIBITORS OF SERINE PROTEASES, PARTICULARLY HCV NS3-NS4A PROTEASE  
• INHIBITEURS DE SERINES PROTEASES, EN PARTICULIER DE LA PROTEASE NS3-NS4A DU VHC

(71) **VERTEX PHARMACEUTICALS, INCORPORATED** [US/US]; 130 Waverly Street, Cambridge, MA 02139-4242 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COTTRELL, Kevin, M.** [US/US]; 1697 Cambridge Street, #12, Cambridge, MA 02138 (US). **PERNI, Robert, P.** [US/US]; 130 Robert Road, Marlborough, MA 01752 (US). **PITLIK, Janos** [US/US]; 1 Robin Circle, Westborough, MA 01581 (US). **SCHAIRER, Wayne, C.** [US/US]; 135 Milk Street, Westborough, MA 01581 (US).

(74) **BADIA, Michael, C.**; Vertex Pharmaceuticals, Incorporated, 130 Waverly Street, Cambridge, MA 02139-4242 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K 7/08, C12N 15/09, C07K 16/18, C12Q 1/68, A61K 35/76, 39/395, A61P 31/12, G01N 33/50, 33/53

(11) WO 2005/028503 (13) A1

(21) PCT/JP2004/014312

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ja (26) ja

(30) 2003-330258 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PEPTIDE ORIGINATING IN HEPATITIS C VIRUS  
• PEPTIDE PROVENANT DU VIRUS DE L'HEPATITE C

(71) **GREEN PEPTIDE CO., LTD.** [JP/JP]; 10-4, Toori-machi, Kurume-shi, Fukuoka 8300018 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ITOH, Kyogo** [JP/JP]; 2-25-9, Keyakidai, Kiyama-machi, Miyaki-gun, Saga, 8410205 (JP). **YAMADA, Akira** [JP/JP]; 2-113, Mikunigaoka, Ogoori-shi, Fukuoka, 8380103 (JP). **SATA, Michio** [JP/JP]; 5-14-18, Nishijin, Sawara-ku, Fukuoka-shi, Fukuoka, 8140002 (JP).

(74) **OHNO, Seiji et al.** / etc.; Ohno & Partners, Kasumigaseki Building 36F, 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-6036 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07K 14/47, A61K 45/00

(11) WO 2005/028504 (13) A2

(21) PCT/US2004/030530

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,044 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • REGULATION OF TISSUE MINERALIZATION AND PHOSPHATE METABOLISM BY ASARM PEPTIDES  
• REGULATION DE LA MINERALISATION TISSULAIRE ET DU METABOLISME DU PHOSPHATE PAR DES PEPTIDES ASARM

(71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West Seventh Street, Austin, TX 78701 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROWE, Peter, S., N.** [GB/US]; 3711 Medical Drive, Apt. 622, San Antonio, TX 78229 (US).

(74) **MCKEON, Tina Williams et al.** / etc.; Needle & Rosenberg, P.C., Suite 1000, 999 Peachtree Street, Atlanta, GA 30309-3915 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K 14/705

(11) WO 2005/028505 (13) A2

(21) PCT/IL2004/000894

(22) 26 Sep/sep 2004 (26.09.2004)

(25) en (26) en

(30) 158140 25 Sep/sep 2003 IL (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTIEPITOPE POLYPEPTIDES FOR CANCER IMMUNOTHERAPY  
• POLYPEPTIDES A EPITOPES MULTIPLES POUR L'IMMUNOTHERAPIE ANTICANCEREUSE

(71) **HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD.** [IL/IL]; P.O. Box 12000, 91120 Jerusalem (IL). **YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM** [IL/IL]; High Tech Park, Edmond J Safra Campus, Givat Ram, P.O. Box 39135, 91390 Jerusalem (IL). **GAVISH-GALILEE BIO-APPLICATIONS LTD.** [IL/IL]; Kibbutz Galil-Yam, 46905 (IL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PERETZ, Tamar** [IL/IL]; 4/1 Pinchas Rosen Street, 96925 Jerusalem (IL).



- LOTEM, Michal [IL/IL]; 17 Sderot HaOmarim, 71908 Macabim (IL). FRANKENBURG, Shoshana [IL/IL]; 11 HaGadna Street, 93232 Jerusalem (IL). PITCOVSKI, Jacob [IL/IL]; 12391 Korazim (IL). LEVY, Adva [IL/IL]; B 848/5 Eshkol Street, 10200 Kiryat Shmona (IL). MARGALIT, Hanah [IL/IL]; 58 Mevo Pal-Yam Street, 97890 Jerusalem (IL). ALTUVIA, Yael [IL/IL]; 25 Alharizi Street, 92421 Jerusalem (IL).
- (74) LUZZATTO, Kfir et al. / etc.; P.O. Box 5352, 84152 Beer Sheva (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07K 14/71
- (11) WO 2005/028506 (13) A2
- (21) PCT/US2004/030358
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 60/503,270 15 Sep/sep 2003 US (15.09.2003)
- (30) 60/540,391 29 Jan/jan 2004 US (29.01.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CRYSTAL STRUCTURE OF FMS-LIKE TYROSINE KINASE
- STRUCTURE CRISTALLINE DE LA TYROSINE KINASE SEMBLABLE A FMS
- (71) VERTEX PHARMACEUTICALS INCORPORATED [US/US]; 130 Waverly Street, Cambridge, MA 02139 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GRIFFITH, James Paul [US/US]; 15 Wood Ridge Circle, Weston, MA 02493 (US). BLACK, James Roger [US/US]; 40 Cherry Street, Wenham, MA 01984 (US). FAERMAN, Carlos H. [CA/US]; 41 Mohawk Drive, Acton, MA 01720 (US). SWENSON, Lovorka Lora [CA/US]; 5 David Road, Belmont, MA 02478 (US). WYNN, Michael Andrew [US/US]; 19 Cross Street, Salem, MA 01970 (US). LU, Fan [US/US]; 59 Bridge Street, Newton, MA 02458 (US). LIPPKE, Judith A. [US/US]; 307 South Street, Chestnut Hill, MA 02467 (US). SAXENA, Kumkum [IN/US]; 8 Dotty Ann Drive, Framingham, MA 01701 (US).
- (74) HALEY, James F., Jr. et al. / etc.; c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (21) PCT/EP2004/010489
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- (30) 0321997.9 19 Sep/sep 2003 GB (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NOGO-A BINDING MOLECULES AND PHARMACEUTICAL USES THEREOF
- MOLECULES SE LIANT A NOGO-A ET UTILISATION PHARMACEUTIQUE DE CELLES-CI
- (71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).  
*(for all designated States except / pour tous les États désignés sauf AT US)*
- (71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Stasse 59, A-1230 Vienna (AT).  
*(only for / seulement pour AT)*
- (71) UNIVERSITY OF ZURICH [CH/CH]; Rämistrasse 71, CH-8006 Zurich (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BARSKE, Carmen [DE/DE]; Birkenweg 10, 79540 Loerrach (DE). FRENTZEL, Stefan [DE/DE]; Theodor-Heuss-Strasse 46, 79539 Lörrach (DE). MIR, Anis, Khuro [GB/FR]; 6, rue des Vosges, F-68870 Bartenheim (FR). SCHWAB, Martin, E. [CH/CH]; Berninastrasse 96, CH-8057 Zurich (CH). VITALITI, Alessandra [CH/CH]; CH-6981 Bedigliora (CH).
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07K 16/00, A61K 39/395, C12N 15/13, 5/18, G01N 33/50, A61P 31/04
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- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • TLR2 ANTAGONISTIC ANTIBODY AND USE THEREOF
- ANTICORPS ANTAGONISTE DU TLR2 ET UTILISATION
- (71) TECHNISCHE UNIVERSITAET MUENCHEN [DE/DE]; Arcisstrasse 21, 80333 Muenchen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KIRSCHNING, Carsten, Juergen [DE/DE]; Sachranger Str. 2, 81549 Muenchen (DE). MENG, Guangxun

- [CN/DE]; Schluesselbergstr. 10/5, 81673 Muenchen (DE). WAGNER, Hermann [DE/DE]; Kaarganger Str. 36, 82279 Eching (DE).
- (74) BEHNISCH, Werner; Patent Attorneys Reinhard, Skuhra, Weise & Partner GbR, Friedrichstrasse 31, 80801 Muenchen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHODS, KITS, AND COMPOSITIONS FOR THE DEVELOPMENT AND USE OF MONOCLONAL ANTIBODIES SPECIFIC TO ANTIGENS TRADITIONALLY OF LOW IMMUNOGENICITY
- METHODES, TROUSSES ET COMPOSITIONS PERMETTANT DE DEVELOPPER ET D'UTILISER DES ANTICORPS MONOCLONAUX SPECIFIQUES D'ANTIGENES PRESENTANT HABITUELLEMENT UNE FAIBLE ANTIGENICITE
- (71, 72) KISELEV, Vsevolod Ivanovich [RU/RU]; Bolshoi Chermushkinsky, 25-16, Moscow, 113149 (RU). SVESHNIKOV, Petr Georgiyevich [RU/RU]; Simpheropolsky Blvd., 37/14-28, Moscow, 117639 (RU).
- (74) EGOROVA, Galina et al. / etc.; Law Firm Gorodissky & Partners Ltd., B. Spasskaya ul., 25, stroenie 3, Moscow, 129010 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 60/458,469 28 Mar/mar 2003 US (28.03.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ANTI-AMYLOID ANTIBODIES, COMPOSITIONS, METHODS AND USES
- ANTICORPS ANTI-AMYLOIDES, COMPOSITIONS, PROCEDES ET UTILISATIONS
- (71) CENTOCOR, INC. [US/US]; 200 Great Valley Parkway, Malvern, PA 19355 (US).
- (71, 72) MERCKEN, Marc [BE/BE]; Turnhoutseweg 30, B-2340 Beerse (BE). BENSON, Jacqueline, M. [US/US]; 5 Oak Glen Drive, Malvern, PA 19355 (US).
- (74) JOHNSON, Philip, S. et al. / etc.; One Johnson and Johnson Plaza, New Brunswick, NJ 08933 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • PRO-INFLAMMATORY AND ANTI-INFLAMMATORY ANTIBODIES AGAINST THE HEPARIN-BINDING PROTEIN (HBP)
- ANTICORPS PRO-INFLAMMATOIRES ET ANTI-INFLAMMATOIRES LUTTANT CONTRE LA PROTEINE LIANT L'HEPARINE (HBP)
- (71) LEUKOTECH A/S [DK/DK]; Fruebjergvej 3, DK-2100 Copenhagen Ø (DK). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DJURUP, René [DK/DK]; Middelvej 23, DK-2820 Gentofte (DK).
- FLODGAARD, Hans, Jakob [DK/DK]; Melvillevej 6, DK-2900 Hellerup (DK). NORRIS, Kjeld [DK/DK]; Broholm Allé 18, DK-2920 Charlottenlund (DK).
- (74) HØIBERG A/S; St. Kongensgade 59 A, DK-1264 Copenhagen K (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration : (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)<sup>7</sup> C07K 16/22
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- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HIGH-YIELD METHOD FOR THE PRODUCTION OF HUMAN ANTIBODIES BLOCKING THE BIOLOGICAL ACTIVITY OF A HUMAN CYTOKINE
- PROCEDE A HAUT RENDEMENT POUR L'OBTENTION D'ANTICORPS HUMAINS NEUTRALISANT L'ACTIVITE BIOLOGIQUE D'UNE CYTOKINE HUMAINE
- (71) NEOVACS [FR/FR]; 59 avenue Victor Hugo, F-75016 Paris (FR). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BIZZINI, Bernard [FR/FR]; 65 rue du Roc, F-81000 Albi (FR). COHEN, Paul [FR/FR]; 21 quai de Bourbon, F-75004 Paris (FR). LE BUANEC, Hélène [FR/FR]; 29 rue Poliveau, F-75005 Paris (FR). ZAGURY, Daniel [FR/FR]; 1 avenue Frédéric Le play, F-75007 Paris (FR).
- (74) CATHERINE, Alain et al. / etc.; c/o Cabinet Harle et Phelip, 7 rue de Madrid, F-75008 Paris (FR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> C07K 16/24, 16/28, A61P 37/00, A61K  
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- (25) en (26) en
- (30) 103 44 206.5 22 Sep/sep 2003 DE  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • USE OF A COMPOUND FOR REDUCING  
THE BIOLOGICAL EFFECTIVENESS OF IL-6
- UTILISATION D'UN COMPOSE POUR  
REDUIRE L'EFFICACITE BIOLOGIQUE DE L'IL-6
- (71) BIOVATION GMBH & CO. KG. [DE/DE];  
Goltzstr. 52, 10781 Berlin (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) SHERIFF, Ahmed [DE/DE]; Sächsische  
Strasse 35, 10713 Berlin (DE). VOGT, Birgit  
[DE/DE]; Antwerpener Str. 49, 13353 Berlin  
(DE).
- (74) MEYERS, Hans-Wilhelm et al. / etc.; Post-  
fach 10 22 41, 50462 Köln (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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5/10, C12P 21/08, A61K 39/395, A61P 3/10,  
5/06, 35/00, G01N 33/15, 33/50
- (11) WO 2005/028515 (13) A1
- (21) PCT/JP2004/014453
- (22) 24 Sep/sep 2004 (24.09.2004)
- (25) ja (26) ja
- (30) 2003-331509 24 Sep/sep 2003 JP  
(24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • RECOMBINANT ANTIBODY  
AGAINST HUMAN INSULIN-LIKE  
GROWTH FACTOR
- ANTICORPS DE RECOMBINAISON  
DIRIGE CONTRE LE FACTEUR  
DE CROISSANCE SEMBLABLE A  
L'INSULINE HUMAIN
- (71) KYOWA HAKKO KOGYO CO., LTD.  
[JP/JP]; 6-1, Ohtemachi 1-chome, Chiy-  
oda-ku, Tokyo 1008185 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) SHITARA, Kenya NAKAMURA,  
Kazuyasu OHKI, Yuji
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> C07K 19/00
- (11) WO 2005/028516 (13) A2
- (21) PCT/DK2004/000625
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- (25) en (26) en
- (30) PA 2003 01366 19 Sep/sep 2003 DK  
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(24.09.2003)
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(04.12.2003)
- (30) 60/526,864 4 Dec/déc 2003 US  
(04.12.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NOVEL PLASMA PROTEIN AFFINITY  
TAGS
- NOUVELLES ETIQUETTES  
D'AFFINITE POUR LES PROTEINES  
PLASMIQUES
- (71) NOVO NORDISK A/S [DK/DK]; Novo  
Allé, DK-2880 Bagsværd (DK).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) DÖRWALD, Florencio Zaragoza  
[DE/DK]; Nöddelunden 22, DK-2765  
Smørum (DK). PESCHKE, Bernd  
[DE/DK]; Eskebjerggård 56, 2 tv, DK-2760  
Måløv (DK).
- (74) NOVO NORDISK A/S; Corporate Patents,  
Novo Allé, DK-2880 Bagsværd (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (11) WO 2005/028518 (13) A2
- (21) PCT/KR2004/002214
- (22) 2 Sep/sep 2004 (02.09.2004)
- (25) en (26) en
- (30) 10-2003-0066524 25 Sep/sep 2003 KR  
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- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • APPARATUS FOR MANUFACTURING  
PACKING VINYL-ENVELOPE STRIP  
AND METHOD OF MANUFACTURING  
SUCH PACKING VINYL-ENVELOPE  
STRIP USING THE SAME
- APPAREIL DE PRODUCTION D'UNE  
BANDE D'ENVELOPPE VINY-  
LIQUE D'EMBALLAGE ET PRO-  
CEDE DE PRODUCTION DE LADITE

BANDE D'ENVELOPPE VINYLIQUE  
D'EMBALLAGE L'UTILISANT

- (71, 72) YOU, Jae Soon [KR/KR]; 103-109 Saetbyeol APT., Wolpyeong2-Dong, Seo-gu, Daejeon 302-759 (KR).
- (74) SHONG, Jea Wok; Federation of Fisheries Cooperative Main Bldg. #402, 917, Dunsan2-dong, Seo-ku, Daejeon 302-122 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08F

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- (21) PCT/US2004/004770
- (22) 18 Feb/fév 2004 (18.02.2004)
- (25) en (26) en
- (30) 60/448,578 19 Feb/fév 2003 US (19.02.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • POLYMER MATRIXES HAVING NANOSCALE CHANNELS AND USES  
• MATRICES POLYMERES DOTEES DE CANAUX A ECHELLE NANOMETRIQUE ET LEURS UTILISATIONS
- (71) VANDERBILT UNIVERSITY [US/US]; 305 Kirkland Hall, Nashville, TN 37240 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HOFMEISTER, William, H. [US/US]; 3023 New Natchez Terrace, Nashville, TN 37215 (US). WRIGHT, David, W. [US/US]; 7026 Northridge Drive, Nashville, TN 37221 (US).
- (74) HUTTER, Jacqueline, M. et al. / etc.; Needle & Rosenberg, P.C., Suite 1000r Building, 999 Peachtree Street, Atlanta, GA 30309-3915 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08F 4/52, 4/64, 4/72, 4/76, 10/00

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- (21) PCT/SG2004/000297
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- (25) en (26) en
- (30) 10/668,850 22 Sep/sep 2003 US (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CARBORANE TRIANION BASED CATALYST  
• CATALYSEUR A BASE DE TRIANION DE CARBORANE
- (71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH [SG/SG]; 20 Biopolis Way #07-01, Centros, Singapore 138668 (SG).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ZHU, Yinghuai [CN/SG]; c/o Institute of Chemical and Engineering Sciences, 1 Pesek Road, Jurong Island, Singapore 627833 (SG).

- (74) VIERING, JENTSCHURA & PARTNER; P.O. Box 1088, Rochor Post Office, Rochor Road, Singapore 911833 (SG).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08F 6/00, 8/04

- (11) WO 2005/028521 (13) A1
- (21) PCT/US2004/029515
- (22) 9 Sep/sep 2004 (09.09.2004)
- (25) en (26) en
- (30) 03020760.9 12 Sep/sep 2003 EP (12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A POLYALPHAOLEFIN HAVING A LOW HALIDE CONCENTRATION AND A METHOD OF MANUFACTURING THEREOF  
• POLYALPHAOLEFINE A FAIBLE CONCENTRATION EN HALOGENURE ET PROCEDE DE PREPARATION CORRESPONDANT
- (71) SHELL OIL COMPANY [US/US]; One Shell Plaza, P.O. Box 2463, Houston, Texas 77252-2463 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BIRKE, Peter [DE/DE]; Am Haupttor, D-06237 Leuna (DE). MORRIS, Kristi, Ann [US/US]; 1410 Ivory Crossing Court, Seabrook, Texas 77586 (US).

NEUBAUER, Hans-Dieter [DE/DE]; Am Haupttor, Gebäude 8322, D-06237 Leuna (DE). SCHOEDEL, Rainer [DE/DE]; Am Haupttor, Gebäude 8322, D-06237 Leuna (DE).

- (74) STEWART, Charles, W.; SHELL OIL COMPANY, One Shell Plaza, P.O. Box 2463, Houston, Texas 77252-2463 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08F 8/20, H01M 4/86, 8/02

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- (21) PCT/JP2004/013241
- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) ja (26) ja
- (30) 2003-318243 10 Sep/sep 2003 JP (10.09.2003)
- (30) 2004-226891 3 Aug/août 2004 JP (03.08.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • STABILIZED FLUOROPOLYMER AND METHOD FOR PRODUCING SAME  
• FLUOROPOLYMERE STABILISE ET SON PROCEDE DE PRODUCTION
- (71) ASAHI KASEI KABUSHIKI KAISHA [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka, 5308205 (JP). DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome, Kita-ku, Osaka-Shi, Osaka, 5308323 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HONDA, Eiji [JP/JP]; 127-9, Makigahara, Asahi-ku, Yokohama-shi, Kanagawa, 2410836 (JP). IJIMA, Hideki [JP/JP]; 390-6, Samejima, Fuji-shi, Shizuoka, 4160934 (JP). HASHIMOTO, Yasuhiro [JP/JP]; 1017-10, Mitsuzawa, Fuji-shi, Shizuoka, 4170855 (JP). INO, Tadashi [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Yodogawa Plant. 1-1, Nishihitotsuya, Settsu-shi, Osaka, 5668585 (JP). ISAKA, Tadaharu [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Yodogawa Plant. 1-1, Nishihitotsuya, Settsu-shi, Osaka, 5668585 (JP). KONDO, Masahiro [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Yodogawa Plant. 1-1, Nishihitotsuya, Settsu-shi, Osaka, 5668585 (JP).
- (74) YASUTOMI, Yasuo et al. / etc.; Chuo BLDG. 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka, 5320011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU TT SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C08F 18/08, 16/06, 16/38

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(21) PCT/EP2004/010438

(22) 17 Sep/sep 2004 (17.09.2004)

(25) de (26) de

(30) 103 43 607.3 20 Sep/sep 2003 DE (20.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NOVEL POLYVINYL ALCOHOLS AND NOVEL POLYVINYL ALCOHOL COPOLYMERS

• NOUVEAUX ALCOOLS POLYVINYLIQUES ET NOUVEAUX COPOLYMERES D'ALCOOL POLYVINYLIQUE

(71) CELANESE VENTURES GMBH [DE/DE]; 65926 Frankfurt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHULTE, Jörg, Ludwig [DE/DE]; Konrad-Brossnitz-Strasse 32, 60487 Frankfurt (DE). DICKNER, Tim [DE/DE]; Solmsstrasse 77, 60486 Frankfurt (DE). BRUCKMANN, Monika [DE/DE]; Kleine Nelkenstrasse 4, 60488 Frankfurt (DE). SCHOTTEK, Jörg [DE/DE]; Ginnheimerstrasse 39d, 60487 Frankfurt (DE). BLANK, Uwe [DE/DE]; Am Hohen Stein 18, 65203 Wiesbaden (DE).

(74) DÖRR, Klaus et al. / etc.; Industriepark Höchst, F 821, 65926 Frankfurt (DE).

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(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/US2004/030675

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en

(26) en

(30) 60/504,180 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PLURAL ELEMENT COMPOSITE MATERIALS, METHODS FOR MAKING AND USING THE SAME

• MATERIAU COMPOSITE EN PLUSIEURS ELEMENTS ET SES PROCÉDES DE FABRICATION ET D'UTILISATION

(71) SEGAN INDUSTRIES, INC. [US/US]; P.O. Box 367, Burlingame, CA 94011-0367 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIBI, Hans, O. [US/US]; P.O. Box 367, Burlingame, CA 94011-0367 (US).

(74) FIELD, Bret, E.; Bozicevic, Field & Francis LLP, Suite 200, 1900 University Avenue, East Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) de (26) de

(30) 10343901.3 19 Sep/sep 2003 DE (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ETHYLENE TERPOLYMERS CONTAINING AMIDE GROUPS AND THE USE THEREOF

• TERPOLYMERES D'ETHYLENE CONTENANT DES GROUPES AMIDE ET UTILISATION

(71) BASF Aktiengesellschaft [—/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FECHTENKÖTTER, Andreas [DE/DE]; Carl-Auer-Str. 14, 67063 Ludwigshafen (DE). STAUDT-BICKEL, Claudia [DE/DE]; Ladenburger Strasse 3A, 69120 Heidelberg (DE).

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SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08F 210/02, 4/62

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(21) PCT/EP2004/008336

(22) 26 Jul/juil 2004 (26.07.2004)

(25) fr (26) fr

(30) 0309930 13 Aug/août 2003 FR (13.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CATALYTIC SYSTEM FOR THE PRODUCTION OF CONJUGATED DIENE/MONO-OLEFIN COPOLYMERS AND COPOLYMERS THEREOF

• SYSTÈME CATALYTIQUE POUR L'OBTENTION DE COPOLYMERES DIÈNE(S) CONJUGUÉ(S) / MONO-OLÉFINE(S) ET CES COPOLYMERES

(71) SOCIETE DE TECHNOLOGIE MICHELIN [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR).

(for all designated States except / pour tous les États désignés sauf CA MX US)

(71) MICHELIN RECHERCHE ET TECHNIQUE S.A. [CH/CH]; Route Louis Braille, 10 et 12, CH-1763 Granges-Paccot (CH). ATOFINA RESEARCH [BE/BE]; Zone Industrielle C, B-7181 Senefé (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOISSON, Christophe [FR/FR]; 155, rue Léon Blum, F-69100 Villeurbanne (FR). MONTEIL, Vincent [FR/FR]; Rue des Ors, F-26100 Romans sur Isère (FR). SPITZ, Roger [FR/FR]; 30, rue Jean Broquin, F-69006 Lyon (FR).

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(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08F 220/00, 8/36, 8/32, C11D 3/34

(11) WO 2005/028527 (13) A1

(21) PCT/EP2004/007863

(22) 15 Jul/juil 2004 (15.07.2004)

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- (30) 103 39 332.3 **25 Aug/août 2003** DE  
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- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COPOLYMERS CONTAINING SULFONIC ACID GROUPS AND CARBOXYL GROUPS  
• COPOLYMÈRES CONTENANT DES GROUPES ACIDE SULFONIQUE ET DES GROUPES CARBOXYLE
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).  
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- (72, 75) GUZMANN, Marcus [DE/DE]; Theodor-Heuss-Strasse 2, 69242 Mühlhausen (DE). BECKER, Heike [DE/DE]; Emil-Heckel-Strasse 16, 68163 Mannheim (DE). MICHL, Kathrin [DE/DE]; Marienstrasse 18, 67063 Ludwigshafen (DE). KINGMA, Arend, Jouke [NL/DE]; Rüdigerstrasse 48, 67069 Ludwigshafen (DE). NIED, Stefan [DE/DE]; Pfarrer-Nardini-Strasse 12, 67435 Neustadt/Wstr. (DE).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C08F 220/04, 120/06, 126/02, 216/06, 226/02, 226/10, A61K 31/13, 47/32, A61P 31/12
- (11) WO 2005/028528 (13) A1
- (21) PCT/RU2003/000417
- (22) 23 Sep/sep 2003 (23.09.2003)
- (25) ru (26) ru
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • 3,5-DIMETHYL-1-ADAMANTYL-AMMONIUM POLYMERIC SALTS AND THE USE THEREOF IN THE FORM OF ANTIVIRAL AGENTS  
• SELS POLYMERIQUES DE 3,5-DIMETHYL-1-ADAMANTYL-AMMONIUM ET LEUR UTILISATION EN TANT QU'AGENTS ANTIVIRAUX
- (71) AKCIJU SABIEDRIBA "OLAINES KIMISKO-FARMACEITISKA RUPNICA" [LV/LV]; 5 Rupnicu iela, LV-2114 Olaine (LV).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARCHUKOV, Valery Fleksandrovich [RU/RU]; Rybatsky pr., 5-1-49, St.Petersburg, 193076 (RU). PLATONOV, Vitaly Georgievich [RU/RU]; ul. Olgi Forsh, 11-1-80, St. Petersburg, 195269 (RU). SELKOV, Sergei Alekseevich [RU/RU]; ul. Blohina, 5/2-2, St. Petersburg, 197198 (RU). CHERNOBROVY, Aleksandr Nikolaevich [LV/LV]; ul. Parka, 1-13, LV-2114 Olaine (LV).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C08F 297/02, C08L 53/00, C09J 153/00, C08F 8/00
- (11) WO 2005/028529 (13) A2
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- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 60/503,280 **16 Sep/sep 2003** US  
(16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • BLOCK COPOLYMERS OF ALPHA METHYLENE LACTONE(AM)S  
• COPOLYMERES BLOCS DE LACTONE(AM)S D'ALPHA METHYLENE
- (71) E.I. DUPONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, Delaware 19898 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRANDENBURG, Charles, J. [US/US]; 510 Langwater Drive, Newark, Delaware 19711 (US). MANZER, Leo, Ernest [US/US]; 714 Burnley Road, Wilmington, Delaware 19803 (US). SUBRAMANIAN, Pallatheri [US/US]; 110 Cameron Drive, Hockessin, Delaware 19707 (US).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en
- (30) 10/663,324 **15 Sep/sep 2003** US  
(15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • VINYL ESTER HOSE AND METHOD FOR MANUFACTURE OF SUCH HOSE  
• TUYAU D'ESTER DE VINYLE ET SON PROCEDE DE FABRICATION
- (71) DAYCO PRODUCTS, LLC [US/US]; 1 Prestige Place, Miamisburg, OH 45342 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BECK, Harold, D. [US/US]; 7413 E. Farm Road 112, Strafford, MO 65757 (US). THACKER, James, C. [US/US]; 3185 SE 19th Ave., Ocala, FL 34471 (US).
- (74) BECKER, Robert, W.; Robert W. Becker & Associates, 707 Highway 66 East, Suite B, Tijeras, NM 87059 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C08G
- (11) WO 2005/028531 (13) A2
- (21) PCT/US2004/031018
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 10/666,415 **19 Sep/sep 2003** US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESS FOR HEATING PET PELLET FEED TO A SOLID STATING PROCESS BY HEAT EXCHANGE WITH HOT SOLID STATED PELLETS  
• PROCEDE DE CHAUFFAGE D'UNE CHARGE DE PASTILLES DE PET JUSQU'A L'ETAT SOLIDE, AU MOYEN D'UN ECHANGEUR THERMIQUE ET DE PASTILLES CHAUDES A L'ETAT SOLIDE
- (71) EASTMAN CHEMICAL COMPANY [US/US]; 100 N. Eastman Road, Kingsport, TN 37660 (US).
- (72) BONNER, Richard, Gill; 5309 Canova Ct, Kingsport, TN 37664 (US). DEBENPORT, Albert, Bob; 11 Lakefront Court, Columbia, SC 29121 (US).
- (74) GRAVES, Bernard, J., Jr.; P.O. Box 511, Kingsport, TN 37662-5075 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08G 18/10, 18/62, 18/67, C09D 175/16

(11) WO 2005/028532 (13) A1

(21) PCT/EP2004/010534

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 10/667,367 23 Sep/sep 2003 US (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • URETHANE (METH)ACRYLATE RESIN WITH ACRYLIC BACKBONE AND INK COMPOSITIONS CONTAINING THE SAME

• RESINE D'URETHANNE (METH)ACRYLATE A SQUELETTE ACRYLIQUE ET COMPOSITIONS D'ENCRE EN CONTENANT

(71) SURFACE SPECIALTIES, S.A. [BE/BE]; 60, Allée de la Recherche, B-1070 Brussels (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WANG, Zhikai, Jeffrey [US/US]; 1950 Lake Park Drive, Smyrna, Cobb County, Smyrna, GA 30080 (US). WALDO, Rosalyn, M. [US/US]; 1950 Lake Park Drive, Smyrna, Cobb County, Smyrna, GA 30080 (US). WILLIAMSON, Sue Ellen [US/US]; 1950 Lake Park Drive, Smyrna, Cobb County, Smyrna, GA 30080 (US).

(74) DESTRYKER, Elise; Ucb, S.A., 60, Allée de la Recherche, B-1070 Brussels (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> C08G 18/32, 18/12, 18/08, C09D 11/00

(11) WO 2005/028533 (13) A1

(21) PCT/US2003/026286

(22) 21 Aug/août 2003 (21.08.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LOW MOLECULAR WEIGHT POLYURETHANE RESINS

• RESINES DE POLYURETHANES DE FAIBLE POIDS MOLECULAIRE

(71) SUN CHEMICAL CORPORATION [US/US]; 222 Bridge Plaza South, For Lee, NJ 07024 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KLEIN, David [US/US]; 53 Baldwin Terrace, Wayne, NJ 07470 (US). KEAVENEY, William, P. [US/US]; 520 Turnpike, Unit 204, Pompton Plains, NJ 07444 (US). AUERBACH, Robert [US/US]; 35 Hawthorne Drive, Princeton Junction, NJ 08550 (US).

(74) PERSLEY, Sidney; 222 Bridge Plaza South, Fort Lee, NJ 07024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08G 18/42, 18/48, 18/73, 18/40, C08F 283/00

(11) WO 2005/028534 (13) A1

(21) PCT/EP2004/009180

(22) 16 Aug/août 2004 (16.08.2004)

(25) de (26) de

(30) 103 40 392.2 2 Sep/sep 2003 DE (02.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AMORPHOUS POLYESTER URETHANE NETWORKS HAVING SHAPE MEMORY PROPERTIES

• RESEAUX POLYESTER URETHANNE AMORPHES PRESENTANT DES CARACTERISTIQUES DE MEMOIRE DE FORME

(71) MNEMOSCIENCE GMBH [DE/DE]; Carlstrasse 50, 52531 Uebach-Palenberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LENDLEIN, Andreas [DE/DE]; Sundgauerstrasse 142, 14167 Berlin (DE). ALTHELD, Armin [DE/DE]; Kirchheider Strasse 148, 32657 Lemgo (DE).

(74) HAMMER, Jens; Grünecker, Kinkeldey, Stockmair & Schwanhäusser, Maximilianstrasse 58, 80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08G 18/48, G10K 11/16, B60R 13/08 // (C08G 18/48, 101:00

(11) WO 2005/028535 (13) A1

(21) PCT/JP2004/013668

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-327588 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FLEXIBLE POLYURETHANE FOAM AND PROCESS FOR PRODUCING THE SAME

• MOUSSE DE POLYURETHANE SOUPLE ET PROCESSUS DE PRODUCTION DE CETTE MOUSSE

(71) ASAHI GLASS COMPANY, LIMITED [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo, 1008405 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SASAKI, Takayuki [JP/JP]; c/o Asahi Glass Urethane Co., Ltd., 25, Oaza-towada, Kamisu-machi, Kashima-gun, 3140195 (JP). HATANO, Shigeo [JP/JP]; c/o Asahi Glass Urethane Co., Ltd., 25, Oaza-towada, Kamisu-machi, Kashima-gun, Ibaraki, 3140195 (JP). TOYOTA, Yoshinori [JP/JP]; c/o Asahi Glass Urethane Co., Ltd., 25, Oaza-towada, Kamisu-machi, Kashima-gun, Ibaraki, 3140195 (JP). KURIBAYASHI, Katsuji [JP/JP]; c/o Asahi Glass Urethane Co., Ltd., 25, Oaza-towada, Kamisu-machi, Kashima-gun, Ibaraki, 3140195 (JP).

(74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo, 1010042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08G 59/02

(11) WO 2005/028536 (13) A1

(21) PCT/JP2004/013646

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-330147 22 Sep/sep 2003 JP (22.09.2003)

- (30) 2003-331822 **24 Sep/sep 2003** JP  
(24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ALICYCLIC EPOXY RESIN, PROCESS FOR PRODUCING THE SAME, COMPOSITION THEREOF, CURED EPOXY RESIN, AND USE OF ALICYCLIC EPOXY RESIN COMPOSITION  
• RESINE EPOXY ALICYCLIQUE, SON PROCEDE DE PRODUCTION, COMPOSITION LA COMPRENANT, RESINE EPOXY DURCIE ET UTILISATION DE LA COMPOSITION DE RESINE EPOXY ALICYCLIQUE
- (71) MITSUBISHI CHEMICAL CORPORATION [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo, 1080014 (JP). JAPAN EPOXY RESINS CO., LTD. [JP/JP]; 3-4, Nihonbashi 2-chome, Chuo-ku, Tokyo, 1030027 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MURAI, Kouya [JP/JP]; c/o MITSUBISHI CHEMICAL CORPORATION, 1, Toho-cho Yokkaichi-shi, Mie, 5108530 (JP). OONUMA, Yoshinobu [JP/JP]; c/o JAPAN EPOXY RESINS CO., LTD., 1, Shiohama-cho, Yokkaichi-shi, Mie, 5100851 (JP).
- (74) OKADA, Kazuhiko; Okada & Associates, 6F, Kudan Kangyo Bldg., 10-1, Kudan-Kita 1-chome, Chiyoda-ku, Tokyo, 1020073 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> C08G 59/30
- (11) WO 2005/028537 (13) A1
- (21) PCT/JP2004/013707
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) ja (26) ja
- (30) 2003-326713 **18 Sep/sep 2003** JP  
(18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PHOTOCURING RESIN COMPOSITION CONTAINING ORGANIC POLYMER HAVING EPOXY GROUP AND/OR OXETHANE GROUP-CONTAINING SILICON GROUP AT END, AND METHOD FOR PRODUCING SAME  
• COMPOSITION DE RESINE PHOTODURCISABLE CONTENANT UN POLYMERE ORGANIQUE POSSEDANT A SON EXTREMITÉ UN GROUPE EPOXY ET/OU UN GROUPE SILICIUM CONTENANT UN GROUPE
- OXETHANE, ET SON PROCEDE DE PRODUCTION
- (71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-Chome, Kita-ku, Osaka-shi, Osaka, 5308288 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOHNO, Yoshiyuki [JP/JP]; 3-3-26-103, Nishiakashi Kitamachi, Akashi-shi, Hyogo, 6730018 (JP). ANDO, Hiroshi [JP/JP]; 3-2-718, Saenba-Cho, Akashi-shi, Hyogo, 6730849 (JP).
- (74) KANEKA CORPORATION; 2-4, Nakanoshima 3-Chome, Kita-ku, Osaka-shi, Osaka, 5308288 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08G 63/685, 63/688, C09D 167/00, C09B 67/00
- (11) WO 2005/028538 (13) A1
- (21) PCT/US2004/031017
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 10/666,404 **19 Sep/sep 2003** US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LIQUID COATING COMPOSITIONS HAVING IMPROVED WHITENESS  
• COMPOSITIONS DE REVETEMENT LIQUIDES PRESENTANT UNE BLANCHÉUR AMÉLIORÉE
- (71) EASTMAN CHEMICAL COMPANY [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).
- (72) CARICO, Douglas, Weldon, Jr.; 213 Teal Court, Kingsport, TN 37663 (US). WEAVER, Max, Allen; 125 Hill Road, Kingsport, TN 37664 (US). PEARSON, Jason, Clay; 116 Pickens Court, Kingsport, TN 37663 (US). FOSTER, Charles, Howard; 1932 Lamont Street, Kingsport, TN 37664 (US). FLEISCHER, Jean, Carroll; 4422 Rustic Way Street, Kingsport, TN 37664 (US). MORRIS, Don, Leon; 1505 Burgh Heath Drive, Kingsport, TN 37660 (US). KUO, Thauming; 1400 Lamar Court, Kingsport, TN 37664 (US).
- (74) GRAVES, Bernard, J., Jr.; P.O. Box 511, Kingsport, TN 37662-5075 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
- SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08G 65/00
- (11) WO 2005/028539 (13) A2
- (21) PCT/US2004/030720
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/503,673 **17 Sep/sep 2003** US  
(17.09.2003)
- (30) 60/584,308 **30 Jun/juin 2004** US  
(30.06.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MULTI-ARM POLYMER PRODRUGS  
• PROMEDICAMENTS A BASE DE POLYMERE A BRANCHES MULTIPLES
- (71) NEKTAR THERAPEUTICS AL, CORPORATION [US/US]; 490 Discovery Drive, Huntsville, AL 35806-2902 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZHAO, Xuan [CN/US]; 2805 Southhurst Dr. SE, Huntsville, AL 35803 (US). BENTLEY, Michael, D. [US/US]; 4017 Nolan Avenue SE, Huntsville, AL 35801 (US). REN, Zhongxu [CN/US]; 140 Antique Rose Drive, Madison, AL 35758 (US). VIEGAS, Tacey, X. [US/US]; 115 Windy Way Drive, Madison, AL 35758 (US).
- (74) EVANS, Susan, T. et al. / etc.; Nektar Therapeutics, 150 Industrial Road, San Carlos, CA 94070 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08G 65/20
- (11) WO 2005/028540 (13) A1
- (21) PCT/EP2004/007867
- (22) 15 Jul/juil 2004 (15.07.2004)
- (25) de (26) de
- (30) 60/496,661 **21 Aug/août 2003** US  
(21.08.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR THE PRODUCTION OF POLYTETRAHYDROFURAN OR TETRAHYDROFURAN COPOLYMERS  
• PROCEDE DE PRODUCTION DE POLYTETRAHYDROFURANE OU DE



COPOLYMERES DE TETRAHYDRO-FURANE

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GROLL, Peter [DE/DE]; Lorsche Str. 9, 67125 Dannstadt-Schauernheim (DE). HAUBNER, Martin [DE/DE]; Hintere Liesgewann 24/8, 69124 Eppelheim (DE). SIGWART, Christoph [DE/DE]; Schönauerstr. 5a, 69198 Schriesheim (DE). SCHLIT-TER, Stephan [DE/DE]; Mainstr. 2, 67117 Limburgerhof (DE). PFAFF, Klaus-Peter [DE/DE]; Im Schlossgarten 2, 67159 Friedelsheim (DE). HANDRICH, Hans [DE/DE]; Kallstadter Str. 18, 67067 Ludwigshafen (DE). FRANZ, Lothar [DE/DE]; Pfalzring 198, 67112 Mutterstadt (DE). SULLIVAN, James, W. [US/US]; 5115 Bluewater Drive, Baton Rouge, LA 70817 (US). KIRSCH, Klaus [DE/US]; 3911 Pine Crest Drive, Baton Rouge, LA 70809 (US).

(74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08G 69/00

(11) WO 2005/028541 (13) A2

(21) PCT/NL2004/000645

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 03078006.8 22 Sep/sep 2003 EP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS FOR THE PREPARATION OF A POLYMER COMPOSITION  
• PROCEDE DE PREPARATION D'UNE COMPOSITION POLYMERIE

(71) DSM IP ASSETS B.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOONTJENS, Jacobus, Antonius [NL/NL]; Synagogeplantsoen 76, NL-6231 KK Meerssen (NL).

(74) STEFFANIE, Leonardus, Gerardus; DSM Intellectual Property, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08G 75/00

(11) WO 2005/028542 (13) A2

(21) PCT/US2004/030502

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,547 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ADHESIVELY BONDED ENGINE AND TRANSMISSION PARTS  
• PARTIES ASSEMBLEES AU MOYEN D'UN ADHESIF A UN MOTEUR ET UNE TRANSMISSION

(71) DOW GLOBAL TECHNOLOGIES INC. [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JIALANELLA, Gary, L. [US/US]; 437 Thornehill Trail, Oxford, MI 48371 (US). COURTER, David, M. [US/US]; 3928 Bristol Court, Clarkston, MI 48348 (US).

(74) SIMS, Norman, L.; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08G 77/04, 77/26, B41M 5/40, 5/00

(11) WO 2005/028543 (13) A1

(21) PCT/US2004/030125

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 10/664,684 17 Sep/sep 2003 US (17.09.2003)

(30) 10/729,567 5 Dec/déc 2003 US (05.12.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • THERMAL RECEIVER  
• RECEPTEUR THERMIQUE

(71) EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, NY 14650-2201 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUNG, Teh-Ming [US/US]; 9 Trailwood Circle, Rochester, New York 14618 (US). YACOBUCCI, Paul, D. [US/US]; 5 Windsor Park, Rochester, NY 14624 (US). POPE, Brian, T. [US/US]; 2909 Atlantic Avenue, Penfield, NY 14526 (US). KING, Ronald, Steward [US/US]; 14 Midvale Drive, Fairport, NY 14650 (US).

(74) EASTMAN KODAK COMPANY; 343 State Street, Rochester, NY 14650-2201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> C08G 77/38, C07F 7/08, 7/18

(11) WO 2005/028544 (13) A1

(21) PCT/FR2003/002650

(22) 5 Sep/sep 2003 (05.09.2003)

(25) fr (26) fr

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FUNCTIONALISATION (EPOXIDATION) OF SILICONES AND USE OF SAID SILICONES AS NON-STICK COATINGS

• FONCTIONNALISATION (EPOXYDATION) DE SILICONES ET UTILISATION DE CES SILICONES COMME REVETEMENTS ANTI-ADHERENTS

(71) RHODIA CHIMIE [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 Boulogne Billancourt (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DELARCHE, Jean-Pierre [FR/FR]; chemin des Verchères, F-69480 Lachassagne (FR). BREUNIG, Stefan [FR/FR]; Les Hauts de Vienne, F-38200 Vienne (FR). STERIN, Sébastien [FR/FR]; 3, rue du Lavoisier, F-69450 St Cyr au Mont D'or (FR).

- (74) TROLLET, Maurice; RHODIA SERVICES, Centre de Recherches de Lyon, 85, avenue des Frères Perret, F-69192 Saint Fons (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08G 81/02, G03G 9/10  
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(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • BINDER RESIN FOR TONER, METHOD FOR PRODUCING SAME, AND TONER FOR ELECTROPHOTOGRAPHY USING SUCH RESIN  
• RESINE LIANTE POUR Poudre IMPRIMANTE, SON PROCEDE DE PRODUCTION, ET Poudre IMPRIMANTE POUR L'ELECTROPHOTOGRAPHIE UTILISANT UNE TELLE RESINE
- (71) MITSUI CHEMICALS, INC. [JP/JP]; 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo 1057117 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) YOSHIDA, Takeshi [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 2990265 (JP). SAKATA, Kazuya [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 2990265 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08J 3/16, C08L 21/00, 51/04, 63/00, 83/04  
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(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESS FOR PRODUCING RUBBERY POLYMER PARTICLE AND PROCESS FOR PRODUCING RESIN COMPOSITION CONTAINING THE SAME  
• PROCEDE DE PRODUCTION D'UNE PARTICULE DE POLYMERE CAOUTCHOUC ET PROCEDE DE PRODUCTION D'UNE COMPOSITION DE RESINE CONTENANT LADITE PARTICULE
- (71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka, 5308288 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FURUKAWA, Ryuji [JP/JP]; c/o KANEKA CORPORATION, 1-8, Takasagocho miyamaecho, Takasago-shi, Hyogo, 6760027 (JP). UENO, Masakuni [JP/JP]; c/o KANEKA CORPORATION, 1-8, Takasagocho miyamaecho, Takasago-shi, Hyogo, 6760027 (JP). YAMAGUCHI, Katsumi [JP/JP]; c/o KANEKA CORPORATION, 1-8, Takasagocho miyamaecho, Takasago-shi, Hyogo, 6760027 (JP). YOSHIMI, Chiho [JP/JP]; c/o KANEKA CORPORATION, 1-8, Takasagocho miyamaecho, Takasago-shi, Hyogo, 6760027 (JP). IKEDA, Yoshihiro [JP/JP]; c/o KANEKA CORPORATION, 1-8, Takasagocho miyamaecho, Takasago-shi, Hyogo, 6760027 (JP).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) • PERFLUOROELASTOMER SEALING MATERIAL
- MATERIAU D'ETANCHEITE EN PERFLUOROELASTOMERE
- (71) DAIKIN INDUSTRIES, LTD. [JP/JP]; Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome, Kita-ku, Osaka-shi, Osaka, 5308323 (JP).  
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND DEVICE FOR DECOMPOSING RESIN COMPONENT AND METHOD AND DEVICE FOR ADDITION OF CATALYST  
• PROCEDE ET DISPOSITIF DE DECOMPOSITION D'UN COMPOSANT RESINE ET PROCEDE ET DISPOSITIF D'ADDITION D'UN CATALYSEUR
- (71) HONDA MOTOR CO., LTD. [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku Tokyo, 1078556 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KUWABARA, Mitsuo [JP/JP]; c/o HONDA ENGINEERING CO., LTD., 10-1, Shinsayama 1-chome, Sayama-shi Saitama, 3501381 (JP). TAJIMA, Norio [JP/JP]; c/o HONDA ENGINEERING CO., LTD., 10-1, Shinsayama 1-chome, Sayama-shi Saitama, 3501381 (JP). KAZAMI, Toshio [JP/JP];

- c/o HONDA ENGINEERING CO., LTD., 10-1, Shinsayama 1-chome, Sayama-shi Saitama, 3501381 (JP). NEGISHI, Shoichi-rou [JP/JP]; c/o HONDA ENGINEERING CO., LTD., 10-1, Shinsayama 1-chome, Sayama-shi Saitama, 3501381 (JP).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NANO-COMPOSITE MATERIALS FOR THERMAL MANAGEMENT APPLICATIONS
- MATERIAUX NANO-COMPOSITES DESTINES A DES APPLICATIONS DE GESTION THERMIQUE
- (71) KOILA, INC. [US/US]; 675 Palomar Avenue, Sunnyvale, California 94085 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHOPRA, Nasreen, G. [US/US]; 2403 Read Avenue, Belmont, California 94002 (US). BANERJEE, Shilajeet [IN/US]; 2403 Read Avenue, Belmont, California 94002 (US).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • BLENDED POLYMERIC DRAW TAPES
- RUBANS-POIGNEES EN POLYMERES COMPOSITE
- (71) TYCO PLASTICS LP [US/US]; 1401 West 94th Street, Minneapolis, MN 55431 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72) KANNABIRAN, Rengan; 17 Hartwell Avenue, Lexington, MA 02421-3195 (US).
- (74) DAISAK, Daniel, N.; Tyco Plastics & Adhesives, 7 Roszel Road, Princeton, NJ 08540 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08L 19/00, 21/00, 17/00
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- (30) 0413345.0 15 Jun/juin 2004 GB (15.06.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • RUBBER COMPOSITIONS, METHODS OF MAKING RUBBER COMPOSITIONS, RUBBER AND RUBBER-CONTAINING ARTICLES
- COMPOSITIONS A BASE DE CAOUTCHOUC, PROCEDES DE FABRICATION DE COMPOSITIONS A BASE DE CAOUTCHOUC, CAOUTCHOUC ET ARTICLES CONTENANT DU CAOUTCHOUC
- (71) FLOORING TECHNOLOGIES LIMITED [GB/GB]; Brunel House, Gorseinon Road, Swansea West Glamorgan SA4 9RU (GB). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WALTERS, Ian [GB/GB]; Brunel House, Gorseinon Road, Swansea West Glamorgan SA4 9RU (GB). HOUGH, Philip [GB/GB]; Brunel House, Gorseinon Road, Swansea West Glamorgan SA4 9RU (GB).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • RESIN COMPOSITION AND STRETCHED FILM OBTAINED BY USING THE SAME  
• COMPOSITION DE RESINE ET FILM ETIRE OBTENU AU MOYEN D'UNE TELLE COMPOSITION
- (71) MITSUI CHEMICALS, INC. [JP/JP]; 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo, 1057117 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TASAKI, Tsutomu [JP/JP]; c/o Mitsui Chemicals, Inc., 3, Chigusakaigan, Ichihara-shi, Chiba, 2990108 (JP). NISHIMURA, Toshihiro [JP/JP]; c/o Mitsui Chemicals, Inc., 3, Chigusakaigan, Ichihara-shi, Chiba, 2990108 (JP). INOUE, Hiroshi [JP/JP]; c/o Mitsui Chemicals, Inc., 3, Chigusakaigan, Ichihara-shi, Chiba, 2990108 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • POLYPROPYLENE-BASE MOLDED ARTICLE AND CONTAINER  
• ARTICLE ET CONTENANT MOULES A BASE DE POLYPROPYLENE
- (71) SHOWA DENKO PLASTIC PRODUCTS CO., LTD. [JP/JP]; 9-10, Nihonbashi

Horidome-cho, 1-chome, Chuo-ku, Tokyo 103-0012 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • IMPROVED THERMOPLASTIC VULCANIZATES AND PROCESSES FOR MAKING THE SAME  
• VULCANISATS THERMOPLASTIQUES AMELIORES ET LEUR PROCEDE DE PRODUCTION
- (71) ADVANCED ELASTOMER SYSTEMS [US/US]; 388 South Main Street, Akron, Ohio 44311-1059 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ELLUL, Maria [US/US]; 3230 North Dover Road, Silver Lake Village, Ohio 44224 (US). CHENG, John [US/US]; 775 Brunsdorff Road, Fairlawn, Ohio 44333 (US).
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PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • THERMOPLASTIC VULCANIZATES AND PROCESS FOR MAKING THE SAME  
• VULCANISATS THERMOPLASTIQUES ET LEUR PROCEDE DE PRODUCTION
- (71) ADVANCED ELASTOMER SYSTEMS [US/US]; 388 South Main Street, Akron, Ohio 44311-1059 (US).  
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- (72, 75) ELLUL, Maria [US/US]; 3230 North Dover Road, Silver Lake Village, Ohio 44224 (US). HRBACEK, Christopher [US/US]; 2800 Nagel Drive, Pensacola, Florida 32503-5020 (US).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08L 27/08, C09D 127/08 // (C08L 27/08, 43:02) (C08L 27/08, 51:00)  
(11) WO 2005/028557 (13) A1  
(21) PCT/EP2004/052272  
(22) 22 Sep/sep 2004 (22.09.2004)  
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR THE PRODUCTION OF LIGNOCELLULOSE-BASED PRODUCTS
- PROCEDE POUR FABRIQUER DES PRODUITS A BASE DE LIGNOCELLULOSE
- (71) FRITZ EGGER GMBH & CO. [AT/AT]; Tiroler Strasse 16, A-3105 Unterradlberg (AT).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SREBOTNIK, Ewald [AT/AT]; Getreidemarkt 9, A-1060 Wien (AT).
- (74) COHAUSZ & FLORACK; Bleichstrasse 14, 40211 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08L 101/00, C08K 5/5415, B32B 27/20
- (11) WO 2005/028562 (13) A1
- (21) PCT/JP2004/013672
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) ja (26) ja
- (30) 2003-324866 17 Sep/sep 2003 JP (17.09.2003)
- (30) 2003-419986 17 Dec/déc 2003 JP (17.12.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • POLYMER COMPOSITION FOR MOLDED-ARTICLE MOLDING, MOLDED ARTICLE, HYDROPHILIC MOLDED ARTICLE AND PROCESS

- FOR PRODUCING THE SAME, AND LAYERED ARTICLE
- COMPOSITION DE POLYMERE POUR MOULAGE D'ARTICLE MOULE, ARTICLE MOULE, ARTICLE MOULE HYDROPHILE ET PROCESSUS DE PRODUCTION DE CET ARTICLE ET ARTICLE EN COUCHE
- (71) TECHNO POLYMER CO., LTD. [JP/JP]; 15-5, Shintomi 2-chome, Chuo-ku, Tokyo 1040041 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KURIHARA, Fumio [JP/JP]; c/o Techno Polymer Co., Ltd., 15-5, Shintomi 2-chome, Chuo-ku, Tokyo 1040041 (JP).
- NAKAI, Takeyuki [JP/JP]; c/o MKV Platech Co., Ltd., 1-23, Shiba 4-chome, Minato-ku, Tokyo 1080014 (JP).
- NAGAKUSA, Haruto [JP/JP]; c/o Yupo Corporation, 4-3, Kanda surugadai, Chiyoda-ku, Tokyo 1010062 (JP).
- (74) KOJIMA, Seiji; Atsuta Daidoseimei-Bldg. 2F, 7-26, Jingu 3-chome, Atsuta-ku, Nagoya-shi, Aichi 4560031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C09B 62/04, 62/09, C09D 11/02
- (11) WO 2005/028563 (13) A1
- (21) PCT/IB2004/003107
- (22) 23 Sep/sep 2004 (23.09.2004)
- (25) en (26) en
- (30) 03021448.0 23 Sep/sep 2003 EP (23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DYES COMPRISING [(4-[2-AMINO-3,6-DISULPHO-8-HYDROXY-NAPHTH-1-YLAZO]ANILINO)-1,3,5-TRIAZINYL] MOITIES
- COLORANTS COMPORTANT DES FRACTIONS [(4-[2-AMINO-3,6-DISULPHO-8-HYDROXYNAPHT-1-YLAZO]ANILINO)-1,3,5-TRIAZINYL]
- (71) CLARIANT INTERNATIONAL LTD [CH/CH]; Rothausstrasse 61, CH-4132 Muttenz 1 (CH).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GISLER, Markus [CH/CH]; F.J. Dietschweg 2, CH-4310 Rheinfelden (CH).
- (74) HERRMANN, Jörg; Clariant International Ltd, Rothausstrasse 61, CH-4132 Muttenz 1 (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

- MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> C09B 67/22, C09C 1/00
- (11) WO 2005/028564 (13) A1
- (21) PCT/EP2004/009241
- (22) 18 Aug/août 2004 (18.08.2004)
- (25) de (26) de
- (30) 103 42 601.9 12 Sep/sep 2003 DE (12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PIGMENT COMPOSITIONS CONSISTING OF ORGANIC AND INORGANIC PIGMENTS
- COMPOSITIONS PIGMENTAIRES CONTENANT DES PIGMENTS ORGANIQUES ET DES PIGMENTS INORGANIQUES
- (71) CLARIANT GMBH [DE/DE]; Brünningstrasse 50, 65929 Frankfurt am Main (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WEBER, Joachim [DE/DE]; Johannesallee 13, 65929 Frankfurt am Main (DE).
- WILKER, Gerhard [DE/DE]; Isarstrasse 33, 64546 Mörfelden-Walldorf (DE).
- (74) HÜTTER, Klaus et al. / etc.; Clariant Service GmbH, Patente, Marken, Lizenzen, Am Unisys-Park 1, 65843 Sulzbach (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C09C 1/04, C01G 9/03
- (11) WO 2005/028565 (13) A1
- (21) PCT/EP2004/009752
- (22) 2 Sep/sep 2004 (02.09.2004)
- (25) en (26) en
- (30) 103 43 728.2 22 Sep/sep 2003 DE (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ZINC OXIDE POWDER AGGREGATES PRESENT IN CIRCULAR, ELLIPSOIDAL, LINEAR AND BRANCHED FORM

- AGREGATS DE POUDRE D'OXYDE DE ZINC PRESENTS SOUS FORME CIRCULAIRE, ELLIPSOIDALE, LINEAIRE ET RAMIFIEE

(71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) KATUSIC, Stipan [DE/DE]; Berliner Ring 20, 65779 Kelkheim (DE). KRÄMER, Michael [DE/DE]; Dresdener Strasse 30, 61137 Schöneck-Kilianstädten (DE). KRESS, Peter [DE/DE]; Spessartstrasse 26, 63791 Karlstein (DE). MIESS, Horst [DE/DE]; Bruchwaldstrasse 8, 63796 Kahl (DE). ZIMMERMANN, Guido [DE/DE]; Castellstrasse 19a, 63454 Hanau (DE). ALBERS, Peter [DE/DE]; Kleinfellerstrasse 3, 63454 Hanau (DE).

(74) DEGUSSA AG; Intellectual Property Management, PATENTE und MARKEN, Standort Hanau, Postfach 13 45, 63403 Hanau (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :  
(u) for / pour US only / seulement

(51)<sup>7</sup> C09C 1/28, 3/06, C09D 11/00, 201/00, C08L 101/00, C08K 9/02

(11) WO 2005/028566 (13) A1

(21) PCT/JP2004/013771

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-329239 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BLACK BRIGHT PIGMENT, AND COSMETIC, COATING COMPOSITION, RESIN COMPOSITION AND INK COMPOSITION COMPRISING THE SAME

- PIGMENT NOIR BRILLANT, PRODUIT COSMETIQUE, COMPOSITION DE REVETEMENT, COMPOSITION DE RESINE ET COMPOSITION D'ENCRE CONTENANT LEDIT PIGMENT

(71) NIPPON SHEET GLASS COMPANY, LIMITED [JP/JP]; 1-7, Kaigan 2-chome, Minato-ku, Tokyo 1058552 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) YANAGASE, Shigeru [JP/JP]; c/o NIPPON SHEET GLASS COMPANY, LIMITED, 1-7, Kaigan 2-chome, Minato-ku, Tokyo 1058552 (JP). YOKOI, Koji [JP/JP]; c/o NIPPON SHEET GLASS COMPANY,

LIMITED, 1-7, Kaigan 2-chome, Minato-ku, Tokyo 1058552 (JP). INO, Juichi [JP/JP]; c/o NIPPON SHEET GLASS COMPANY, LIMITED, 1-7, Kaigan 2-chome, Minato-ku, Tokyo 1058552 (JP). NIIDA, Haruki [JP/JP]; c/o NIPPON SHEET GLASS COMPANY, LIMITED, 1-7, Kaigan 2-chome, Minato-ku, Tokyo 1058552 (JP).

(74) IWATANI, Ryo; Sakurabashi Chiyoda Bldg. 5F, 1-27, Dojima 2-chome, Kita-ku, Osaka-shi, Osaka 5300003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(u) for / pour US only / seulement

(51)<sup>7</sup> C09C 1/32, 3/06, C09D 11/00, 201/00, C08L 101/00, C08K 9/02

(11) WO 2005/028567 (13) A1

(21) PCT/JP2004/013769

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-329237 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BLUE-COLORED FLAKE, AND COSMETIC, COATING COMPOSITION, RESIN COMPOSITION AND INK COMPOSITION COMPRISING THE SAME

- FLOCONS DE COULEUR BLEUE, PRODUIT COSMETIQUE, COMPOSITION DE REVETEMENT, COMPOSITION DE RESINE ET COMPOSITION D'ENCRE CONTENANT CES FLOCONS

(71) NIPPON SHEET GLASS COMPANY, LIMITED [JP/JP]; 1-7, Kaigan 2-chome, Minato-ku, Tokyo 1058552 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) HIRASHIMA, Takashi [JP/JP]; c/o NIPPON SHEET GLASS COMPANY, LIMITED, 1-7, Kaigan 2-chome, Minato-ku,

Tokyo 1058552 (JP). FURUICHI, Toshitaka [JP/JP]; c/o NIPPON SHEET GLASS COMPANY, LIMITED, 1-7, Kaigan 2-chome, Minato-ku, Tokyo 1058552 (JP). YOKOI, Koji [JP/JP]; c/o NIPPON SHEET GLASS COMPANY, LIMITED, 1-7, Kaigan 2-chome, Minato-ku, Tokyo 1058552 (JP).

(74) IWATANI, Ryo; Sakurabashi Chiyoda Bldg. 5F, 1-27, Dojima 2-chome, Kita-ku, Osaka-shi, Osaka 5300003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(u) for / pour US only / seulement

(51)<sup>7</sup> C09C 1/48, 3/06, 1/24, 1/36, 1/14, 1/00, C09D 11/00, 201/00, C08L 101/00, C08K 9/02, 7/00

(11) WO 2005/028568 (13) A1

(21) PCT/JP2004/013770

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-329238 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BLACK BRIGHENING FLAKE AND COSMETIC PREPARATION, COATING COMPOSITION, RESIN COMPOSITION, AND INK COMPOSITION EACH CONTAINING THE SAME

- FLOCONS NOIRS BRILLANTS, PREPARATION COSMETIQUE, COMPOSITION DE REVETEMENT, COMPOSITION DE RESINE ET COMPOSITION D'ENCRE CONTENANT LESDITS FLOCONS

(71) NIPPON SHEET GLASS COMPANY, LIMITED [JP/JP]; 1-7, Kaigan 2-chome, Minato-ku, Tokyo 1058552 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) YOKOI, Koji [JP/JP]; c/o NIPPON SHEET GLASS COMPANY, LIMITED, 1-7, Kaigan 2-chome, Minato-ku, Tokyo

- 1058552 (JP). **HIRASHIMA, Takashi** [JP/JP]; c/o NIPPON SHEET GLASS COMPANY, LIMITED, 1-7, Kaigan 2-chome, Minato-ku, Tokyo 1058552 (JP). **FURUICHI, Toshitaka** [JP/JP]; c/o NIPPON SHEET GLASS COMPANY, LIMITED, 1-7, Kaigan 2-chome, Minato-ku, Tokyo 1058552 (JP). **INO, Juichi** [JP/JP]; c/o NIPPON SHEET GLASS COMPANY, LIMITED, 1-7, Kaigan 2-chome, Minato-ku, Tokyo 1058552 (JP).
- (74) **IWATANI, Ryo**; Sakurabashi Chiyoda Bldg. 5F, 1-27, Dojima 2-chome, Kita-ku, Osaka-shi, Osaka 5300003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :**  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(u) for / pour US only / seulement
- (51)<sup>7</sup> C09C 1/48
- (11) WO 2005/028569 (13) A2
- (21) PCT/US2004/029881
- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) en (26) en
- (30) 10/666,048 18 Sep/sep 2003 US (18.09.2003)
- (30) 10/786,690 25 Feb/fév 2004 US (25.02.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • THERMALLY MODIFIED CARBON BLACKS FOR VARIOUS TYPE APPLICATIONS AND A PROCESS FOR PRODUCING SAME  
• NOIRS DE CARBONE THERMIQUEMENT MODIFIES POUR DIVERSES APPLICATIONS ET PROCEDE DE PRODUCTION ASSOCIE
- (63) US 10/786,690 (CIP) 25 Feb/fév 2004 (25.02.2004)
- (71) COLUMBIAN CHEMICALS COMPANY [US/US]; 1800 West Oak Commons Court, Marietta, Georgia 30062 (US). SUPERIOR GRAPHITE CO. [US/US]; 10 South Riverside Plaza, Chicago, Illinois 60606 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AYALA, Jorge, Armando [MX/US]; 2690 Claredon Trace, Kennesaw, Georgia 30144 (US). WANG, Weidong [CN/US]; 3775 Upland Drive, Marietta, Georgia 30066 (US). EDWARDS, Charles [US/US]; 4455 Woodford Pass, Roswell, Georgia 30075 (US). HERD, Charles, R. [US/US]; 219 Maple Creek Chase, Woodstock, Georgia 30188 (US). LAMBA, Rakshit [IN/US]; 6087 Braidwood Bend, Acworth, Georgia 30101 (US). TANDON, Deepak [IN/—]; 1708 English Ivey Lane, Kennesaw, GA 30144 (US). TAYLOR, Rodney, I. [US/—]; 6304 Benbrooke Overlook, Acworth, GA 30101 (US). ZAK, Mark, S. [US/—]; 11 Bedford Avenue, Apartment 3, Norwalk, CT 06850 (US). BARSUKOV, Igor, V. [US/—]; 3825 Lizette Lane, Glenview, IL 60025 (US). DONINGER, Joseph, E. [US/—]; 427 East Deerpath, Lake Forest, IL 60045 (US). BOOTH, Peter, R. [US/—]; 1510 North Street, Geneva, IL 60134 (US).
- (74) NORTH, Brett, A. et al. / etc.; Garvey, Smith, Nehrbass & Doody, L.L.C., Three Lakeway Center, Suite 3290, 3838 North Causeway Boulevard, Metairie, Louisiana 70002 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C09D 4/00
- (11) WO 2005/028570 (13) A2
- (21) PCT/EP2004/007873
- (22) 15 Jul/juil 2004 (15.07.2004)
- (25) de (26) de
- (30) 103 39 137.1 22 Aug/août 2003 DE (22.08.2003)
- (30) 103 46 496.4 2 Oct/oct 2003 DE (02.10.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • FORMULATIONS, AND USE THEREOF FOR COATING SUBSTRATES  
• FORMULATION ET SON UTILISATION POUR LE RECOUVREMENT DE SUBSTRATS
- (71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BUSTOS, Nidia [CO/DE]; Albert Schwietzer 17, 64668 Rimbach (DE). HÖRNER, Klaus, Dieter [DE/DE]; Saarstr. 37, 68623 Lampertheim (DE). RENZ, Günter [DE/DE]; Franz-Liszt-Str.20b, 67251 Freinsheim (DE). SCHÖPKE, Holger [DE/DE]; Bannholzweg 49, 69151 Neckargemünd (DE).
- (74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C09D 4/06, C09J 4/06, C08J 3/03, C08F 265/06, 2/00
- (11) WO 2005/028571 (13) A1
- (21) PCT/EP2004/005763
- (22) 28 May/mai 2004 (28.05.2004)
- (25) de (26) de
- (30) 103 39 329.3 25 Aug/août 2003 DE (25.08.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MONOMER-POLYMER SYSTEMS WITH A CONTROLLABLE POT LIFE  
• SYSTEME MONOMERE-POLYMERE A TEMPS DE SEJOUR EN POT REGULABLE
- (71) RÖHM GMBH & CO. KG [DE/DE]; Kirschenallee, 64293 Darmstadt (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHMITT, Gerold [DE/DE]; Troyesstrasse 6, 64297 Darmstadt (DE). SÜFKE, Thomas [DE/DE]; Elisabethenstrasse 5, 64390 Erzhausen (DE). KERSCHER, Volker [DE/DE]; Bonhoefferstrasse 12, 64354 Reinheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C09D 5/02, 133/06, 125/06, 125/16
- (11) WO 2005/028572 (13) A1
- (21) PCT/EP2004/010620
- (22) 17 Sep/sep 2004 (17.09.2004)



(25) en (26) en  
(30) 03021271.6 19 Sep/sep 2003 EP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • STYRENE ACRYLIC COPOLYMER BASED WATERBORNE COATINGS  
• REVETEMENTS EN PHASE AQUEUSE A BASE DE COPOLYMERES DE STYRENE ACRYLIQUE

(71) SIGMAKALON SERVICES B.V. [NL/NL]; Amsterdamseweg 14, NL-1422 AD Uithoorn (NL).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) DARCY, Stephane [FR/FR]; SigmaKalon Euridep, R & D Laboratory, Route de Lachapelle-sous-Chaux, F-90300 Sermamagny (FR). HOSOTTE, Philippe [FR/FR]; SigmaKalon Euridep, R & D Laboratory, Route de Lachapelle-sous-Chaux, F-90300 Sermamagny (FR). PEQUIGNOT, Jean-Marc [FR/FR]; SigmaKalon Euridep, R & D Laboratory, Route de Lachapelle-sous-Chaux, F-90300 Sermamagny (FR). SALVADOR, Elisabeth [FR/FR]; SigmaKalon Euridep, R & D Laboratory, Route de Lachapelle-sous-Chaux, F-90300 Sermamagny (FR).

(74) FRITH, Richard, William et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C09D 5/03, C08J 3/12, 3/21

(11) WO 2005/028573 (13) A1

(21) PCT/EP2004/052307

(22) 8 Sep/sep 2004 (08.09.2004)

(25) de (26) de

(30) 103 43 393.7 19 Sep/sep 2003 DE  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EFFECT-PIGMENTED POWDERY COATING SUBSTANCES, METHOD FOR THE PRODUCTION AND USE THEREOF

• SUBSTANCES DE REVETEMENT PULVERULENTES PIGMENTÉES AU MOYEN DE PIGMENTS A EFFET, PROCEDE DE PRODUCTION DE CES SUBSTANCES ET LEUR UTILISATION

(71) BASF COATINGS AG [DE/DE]; Glasuritstr. 1, 48165 Münster (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SCHNEIDER, Norbert [DE/DE]; Madenburgstr. 5 f, 67122 Altrip (DE). HILGER, Christopher [DE/DE]; Am Oedingteich 8, 48165 Münster (DE). ETZRODT, Günter [DE/DE]; Rebmannstr. 6, 70180 Stuttgart (DE). BERG, Jan [DE/DE]; Rubensstr. 101, 48165 Münster (DE). MAUSS, Michael [DE/DE]; Freiheitsstr. 60, 67434 Neustadt a.d.W. (DE). PIONTEK, Susanne [DE/DE]; Karl-Immermann-Str. 20, 48165 Münster (DE).

(74) FITZNER, Uwe; Lintorfer Str. 10, 40878 Ratingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C09D 5/22, B05D 5/06, 7/00

(11) WO 2005/028574 (13) A1

(21) PCT/US2004/029231

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 10/661,964 12 Sep/sep 2003 US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COATING COMPOSITION HAVING FLUORESCENT COLORANTS

• COMPOSITION DE REVETEMENT CONTENANT DES COLORANTS FLUORESCENTS

(71) PPG INDUSTRIES OHIO, INC. [US/US]; 3800 West 143rd Street, Cleveland, Ohio 44111 (US).

(72) DECKER, Eldon L.; 459 Partridge Run Road, Gibsonia, Pennsylvania 15044 (US). MUNRO, Calum H.; 112 Candleridge Drive, Wexford, Pennsylvania 15090 (US). JENNINGS, Robert E.; 1296 Mercer Road, Ellwood City, Pennsylvania 16117 (US).

(74) UHL, William J.; PPG Industries, Inc., One PPG Place, Pittsburgh, Pennsylvania 15272 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C09D 5/22, B05D 7/00

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(21) PCT/US2004/029548

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 10/662,077 12 Sep/sep 2003 US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COATING COMPOSITION WITH FLUORESCENT COLORANTS HAVING COLOR EFFECT DEPENDENT ON LIGHT INTENSITY

• COMPOSITION DE REVETEMENT A COLORANTS FLUORESCENTS PRESENTANT UN EFFET COLORANT DEPENDANT DE L'INTENSITE LUMINEUSE

(71) PPG INDUSTRIES OHIO, INC. [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72, 75) DECKER, Eldon L.; 459 Partridge Run Road, Gibsonia, PA 15044 (US). MUNRO, Calum H.; 112 Candleridge Drive, Wexford, PA 15090 (US). JENNINGS, Robert E.; 1296 Mercer Road, Ellwood City, PA 16117 (US).

(74) UHL, William, J.; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C09D 11/00, B41J 2/01, B41M 5/00

(11) WO 2005/028576 (13) A1

(21) PCT/JP2004/014130

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 2003-329166 19 Sep/sep 2003 JP  
(19.09.2003)

(30) 2003-378165 7 Nov/nov 2003 JP  
(07.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RECORDING INK FOR INK-JET RECORDING APPARATUS, AND INK CARTRIDGE, INK-JET RECORDING APPARATUS, INK-JET RECORDING PROCESS, AND RECORDED MATTER

• ENCRE D'IMPRESSION POUR APPAREIL D'IMPRESSION A JET D'ENCRE, AINSI QUE CARTOUCHE D'ENCRE,

APPAREIL D'IMPRESSION A JET D'ENCRE, PROCEDE D'IMPRESSION A JET D'ENCRE ET ELEMENT IM-PRIME

(71) **Ricoh Company, Ltd.** [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAGAI, Kiyofumi** [JP/JP]; Finchill village 102, 2212-1, Naruse, Machida-shi, Tokyo, 1940044 (JP). **KOJIMA, Mariko** [JP/JP]; Gran Durie Komae 203, 1-2-10, Izumihon-cho, Komae-shi, Tokyo, 2010003 (JP). **GOTOH, Akihiko** [JP/JP]; Bon Maison Honatsugi 701, 3-14-8, Naka-cho, Atsugi-shi, Kanagawa, 2430018 (JP). **BANNAI, Akiko** [JP/JP]; Grand Stage Omori 405, 4-6-6, Omorinishi, Ohta-ku, Tokyo, 1430015 (JP).

(74) **HIROTA, Koichi**; HIROTA, NAGARE & ASSOCIATES, 8th Floor, Miyata Bldg., 1-38-2, Yoyogi, Shibuya-ku, Tokyo, 1510053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C09D 11/00

(11) **WO 2005/028577** (13) A2

(21) PCT/US2004/028603

(22) **2 Sep/sep 2004 (02.09.2004)**

(25) en (26) en

(30) 60/500,394 **5 Sep/sep 2003** US (05.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FLUORESCENT SECURITY INKS AND MARKERS COMPRISING CARBON NANOTUBES

• ENCREs DE SECURITE FLUORESCENTES ET MARQUEURS CONTENANT DES NANOTUBES DE CARBONE

(71) **WILLIAM MARSH RICE UNIVERSITY** [US/US]; 6100 Main Street, Houston, TX 77005 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEISMAN, R., Bruce** [US/US]; 4132 Albans Dr., Houston, TX 77005 (US). **BACHILO, Sergei, M.** [US/US]; 9214 Symphonic Ln., Houston, TX 77040 (US). **BOOTH, Eric, Christopher** [US/US]; 3501 10 Ave., No. 124, Moorhead, MN 56560 (US).

(74) **GARSSON, Ross, Spencer** et al. / etc.; Winstead Sechrest & Minick P.C., P.O. Box 50784, Dallas, TX 75201-0784 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C09D 11/00

(11) **WO 2005/028578** (13) A1

(21) PCT/US2004/030252

(22) **15 Sep/sep 2004 (15.09.2004)**

(25) en (26) en

(30) 60/504,013 **18 Sep/sep 2003** US (18.09.2003)

(30) 60/515,570 **29 Oct/oct 2003** US (29.10.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INKJET INK COMPOSITION

• COMPOSITION D'ENCRE POUR JET D'ENCRE

(71) **E.I. DUPONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HERMANSKY, Clarence, Gaetano** [US/US]; 3 Durboraw Road, Wilmington, DE 19810 (US).

(74) **LERMAN, Bart, E.**; E. I. Dupont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C09D 201/00, 4/00, C09K 3/00, B05D 5/06, 7/24, C23C 26/00, B32B 33/00

(11) **WO 2005/028579** (13) A1

(21) PCT/JP2004/014001

(22) **16 Sep/sep 2004 (16.09.2004)**

(25) ja (26) ja

(30) 2003-324574 **17 Sep/sep 2003** JP (17.09.2003)

(30) 2004-53791 **27 Feb/fév 2004** JP (27.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SURFACE FINISHING AGENT AND FINISHED MATERIAL AND METHOD OF SURFACE FINISHING

• AGENT DE FINITION DE SURFACE ET MATERIAU FINI ET PROCEDE DE FINITION DE SURFACE

(71) **KEIO UNIVERSITY** [JP/JP]; 15-45, Mita 2-chome, Minato-ku, Tokyo 108-8345 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ASAKURA, Koichi** [JP/JP]; c/o Keio University Faculty of, Science and Technology, 14-1, Hiyoshi 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa 223-8522 (JP). **KURODA, Akihiro** [JP/JP]; c/o Keio University Faculty of, Science and Technology, 14-1, Hiyoshi 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa 223-8522 (JP). **TAKESHIGE, Hikari** [JP/JP]; c/o Keio University Faculty of, Science and Technology, 14-1, Hiyoshi 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa 223-8522 (JP).

(74) **KODAMA, Yoshihiro** et al. / etc.; Enju-Ochanomizu Bldg. 3F, 17-2, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C09J

(11) **WO 2005/028580** (13) A2

(21) PCT/US2004/024355

(22) **29 Jul/juil 2004 (29.07.2004)**

(25) en (26) en

(30) 60/490,841 **29 Jul/juil 2003** US (29.07.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • WATERBORNE COATINGS AND FOAMS AND METHODS OF FORMING THEM

• REVETEMENT ET MOUSSES EN PHASE AQUEUSE ET LEURS METHODES DE PREPARATION

(71) **NU-CHEM, INC.** [US/US]; 2200 Cassens Drive, Fenton, MO 63026 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAYLOR, Edward, W.** [US/US]; 181 Tortuna Drive, Ballwin, MO 63021 (US).

(74) **POLSTER, J., Philip**; Polster, Lieder, Woodruff & Lucchesi, L.C., 12412 Powerscourt Drive, Suite 200, St. Louis, MO 63131 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C09J 7/02
- (11) WO 2005/028581 (13) A1
- (21) PCT/KR2004/001577
- (22) 29 Jun/juin 2004 (29.06.2004)
- (25) en (26) en
- (30) 10-2003-0066581 25 Sep/sep 2003 KR (25.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MEDICAL ADHESIVE TAPE  
• BANDE ADHESIVE MEDICALE
- (71) BIOPOL CO., LTD. [KR/KR]; 226-8, Baecto-ri, Hyangnam-myun, Hwasong-city, Kyunggi-do 445-924 (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) PARK, Myung-Hwan [KR/KR]; A-2301, Daelim Acrovil, 467-6, Dogok-dong, Gangnam-gu, Seoul 135-270 (KR).
- (72, 75) LEE, Soo-Chang [KR/KR]; 109-1203, Grangvill Apartment, Wolgye 3-dong, Nowon-gu, Seoul 139-956 (KR). KIM, Kab-Keun [KR/KR]; 105-1805, Dream Village Life Apartment, Pyeongchon-dong, Dongan-gu, Anyang-city, Kyunggi-do 431-070 (KR). KANG, Jo-A [KR/KR]; 101-105, Shinil Apartment, Songcheon 1-dong, Deokjin-gu, Jeonju-city, Jeonlabuk-do 561-757 (KR). KIM, Won-II [KR/KR]; 403, Misung 16th Apartment, 183-6, Hyunggok-dong, Gumi-city, Gyeongsangbuk-do 730-930 (KR). JUNG, Kyu-Tak [KR/KR]; 94-193, Shinlim-dong, Kwanak-gu, Seoul 151-029 (KR).
- (74) YOON, Hang-Shik; 9th Floor, BYC Bldg., 648-1, Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C09J 11/00, 129/04, 163/00
- (11) WO 2005/028582 (13) A1
- (21) PCT/JP2004/013410
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) ja (26) ja
- (30) 2003-328377 19 Sep/sep 2003 JP (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • WATER-RESISTANT ADHESIVE COMPOSITION FOR WOOD  
• COMPOSITION D'ADHESIF RESISTANT A L'EAU
- (71) OSHIKA CORPORATION [JP/JP]; 4-21, Funado 1-chome, Itabashi-ku, Tokyo, 1740041 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IWASAKI, Masaharu [JP/JP]; 10-5, Higashi-Mukojima 6-chome, Sumida-ku, Tokyo, 1310032 (JP). MORINAGA, Hiroyasu [JP/JP]; 9-13-406, Iizuka 1-chome, Kawaguchi-shi, Saitama, 3320023 (JP). MURATA, Yuji [JP/JP]; Room107, Maison Oku II, 19-5, Nishikubo 2-chome, Musashino-shi, Tokyo, 1800013 (JP).
- (74) SATO, Tatsuhiko et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo, 1510053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C09J 11/06, C08K 5/00, 5/24
- (11) WO 2005/028583 (13) A1
- (21) PCT/FR2003/050058
- (22) 19 Sep/sep 2003 (19.09.2003)
- (25) fr (26) fr
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DESTRUCTURING AGENT FOR AN ADHESIVE COMPOSITION, AND GLUE AND PRIMER FORMING SAID COMPOSITION  
• AGENT DESTRUCTURANT POUR UNE COMPOSITION ADHESIVE COLLE ET PRIMAIRE CONSTITUES DE CETTE COMPOSITION
- (71) RESCOLL [FR/FR]; Avenue Pey Berland, ENSCPB, F-33600 Pessac (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALCORTA, José [ES/FR]; 80 rue Victor Hugo, F-33130 Begles (FR). PAPON, Eric [FR/FR]; Peyrou, F-33350 Saint Magne De Castillon (FR). VILLENAVE, Jean-Jacques [FR/FR]; 12 Allée de Lanquais, F-33170 Gradignan (FR).
- (74) POUCHUCQ, Bernard; Aquinov, 12 rue Condorcet, F-33150 Cenon (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> C09J 123/08, C08F 210/02, C08L 23/08, C08F 2/00
- (11) WO 2005/028584 (13) A1
- (21) PCT/US2004/030706
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/504,412 19 Sep/sep 2003 US (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • INTERPOLYMERS SUITABLE FOR USE IN HOT MELT ADHESIVES AND PROCESSES TO PREPARE SAME  
• COPOLYMERES SE PRETANT A UNE UTILISATION DANS LES ADHESIFS THERMOFUSIBLES ET PROCÉDES D'ELABORATION
- (71) DOW GLOBAL TECHNOLOGIES INC. [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KARJALA, Teresa [US/US]; 56 Mandevilla Court, Lake Jackson, TX 77566 (US). KOLTHAMMER, Brian, W., S. [CA/US]; 109 Rosewood, Lake Jackson, TX 77566 (US).
- (74) FIFIELD, David, H.; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> C09K 3/10, C04B 24/38, 26/02
- (11) WO 2005/028585 (13) A1
- (21) PCT/US2004/029669
- (22) 14 Sep/sep 2004 (14.09.2004)
- (25) en (26) en

- (30) 60/503,268 **15 Sep/sep 2003** US  
(15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • TAPE JOINT COMPOSITIONS WITH CARBOXYMETHYL (CMC) THICKENER SYSTEM  
• COMPOSITIONS DE BANDE COUVRE-JOINT COMPRENANT UN SYSTEME D'EPASSISSANT DE CARBOXYMETHYLCELLULOSE (CMC)
- (71) HERCULES INCORPORATED [US/US]; Hercules Plaza, 1313 North Market Street, Wilmington, DE 19894-0001 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PODLAS, Thomas, J. [US/US]; 9 Paddington Court, Hockessin, DE 19707 (US).
- (74) EDWARDS, David; Hercules Incorporated, 1313 North Market Street, Wilmington, DE 19894-0001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designation / pour la désignation suivante : US  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> C09K 7/00, 7/02, E21B 33/138, 37/06  
(11) WO 2005/028587 (13) A2  
(21) PCT/GB2004/003831  
(22) 8 Sep/sep 2004 (08.09.2004)  
(25) en (26) en  
(30) 10/664,126 **17 Sep/sep 2003** US  
(17.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • IMPROVED SUBTERRANEAN TREATMENT FLUIDS AND METHODS OF TREATING SUBTERRANEAN FORMATIONS  
• FLUIDES DE TRAITEMENT SOUTERRAIN AMELIORES ET PROCEDES DE TRAITEMENT DE FORMATIONS SOUTERRAINES
- (71) HALLIBURTON ENERGY SERVICES, INC. [US/US]; P.O. Box 1431, Duncan, OK 73533 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) WAIN, Christopher, Paul [GB/GB]; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).  
(only for / seulement pour MW)
- (72, 75) TODD, Bradley, L. [US/US]; 1810 Windsor Drive, Duncan, OK 73533 (US).  
MUNOZ, Trinidad, Jr. [US/US]; 701 Drexal Place, Duncan, OK 73533 (US).
- (74) WAIN, Christopher, Paul et al. / etc.; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> C09K 5/04  
(11) WO 2005/028586 (13) A2  
(21) PCT/FR2004/002231  
(22) 2 Sep/sep 2004 (02.09.2004)  
(25) fr (26) fr  
(30) 0311025 **19 Sep/sep 2003** FR  
(19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HYDROFLUOROCARBON-BASED COMPOSITION AND USE THEREOF  
• COMPOSITION A BASE D'HFC (HYDROFLUOROCARBURES) ET SON UTILISATION
- (71) ARKEMA [FR/FR]; 4-8, cours Michelet, F-92800 Puteaux (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GUILPAIN, Gérard [FR/FR]; 105, chemin du Soyard, F-69126 Brindas (FR).  
CARON, Laurent [FR/FR]; 10, rue Jean-Marie Leclair, F-69009 Lyon (FR).
- (74) DANG, Doris; Arkema, Département Propriété Industrielle, Cours Michelet - La Défense 10, F-92091 Paris La Défense Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> C09K 7/02, 7/06, 3/00, E21B 43/26, 43/16, C08G 73/02, 59/00, 59/10  
(11) WO 2005/028589 (13) A1  
(21) PCT/US2004/029739  
(22) 10 Sep/sep 2004 (10.09.2004)  
(25) en (26) en  
(30) 10/661,669 **12 Sep/sep 2003** US  
(12.09.2003)  
(30) Not furnished / **10 Sep/sep 2004** US  
non communiqué (10.09.2004)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND COMPOSITION FOR RECOVERING HYDROCARBON

- FLUIDS FROM A SUBTERRANEAN RESERVOIR
- PROCEDE ET COMPOSITION DESTINES A RECUPERER DES HYDRO-CARBURES FLUIDES D'UN RESERVOIR SOUTERRAIN
- (71) NALCO ENERGY SERVICES, L.P. [US/US]; 7701 Highway 90-A, Sugar Land, TX 77478 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) TREYBIG, Duane; 1715 Heddon Falls Drive, Sugar Land, TX 77479-5600 (US). CHANG, Kin-Tai; 1126 Misty Lake Drive, Sugar Land, TX 77478 (US).
- (74) KEEFER, Timothy, J.; Seyfarth Shaw LLP, 55 East Monroe, Suite 4200, Chicago, IL 60603 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C09K 11/81, C04B 35/50, G01T 1/20
- (11) WO 2005/028591 (13) A1
- (21) PCT/JP2004/013888
- (22) 24 Sep/sep 2004 (24.09.2004)
- (25) ja (26) ja
- (30) 2003-331489 24 Sep/sep 2003 JP (24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CERAMIC SCINTILLATOR, AND RADIATION DETECTOR AND RADIOGRAPHIC EXAMINATION APPARATUS USING SAME
- SCINTILLATEUR EN CERAMIQUE, DETECTEUR DE RAYONNEMENT ET APPAREIL D'ELIMINATION RADIOGRAPHIQUE UTILISANT UN TEL SCINTILLATEUR
- (71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo, 1058001 (JP). TOSHIBA MATERIALS CO., LTD. [JP/JP]; 8, Shinsugita-cho, Isogo-ku, Yokohama-shi, Kanagawa, 2358522 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FUKUTA, Yukihiko [JP/JP]; c/o Toshiba Materials Co., Ltd. 8, Shinsugita-cho, Isogo-ku, Yokohama-shi, Kanagawa, 2358522 (JP). OOTA, Hiroyasu [JP/JP]; c/o Toshiba Materials Co., Ltd. 8, Shinsugita-cho, Isogo-ku, Yokohama-shi, Kanagawa, 2358522 (JP). TAMATANI, Masaaki [JP/JP]; c/o Toshiba Materials Co., Ltd. 8, Shinsugita-cho, Isogo-ku, Yokohama-shi, Kanagawa, 2358522 (JP).
- (74) SUYAMA, Saichi; Kanda Higashiyama Bldg. 1, Kandata-cho 2-chome, Chiyoda-ku, Tokyo, 1010046 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C10G 1/10, B03B 9/02
- (11) WO 2005/028592 (13) A1
- (21) PCT/CA2004/001727
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) en (26) en
- (30) 60/505,083 22 Sep/sep 2003 US (22.09.2003)
- (30) 60/604,212 25 Aug/août 2004 US (25.08.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESSING AIDS FOR ENHANCED HYDROCARBON RECOVERY FROM OIL SANDS, OIL SHALE AND OTHER PETROLEUM RESIDUES
- AUXILIAIRES DE TRAITEMENT POUR RECUPERATION ACCRUE D'HYDROCARBURES A PARTIR DE SABLES BITUMINEUX, DE SCHISTES BITUMINEUX ET AUTRES RESIDUS DU PETROLE
- (71) THE GOVERNORS OF THE UNIVERSITY OF ALBERTA [CA/CA]; Suite 4000, 8308-114 Street, Edmonton, Alberta T6G 2E1 (CA).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BEETGE, Jan Hendrik [ZA/US]; 4046 Stonehurst, Pearland, Texas 77584 (US). KASONGO, Tshitende [CA/CA]; 161 Caldwell Crescent, Fort McMurray, Alberta T9K 1G4 (CA). KOMISHKE, Bradley, D. [CA/CA]; 120 Scanton Green N.W., Calgary, Alberta T3L 1N3 (CA). LI, Haihong [CA/CA]; 3438 McKay Lane S.W., Edmonton, Alberta T6W 1L5 (CA). LONG, Jun [CA/CA]; 282 Brookside Terrace, Apt. 204B, Edmonton, Alberta T6H 4J6 (CA). MASLIYAH, Jacob, H. [CA/CA]; 17544 55 Avenue, Edmonton, Alberta T6M 1C9 (CA). VENTER, Johann [ZA/US]; 2709 Aspen Lane, Pearland, Texas 77584 (US). WANG, Sanyi [CA/CA]; 515 Falconer Place, Edmonton, Alberta T6R 3A1 (CA). XU, Zhenghe [CA/CA]; 6503 165 Street, Edmonton, Alberta T6H 3W6 (CA).
- (74) GALE, Edwin, J.? et al. / etc.; Kirby Eades Gale Baker, Box 3432, Station D, Ottawa, Ontario K1P 6N9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> C10G 1/10
- (11) WO 2005/028593 (13) A1
- (21) PCT/CN2004/001090
- (22) 24 Sep/sep 2004 (24.09.2004)
- (25) zh (26) zh
- (30) 03134661.8 25 Sep/sep 2003 CN (25.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)

(54) • A INDUSTRIALIZED PROCESS AND A DEVICE FOR PRODUCTION OF GASOLINE, DIESEL OIL FROM WASTE PLASTICS

• PROCEDE INDUSTRIALISE ET DISPOSITIF SERVANT A LA PRODUCTION D'ESSENCE ET DE GAZOLE A PARTIR DE DECHETS DE PLASTIQUE

(71) BEIJING DRAGON NEW ENERGY TECHNOLOGY LTD. [CN/CN]; BAI HUA, BEIJING DRAGON NEW ENERGY TECHNOLOGY LTD., Rm.217, BLK.A, 10-A Huixinli, Chaoyang District, Beijing 100029 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DANG, De Run [CN/CN]; BAI HUA, BEIJING DRAGON NEW ENERGY TECHNOLOGY LTD.Rm.217, BLK.A, 10-A Huixinli, Chaoyang District, Beijing 100029 (CN).

(74) BEIJING HAIHONG JIACHENG INTELLECTUAL PROPERTY & PARTNERS; BEIJING HAIHONG JIACHENG INTELLECTUAL PROPERTY & PARTNERS, NO.281, Beisihuan Zhonglu, Haidian District, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> C10G 11/16, C07C 4/06

(11) WO 2005/028594 (13) A1

(21) PCT/FR2004/002235

(22) 2 Sep/sep 2004 (02.09.2004)

(25) fr (26) fr

(30) 0311031 19 Sep/sep 2003 FR (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR THE DIRECT CONVERSION OF A CHARGE CONTAINING

OLEFINS COMPRISING A MINIMUM OF FOUR OR FIVE CARBON ATOMS, FOR PRODUCING PROPYLENE

• PROCEDE DE CONVERSION DIRECTE D'UNE CHARGE COMPRENANT DES OLEFINES A QUATRE, ET/OU CINQ ATOMES DE CARBONE OU PLUS, POUR LA PRODUCTION DE PROPYLENE

(71) INSTITUT FRANCAIS DU PETROLE [FR/FR]; 1 & 4, avenue de Bois Préau, F-92852 Rueil Malmaison Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUPLAN, Jean-Luc [FR/FR]; 37, rue du 11 novembre, F-69540 Irigny (FR). LA-COMBE, Sylvie [FR/FR]; 10, avenue de Gadagne, F-69230 St Genis Laval (FR).

(74) ELMALEH, Alfred; Institut Français du Pétrole, 1 & 4, avenue de Bois Préau, F-92852 Rueil Malmaison Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C10J 3/30, 3/66

(11) WO 2005/028595 (13) A1

(21) PCT/DK2004/000569

(22) 27 Aug/août 2004 (27.08.2004)

(25) en (26) en

(30) PA 2003 01230 28 Aug/août 2003 DK (28.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPARATUS AND METHOD FOR PRODUCING COMBUSTIBLE GASSES FROM AN ORGANIC MATERIAL

• APPAREIL ET PROCEDE POUR LA PRODUCTION DE GAZ COMBUSTIBLES A PARTIR D'UNE MATIERE ORGANIQUE

(71) TK ENERGI A/S [DK/DK]; Stationsvej 4, DK-4621 Gadstrup (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOCH, Thomas [DK/DK]; Hovedgaden 3, 1. sl, DK-4621 Gadstrup (DK).

(74) HOLME PATENT A/S; Vesterbrogade 20, DK-1620 Copenhagen V (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> C10L 1/08

(11) WO 2005/028596 (13) A1

(21) PCT/EE2004/000003

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) P200300410 24 Sep/sep 2003 EE (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MARINE FUEL

• CARBURANT MARIN

(71) VIRU KEEMIA GRUPP AS [EE/EE]; Järveküla tee 14, EE30328 Kohtla-Järve (EE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARKMAN, Janek [EE/EE]; Järveküla tee 14, EE30328 Kohtla-Järve (EE). PETROVITŠ, Nikolai [EE/EE]; Järveküla tee 14, EE30328 Kohtla-Järve (EE). SEDOV, Nikolai [EE/EE]; Järveküla tee 14, EE30328 Kohtla-Järve (EE). ANTIPOV, Jevgeni [EE/EE]; Järveküla tee 14, EE30328 Kohtla-Järve (EE).

(74) SARAP, Margus; Käosaar & Co Patent Agency, Tähe 94, EE50107 Tartu (EE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C10L 1/18

(11) WO 2005/028597 (13) A1

(21) PCT/US2004/029979

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 60/503,150 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LOW TEMPERATURE OPERABLE FATTY ACID ESTER FUEL COMPOSITION AND METHOD THEREOF

- COMPOSITION DE CARBURANT A BASE D'ESTERS D'ACIDES GRAS UTILISABLE A BASSE TEMPERATURE ET PROCEDE CORRESPONDANT

(71) **THE LUBRIZOL CORPORATION** [US/US]; 29400 Lakeland Boulevard, Wickliffe, OH 44092 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FORESTER, David R.** [US/US]; 3405 Foothills, Weatherford, Texas 76087 (US). **PRICE, David** [GB/GB]; 19 Ambervale Close, Littleover Derby DE23 7YB (GB). **BARBOUR, Robert H.** [GB/GB]; The Old Coach House, Hognaston, Ashbourne Derbyshire DE6 1PW (GB). **CERDA DE GROOTE, Carlos L.** [US/US]; 1446 Grace Avenue, Lakewood, OH 44107 (US). **SCHOBER, Barton J.** [US/US]; 3208 Maine Avenue, Perry, OH 44081 (US).

(74) **MUNSON, Jeffrey, F. et al.** / etc.; The Lubrizol Corporation, 29400 Lakeland Blvd., Wickliffe, OH 44092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C10L 7/00, 7/04, C11C 5/00

(11) **WO 2005/028598** (13) A1

(21) PCT/EP2004/010570

(22) **21 Sep/sep 2004 (21.09.2004)**

(25) fr (26) fr

(30) 03447233.2 **23 Sep/sep 2003 (23.09.2003)** EP

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FUEL COMPOSITION WHICH PRODUCES A COLOURED FLAME

- COMPOSITION COMBUSTIBLE PRODUISANT UNE FLAMME DE COULEUR

(71) **MONER VALLEY INVESTMENTS LLC** [US/US]; 220 East Delaware Avenue, Newark, 19711 DE (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARNELLE, Gérard** [FR/FR]; 78bis rue du Commandant Gat'e, F-44600 St Nazaire (FR).

(74) **DEBLED, Thierry**; 106, rue du Veneur, B-7830 Silly (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C10M 111/04, 169/04

(11) **WO 2005/028599** (13) A1

(21) PCT/US2004/029407

(22) **10 Sep/sep 2004 (10.09.2004)**

(25) en (26) en

(30) 60/502,460 **13 Sep/sep 2003 (13.09.2003)** US

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LUBRICATING COMPOSITIONS FOR AUTOMOTIVE GEARS

- COMPOSITIONS LUBRIFIANTES POUR ENGRENAGES AUTOMOBILES

(71) **EXXONMOBIL CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SULLIVAN, William, T.** [US/US]; 5 Scheiber Drive, Brick, NJ 08723 (US). **OUMAR-MAHAMAT, Halou** [US/US]; 105 Castleton Road, Princeton, NJ 08540 (US).

(74) **MORENO, Louis, N.**; ExxonMobil Chemical Company, Law Technology, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL

PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> C10M 175/02

(11) **WO 2005/028600** (13) A1

(21) PCT/ES2004/000418

(22) **23 Sep/sep 2004 (23.09.2004)**

(25) es (26) es

(30) P200302203 **23 Sep/sep 2003 (23.09.2003)** ES

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • USED OIL REGENERATION METHOD INVOLVING STRIPPING AND DISTILLATION

- PROCEDE DE REGENERATION D'HUILES USEES PAR DEMETALLISATION ET DISTILLATION

(71) **SENER GRUPO DE INGENIERIA, S.A.** [ES/ES]; Severo Ochoa, 4 PTM, E-28760 TRES CANTOS (Madrid) (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANGULO ARAMBURU, Jeronimo** [ES/ES]; Severo Ochoa, 4 PTM, E-28760 TRES CANTOS (Madrid) (ES).

(74) **CARPINTERO LOPEZ, Francisco**; Herrero & Asociados, S.L., Alcalá, 35, E-28014 MADRID (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C11B 7/00, A23D 9/00

(11) **WO 2005/028601** (13) A1

(21) PCT/JP2004/010322

(22) **21 Jul/juil 2004 (21.07.2004)**

(25) ja (26) ja

(30) 2003-324787 **17 Sep/sep 2003 (17.09.2003)** JP

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR DRY SEPARATION OF FAT

- PROCEDE DE SEPARATION SECHE DE CORPS GRAS

(71) **FUJI OIL COMPANY, LIMITED** [JP/JP]; 1-5, Nishishinsaibashi 2-chome, Chuo-ku, Osaka-shi Osaka, 5420086 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUWABARA, Yuji [JP/JP]; c/o Fuji Oil Company, Limited, Hannan Factory, 1, Sumiyoshi-cho, Izumisano-shi Osaka, 5988540 (JP). KANAI, Nobuaki [JP/JP]; c/o Fuji Oil Company, Limited, Hannan Factory, 1, Sumiyoshi-cho, Izumisano-shi Osaka, 5988540 (JP). TAKAHASHI, Toshiaki [JP/JP]; c/o Fuji Oil Company, Limited, Hannan Factory, 1, Sumiyoshi-cho, Izumisano-shi Osaka, 5988540 (JP). YAMANAKA, Yoshihiro [JP/JP]; c/o Fuji Oil Company, Limited, Hannan Factory, 1, Sumiyoshi-cho, Izumisano-shi Osaka, 5988540 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C11B 9/00, A61K 7/46, A44C 5/00, 7/00, G04C 3/00

(11) WO 2005/028602 (13) A1

(21) PCT/RU2004/000316

(22) 13 Aug/août 2004 (13.08.2004)

(25) ru (26) ru

(30) 2003128046 19 Sep/sep 2003 RU (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR PRODUCING FANTASY PERFUME AND DEVICE FOR CARRYING OUT SAID METHOD

• PROCEDE DE CREATION D'UN AROME FANTAISIE ET DISPOSITIF CORRESPONDANT (ET VARIANTES)

(71, 72) SEKRET, Vasilij Grigorievich [RU/RU]; Sredny Tishinky pereulok, 3-75, Moscow, 123557 (RU). SEKRET, Viktor Grigorievich [UA/UA]; ul. Suvorova, 13, Krivoi rog, Dnepropetrovskaya obl., 50074 (UA). SEKRET, Andrey Vasilievich [RU/RU]; ul. Sudostroitel'naya, 22/1-39, Moscow, 115407 (RU).

(74) SEKRET, Vasilij Grigorievich; Sredny Tishinsky pereulok, 3-75, Moscow, 123557 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)<sup>7</sup> C11D 3/20, 7/02, B01J 13/00

(11) WO 2005/028603 (13) A1

(21) PCT/US2004/030989

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,157 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SILICATE DERIVED SOL-GELS SENSITIVE TO WATER CONTENT CHANGE

• SOLS-GELS DERIVES DU SILICATE SENSIBLES AUX CHANGEMENTS DE TENEUR EN EAU

(71) GENENCOR INTERNATIONAL, INC. [US/US]; 925 Page Mill Road, Palo Alto, CA 94304 (US). SOUTHERN ILLINOIS UNIVERSITY [US/US]; Office of Research Development and Administration, Mail Code 4709, Carbondale, IL 62901 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BECKER, Nathaniel T. [US/US]; 1211 Avondale Road, Hillsborough, CA 94010 (US). BAKUL, Dave C. [IN/US]; 6113 Giant City Road # 4, Carbondale, IL 62901 (US). DESHPANDE, Kiranmayi [IN/US]; 1212 Varsity Boulevard # 411, DeKalb, IL 60115 (US). GEBERT, Mark C. [US/US]; 320 Manor Drive, Pacifica, CA 94044 (US). MCAULIFFE, Joseph C. [US/US]; 663 Madrone Avenue, Sunnyvale, CA 94085 (US). SMITH, Wyatt Charles [US/US]; 4094 Paradise Drive, Tiburon, CA 94920 (US).

(74) KUNG, Viola, T.; 2941 Fairview Park Drive, Box 7, Falls Church, VA 22042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C11D 3/20, 7/02, B01J 13/00

(11) WO 2005/028604 (13) A1

(21) PCT/US2004/030990

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,155 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SILICA DERIVED SOL-GELS SENSITIVE TO WATER CONTENT CHANGE

• SOLS-GELS DERIVES DU SILICATE SENSIBLES AUX CHANGEMENTS DE TENEUR EN EAU

(71) GENENCOR INTERNATIONAL, INC. [US/US]; 925 Page Mill Road, Palo Alto, CA 94304 (US). SOUTHERN ILLINOIS UNIVERSITY [US/US]; Office of Research Development and Administration, Carbondale, IL 62901 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BECKER, Nathaniel, Todd [US/US]; 1211 Avondale Road, Hillsborough, CA 94010 (US). BAKUL, Dave, C. [IN/US]; 6113 Giant City Road # 4, Carbondale, IL 62901 (US). DESHPANDE, Kiranmayi [IN/US]; 1212 Varsity Boulevard # 411, DeKalb, IL 60115 (US). GEBERT, Mark, S. [US/US]; 320 Manor Drive, Pacifica, CA 94044 (US). MCAULIFFE, Joseph, C. [US/US]; 663 Madrone Avenue, Sunnyvale, CA 94085 (US). SMITH, Wyatt, Charles [US/US]; 4094 Paradise Drive, Tiburon, CA 94920 (US).

(74) KUNG, Viola, T.; 2941 Fairview Park Drive, Box 7, Falls Church, VA 22042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C11D 7/50, C10M 17/1/00, C11D 7/26

(11) WO 2005/028605 (13) A1

(21) PCT/FR2004/002230

(22) 2 Sep/sep 2004 (02.09.2004)

(25) fr (26) fr

(30) 0311024 19 Sep/sep 2003 FR (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CLEANING SOLUTION

• SOLUTION DE NETTOYAGE

(71) ARKEMA [FR/FR]; 4-8, cours Michelet, F-92800 Puteaux (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUILPAIN, Gérard [FR/FR]; 105, chemin du Soyard, F-69126 Brindas (FR). CARON, Laurent [FR/FR]; 10, rue Jean-Marie Leclair, F-69009 Lyon (FR).

(74) DANG, Doris; Arkema, Département Propriété Industrielle, Cours Michelet, La Défense 10, F-92091 Paris la Défense Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM



PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(t) for the following designation / pour la  
désignation suivante : US

(u) for / pour US only / seulement

(51)<sup>7</sup> C11D 17/04, D06L 1/00

(11) WO 2005/028606 (13) A1

(21) PCT/US2004/029835

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 10/660,823 12 Sep/sep 2003 US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • COMPREHENSIVE STAIN REMOVAL  
KIT AND METHOD WITH ABSORBENT  
BACKING MATERIAL  
• KIT DETACHANT COMPLET ET PRO-  
CEDE DE DETACHAGE MOYENNANT  
DU MATERIAU DE SUPPORT ABSOR-  
BANT

(71) MP TECHNOLOGIES [US/US]; 42-20  
12th Street, Long Island City, NY 11101  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MAHDESSIAN, John [US/US]; c/o  
Madame Paulette, 42-20 12th Street, Long  
Island City, NY 11101 (US).

(74) WEINER, Samuel, H. et al. / etc.; Os-  
trolenk, Faber, Gerb & Soffen LLP, 1180 Ave-  
nue of the Americas, New York, NY 10036  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C12G 3/06, A23L 2/52, 2/56, C08J 5/04

(11) WO 2005/028607 (13) A1

(21) PCT/CA2004/001633

(22) 3 Sep/sep 2004 (03.09.2004)

(25) en (26) en

(30) 60/505,516 23 Sep/sep 2003 US  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • SEMI-SOLID BEVERAGE PREPARA-  
TIONS AND METHODS OF MAKING  
THEM  
• PREPARATIONS DE BOISSON SEMI-  
SOLIDES ET PROCEDE DE PRODUC-  
TION DE CES PREPARATIONS

(71) TROPIC OF INNOVATION INC.  
[CA/CA]; 33 Hammond Crescent, Lon-  
don, Ontario N5X 1A5 (CA).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) ELLIOT, Scott [CA/CA]; 33 Hammond  
Crescent, London, Ontario N5X 1A5 (CA).

(74) PRINCE, Gaétan et al. / etc.; Brouillette  
Kosie Prince, 1100 René-Lévesque Boule-  
vard West, 25th Floor, Montréal, Québec  
H3B 5C9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C12M

(11) WO 2005/028608 (13) A2

(21) PCT/EP2004/009414

(22) 23 Aug/août 2004 (23.08.2004)

(25) de (26) de

(30) 103 39 905.4 29 Aug/août 2003 DE  
(29.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • CELL PROCESSOR FOR USE IN THE  
TREATMENT OF DISEASES  
• PROCESSEUR DE CELLULES SER-  
VANT A TRAITER DES MALADIES

(71) KIST-EUROPE FORSCHUNGS-  
GESELLSCHAFT MBH [DE/DE];  
Stuhlsatzenhäuserweg 97, 66123 Saarbrücken  
(DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) STEINFELD, Ute [DE/DE]; Römer-  
strasse 29, 66386 St. Ingbert (DE). LEE,

Hyeck-Hee [KR/DE]; Im kurzen Tal 8,  
66386 St. Ingbert (DE).

(74) PFENNING, MEINIG & PARTNER  
GBR; Mozartstrasse 17, D-80336 München  
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C12M 1/00

(11) WO 2005/028609 (13) A2

(21) PCT/GB2004/003990

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 0322089.4 20 Sep/sep 2003 GB  
(20.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • APPARATUS FOR PROCESSING BIO-  
LOGICAL MATERIALS  
• APPAREIL POUR TRAITER DES MA-  
TIERES BIOLOGIQUES

(71) MAST GROUP LIMITED [GB/GB]; Mast  
House, Derby Road, Bootle, Merseyside L20  
1EA (GB).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) DAVID, Hugh, Williams [GB/GB];  
207 Bowland Drive, Litherland, Liverpool,  
Merseyside L21 0JH (GB).

(74) W.P THOMPSON & CO.; Coopers Build-  
ing, Church Street, Liverpool L1 3AB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C12M 1/14, A23L 2/52, C12C 5/00, 5/02,  
A23L 1/00, A23C 9/152, A23F 5/24, 3/16

(11) WO 2005/028610 (13) A2

(21) PCT/US2004/029674

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 60/502,769 12 Sep/sep 2003 US  
(12.09.2003)

- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • THE USE OF LABIATAE HERB PREPARATIONS FOR FOAM ENHANCEMENT OF BEVERAGES  
• UTILISATION DE PREPARATIONS D'HERBES DE LABIACEES POUR AMELIORER L'EFFET MOUSSANT DE BOISSONS
- (71) KALAMAZOO HOLDINGS, INC. [US/US]; 3713 West Main Street, Kalamazoo, MI 49006 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **Mennett, Randall, H.** [US/US]; 6299 Redfern Circle, Portage, MI 49024 (US). **BARREN, James, P.** [US/US]; 4105 Stoney Hill Drive, Kalamazoo, MI 49009 (US). **BERDAHL, Donald, R.** [US/US]; 77267 County Road 652, Lawton, MI 49065 (US). **WALTER, Polly, A.** [US/US]; 1624 Texel Drive, Kalamazoo, MI 49048 (US). **HANER, Gregory, P.** [US/US]; 4758 Sparrow Avenue, Kalamazoo, MI 49004 (US).
- (74) **SAGE, G., Patrick;** The Firm of Hueschen and Sage, 500 Columbia Plaza, 350 East Michigan Avenue, Kalamazoo, MI 49007 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12M 1/38, 1/34, G01N 33/49
- (11) WO 2005/028612 (13) A1
- (21) PCT/JP2004/013298
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) ja (26) ja
- (30) 2003-330736 22 Sep/sep 2003 JP (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SOLUTION TEMPERATURE CONTROL DEVICE IN BIOLOGICAL CELL OBSERVING CHAMBER  
• DISPOSITIF DE REGULATION DE LA TEMPERATURE D'UNE SOLUTION DANS UNE CHAMBRE D'OBSERVATION DE CELLULES BIOLOGIQUES
- (71) **HIRATA CORPORATION** [JP/JP]; 9-20, Togoshi 3-chome, Shinagawa-ku, Tokyo 142-0041 (JP). **EFFECTOR CELL INSTITUTE, INC.** [JP/JP]; 33-8, Komaba 1-chome, Meguro-ku, Tokyo 153-0041 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **NOGUCHI, Kouichi** [JP/JP]; c/o Hirata Corporation, 9-20, Togoshi 3-chome, Shinagawa-ku, Tokyo 142-0041 (JP). **MATSUMURA, Kazuyuki** [JP/JP]; c/o Hirata Corporation, 9-20, Togoshi 3-chome, Shinagawa-ku, Tokyo 142-0041 (JP). **MIT-SUNAGA, Takesi** [JP/JP]; c/o Hirata Corporation, 9-20, Togoshi 3-chome, Shinagawa-ku, Tokyo 142-0041 (JP). **KANE-GASAKI, Shiro** [JP/JP]; c/o Effector Cell Institute, Inc., 33-8, Komaba 1-chome, Meguro-ku, Tokyo 153-0041 (JP).
- (74) **INOUE, Motohiro;** 1-2-805, Saiwai 2-chome, Ichikawa-shi, Chiba 272-0123 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12M 1/34
- (11) WO 2005/028611 (13) A1
- (21) PCT/JP2004/013297
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) ja (26) ja
- (30) 2003-330735 22 Sep/sep 2003 JP (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • BIOLOGICAL CELL OBSERVING CHAMBER  
• CHAMBRE D'OBSERVATION DE CELLULES BIOLOGIQUES
- (71) **HIRATA CORPORATION** [JP/JP]; 9-20, Togoshi 3-chome, Shinagawa-ku, Tokyo 142-0041 (JP). **EFFECTOR CELL INSTITUTE, INC.** [JP/JP]; 33-8, Komaba 1-chome, Meguro-ku, Tokyo 153-0041 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MATSUMURA, Kazuyuki** [JP/JP]; c/o Hirata Corporation, 9-20, Togoshi 3-chome, Shinagawa-ku, Tokyo 142-0041 (JP). **KANE-GASAKI, Shiro** [JP/JP]; c/o Effector Cell Institute, Inc., 33-8, Komaba 1-chome, Meguro-ku, Tokyo 153-0041 (JP).
- (74) **INOUE, Motohiro;** 1-2-805, Saiwai 2-chome, Ichikawa-shi, Chiba 272-0123 (JP).
- 
- (51)<sup>7</sup> C12N
- (11) WO 2005/028613 (13) A2
- (21) PCT/FR2004/002221
- (22) 1 Sep/sep 2004 (01.09.2004)
- (25) fr (26) fr
- (30) 0310789 15 Sep/sep 2003 FR (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR FUNCTIONALLY SCREENING AGENTS WHICH CAN MODULATE THE ACTIVITY OF UBIQUITINE HYDROLASES AND USES THEREOF.  
• PROCEDE DE CRIBLAGE FONCTIONNEL D'AGENTS APRES A MODULER L'ACTIVITE DES UBIQUITINE HYDROLASES ET LEURS APPLICATIONS.
- (71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [FR/FR]; 3 rue Michel-Ange, F-75016 Paris (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **THOMAS, Dominique** [FR/FR]; 34 allée des Graviers de la Salmouille, F-91190 Gif-Sur-Yvette (FR). **BARBEY, Régine** [FR/FR]; 9 Impasse du Paradou, F-91140 Villebon-Sur-Yvette (FR).
- (74) **CABINET ORES?;** 36 rue de St Pétersbourg, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N
- (11) WO 2005/028614 (13) A2
- (21) PCT/TN2004/000002
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) fr (26) fr
- (30) SN 03079 24 Sep/sep 2003 TN (24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CONSTRUCTION OF A GST-CBD FUSION PROTEIN HAVING SEVERAL ENZYMATIC ACTIVITIES  
• CONSTRUCTION D'UNE PROTEINE DE FUSION « GST-CBD » DOUEE DE PLUSIEURS ACTIVITES ENZYMATIQUES
- (71) **CENTRE DE BIOTECHNOLOGIE DE SFAX CBS** [TN/TN]; Route Soukra km 4, T-Sfax (TN).
- (72) **AMOURI, Bahia;** Route Soukra Km 4, T-Sfax (TN). **GARGOURI, Ali;** Route Soukra Km 4, T-Sfax (TN).

(74) HACHAICHI, Sarah; Rue du Lac Victoria, T-2045 Les Berges du Lac, Tunis (TN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :  
(u) for / pour US only / seulement

(51)<sup>7</sup> C12N  
(11) WO 2005/028615 (13) A2  
(21) PCT/US2004/020747  
(22) 28 Jun/juin 2004 (28.06.2004)  
(25) en (26) en  
(30) 60/482,504 26 Jun/juin 2003 US (26.06.2003)  
(30) 60/487,301 16 Jul/juil 2003 US (16.07.2003)  
(30) 60/511,634 17 Oct/oct 2003 US (17.10.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS AND COMPOSITIONS FOR DETECTING PROMOTER ACTIVITY AND EXPRESSING FUSION PROTEINS  
• PROCEDES ET COMPOSITIONS PERMETTANT DE DETECTER UNE ACTIVITE DE PROMOTEUR ET D'EXPRIMER DES PROTEINES DE FUSION

(71) INVITROGEN CORPORATION [US/US]; 1600 Faraday Avenue, Carlsbad, California 92008 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) WELCH, Peter J. [US/US]; 4689 E. Talmadge Drive, San Diego, California 92116 (US). CHESNUT, Jonathan D. [US/US]; 1839 Valencia Avenue, Carlsbad, California 92008 (US). BENNETT, Robert P. [US/US]; 1269 Rainbow Ridge Lane, Encinitas, California 92024 (US). FRIMPONG, Kenneth [US/US]; 4152 Camino Ticino, San Diego, California 92122 (US). LEONG, Louis [SG/US]; 25925 Via Del Sur, Mission Viejo, California 92691 (US). FAN, James [US/US]; 3550 Knollwood Drive, Carlsbad, California 92008 (US). YIM, Harry [US/US]; 1616 Marbella Drive, Vista, California 92081 (US). VOZZA-BROWN, Laura [US/US]; 5117 El Arbol Drive, Carlsbad, California 92008 (US).

(74) ESMOND, ROBERT W. et al. / etc.; STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Washington, District of Columbia 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N  
(11) WO 2005/028616 (13) A2  
(21) PCT/US2004/022328  
(22) 9 Jul/juil 2004 (09.07.2004)  
(25) en (26) en  
(30) 60/490,064 24 Jul/juil 2003 US (24.07.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MORPHOGEN COMPOSITIONS AND METHODS OF USE THEREOF TO TREAT HEART DISORDERS  
• COMPOSITIONS MORPHOGENES ET LEURS METHODES D'UTILISATION POUR LE TRAITEMENT DE MALADIES CARDIAQUES

(71) CARITAS ST. ELIZABETH'S MEDICAL CENTER OF BOSTON, INC. [US/US]; 736 Cambridge Street, Boston, MA 02135 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) LOSORDO, Douglas, W. [US/US]; 22 Jefferson Road, Winchester, MA 01890 (US).

(74) BUCHANAN, Robert, L. et al. / etc.; Edwards & Angell, LLP, P.O. Box 55874, Boston, MA 02205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N  
(11) WO 2005/028617 (13) A2  
(21) PCT/US2004/029956  
(22) 13 Sep/sep 2004 (13.09.2004)  
(25) en (26) en  
(30) 60/502,729 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ANTISENSE INHIBITION OF LAMININ-8 EXPRESSION TO INHIBIT HUMAN GLIOMAS

• INHIBITION ANTISENS DE L'EXPRESSION DE LAMINININE-8 POUR L'INHIBITION DE GLIOMES HUMAIN

(71) ARROGENE, INC. [US/US]; 8631 West Third Street, Suite 800E, Los Angeles, CA 90048 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) LJUBIMOVA, Julia, Y. [US/US]; 11419 Dona Pegita Drive, Studio City, CA 91604 (US). LJUBIMOVA, Alexander, V. [US/US]; 11419 Dona Pegita Drive, Studio City, CA 91604 (US). BLACK, Keith, L. [US/US]; 1233 Roberto Lane, Los Angeles, CA 90077 (US).

(74) KIRCHANSKI, Stefan, J.; Liner Yankelevitz Sunshine & Regenstreif, LLP, 1100 Glendon Avenue, 14th Floor, Los Angeles, CA 90024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N  
(11) WO 2005/028618 (13) A2  
(21) PCT/US2004/030032  
(22) 15 Sep/sep 2004 (15.09.2004)  
(25) en (26) en  
(30) PCT/US2003/029165 15 Sep/sep 2003 US (15.09.2003)

(30) 60/548,789 26 Feb/fév 2004 US (26.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMMUNOGENIC COMPOSITIONS FOR STREPTOCOCCUS AGALACTIAE  
• COMPOSITIONS IMMUNOGENES POUR <I>STREPTOCOCCUS AGALACTIAE</I>

(71) CHIRON CORPORATION [US/US]; 4560 Horton Street, Emeryville, CA 94608-2916 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) RAPPUOLI, Rino [—/US]; c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US).

(74) HALE, Rebecca, M.; Chiron Corporation, 4560 Horton Street, Emeryville, CA 94608-2916 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> C12N
- (11) WO 2005/028619 (13) A2
- (21) PCT/US2004/030095
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 60/503,165 15 Sep/sep 2003 US  
(15.09.2003)
- (30) 60/570,187 12 May/mai 2004 US  
(12.05.2004)
- (30) 10/843,707 12 May/mai 2004 US  
(12.05.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NANOLITER-SCALE SYNTHESIS  
OF ARRAYED BIOMATERIALS AND  
SCREENING THEREOF
- SYNTHÈSE, A L'ECHELLE DU NANO-  
LITRE, DE BIOMATERIAUX EN RE-  
SEAUX ET CRIBLAGE DE CEUX-CI
- (71) MASSACHUSETTS INSTITUTE OF  
TECHNOLOGY [US/US]; Five Cambridge  
Center, Cambridge, MA 02142-1493 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (71, 72) ANDERSON, Daniel G. [US/US]; 270  
Belknap Street, Framingham, MA 01701  
(US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) LEVENBERG, Shulamit [IL/US]; 19  
Wiltshire Road, Brighton, MA 02135 (US).  
LANGER, Robert, S. [US/US]; 98 Montrale  
Road, Newton, MA 02459 (US).
- (74) ROSEN, Valerie, B.; Choate, Hall & Stew-  
art, Exchange Place, 53 State Street, Boston,  
MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> C12N
- (11) WO 2005/028620 (13) A2
- (21) PCT/US2004/030161
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 60/503,525 16 Sep/sep 2003 US  
(16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HISTONE MODIFICATIONS AS BI-  
NARY SWITCHES CONTROLLING  
GENE EXPRESSION
- MODIFICATIONS D'HISTONE UTI-  
LISEES COMME DES COMMU-  
TATEURS BINAIRES REGULANT  
L'EXPRESSION GENIQUE
- (71) THE ROCKEFELLER UNIVERSITY  
[US/US]; 1230 York Avenue, New York, NY  
10021-6399 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) ALLIS, David, C. [US/US]; 504 East  
63rd Street, Apartment 23-P, New York, NY  
10021 (US). FISCHLE, Wolfgang [DE/US];  
500 E. 63rd Street, Apartment 18-K, New  
York, NY 10021 (US). DORMANN, Holger  
[DE/US]; 1230 York Avenue, Graduate Stu-  
dent Residence #322, New York, NY 10021  
(US).
- (74) GOLDMAN, Michael, L. et al. / etc.; Nixon  
Peabody LLP, Clinton Square, P.O. Box  
31051, Rochester, NY 14603-1051 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> C12N
- (11) WO 2005/028621 (13) A2
- (21) PCT/US2004/030176
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 60/503,406 15 Sep/sep 2003 US  
(15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ASSAYS WITH PRIMARY CELLS
- ESSAIS BIOLOGIQUES SUR DES CEL-  
LULES PRIMAIRES
- (71) VITRA BIOSCIENCE, INC. [US/US];  
2450 Bayshore Parkway, Mountain View, CA  
94041 (US).
- (72) BESKE, Oren, E.; 324 Stowell Avenue,  
Sunnyvale, CA 94085 (US). FOULKES,  
Gordon, J.; 1220 Rancho Encinitas Drive,  
Encinitas, CA 92024 (US). GOLDBARD,  
Simon; 1033 Tulipan Drive, San Jose, CA  
95129 (US). GUO, Jinjiao; 1113 Foxhurst  
Way, San Jose, CA 95120 (US).
- (74) ABNEY, James, R.; Kolisch Hartwell, P.C.,  
520 S.W. Yamhill Street, Suite 200, Portland,  
OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM
- PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> C12N
- (11) WO 2005/028622 (13) A2
- (21) PCT/US2004/030307
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 10/663,353 15 Sep/sep 2003 US  
(15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COMPOSITIONS INCLUDING DIF-  
FERENT TYPES OF TRANSFER FAC-  
TOR, METHODS FOR MAKING THE  
COMPOSITIONS, AND METHODS OF  
TREATMENT USING THE COMPOSI-  
TIONS
- COMPOSITIONS COMPRENANT  
DIVERS TYPES DE FACTEUR DE  
TRANSFERT, PROCÉDES DE PREPA-  
RATION DES COMPOSITIONS ET ME-  
THODES DE TRAITEMENT METTANT  
EN OEUVRE LES COMPOSITIONS
- (71) 4LIFE RESEARCH, LC [US/US]; 9850  
South 300 West, Sandy, UT 84070-3262  
(US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) LISONBEE, David [US/US]; 9850  
South 300 West, Sandy, UT 84070 (US).  
HENNEN, William, J. [US/US]; 1159 South  
1190 East, Springville, UT 84663 (US).  
DAUGHERTY, F., Joseph [US/US]; 20308  
Rockbrook Road, Omaha, NE 68124 (US).
- (74) POWER, Brick, G. et al. / etc.; Traskbritt,  
230 South 500 East, Suite 300, P.O. Box 2550,  
Salt Lake City, UT 84110-2550 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> C12N
- (11) WO 2005/028623 (13) A2
- (21) PCT/US2004/030313
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 60/503,855 17 Sep/sep 2003 US  
(17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)

- (54) • BROAD HOST RANGE PBBR1-BASED PLASMID MUTANT DERIVATIVES HAVING ALTERED PLASMID COPY NUMBER
- DERIVE MUTANT DE PLAS-MIDE PBBR1-A LARGE SPECTRE D'ACTIVITE AYANT UN NOMBRE DE COPIES DE PLASMIDE MODIFIEES
- (71) E.I. DUPONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CHENG, Qiong [CN/US]; 4 Collins Drive, Wilmington, DE 19803 (US). TAO, Luan [CN/US]; 733 Naamans Road, Apartment 23F, Claymont, DE 19703 (US).
- (74) FELTHAM, Neil, S.; E. I. Du Pont De Nemours And Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N
- (11) WO 2005/028625 (13) A2
- (21) PCT/US2004/030397
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/503,460 17 Sep/sep 2003 US (17.09.2003)
- (30) 60/604,722 27 Aug/août 2004 US (27.08.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CONSENSUS/ANCESTRAL IMMUNOGENS
- IMMUNOGENES CONSENSUS/ANCESTRAUX
- (71) DUKE UNIVERSITY [US/US]; P.O. Box 90083, Durham, NC 27708-0083 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) KORBER, Bette, T. [US/US]; 1290 Big Rock Loop, Los Alamos, NM 87544 (US). HAHN, Beatrice, H. [DE/US]; 3571 Rockhill Road, Birmingham, AL 35223 (US). SHAW, George, M. [US/US]; 3571 Rockhill Road, Birmingham, AL 35223 (US). KOTHE, Denise [US/US]; 734 39th Street, Birmingham, AL 35222 (US). LI, Ying Ying [CN/US]; 2529 Mountain Cove, Hoover, AL 35266 (US). DECKER, Julie [US/US]; 1116 Colonial Drive, Alabaster, AL 35007 (US).
- (72, 75) HAYNES, Barton, F. [US/US]; 3923 Wentworth Street, Durham, NC 27707 (US). GAO, Feng [US/US]; 702 Country Club Drive, Durham, NC 27712 (US). LIAO, Hua-Xin [CN/US]; 200 Pebble Springs Road, Chapel Hill, NC 27514 (US).
- (74) WILSON, Mary, J.; Nixon & Vanderhye P.C., 1100 North Glebe Road, Suite 800, Arlington, VA 22201-4714 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N
- (11) WO 2005/028624 (13) A2
- (21) PCT/US2004/030360
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 60/503,277 15 Sep/sep 2003 US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MOLECULAR SCAFFOLDS FOR KINASE LIGAND DEVELOPMENT
- ECHAFAUDAGES MOLECULAIRES POUR LE DEVELOPPEMENT DE LIGANDS DES PROTEINES KINASES
- (71) PLEXXIKON, INC. [US/US]; 91 Bolivar Drive, Suite A, Berkeley, CA 94710 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ARTIS, Dean R. [US/US]; 50 Arl-mont Drive, Kensington, CA 94707 (US). BREMER, Ryan, E. [US/US]; 309 4th Street, #111, Oakland, CA 94507 (US). GILLETTE, Samuel, J. [US/US]; 1042 Underhills Road, Oakland, CA 94610 (US). HURT, Clarence, R. [US/US]; 2901 Burnbrae Lane, San Ramon, CA 94583 (US). IBRAHIM, Prabham, L. [IN/US]; 3380 Lubich Drive, Mountain View, CA 94040 (US). ZUCKERMAN, Rebecca, L. [US/US]; 1620 Clinton Avenue, Alameda, CA 94501 (US).
- (74) WARBURG, Richard, J. et al. / etc.; FOLEY & LARDNER LLP, P.O. Box 80278, San Diego, CA 92138-0278 (US).
- (51)<sup>7</sup> C12N
- (11) WO 2005/028626 (13) A2
- (21) PCT/US2004/030404
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/504,674 18 Sep/sep 2003 US (18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CELL CULTURE MEDIA
- MILIEUX DE CULTURE DE CELLULES
- (71) RAVEN BIOTECHNOLOGIES, INC. [US/US]; Britannia Oyster Point, 1140 Veterans Boulevard, South San Francisco, CA 94080 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TSAO, Mary, C. [US/US]; 809 Baywater Avenue, Burlingame, CA 94010 (US).
- (74) ZHOU, Jie et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N
- (11) WO 2005/028627 (13) A2
- (21) PCT/US2004/030417
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/504,443 19 Sep/sep 2003 US (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PERFORMING SEQUENCE ANALYSIS AS A RELATIONAL JOIN
- EXECUTION D'UNE ANALYSE DE SEQUENCE SOUS LA FORME D'UNE JOINTURE RELATIONNELLE
- (71) NETEZZA CORPORATION [US/US]; 200 Crossing Boulevard, Framingham, MA 01701 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ZANE, Barry, M. [US/US]; 4 Cobblestone Circle, Wayland, MA 01778 (US). DIXIT, Sanjay, G. [IN/US]; 50 Deerfoot Road, Southborough, MA 01772 (US). TAMMISSETTI, Venkannababu [IN/US]; 23 Farmington Drive, Shrewsbury, MA 01545 (US).
- (74) THIBODEAU, David, J., Jr.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N  
(11) WO 2005/028628 (13) A2  
(21) PCT/US2004/030436  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) en (26) en  
(30) 60/504,110 18 Sep/sep 2003 US (18.09.2003)  
(30) 60/576,534 3 Jun/juin 2004 US (03.06.2004)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • MODULATION OF EIF4E EXPRESSION  
• MODULATION DE L'EXPRESSION DE EIF4E  
(71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US). ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) FREIER, Susan, M. [US/US]; 2946 Renault Street, San Diego, CA 92122 (US). DOBIE, Kenneth, W. [GB/US]; 703 Stratford Court, #4, Del Mar, CA 92014 (US). MARCUSSON, Eric, G. [US/US]; 6369 Caminito de Pastel, San Diego, CA 92111 (US). SWAYZE, Eric, E. [US/US]; 7789 Palenque Street, Carlsbad, CA 92009 (US). BHAT, Balkrishen [IN/US]; 911 Rosemary Avenue, Carlsbad, CA 92009 (US). GRAFF, Jeremy, R. [US/US]; 6819 North Meadowgreen Drive, Indianapolis, IN 46228 (US). KONICEK, Bruce, W. [US/US]; 3422 West 46th Street, Indianapolis, IN 46228 (US).  
(74) LEGAARD, Paul, K.; Cozen O'Connor, 1900 Market Street, Philadelphia, PA 19103 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N  
(11) WO 2005/028629 (13) A2  
(21) PCT/US2004/030520  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) en (26) en  
(30) 60/504,500 19 Sep/sep 2003 US (19.09.2003)  
(30) 60/504,052 19 Sep/sep 2003 US (19.09.2003)  
(30) 60/589,224 19 Jul/juil 2004 US (19.07.2004)  
(30) 60/589,225 19 Jul/juil 2004 US (19.07.2004)  
(30) 60/601,716 13 Aug/août 2004 US (13.08.2004)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • WHOLE GENOME EXPRESSION ANALYSIS SYSTEM  
• SYSTEME D'ANALYSE D'EXPRESSION DE GENOME ENTIER  
(71) APPLERA CORPORATION [US/US]; 850 Lincoln Centre Drive, Foster City, California 94404 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) HARDING, Ian [US/US]; 147 Burbank Avenue, San Mateo, California 94403 (US). SANDELL, Don [US/US]; 3128 Linkfield Way, San Jose, California 95135 (US). BODNER, Kevin [US/US]; 1712 Valley View Avenue, Belmont, California 94002 (US). PATEL, Jaynish [US/US]; 7608 Ambrose Way, Sacramento, California 95831 (US). WOUDENBERG, Timothy [US/US]; 120 Arbor Land, P.O. Box 4, Moss Beach, California 94038 (US). OLDHAM, Mark [US/US]; 16500 Soda Springs Road, Los Gatos, California 95033 (US). KAO, H. Pin [CA/US]; 37581 Maple Street, Fremont, California 94536 (US). LIM, Gary [US/US]; 2739 37th Avenue, San Francisco, California 94116 (US). BODEAU, John [US/US]; 23A 12th Avenue, San Mateo, California 94402 (US). BAHATT, Dar [IL/US]; 677 Bounty Drive, Apt. #201-U, Foster City, California 94404 (US). ERMAKOV, Sergey [RU/US]; 2209 Oak Creek Lane, Hayward, California 94541 (US). FAWCETT, Adrian [GB/US]; 3606 W. Las Positas Boulevard, Pleasanton, California 94588 (US).  
(74) LANG, Michael; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, Michigan 48303 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N  
(11) WO 2005/028630 (13) A2  
(21) PCT/US2004/030606  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) en (26) en  
(30) 60/504,502 19 Sep/sep 2003 US (19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • ENGINEERED ZINC FINGER PROTEINS FOR REGULATION OF GENE EXPRESSION  
• PROTEINES A DOIGT DE ZINC ISSUES DU GENIE GENETIQUE POUR LA REGULATION DE L'EXPRESSION GENIQUE  
(71) SANGAMO BIOSCIENCES, INC. [US/US]; Point Richmond Tech Center, 501 Canal Blvd., Suite A100, Richmond, CA 94804 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) MOORE, Michael [GB/GB]; The Hideaway, Fagnall Lane, Winmore Hill, Amersham, Buckinghamshire HP7 0PG (GB). CHOO, Yen [GR/GB]; 20 Norfolk Mansions, Prince of Wales Drive, Greater London, London SW11 4HL (GB). KLUG, Aaron [GB/GB]; 70 Cavendish Avenue, Cambridge, Cambridgeshire CB1 7UT (GB).  
(74) PASTERNAK, Dahna S. et al. / etc.; ROBINS & PASTERNAK LLP, 1731 Embarcadero Road, Suite 230, Palo Alto, CA 94303 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N  
(11) WO 2005/028631 (13) A2  
(21) PCT/US2004/030631  
(22) 20 Sep/sep 2004 (20.09.2004)  
(25) en (26) en  
(30) 60/503,943 19 Sep/sep 2003 US (19.09.2003)  
(30) 60/556,642 26 Mar/mar 2004 US (26.03.2004)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • A NOVEL BIODEGRADABLE ELASTOMERIC SCAFFOLD FOR TISSUE ENGINEERING AND LIGHT SCATTERING FINGERPRINTING METHODS FOR TESTING THE SAME  
• NOUVEL ECHAFAUDAGE ELASTOMERE BIODEGRADABLE POUR

GENIE TISSULAIRE ET PROCEDES  
DESSAI ASSOCIES DE CARTOGRA-  
PHIE PEPTIDIQUE DE DIFFUSION DE  
LUMIERE

(71) **NORTHWESTERN UNIVERSITY**  
[US/US]; 633 Clark Street, Evanston, IL  
60208 (US).

*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) **AMEER, Guillermo** [—/US] (US).  
**YANG, Jian** [—/US] (US). **WEBB, Antonio**  
[—/US] (US).

(74) **MCMILLIAN, Nabeela, R.**; Marshall,  
Gerstein, & Borun LLP, 6300 Sears Tower,  
233 South Wacker Drive, Chicago, IL 60606  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C12N

(11) **WO 2005/028632** (13) A2

(21) PCT/US2004/030666

(22) **20 Sep/sep 2004 (20.09.2004)**

(25) en (26) en

(30) 60/504,392 **19 Sep/sep 2003** US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **HYALURONAN (HA) ESTERIFICA-  
TION VIA ACYLATION TECHNIQUE  
FOR MOLDABLE DEVICES**

• **ESTERIFICATION DU HYALURONAN  
PAR ACYLATION POUR DES DISPO-  
SITIFS MOULABLES**

(71) **COLORADO STATE UNIVERSITY  
RESEARCH FOUNDATION (CSURF)**  
[US/US]; P.O. Box 482, Fort Collins, CO  
(US).

*(for all designated States except / pour tous  
les États désignés sauf US)*

(71, 72) **JAMES, Susan, P.** [US/US]; 46 Red-  
stone Lane, Bellvue, CO 80512 (US).  
**ZHANG, Min** [CN/US]; 5644 Univer-  
sity Way NE, Apt. #106, Seattle, WA 98105  
(US).

(74) **MACHELEDT, Jean, M.**; Macheledt Bales  
& Heidmiller LLP, 501 Skysail Lane, Suite  
B100, Fort Collins, CO 80525 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C12N

(11) **WO 2005/028633** (13) A2

(21) PCT/US2004/030736

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 60/560,750 **17 Sep/sep 2003** US  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **MODULATION OF RANKL EXPRES-  
SION**

• **MODULATION DE L'EXPRESSION DU  
RANKL**

(71) **ISIS PHARMACEUTICALS, INC.**  
[US/US]; 2292 Faraday Avenue, Carls-  
bad, CA 92008 (US).

*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) **BAKER, Brenda, F.** [US/US]; 2927  
Rancho Cortes, Carlsbad, CA 92009 (US).  
**BENNETT, Frank, C.** [US/US]; 1347  
Cassins Street, Carlsbad, CA 92009 (US).  
**DOBIE, Kenneth, W.** [GB/US]; 703 Strat-  
ford Court, #4, Del Mark, CA 92014 (US).  
**MYERS, Kathleen** [US/US]; 330 Huelva  
Court, Oceanside, CA 92057 (US). **FIN-  
GER, Joshua** [US/US]; 538 Via Del Caballo,  
San Marcos, CA 92078 (US). **COWSERT,  
Lex, M.** [US/US]; 2367 West Gate Drive,  
Pittsburgh, PA 15237 (US).

(74) **SHUSTER, Michael, J. et al. / etc.**; Fenwick  
& West LLP, 801 California Street, Mountain  
View, CA 94041 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> C12N

(11) **WO 2005/028634** (13) A2

(21) PCT/US2004/030849

(22) **20 Sep/sep 2004 (20.09.2004)**

(25) en (26) en

(30) 60/504,030 **18 Sep/sep 2003** US  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **IMPROVED MVA VACCINES**

• **VACCINS MVA AMELIORES**

(71) **EMORY UNIVERSITY** [US/US]; Office  
of Technology Transfer, 1784 North Decatur  
Road, 1st Floor, North Decatur Building,  
Suite 130, Atlanta, GA 30322 (US).

*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) **FEINBERG, Mark, M.D.** [US/US];  
1020 West Upsal Street, Philadelphia, PA  
19119 (US). **GARBER, David** [US/US];  
1725 Stoneoak Circle, Lawrenceville, GA  
30043 (US).

(74) **VORNDRAN, Charles; Thomas, Kayden,**  
Horstemeyer & Risley, LLP, Suite 1750, 100  
Galleria Parkway, N.W., Atlanta, GA 30339-  
5948 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C12N

(11) **WO 2005/028635** (13) A2

(21) PCT/US2004/030899

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 60/504,072 **19 Sep/sep 2003** US  
(19.09.2003)

(30) 10/943,613 **17 Sep/sep 2004** US  
(17.09.2004)

(30) 10/943,601 **17 Sep/sep 2004** US  
(17.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **MICROFLUIDIC DIFFERENTIAL EX-  
TRACTION CARTRIDGE**

• **CARTOUCHE D'EXTRACTION DIFFE-  
RENTIELLE MICROFLUIDIQUE**

(71) **MICROFLUIDIC SYSTEMS INC.**  
[US/US]; 3918-B Valley Ave., Pleasan-  
ton, CA 94566 (US).

*(for all designated States except / pour tous  
les États désignés sauf US)*

(72) **BELGRADER, Phillip**; 89 Robinson Land-  
ing Road, Severna Park, MD 21146 (US).  
**YUAN, Bob**; 2234 Semeria Avenue, Bel-  
mont, CA 94002 (US). **AFLATOONI, Nima**;  
2739B Stuart St., Berkeley, CA 94705 (US).

(74) **HAVERSTOCK, Thomas, B.**; Haverstock  
& Owens LLP, 162 North Wolfe Road, Sun-  
nyvale, CA 94086 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N

(11) WO 2005/028636 (13) A2

(21) PCT/US2004/008520

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,368 21 Mar/mar 2003 US (21.03.2003)

(30) 60/458,696 27 Mar/mar 2003 US (27.03.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CBH1 HOMOLOGS AND VARIANT CBH1 CELLULASES

• CELLULASES S'HOMOLOGUES CBH1 ET DE VARIANTS CBH1

(71) GENENCOR INTERNATIONAL, INC. [US/US]; 925 Page Mill Road, Palo Alto, CA 94304 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOEDEGEBUUR, Frits [NL/NL]; Rozenlaan 128, NL-3135XV Vlaardingén (NL). GUALFETTI, Peter [US/US]; 129 Arkansas Street #1, San Francisco, CA 94107 (US). MITCHINSON, Colin [GB/US]; 381 Myrtle Street, Half Moon Bay, CA 94019 (US). NEEFE, Paulien [NL/NL]; Basalt 48, NL-2719 TN Zoetermeer (NL).

(74) BOYD, Victoria, L.; GENENCOR INTERNATIONAL, INC., 925 Page Mill Road, Palo Alto, CA 94304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 1/14, 9/00

(11) WO 2005/028637 (13) A1

(21) PCT/AU2004/001303

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 2003905228 24 Sep/sep 2003 AU (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FUNGAL HOSTS FOR EXPRESSION OF RECOMBINANT PRODUCTS

• HOTES FONGIQUES POUR L'EXPRESSION DE PRODUITS RECOMBINES

(71) MACQUARIE UNIVERSITY [AU/AU]; North Ryde, New South Wales 2109 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEVALAINEN, Helena [AU/AU]; 20/105-113 Stapleton Street, Pendle Hill, NSW 2145 (AU). TE'O, Valentino, Setoa, Junior [AU/AU]; 9/36-38 Landers Road, Lane Cove, NSW 2066 (AU). BERGQUIST, Peter, Leonard [NZ/NZ]; 3A Pukerangi Crescent, Ellerslie, Auckland (NZ). FARRELL, Roberta [NZ/NZ]; The University of Waikato, Private Bag 3105, Hamilton (NZ).

(74) ALLENS ARTHUR ROBINSON PATENT & TRADE MARKS ATTORNEYS; The Chifley Tower, 2 Chifley Square, Sydney, NSW 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 5/00

(11) WO 2005/028638 (13) A1

(21) PCT/JP2004/004161

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-328340 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPOSITION FOR COATING SUPPORT FOR PREPARATION OF CELL SHEET, SUPPORT FOR PREPARATION OF CELL SHEET AND PROCESS FOR PRODUCING CELL SHEET

• COMPOSITION DE REVETEMENT DE SUPPORT POUR LA PREPARATION DE FEUILLE CELLULAIRE, SUPPORT POUR LA PREPARATION DE FEUILLE CELLULAIRE ET PROCEDE DE PRODUCTION DE FEUILLE CELLULAIRE

(71) KEIO UNIVERSITY [JP/JP]; 15-45, Mita 2-chome, Minato-ku, Tokyo 108-8345 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUKUDA, Keiichi [JP/JP]; c/o Keio University School of Medicine, 35, Shinanomachi, Shinjuku-ku, Tokyo 160-8582 (JP). ITABASHI, Yuji [JP/JP]; c/o Keio University School of Medicine, 35, Shinanomachi, Shinjuku-ku, Tokyo 160-8582 (JP). TSUBOTA, Kazuo [JP/JP]; 5-26-7, Nishifuna, Funabashi-shi, Chiba 273-0031 (JP).

(74) MAYAMA, Setsuko et al. / etc.; Nohki-kaikan Fourth Floor, 30-1, Tsuruyacho 3-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0835 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 5/00

(11) WO 2005/028639 (13) A2

(21) PCT/US2004/029466

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/664,037 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ENVIRONMENTS THAT MAINTAIN FUNCTION OF PRIMARY LIVER CELLS

• ENVIRONNEMENTS PERMETTANT DE MAINTENIR LA FONCTION D'HEPATOCYTES PRIMAIRES

(71) BECTON, DICKINSON AND COMPANY [US/US]; 1 Becton Drive, Franklin Lanes, NJ 07417 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUARINO, Richard, David [US/US]; 509 Sturminster Drive, Holly Springs, NC 25740 (US). PRESNELL, Sharon, C. [US/US]; 11709 Old Creedmoor Road, Raleigh, NC 27613 (US). LIEBMANN-VINSON, Andrea [DE/US]; 611 November Court, Willow Springs, NC 27592 (US). HEIDARAN, Mohammad, A. [US/US]; 207 Painted Fall Way, Cary, NC 27513 (US). HEMPERLY, John, J. [US/US]; 602 Pinewood Drive, Apex, NC 27502 (US). JURGENSEN, Stewart [US/US]; 7504 Valley Run Drive, Raleigh, NC 26715 (US). LAETHEM, Ronald, M. [US/US]; 109 Tutbury Place, Cary, NC 27519 (US). ROBBINS, Neil [US/US]; 909 Kathryn Street, Cary, NC 27511 (US).

(74) HOBBS, Ann, S.; VENABLE LLP, P.O. Box 34385, Washington, DC 20043-9998 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU



MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 5/06, G01N 33/483, 33/50

(11) WO 2005/028640 (13) A1

(21) PCT/AU2004/001256

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 2003905120 19 Sep/sep 2003 AU (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR ISOLATING HEPATOCYTES

• PROCEDE D'ISOLATION D'HEPATOCYTES

(71) UNISEARCH LIMITED [AU/AU]; University of New South Wales, Rupert Myers Building, Gate 14, Barker Street, Kensington, NSW 2052 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORRIS, David, L. [AU/AU]; 960 Forrest Road, Sydney, Lugamo NSW 2210 (AU).

(74) SPRUSON & FERGUSON; G.P.O. Box 3898, Sydney, NSW 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 5/06

(11) WO 2005/028641 (13) A1

(21) PCT/FR2004/050406

(22) 1 Sep/sep 2004 (01.09.2004)

(25) fr (26) fr

(30) 0310382 2 Sep/sep 2003 FR (02.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR PRODUCTION OF NEURONS FROM CELLS OF A CELL LINE

• PROCEDE DE PRODUCTION DE NEURONES A PARTIR DE CELLULES D'UNE LIGNEE CELLULAIRE

(71, 72) PRIVAT, Alain [FR/FR]; 300, rue des Graves, F-34980 ST CLEMENT DE RIVIERE (FR).

(72, 75) MARCHAL, Sophie [FR/FR]; 1, rue des Gavians, F-34750 VILLENEUVE LES MAGUELONE (FR). HUGNOT, Jean-Philippe [FR/FR]; 9, rue des Sycamores, F-34080 MONTPELLIER (FR).

(74) RHEIN, Alain; 2460, avenue Albert Einstein, F-34000 MONTPELLIER (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12N 5/06

(11) WO 2005/028642 (13) A2

(21) PCT/GB2004/003989

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) GB0321978.9 19 Sep/sep 2003 GB (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NEW METHOD OF PRODUCING CELL CULTURES

• NOUVEAU PROCEDE DE PRODUCTION DE CULTURES CELLULAIRES

(71) INTEGRIN ADVANCED BIOSYSTEMS LTD [GB/GB]; Marine Resource Centre, Barcaldine, Oban, Argyll PA37 1SE (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCKENZIE, John, Douglas [GB/GB]; Integrin Advanced Biosystems Ltd, Marine Resource Centre, Barcaldine, Oban, Argyll PA37 1SE (GB). MOSS, Claire [GB/GB]; Integrin Advanced Biosystems Ltd, Marine Resource Centre, Barcaldine, Oban, Argyll, PA37 1SE (GB). TUNNACLIFFE, Alan [GB/GB]; Institute of Biotechnology, University of Cambridge, Tennis Court Road, Cambridge CB2 1QT (GB).

(74) KENNEDYS PATENT AGENCY LIMITED; Floor 5, Queens House, 29 St Vincent Place, Glasgow G1 2DT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 7/06

(11) WO 2005/028643 (13) A1

(21) PCT/EP2004/010637

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 2003905179 23 Sep/sep 2003 AU (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INACTIVATION OF NON ENVELOPED VIRUSES

• INACTIVATION DE VIRUS NON ENCAPSULES

(71) ZLB BEHRING AG [CH/CH]; Wankdorfstrasse 10, 3000 Bern 22 (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOSCHETTI, Nicola [CH/CH]; Eggenweg 59, CH-3038 Kirchhildach (CH).

(74) PFEIL, Hugg; ZLB Behring GmbH, Patents & Licenses, Postfach 1230, 35002 Marburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)<sup>7</sup> C12N 15/00, C07K 1/00, C12Q 1/68, G01N 33/50

(11) WO 2005/028644 (13) A1

(21) PCT/JP2004/011719

(22) 9 Aug/août 2004 (09.08.2004)

(25) ja (26) ja

(30) 2003-299366 22 Aug/août 2003 JP (22.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONSTRUCTION OF GROUP OF DIVERSIFIED PROTEIN MOLECULES BY FRAME SHUFFLING

• CONSTRUCTION D'UN GROUPE DE MOLECULES PROTEIQUES DIVERSIFIEES PAR REARRANGEMENT DU CADRE DE LECTURE

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Honcho 4-chome Kawaguchi-shi Saitama, 3320012 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIBA, Kiyotaka [JP/JP]; 1-29-15-305, Kami-Ikebukuro Toshima-ku Tokyo, 1700012 (JP). KASHIWAGI, Kenji [JP/JP]; 1-27-9-201, Kami-Ikebukuro Toshima-ku Tokyo, 1700012 (JP).

(74) HIROTA, Masanori; 3F, Wakabayashi Building, 8-5 Akasaka 2-chome, Minato-ku Tokyo, 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C12N 15/09, 15/12, C12Q 1/68

(11) WO 2005/028645 (13) A1

(21) PCT/JP2004/013839

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ja (26) ja

(30) 2003-332584 24 Sep/sep 2003 JP (24.09.2003)

(30) 2004-181914 18 Jun/juin 2004 JP (18.06.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SNPs IN 5' REGULATORY REGION OF MDR1 GENE

• SNP DANS LA REGION REGULATRICE 5' DU GENE MDR1

(71) KYUSHU TLO COMPANY, LIMITED [JP/JP]; 1-10, Hakozaiki 6-chome, Higashi-ku, Fukuoka-shi, Fukuoka, 8128581 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WADA, Morimasa [JP/JP]; 5-130, Tenjinyama, Kasuga-shi, Fukuoka, 8160855 (JP). KUWANO, Michihiko [JP/JP]; 2-5-17, Fujisaki, Sawara-ku, Fukuoka-shi, Fukuoka, 8140013 (JP).

(74) HIROTA, Masanori et al. / etc.; 3F Wakabayashi Bldg., 8-5, Akasaka 2-chome, Minato-ku, Tokyo, 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2005/028646 (13) A1

(21) PCT/JP2004/014308

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ja (26) ja

(30) 2003-330569 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EFFICIENT METHOD OF PREPARING DNA INVERTED REPEAT STRUCTURE

• PROCEDE EFFICACE DE PREPARATION D'UNE STRUCTURE A REPETITION INVERSE D'ADN

(71) RIKEN [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEMURA, Taku [JP/JP]; 4-9-7-B-106, Kitaterao, Tsurumi-ku, Yokohama-shi, Kanagawa, 2300074 (JP). FUKUDA, Hiroo [JP/JP]; 1-3-17-407, Etchu-jima, Koto-ku, Tokyo, 1350044 (JP).

(74) HIRAKI, Yusuke et al. / etc.; Kamiya-cho MT Bldg. 19F, 3-20, Toranomon 4-chome, Minato-ku, Tokyo, 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 15/11, C12Q 1/68, G01N 33/53, 33/566, C12M 1/00

(11) WO 2005/028647 (13) A1

(21) PCT/JP2004/013740

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-329619 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NUCLEIC ACID PROBE, NUCLEIC ACID CHIP, METHOD OF DETECTING TARGET NUCLEIC ACID, METHOD OF SCREENING DRUG, APPARATUS FOR DETECTING TARGET NUCLEIC ACID AND GENE DIAGNOSIS METHOD

• SONDE A ACIDE NUCLEIQUE, PUCE A ACIDE NUCLEIQUE, PROCEDE DE DETECTION D'ACIDE NUCLEIQUE CIBLE, PROCEDE DE DETECTION DE MEDICAMENT, APPAREIL POUR DETECTER DE L'ACIDE NUCLEIQUE CIBLE, ET PROCEDE DE DIAGNOSTIC GENETIQUE

(71) KYOTO UNIVERSITY [JP/JP]; 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto, 6068501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AOYAMA, Yasuhiro [JP/JP]; c/o Kyoto University, Graduate School of Engineering of Kyoto University-Katsura, Nishikyo-ku, Kyoto-shi, Kyoto, 6158246 (JP). SANDO, Shinsuke [JP/JP]; c/o Kyoto University, Graduate School of Engineering of Kyoto University-Katsura, Nishikyo-ku, Kyoto-shi, Kyoto, 6158246 (JP). SASAKI, Toshinori [JP/JP]; c/o Kyoto University, Graduate School of Engineering of Kyoto University-Katsura, Nishikyo-ku, Kyoto-shi, Kyoto, 6158246 (JP). NARITA, Atsushi [JP/JP]; c/o Kyoto University, Graduate School of Engineering of Kyoto University-Katsura, Nishikyo-ku, Kyoto-shi, Kyoto, 6158246 (JP).

(74) HIROTA, Koichi; HIROTA, NAGARE & ASSOCIATES, 8th Floor, Miyata Bldg., 1-38-2, Yoyogi, Shibuya-ku, Tokyo, 1510053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2005/028648 (13) A1

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(22) 22 Sep/sep 2004 (22.09.2004)

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(30) 60/504,208 22 Sep/sep 2003 US (22.09.2003)

(30) 60/557,390 30 Mar/mar 2004 US (30.03.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DISEASE TYPE OF LYMPHOMA AND METHOD OF ASSESSING PROGNOSIS

• TYPE DE LYMPHOME PATHOLOGIQUE ET PROCEDE D'EVALUATION DE DIAGNOSTIC

(71) AICHI PREFECTURE [JP/JP]; 1-2, Sanomaru 3-chome, Naka-ku, Nagoya-shi, Aichi 460-0001 (JP). NGK INSULATORS, LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) SETO, Masao [JP/JP]; 809, Takayanagi-cho, Meito-ku, Nagoya-shi, Aichi 465-0034 (JP). TAGAWA, Hiroyuki [JP/JP]; Nabeyaueno Apt. #8-304, 1-22, Hikarigaoka, Chikusa-ku, Nagoya-shi, Aichi 464-0006 (JP). YOSHIDA, Yasuko [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). KIRA, Shigeki [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
- (74) NISHIZAWA, Toshio; Three F Minami Aoyama Bldg. 7F, 11-1, Minami-Aoyama 6-chome, Minato-ku, Tokyo 107-0062 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N 15/11, C12P 19/34, C07H 21/02, 21/04, A01N 43/04
- (11) WO 2005/028649 (13) A1
- (21) PCT/US2004/030488
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 10/665,255 16 Sep/sep 2003 US (16.09.2003)
- (30) 10/664,767 16 Sep/sep 2003 US (16.09.2003)
- (30) 10/670,011 23 Sep/sep 2003 US (23.09.2003)
- (30) 10/693,059 23 Oct/oct 2003 US (23.10.2003)
- (30) 10/720,448 24 Nov/nov 2003 US (24.11.2003)
- (30) 10/727,780 3 Dec/déc 2003 US (03.12.2003)
- (30) 10/757,803 14 Jan/jan 2004 US (14.01.2004)
- (30) 10/764,957 26 Jan/jan 2004 US (26.01.2004)
- (30) 60/543,480 10 Feb/fév 2004 US (10.02.2004)
- (30) 10/780,447 13 Feb/fév 2004 US (13.02.2004)
- (30) 10/826,966 16 Apr/avr 2004 US (16.04.2004)
- (30) 10/831,620 23 Apr/avr 2004 US (23.04.2004)
- (30) US04/13456 30 Apr/avr 2004 US (30.04.2004)
- (30) 10/844,076 11 May/mai 2004 US (11.05.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) ● RNA INTERFERENCE MEDIATED INHIBITION OF VASCULAR ENDOTHELIAL GROWTH FACTOR AND VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR GENE EXPRESSION USING SHORT INTERFERING NUCLEIC ACID (siNA)
- INHIBITION MEDIEE PAR INTERFERENCE D'ARN DU FACTEUR DE CROISSANCE ENDOTHELIAL VASCULAIRE ET DE L'EXPRESSION DU GENE RECEPTEUR DU FACTEUR DE CROISSANCE ENDOTHELIAL VASCULAIRE AU MOYEN D'UN ACIDE NUCLEIQUE A INTERFERENCE COURTE (SINA)
- (71) SIRNA THERAPEUTICS, INC. [US/US]; 2950 Wilderness Place, Boulder, CO 80301 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JADHAV, Vasant [IN/US]; 1951 Grandview Avenue, Apt. #A4-B, Boulder, CO 80302 (US). KOSSEN, Karl [US/US]; 5696 West 109th Circle, Westminster, CO 80020 (US). ZINNEN, Shawn [US/US]; 2378 Birch Street, Denver, CO 80027 (US). VAISH, Narendra [IN/US]; 1313 Williams Street, #503, Denver, CO 80218 (US). MC-SWIGGEN, James [US/US]; 4866 Franklin Drive, Boulder, CO 80301 (US).
- (74) SINGER, Christopher, P.; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Suite 3200, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 15/11
- (11) WO 2005/028650 (13) A2
- (21) PCT/US2004/031012
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 10/667,271 16 Sep/sep 2003 US (16.09.2003)
- (30) 10/693,059 23 Oct/oct 2003 US (23.10.2003)
- (30) 10/720,448 24 Nov/nov 2003 US (24.11.2003)
- (30) 10/727,780 3 Dec/déc 2003 US (03.12.2003)
- (30) 10/757,803 14 Jan/jan 2004 US (14.01.2004)
- (30) 60/543,480 10 Feb/fév 2004 US (10.02.2004)
- (30) 10/780,447 13 Feb/fév 2004 US (13.02.2004)
- (30) 10/826,966 16 Apr/avr 2004 US (16.04.2004)
- (30) PCT/US04/13456 30 Apr/avr 2004 US (30.04.2004)
- (30) PCT/US04/16390 24 May/mai 2004 US (24.05.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) ● RNA INTERFERENCE MEDIATED INHIBITION OF HEPATITIS C VIRUS (HCV) EXPRESSION USING SHORT INTERFERING NUCLEIC ACID (siNA)
- INHIBITION A MEDIATION PAR INTERFERENCE ARN DE L'EXPRESSION DU GENE DU VIRUS DE L'HEPATITE C (VHC) AU MOYEN D'ACIDE NUCLEIQUE INTERFERENT COURT (SINA)
- (71) SIRNA THERAPEUTICS, INC. [US/US]; 2950 Wilderness Place, Boulder, CO 80301 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JADHAV, Vasant [IN/US]; 1951 Grandview Avenue, Apt. A4-B, Boulder, CO 80302 (US). KOSSEN, Karl [US/US]; 5969 West 109th Circle, Westminster, CO 80020 (US). ZINNEN, Shawn [US/US]; 2378 Birch Street, Denver, CO 80027 (US). VAISH, Narendra [IN/US]; 1313 Williams Street, #503, Denver, CO 80218 (US). MC-SWIGGEN, James [US/US]; 4866 Franklin Drive, Boulder, CO 80301 (US).
- (74) SINGER, Christopher, P.; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Suite 3200, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 15/29
- (11) WO 2005/028651 (13) A1
- (21) PCT/AU2004/001300
- (22) 23 Sep/sep 2004 (23.09.2004)
- (25) en (26) en
- (30) 2003905222 25 Sep/sep 2003 AU (25.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) ● BANANA RESISTANCE GENES AND USES THEREOF
- GENES DE RESISTANCE DE LA BANANE ET UTILISATIONS DE CES GENES
- (71) QUEENSLAND UNIVERSITY OF TECHNOLOGY [AU/AU]; 2 George Street, Brisbane, Queensland 4000 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DALE, James, Langham [AU/AU]; 311 Priors Pocket Road, Moggill, Queensland 4070 (AU). PERAZA ECHEVERRIA [MX/MX]; Calle 41#422A x 24y 14 col., Industrial, C.P. 97150, Merida, Yucatan (MX).

(74) ARGAET, Victor, Peter et al. / etc.; Davies Collision Cave, Level 3, 303 Coronation Drive, Milton, Queensland 4064 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 15/51, 15/10, C12Q 1/68, C12N 5/08, G01N 33/50, 33/15

(11) WO 2005/028652 (13) A1

(21) PCT/JP2004/014003

(22) 16 Sep/sep 2004 (16.09.2004)

(25) ja (26) ja

(30) 2003-329082 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NUCLEIC ACID AND GENE ORIGINATING IN NOVEL HCV STRAIN AND REPLICON-REPLICATING CELL USING THE GENE

• ACIDE NUCLEIQUE ET GENE PROVENANT D'UNE NOUVELLE SOUCHE VHC ET CELLULE A REPLICATION AUTONOME COMPRENANT CE GENE

(71) TOKYO METROPOLITAN ORGANIZATION FOR MEDICAL RESEARCH [JP/JP]; 8-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo, 1638001 (JP). TORAY INDUSTRIES, INC. [JP/JP]; 2-1, Nihonbashi Muromachi 2-chome, Chuo-ku, Tokyo, 1038666 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WAKITA, Takaji [JP/JP]; 37-1-302, Narimasu 3-chome, Itabashi-ku, Tokyo, 1750094 (JP). KATO, Takanobu [JP/JP]; 1-41-206, Shogetsu-cho, Mizuho-ku, Nagoya-shi, Aichi, 4670004 (JP). DATE, Tomoko [JP/JP]; 13-5-303, Shinjo 3-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 2110044 (JP). MIYAMOTO, Michiko [JP/JP]; Sunrise-hill 7-202, 1-32-1, Honshuku-cho, Fuchu-shi, Tokyo, 1830032 (JP).

(74) HIRAKI, Yusuke et al. / etc.; Kamiya-cho MT Bldg. 19F, 3-20, Toranomon 4-chome, Minato-ku, Tokyo, 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 15/63, 1/21, 5/10, C07K 16/40

(11) WO 2005/028653 (13) A1

(21) PCT/EP2004/010604

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 103 44 204.9 22 Sep/sep 2003 DE (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR NEUTRALIZING EFFECTS OF SECRETED PLA2 IIA

• COMPOSES SERVANT A NEUTRALISER LES EFFETS DE PLA2 IIA SECRETEE

(71) BIOSPECIFIC GMBH & CO. KG [DE/DE]; Goltzstr. 52, 10781 Berlin (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHERIFF, Ahmed [DE/DE]; Sächsische Str. 35, 10713 Berlin (DE). VOGT, Birgit [DE/DE]; Antwerpener Str. 49, 13353 Berlin (DE).

(74) MEYERS, Hans-Wilhelm et al. / etc.; Postfach 10 22 41, 50462 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 15/63, 1/20, A61K 49/16, C12N 15/66

(11) WO 2005/028654 (13) A1

(21) PCT/KR2003/002882

(22) 30 Dec/déc 2003 (30.12.2003)

(25) ko (26) en

(30) 10-2003-0064998 19 Sep/sep 2003 KR (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR WHOLE SURROUNDING SURFACE DISPLAY OF TARGET PROTEINS USING BACTERIAL EXOSPORIUM

• PROCEDE D'AFFICHAGE DE LA TOTALITE DE LA SURFACE ENVIRONNANTE DE PROTEINES CIBLES AU MOYEN D'UNE EXINE BACTERIENNE

(71) KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY [KR/KR]; 373-1, Guseong-dong, Yuseong-gu, 305-701 Daejeon (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Sang Yup [KR/KR]; EXPO.Apt 212-702, Cheonmin-dong, Yuseong-gu, 305-761 Daejeon (KR). PARK, Tae Jung [KR/KR]; 369-9 2nd Floor, Jeonmin-dong, Yuseong-gu, 305-810 Daejeon (KR). PARK, Jong Pil [KR/KR]; Geumhwa Maoul Jugong Apt. 310-805, Sanggal-ri, Giheung-eup, 449-958 Yongin, Gyeonggi-do (KR). LEE, Seok Jae [KR/KR]; Chunggu Narac Apt. 103-104, Cheonmin-dong, Yuseong-gu, 305-729 Daejeon (KR).

(74) LEE, Cheo Young; 4th Floor, Kyoung Sung Bldg., 641 Yeoksam-dong, Gangnam-gu, 135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 15/65, 15/85, A01K 67/00, 67/027

(11) WO 2005/028655 (13) A1

(21) PCT/CN2003/001099

(22) 22 Dec/déc 2003 (22.12.2003)

(25) zh (26) zh

(30) 03160031.X 23 Sep/sep 2003 CN (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A METHOD FOR INCREASING THE EFFICIENCY OF TRANSGENIC ANIMAL PRODUCTION

• PROCEDE D'AUGMENTATION DE L'EFFICACITE D'UN ANIMAL TRANSGENIQUE

(71, 72) LI, Ning [CN/CN]; The State Key Laboratory of Agriobiotechnology, China Agricultural University, Yuanmingyuan West Road 2, Haidian District, Beijing 100094 (CN).

(72, 75) GONG, Guochun [CN/CN]; The State Key Laboratory of Agriobiotechnology, China Agricultural University, Yuanmingyuan West Road 2, Haidian District, Beijing 100094 (CN). DAI, Yunping [CN/CN]; The State Key Laboratory of Agriobiotechnology, China Agricultural University, Yuanmingyuan West Road 2, Haidian District, Beijing 100094 (CN). FAN, Baoliang [CN/CN]; The State Key Laboratory of Agriobiotechnology, China Agricultural University, Yuanmingyuan West Road 2, Haidian District, Beijing 100094 (CN).

(74) JEEKAI & PARTNERS; Suite 602, Jinyu Tower, A129 West Xuan Wu Men Street, Xicheng District, Beijing 100031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 15/82, 15/29, A01H 5/00

(11) WO 2005/028656 (13) A2

(21) PCT/US2004/030426

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/664,658 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS AND COMPOSITIONS FOR ENHANCED PLANT CELL TRANSFORMATION

• PROCEDES ET COMPOSITIONS ACCROISSANT LA TRANSFORMATION DE CELLULES VEGETALES

(71) PURDUE RESEARCH FOUNDATION [US/US]; Office of Technology Commercialization, Purdue University, 3000 Kent Avenue, West Lafayette, IN 47906 (US). IOWA STATE UNIVERSITY RESEARCH FOUNDATION [US/US]; 310 Lab of Mechanics, Ames, IA 50011-2131 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GELVIN, Stanton, B. [US/US]; 5726 Acre Lane, West Lafayette, IN 47906 (US). MYSORE, Kirankumar, S. [IN/US]; #6 Rock Island, Admore, OK (US). WANG, Kan [US/US]; 3203 Valley View Road, Ames, IA 50014 (US). FRAME, Bronwym, R. [CA/US]; 2117 Northwestern Avenue, Ames, IA 50010 (US).

(74) MARTIN, Alice, O.; Barnes & Thornburg LLP, Suite 4400, One North Wacker Drive, Chicago, IL 60606-2833 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 15/85, 5/10, A01K 67/027, C12N 9/16, C07K 14/59, C12N 9/18, G01N 33/50, A61K 49/00

(11) WO 2005/028657 (13) A2

(21) PCT/GB2004/004054

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 0322196.7 23 Sep/sep 2003 GB (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EXCRETABLE REPORTER SYSTEMS  
• SYSTEMES RAPORTEURS EXCRETABLES

(71) CXR BIOSCIENCES LIMITED [GB/GB]; James Lindsay Place, Dundee Technopole, Dundee DD1 5JJ (GB). ROSLIN INSTITUTE (EDINBURGH) [GB/GB]; Roslin, Midlothian EH25 9PS (GB). CLARK, Helen, Elizabeth (heiress of the deceased inventor / héritière de l'inventeur décédé) [GB/GB]; 3 Duddingston House, Old Courtyard, Edinburgh EH15 1JG (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72) CLARK, Anthony, John (deceased / décédé).

(72, 75) WOLF, Charles, Roland [GB/GB]; CXR Biosciences Limited, James Lindsay Place, Dundee Technopole, Dundee DD1 5JJ (GB). WHITELAW, Christopher, Bruce, Alexander [GB/GB]; Roslin Institute (Edinburgh), Roslin, Midlothian EH25 9PS (GB). BROWN, Kenneth [GB/GB]; CXR Biosciences Limited, James Lindsay Place, Dundee Technopole, Dundee DD1 5JJ (GB). TEMPERLEY, Simon, Martin [GB/GB]; CXR Biosciences Limited, James Lindsay Place, Dundee Technopole, Dundee DD1 5JJ (GB).

(74) HARRISON GODDARD FOOTE; Belgrave Hall, Belgrave Street, Leeds LS2 8DD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> C12N 15/86

(11) WO 2005/028658 (13) A2

(21) PCT/US2004/016649

(22) 27 May/mai 2004 (27.05.2004)

(25) en (26) en

(30) 60/473,797 28 May/mai 2003 US (28.05.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RECOMBINANT INFLUENZA VECTORS WITH A POLII PROMOTER AND RIBOZYMES

• VECTEURS DE LA GRIPPE RECOMBINES CONTENANT UN PROMOTEUR POL II ET DES RIBOZYMES

(71) WISCONSIN ALUMNI RESEARCH FOUNDATION [US/US]; 614 Walnut Street, Madison, WI 53705 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWAOKA, Yoshihiro [JP/US]; 8722 Airport Road, Middleton, WI 53562 (US). HAMM, Stefan [US/US]; 614 Walnut Street, Madison, WI 53705 (US). EBHARA, Hideki [US/US]; 614 Walnut Street, Madison, WI 53705 (US).

(74) STEFFEY, Charles E. et al. / etc.; SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12P 13/02, A23K 1/16 // (C12P 13/02, C12R 1:125)

(11) WO 2005/028659 (13) A2

(21) PCT/EP2004/052308

(22) 16 Sep/sep 2004 (16.09.2004)

(25) de (26) de

(30) 103 44 200.6 22 Sep/sep 2003 DE (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR PRODUCING AN ANIMAL FOOD SUPPLEMENT CONTAINING D-PANTOTHENIC ACID AND/OR SALTS THEREOF

• PROCEDE DE PRODUCTION D'UN COMPLEMENT ALIMENTAIRE POUR ANIMAUX CONTENANT DE L'ACIDE D-PANTOTHENIQUE ET/OU DES SELS DE CET ACIDE

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BECK, Christine [DE/DE]; Rhein-dammstr. 25, 68163 Mannheim (DE). BITTERLICH, Stefan [DE/DE]; Von-Goethe-Str. 26b, 67246 Dirmstein (DE). HARZ, Hans-Peter [DE/DE]; Am Mönchsbusch 22, 67373 Dudenhofen (DE). KLEIN, Daniela [DE/DE]; M 7, 2, 68161 Mannheim (DE). LOHSCHIEDT, Markus [DE/DE]; Burgstrasse 24, 69121 Heidelberg (DE). SCHOLTEN, Edzard [DE/DE]; B

4, 8, 68159 Mannheim (DE). SCHUBERT, Erich [DE/DE]; Im Haseneck 17, 67098 Bad Dürkheim (DE).

(74) FITZNER, Uwe; Lintorfer Str. 10, 40878 Ratingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12P 21/06, C12Q 1/26, 1/37

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(21) PCT/JP2004/013302

(22) 13 Sep/sep 2004 (13.09.2004)

(25) ja (26) ja

(30) 2003-326224 18 Sep/sep 2003 JP (18.09.2003)

(30) 2003-421755 19 Dec/déc 2003 JP (19.12.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS FOR PRODUCING  $\alpha$ -GLYCOSYLATED DIPEPTIDE AND METHOD OF ASSAYING  $\alpha$ -GLYCOSYLATED DIPEPTIDE

• PROCEDE DE PRODUCTION DE DIPEPTIDE SG(A)-GLYCOSYLE ET METHODE D'ANALYSE DE DIPEPTIDE SG(A)-GLYCOSYLE

(71) KIKKOMAN CORPORATION [JP/JP]; 250, Noda, Noda-shi, Chiba, 2788601 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIROKAWA, Kozo [JP/JP]; c/o Kikkoman Corporation, 250, Noda, Noda-shi Chiba, 2788601 (JP). KUROSAWA, Keiko [JP/JP]; c/o Kikkoman Corporation, 250, Noda, Noda-shi Chiba, 2788601 (JP). KAJIYAMA, Naoki [JP/JP]; c/o Kikkoman Corporation, 250, Noda, Noda-shi Chiba, 2788601 (JP).

(74) HIRAKI, Yusuke et al. / etc.; Kamiya-cho MT Bldg. 19F, 3-20, Toranomom 4-chome, Minato-ku, Tokyo, 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12P 23/00, A23L 1/275, 1/30 // C12N 15/01, (C12P 23/00, C12R 1:01)

(11) WO 2005/028661 (13) A1

(21) PCT/JP2004/013033

(22) 8 Sep/sep 2004 (08.09.2004)

(25) ja (26) ja

(30) 2003-325104 17 Sep/sep 2003 JP (17.09.2003)

(30) 2003-325130 17 Sep/sep 2003 JP (17.09.2003)

(30) 2003-325144 17 Sep/sep 2003 JP (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS FOR PRODUCING CAROTENOID COMPOUND

• PROCEDE DE PRODUCTION D'UN COMPOSE CAROTENOIDE

(71) NIPPON OIL CORPORATION [JP/JP]; 3-12, Nishi-shimbashi 1-chome, Minato-ku Tokyo, 1058412 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TSUBOKURA, Akira [JP/JP]; c/o Nippon Oil Corporation, 8, Chidori-cho, Naka-ku, Yokohama-shi Kanagawa, 2310815 (JP). YONEDA, Hisashi [JP/JP]; c/o Nippon Oil Corporation, 8, Chidori-cho, Naka-ku, Yokohama-shi Kanagawa, 2310815 (JP). HIRASAWA, Kazuaki [JP/JP]; c/o Nippon Oil Corporation, 8, Chidori-cho, Naka-ku, Yokohama-shi Kanagawa, 2310815 (JP).

(74) HIRAKI, Yusuke et al. / etc.; Kamiya-cho MT Bldg. 19F, 3-20, Toranomom 4-chome, Minato-ku Tokyo, 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12Q

(11) WO 2005/028662 (13) A2

(21) PCT/US2004/030070

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(25) en (26) en

(30) 10/663,555 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TEST STRIP AND METHOD FOR DETERMINING LDL CHOLESTEROL CONCENTRATION FROM WHOLE BLOOD

• BATONNET DIAGNOSTIQUE ET PROCEDE PERMETTANT DE DETERMINER LA CONCENTRATION DE CHOLESTEROL A LDL A PARTIR DU SANG TOTAL

(71) POLYMER TECHNOLOGY SYSTEMS, INC. [US/US]; 7736 Zionsville Road, Indianapolis, IN 46268 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) SHULL, Bruce; 5877 Crestview Avenue, Indianapolis, IN 46220 (US). ZENG, Hyeon-Sook Lee; 10642 Mistflower Way, Indianapolis, IN 46235 (US). ANAOKAR, Sunil; 12111 Misty Way, Indianapolis, IN 46163 (US). ANTONOPOULOS, Gena, Lynn; 6731 Caroline Ave., Indianapolis, IN 46220 (US).

(74) BECK, Michael, D.; Maginot, Moore & Beck, Suite 3000, Bank One Center/Tower, 111 Monument Circle, Indianapolis, IN 46204-5115 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q

(11) WO 2005/028663 (13) A2

(21) PCT/US2004/030429

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/503,754 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • OPERATOR INDEPENDENT PROGRAMMABLE SAMPLE PREPARATION AND ANALYSIS SYSTEM

• SYSTEME D'ANALYSE ET DE PREPARATION D'ECHANTILLON PROGRAMMABLE INDEPENDAMMENT DE L'OPERATEUR

(71) IMMUNIVEST CORPORATION [US/US]; Suite 1300, 1105 Market Street, P.O. Box 8985, Wilmington, DE 19899 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BENDELE, Teresa [US/US]; 4464 Summer Meadow Drive, Doylestown, PA 18901 (US). HARBART, Thomas [US/US]; 4586 Kimrose Lane, North Royalton, OH 44133 (US). HOWARD, Dave [US/US]; 5240 Amanda Court, North Ridgeville, OH 44039 (US). KAGAN, Michael [US/US];

4190 Gregory Drive, Doylestown, PA 18901 (US). KEENE, Douglas [US/US]; 751 Pad-dock Place, North Wales, PA 19454 (US). LAPEUS, Dave [US/US]; 5135 Silver Maple Lane, Medina, OH 44256 (US). MAYES, Jared [US/US]; 1009 Davis Grove Road, Ambler, PA 19002 (US). PAYNTER, Dou-glas [US/US]; 4464 Summer Meadow Drive, Doylestown, PA 18901 (US). PROHASKA, Jerry [US/US]; 2114 Winthrop Road, Hunt-ingdon Valley, PA 19006 (US). RUTNER, Herman [US/US]; 50 South Penn Street, Apartment #609, Hatboro, PA 19040 (US).

(74) ACETO, Joseph et al. / etc.; Immunicon Corporation, Suite 100, 3401 Masons Mill Road, Huntingdon Valley, PA 19006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q

(11) WO 2005/028664 (13) A2

(21) PCT/US2004/030737

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/503,926 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MODULATION OF PROGRAMMED NECROSIS
• MODULATION DE LA NECROSE PRO-GRAMMEE

(71) UNIVERSITY OF MASSACHUSETTS [US/US]; One Beacon Street, 26th Floor, Boston, MA 02108 (US). GOVERNMENT OF THE UNITED STATES OF AMER-ICA, represented by THE SECRETARY, OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; 6011 Executive Boulevard, Suite 325, Rockville, MD 20852-3804 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHAN, Francis, Ka-Ming [CN/US]; 70 Commons Drive, #21, Shewsbury, MA 01545 (US). LENARDO, Michael [US/US]; 9117 Falls Chapel Way, Potomac, MD 20854 (US).

(74) FASSE, J., Peter; Fish & Richardson, 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q

(11) WO 2005/028665 (13) A2

(21) PCT/US2004/030873

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,119 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CAMPYLOBACTER POLYPEPTIDES AND METHODS OF USE

• POLYPEPTIDES DE CAMPYLO-BACTER ET SES METHODES D'UTILISATION

(71) WILLMAR POULTRY COMPANY, INC. [US/US]; 3735 County Road 5, Willmar, MN 56201 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STRAUB, Darren, E. [US/US]; 16189 Gulfview Road, New London, MN 56273 (US). EMERY, Darryll, A. [US/US]; 8990 Riverwood Circle, New London, MN 56273 (US).

(74) PROVENCE, David, L.; Muetting, Raasch & Gebhardt, P.A., P.O. Box 581415, Min-neapolis, MN 55458-1415 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12Q 1/00

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(21) PCT/US2004/029397

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(25) en (26) en

(30) 10/660,370 11 Sep/sep 2003 US (11.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DETERMINING KINASE SPECIFICITY
• DETERMINATION DE LA SPECIFI-CITE DE LA KINASE

(71) GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES NATIONAL INSTI-TUTES OF HEALTH [US/US]; Office of

Technology Transfer, 6011 Executive Blvd., Suite 325, Rockville, MD 20852-3804 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHAW, James, Stephen [US/US]; 5708 Glenwood Road, Bethesda, MD 20817 (US). LIU, Yin [CN/US]; 11609 Piney Lodge Road, North Potomac, MD 20878 (US).

(74) STEFFEY, Charles, E. et al. / etc.; P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q 1/02, C07K 16/28, C12N 5/08, 15/09, A61K 31/7088 // G01N 33/50, 33/15

(11) WO 2005/028667 (13) A1

(21) PCT/JP2004/014136

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-328980 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DRUG TARGETING G PROTEIN-COU-PLD RECEPTOR EXPRESSED IN HU-MAN MAST CELLS AND METHOD OF SCREENING THE SAME

• RECEPTEUR COUPLE A LA PRO-TEINE G POUR LE CIBLAGE DE MEDICAMENT EXPRIME DANS DES MASTOCYTES HUMAINS ET PRO-CEDE DE CRIBLAGE DE CE RECEP-TEUR

(71) RIKENKYOWA HAKKO KOGYO CO., LTD. [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo, 1008185 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAITO, Hirohisa OKAYAMA, Yoshimichi KASHIWAKURA, Ju-nichi MIURA, Kazumi OBAYASHI, Masaya KAWAI, Hironori YOSHIDA, Tetsuo SASAKI, Katsutoshi

(74) IWAHASHI, Kazuyuki; KYOWA HAKKO KOGYO CO., LTD. Intellectual Property Department, 6-1, Ohtemachi 1-chome, Chi-yoda-ku, Tokyo, 1008185 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> C12Q 1/04, G01N 33/569, C12Q 1/10

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(21) PCT/DK2004/000648

(22) 23 Sep/sep 2004 (23.09.2004)

(25) da (26) en

(30) PA 2003 01392 25 Sep/sep 2003 DK  
(25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GENERAL METHOD FOR EN-  
RICHMENT AND DETECTION OF  
PATHOGEN BACTERIA

• PROCÉDE GENERAL  
D'ENRICHISSEMENT ET DE  
DETECTION DE BACTERIES  
PATHOGENES

(71) BIOLINE ApS [DK/DK]; Fredericiavej 414,  
DK-7080 Borkop (DK).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) JENSEN, Torben [DK/DK]; Polarvej  
60, DK-7100 Vejle (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> C12Q 1/18

(11) WO 2005/028669 (13) A1

(21) PCT/EP2004/052250

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 03103472.1 19 Sep/sep 2003 EP  
(19.09.2003)

(30) 60/567,221 30 Apr/avr 2004 US  
(30.04.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TIME-OF-ADDITION ASSAY FOR  
IDENTIFYING ANTI-VIRAL COM-  
POUNDS

• ANALYSE FAISANT INTERVENIR LE  
TEMPS D'ADDITION, POUR IDENTIFI-  
FIER DES COMPOSES ANTIVIRAUX

(71) TIBOTEC PHARMACEUTICALS LTD.  
[IE/IE]; Little Island, Co Cork (IE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) VAN ACKER, Koenraad, Lodewijk,  
August [BE/BE]; Uilenberg 30, B-9140

Temse (BE). BUNKENS, Lieve, Elis-  
abeth, Louis [BE/BE]; Wipstraat 20,  
B-1800 Vilvoorde (BE). DAMS, Géry,  
Karel, Julia [BE/BE]; Nieuwe Erven 11,  
B-3583 Paal-Beringen (BE). HERTOOGS,  
Kurt [BE/BE]; Albert I laan 185 bus 401,  
B-8260 Nieuwpoort (BE). IVENS, Tania,  
Pauline, Eduard [BE/BE]; Spoorweglaan  
253, B-9120 Melsele (BE). NIJS, Erik, Jos,  
Amandus [BE/BE]; Nopstal 8, B-3202 Ril-  
laar (BE).

(74) DAELEMANS, Frank; Tibotec-Virco  
Comm. VA, Generaal De Wittelaan L 11B 3,  
B-2800 Mechelen (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(t) for all designations / pour toutes les  
désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> C12Q 1/68

(11) WO 2005/028670 (13) A1

(21) PCT/CN2003/000817

(22) 25 Sep/sep 2003 (25.09.2003)

(25) zh (26) zh

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A METHOD FOR POLYMERASE  
CHAIN REACTION

• PROCÉDE D'AMPLIFICATION EN  
CHAÎNE PAR POLYMERASE

(71, 72) CHEN, Hui [CN/CN]; Room 405 No.  
42, Mujia Lane, Yongshou Street, Ningbo  
City, Zhejiang Province 315010 (CN).

(74) JEEKAI & PARTNERS et al. / etc.; Suite  
602, Jinyu Tower, A129 West Xuan Wu Men  
Street, XiCheng District, Beijing 100031  
(CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM

TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> C12Q 1/68

(11) WO 2005/028671 (13) A2

(21) PCT/EP2004/009435

(22) 24 Aug/août 2004 (24.08.2004)

(25) de (26) de

(30) 103 40 373.6 30 Aug/août 2003 DE  
(30.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR DETERMINING HAIR  
CYCLE MARKERS

• PROCÉDE POUR DETERMINER DES  
MARQUEURS DE CYCLE CAPIL-  
LAIRE

(71) HENKEL KOMMANDITGE-  
SELLSCHAFT AUF AKTIEN [DE/DE];  
Henkelstrasse 67, 40589 Düsseldorf (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) HOLTKÖTTER, Olaf [DE/DE]; He-  
lene-Weber-Weg 17, 50354 Hürth (DE).  
PETERSOHN, Dirk [DE/DE]; Uferstrasse  
48, 50996 Köln (DE). SCHLOTMANN,  
Kordula [DE/DE]; Am Hirschgraben 7,  
40627 Düsseldorf (DE). GIESEN, Melanie  
[DE/DE]; Am Eiland 50, 40608 Geldern  
(DE). KESSLER-BECKER, Daniela  
[DE/DE]; Hitlerer Strasse 8, 51371 Lev-  
erkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> C12Q 1/68

(11) WO 2005/028672 (13) A2

(21) PCT/GB2004/003906

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 0322037.3 19 Sep/sep 2003 GB  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS AND POLYNUCLEOTIDES  
THEREFOR



- PROCEDES ET POLYNUCLEOTIDES A CET EFFET
- (71) INSTITUTE FOR ANIMAL HEALTH [GB/GB]; Compton, Newbury, Berkshire RG20 7NN (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ELLIS, Shirley [GB/GB]; Institute for Animal Health, Compton, Nr Newbury, Berkshire RG20 7NN (GB). MURPHY, Lisa [GB/GB]; Compton, Newbury, Berkshire RG20 7NN (GB).
- (74) THOMAS, Philip; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12Q 1/68, A61K 38/16, C12N 5/16, C07K 14/115, C12N 15/863
- (11) WO 2005/028673 (13) A1
- (21) PCT/IB2004/003326
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) en (26) en
- (30) 60/504,225 22 Sep/sep 2003 US (22.09.2003)
- (30) 60/584,472 2 Jul/juil 2004 US (02.07.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A METHOD FOR DETECTING NIPAH VIRUS AND METHOD FOR PROVIDING IMMUNOPROTECTION AGAINST HENIPAVIRUSES
- PROCEDE DE DETECTION DU VIRUS NIPAH ET PROCEDE PERMETTANT D'OBTENIR UNE PROTECTION IMMUNOLOGIQUE CONTRE LES HENIPAVIRUS
- (71) INSTITUT PASTEUR [FR/FR]; 28 rue du Docteur Roux, F-75015 Paris (FR). INSERM (Institut National de la Santé et de la Recherche Médicale) [FR/FR]; 101 rue de Tolbiac, F-75013 Paris (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GEORGES COURBOT, Marie-Claude [FR/FR]; 47 Cours Richard Vinton, F-69003 Lyon (FR). WILD, Fabian [GB/FR]; 27 rue Guilloud, F-69003 Lyon (FR). DEUBEL, Vincent [FR/FR]; 49 rue de l'Université, F-69007 Lyon (FR). BUCKLAND, Robin [GB/FR]; INSTITUT PASTEUR, Service des Brevets et Inventions, 28 rue du Docteur Roux, F-75015 Paris (FR). CONTAMIN, Hugues [FR/FR]; INSTITUT PASTEUR, Service des Brevets et Inventions, 28 rue du Docteur Roux, F-75015 Paris (FR). KUM, Thong Wong [MY/FR]; INSTITUT PASTEUR, Service des Brevets et Inventions, 28 rue du Docteur Roux, F-75015 Paris (FR). LOTH, Philippe [FR/FR]; 270 cours Lafayette, F-69270 Lyon (FR).
- (74) CABINET ORES; 36 rue de St Pétersbourg, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- (51)<sup>7</sup> C12Q 1/68
- (11) WO 2005/028674 (13) A2
- (21) PCT/IL2004/000866
- (22) 20 Sep/sep 2004 (20.09.2004)
- (25) en (26) en
- (30) 60/504,211 22 Sep/sep 2003 US (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHODS AND KITS USEFUL FOR DETECTING AN ALTERATION IN A LOCUS COPY NUMBER
- PROCEDE ET KITS UTILISES POUR DETECTER UNE MODIFICATION DANS LE NOMBRE DE COPIES D'UN LOCUS
- (71) TRISOGEN BIOTECHNOLOGY LIMITED PARTNERSHIP [IL/IL]; 5 Ben-Yehuda Street, 49 316 Petah-Tikva (IL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HALLE, David [IL/IL]; 65/2 HaMelech David Street, 90 435 Efrat (IL).
- (74) G. E. EHRLICH (1995) LTD.; 11 Menachem Begin Street, 52 521 Ramat-Gan (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12Q 1/68, C12N 9/10
- (11) WO 2005/028676 (13) A2
- (21) PCT/JP2004/014438
- (22) 24 Sep/sep 2004 (24.09.2004)
- (25) en (26) en
- (30) 60/505,571 24 Sep/sep 2003 US (24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD OF DIAGNOSING BREAST CANCER
- METHODE DE DIAGNOSTIC DU CANCER DU SEIN
- (25) en (26) en
- (30) 60/505,632 24 Sep/sep 2003 US (24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR DIAGNOSING HEPATOCELLULAR CARCINOMAS
- PROCEDE POUR DIAGNOSTIQUER DES CARCINOMES HEPATOCELLULAIRES
- (71) ONCOTHERAPY SCIENCE, INC. [JP/JP]; 3-16-13, Shirokanedai, Minato-ku, Tokyo 1080071 (JP). THE UNIVERSITY OF TOKYO [JP/JP]; 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 1138654 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKAMURA, Yusuke [JP/JP]; 17-33, Azamino 1-chome, Aoba-ku, Yokohama-shi, Kanagawa 2250011 (JP). FURUKAWA, Yoichi [JP/JP]; 10-40, Miyazaki 3-chome, Miyamae-ku, Kawasaki-shi, Kanagawa 2160033 (JP).
- (74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 3000847 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declarations / Déclarations :
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (t) for all designations / pour toutes les désignations
-

- (71) **ONCOTHERAPY SCIENCE, INC.** [JP/JP]; 3-16-13, Shirokanedai, Minato-ku, Tokyo 1080071 (JP). **THE UNIVERSITY OF TOKYO** [JP/JP]; 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 1138654 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAKAMURA, Yusuke** [JP/JP]; 17-33, Azamino 1-chome, Aoba-ku, Yokohama-shi, Kanagawa 2250011 (JP). **KATAGIRI, Toyomasa** [JP/JP]; 5-4-14-402, Higashigotanda, Shinagawa-ku, Tokyo 1410022 (JP). **NAKATSURU, Shuichi** [JP/JP]; 6-2, Shimochiai 2-chome, Chuo-ku, Saitama-shi, Saitama 3380002 (JP).
- (74) **SHIMIZU, Hatsushi et al.** / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 3000847 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :**  
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (t) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> **C12Q 1/68**
- (11) **WO 2005/028678** (13) A2
- (21) PCT/US2004/017951
- (22) **7 Jun/juin 2004 (07.06.2004)**
- (25) en (26) en
- (30) 60/476,164 **6 Jun/juin 2003 US (06.06.2003)**
- (30) 60/501,398 **10 Sep/sep 2003 US (10.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHODS AND MATERIALS FOR IDENTIFYING AGENTS WHICH MODULATE BONE REMODELING AND AGENTS IDENTIFIED THEREBY
- PROCEDES ET MATERIAUX PERMETTANT D'IDENTIFIER DES AGENTS MODULANT LE REMODELAGE OSSEUX, ET AGENTS AINSI IDENTIFIES
- (71) **WYETH** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHATTERJEE-KISHORE, Moitreyee** [US/US]; 3 Darien Circle, Nashua, NH 03062 (US). **ROBINSON, John, A.** [US/US]; 23 Webb Road, Downingtown, PA 19335 (US). **BHAT, Bheem, M.** [US/US]; 1214 Mayapple Lane, West Chester, PA 19380 (US). **BEX, Frederick, James, III** [US/US]; 4 Lakeshore Drive, Newtown Square, PA 19703 (US).
- (74) **REA, Teresa, Stanek;** Burns, Doane, Swecker & Mathis, LLP, PO Box 1404, Alexandria, VA 22313-1404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :**  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- 
- (51)<sup>7</sup> **C12Q 1/68**
- (11) **WO 2005/028679** (13) A2
- (21) PCT/US2004/029602
- (22) **13 Sep/sep 2004 (13.09.2004)**
- (25) en (26) en
- (30) 10/661,094 **12 Sep/sep 2003 US (12.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND KIT FOR IDENTIFYING VANCOMYCIN-RESISTANT ENTEROCOCCUS
- PROCEDE ET KIT POUR L'IDENTIFICATION D'ENTEROCOQUE RESISTANT A LA VANCOMYCINE
- (71) **UNIVERSITY OF IOWA RESEARCH FOUNDATION** [US/US]; Technology Innovation Center, Suite #214, 100 Oakdale Campus, Iowa City, IA 52242 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **DODGSON, Kirsty, Jane** [GB/US]; 124 Grove Street, Iowa City, IA 52246 (US).
- (74) **STEFFEY, Charles, E. et al.** / etc.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q 1/68, G01N 33/543, C12N 15/10

(11) WO 2005/028680 (13) A2

(21) PCT/US2004/030119

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 60/502,368 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS, COMPOSITIONS, AND KITS FOR THE CONCENTRATION AND DETECTION OF MICROORGANISMS

• METHODES, COMPOSITIONS, ET TROUSSES POUR CONCENTRATION ET DETECTION DE MICRO-ORGANISMES

(71) BIOCONTROL SYSTEMS, INC. [US/US]; 12822 Southeast 32nd Street, Bellevue, Washington 98005 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FELDSINE, Philip, T. [US/US]; 1621 72nd Avenue Southeast, Mercer Island, Washington 98040 (US).

(74) LAHERTY, Carol, D. et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, Washington 98104-7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q 1/68

(11) WO 2005/028681 (13) A1

(21) PCT/US2004/030789

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,087 19 Sep/sep 2003 US (19.09.2003)

(30) 10/727,100 2 Dec/déc 2003 US (02.12.2003)

(30) 10/773,761 6 Feb/fév 2004 US (06.02.2004)

(30) 60/547,199 23 Feb/fév 2004 US (23.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PREDICTING BREAST CANCER TREATMENT OUTCOME

• PREVISION DU RESULTAT D'UN TRAITEMENT CONTRE LE CANCER DU SEIN

(71) ARCTURUS BIOSCIENCE, INC. [US/US]; 400 Logue Avenue, Mountain View, CA 94043 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MA, Xiao-Jun [US/US]; 4482 Calle Mar De Armonia, San Diego, CA 92130 (US). ERLANDER, Mark, G. [US/US]; 442 Hillcrest Drive, Encinitas, CA 92024 (US).

SGROI, Dennis, C. [US/US]; 331 Main Street, Winchester, MA 01890 (US). EN-

RIGHT, Edward [US/US]; 3872 Creststone Place, San Diego, CA 92130 (US).

(74) LAU, Kawai et al. / etc.; Townsend and Townsend and Crew LLP, 12730 High Bluff Drive, Suite 400, San Diego, CA 92130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C14B 15/06

(11) WO 2005/028682 (13) A1

(21) PCT/DK2004/000636

(22) 20 Sep/sep 2004 (20.09.2004)

(25) da (26) en

(30) PA 200301373 19 Sep/sep 2003 DK (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND MACHINE FOR NON-DESTRUCTIVE STRETCHING AND FASTENING OF A PELT ON A PELT BOARD

• PROCEDE ET MACHINE PERMETTANT L'ETIRAGE ET LA FIXATION NON DESTRUCTEURS D'UNE PEAU SUR UN PANNEAU POUR PEAU

(71) MAJGAARD INVEST APS [DK/DK]; Hedegårdvej 13, Borbjerg, DK-7500 Holstebro (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEDEGAARD, Jens [DK/DK]; Hedegårdvej 13, Borbjerg, DK-7500 Holstebro (DK).

(74) DANSK MINK PAPIR A/S; Hedegaardvej 13, Borbjerg, DK-7500 Holstebro (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C21B 7/20

(11) WO 2005/028683 (13) A2

(21) PCT/EP2004/052279

(22) 23 Sep/sep 2004 (23.09.2004)

(25) fr (26) fr

(30) 91 041 23 Sep/sep 2003 LU (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SHAFT FURNACE-LOADING DEVICE  
• DISPOSITIF DE CHARGEMENT D'UN FOUR À CUVE

(71) PAUL WURTH S.A. [LU/LU]; 32, rue d'Alsace, L-1122 Luxembourg (LU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LONARDI, Emile [LU/LU]; 30, rue de Schouweiler, L-4945 Bascharage (LU). THILLEN, Guy [LU/LU]; 136 route de Gilsdorf, L-9234 Diekirch (LU). CIMENTI, Giovanni [IT/LU]; 20, cité am Bruch, L-8062 Bertrange (LU).

(74) SCHMITT, Armand et al. / etc.; Office Ernest T. Freylinger S.A., B.P. 48, L-8001 Strassen (LU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C21B 13/00, C22B 1/243

(11) WO 2005/028684 (13) A1

(21) PCT/IB2004/003038

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 10/667,883 23 Sep/sep 2003 US (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SELF-REDUCING, COLD-BONDED PELLETS

• BOULETTES AGGLOMEREES A TEMPERATURE AMBIANTE ET A AUTO-REDUCTION

(71, 72) LIU, Hanqing [CN/CN]; 32-105 Laoshanxili Shijingshan, Beijin 100043 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C21D

(11) WO 2005/028685 (13) A2

(21) PCT/US2004/029818

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/663,210 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-STABLE MAGNETIC ARTICLE  
• ARTICLE MAGNETIQUE MULTIS-TABLE

(71) CONCEPT WORKSHOP WORLDWIDE LLC [US/US]; 133 East 58th Street, Suite 906, New York, NY 10022 (US).

(72) SEIDLER, David; 69-10 108th Street, Forest Hills, NY 11375 (US).

(74) ROSENBERG, Neal, L. et al. / etc.; Amster, Rothstein & Ebenstein LLP, 90 Park Avenue, New York, NY 10016 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C22B 3/00 // 11:00

(11) WO 2005/028686 (13) A1

(21) PCT/FI2004/000505

(22) 31 Aug/août 2004 (31.08.2004)

(25) en (26) en

(30) 20031366 23 Sep/sep 2003 FI (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR PROCESSING ANODE SLUDGE

• PROCEDE DE TRAITEMENT DE BOUE ANODIQUE

(71) OUTOKUMPU OYJ [FI/FI]; Riihitontuntie 7, FI-02200 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LINDROOS, Leo [FI/FI]; Lautalantie 26, FI-28300 Pori (FI). VIRTANEN, Henri [FI/FI]; Liikastentie 99, FI-28610 Pori (FI). JÄRVINEN, Olli [FI/FI]; Matinlahdenkatu 3 C 11, FI-02230 Espoo (FI).

(74) OUTOKUMPU OYJ, INTELLECTUAL PROPERTY MANAGEMENT; P.O.Box 27, FI-02201 Espoo (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> C22B 3/04, 11/00

(11) WO 2005/028687 (13) A1

(21) PCT/MX2004/000054

(22) 30 Jul/juil 2004 (30.07.2004)

(25) es (26) es

(30) PA/a/2003/006955 4 Aug/août 2003 MX (04.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMPROVEMENT TO SILVER AND GOLD LEACHING METHOD WITH THIOUREA SOLUTIONS

• AMELIORATION APPORTEE AU PROCEDE DE LIXIVIATION D'ARGENT ET D'OR AU MOYEN DE SOLUTIONS A BASE DE THIOUREE

(71) UNIVERSIDAD AUTÓNOMA METROPOLITANA [MX/MX]; Prolongación Canal de Miramontes No.3855, Col. Ex Hacienda de San Juan de Dios, C.P. 14387 México, D.F. (MX).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAPIDUS LAVINE, Gretchen, Terri [MX/MX]; Calle Fresnos No. 52, Edificio

F, Departamento 603, Colonia Santa Úrsula Coapa, C.P. 04650 México, D.F. (MX). LÓPEZ ESCUTIA, María, Concepción [MX/MX]; Avenida Sierra Leona No. 550, Colonia Lomas Segunda Sección, C.P. 78210 México, San Luis Potosí (MX). OROPEZA GUZMÁN, Mercedes, Teresita [MX/US]; Street Claremonte No. 5158, Dawme, CA 92117 (US). GONZÁLEZ MARTÍNEZ, Ignacio [MX/MX]; Calle Ocaso No.58, Departamento 101, Col. Insurgentes Cuicuilco, Delegación Coyoacan, C.P. 04530 México, D.F. (MX). RODRÍGUEZ HERNÁNDEZ, Fernando [MX/MX]; Calzada Tenorio No. 224, Edificio 14, Departamento 202, Col. Rinconada Coapa, Delegación Tlalpan, C.P. 14330 México, D.F. (MX). POISOT DÍAZ, María, Elena [MX/MX]; Calle Manuel J. Tello No.68, Col. Adolfo López Mateos, Delegación Venustiano Carranza, C.P. 15670 México, D.F. (MX). GIRÓN BAUTISTA, Ita [MX/MX]; Calle Miguel Hidalgo No.27, Col. Jardines de Xalostoc, Municipio de Ecatepec, C.P. 55330 México, Edo. de Méx. (MX).

(74) PÉREZ SALAZAR, Sara; Prolongación Canal de Miramontes No. 3855, Colonia Ex Hacienda de San Juan de Dios, C.P. 14387 México, D.F. (MX).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C22C 9/00, C22F 1/08

(11) WO 2005/028688 (13) A1

(21) PCT/FI2004/000528

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 10/668,931 23 Sep/sep 2003 US (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS FOR HIGH STRENGTH, HIGH CONDUCTIVITY COPPER ALLOY OF CU-NI-SI GROUP

• PROCEDE DE PRODUCTION D'UN ALLIAGE DE CUIVRE DU GROUPE CU-NI-SI PRESENTANT UNE RESISTANCE ET UNE CONDUCTIVITE ELEVEES

(71) OUTOKUMPU OYJ [FI/FI]; Riihitontuntie 7, FI-02200 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72) KAMF, Anders; 57 Kinderhook Ct., East Amherst, NY 14051 (US).

(74) OUTOKUMPU OYJ; Intellectual Property Management, P.O. Box 27, FI-02201 Espoo (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> C22C 9/00

(11) WO 2005/028689 (13) A1

(21) PCT/JP2004/013439

(22) 15 Sep/sep 2004 (15.09.2004)

(25) ja (26) ja

(30) 2003-328946 19 Sep/sep 2003 JP (19.09.2003)

(30) 2004-056903 1 Mar/mar 2004 JP (01.03.2004)

(30) 2004-234851 11 Aug/août 2004 JP (11.08.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COPPER ALLOY AND METHOD FOR PRODUCTION THEREOF

- ALLIAGE DE CUIVRE ET PROCÉDE DE PRODUCTION DE CELUI-CI

(71) SUMITOMO METAL INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAEHARA, Yasuhiro [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP). YONEMURA, Mitsuharu [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP). MAEDA, Takashi [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP). NAKAJIMA, Keiji [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP). NAGAMICHI, Tsuneaki [JP/JP]; c/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP).

(74) HONOUE, Terutada et al. / etc.; Honoue Patent Office, 17-23, Higashinaniwa-cho 5-chome, Amagasaki-shi, Hyogo, 6600892 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C22C 19/05, B23K 35/30, 1/00

(11) WO 2005/028690 (13) A1

(21) PCT/EP2004/052155

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 03103523.1 24 Sep/sep 2003 EP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BRAZE ALLOY AND THE USE OF SAID BRAZE ALLOY

- ALLIAGE DE BRASAGE ET UTILISATION D'UN TEL ALLIAGE DE BRASAGE

(71) ALSTOM TECHNOLOGY LTD [CH/CH]; Brown Boveri Strasse 7, CH-5400 Baden (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHNELL, Alexander [AT/CH]; Sonnenbergstrasse 14, CH-5408 Ennetbaden (CH). MORGAN, Erol [GB/CH]; Im Kehl 4, CH-5400 Baden (CH). STANKOWSKI, Alexander [CH/CH]; Hardstrasse 77, CH-5432 Neuenhof (CH).

(74) ALSTOM TECHNOLOGY LTD; CHTI Intellectual Property, Brown Boveri Str. 7/699/5, CH-5401 Baden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C22C 23/02

(11) WO 2005/028691 (13) A1

(21) PCT/JP2004/013974

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 2003-326563 18 Sep/sep 2003 JP (18.09.2003)

(30) 2004-150393 20 May/mai 2004 JP (20.05.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HEAT RESISTANT MAGNESIUM DIE CASTING ALLOYS

- ALLIAGES DE MOULAGE MECHANIQUE DE MAGNESIUM RESISTANT A LA CHALEUR

(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyotacho, Toyota-shi, Aichi 4718571 (JP). MITSUBISHI ALUMINUM COMPANY, LTD. [JP/JP]; 3-3, Shiba 2-chome, Minato-ku, Tokyo 1058546 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIJII, Takumi [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyotacho, Toyota-shi, Aichi 4718571 (JP). KITANO, Tomoyasu [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyotacho, Toyota-shi, Aichi 4718571 (JP). OHORI, Koichi [JP/JP]; c/o Mitsubishi Aluminum Company, Ltd., Technical Development Center, 85, Hiramatsu, Susono-shi, Shizuoka 4101127 (JP). NAKAURA, Yusuke [JP/JP]; c/o Mitsubishi Aluminum Company, Ltd., Technical Development Center, 85, Hiramatsu, Susono-shi, Shizuoka 4101127 (JP). MATSUYAMA, Harutoshi [JP/JP]; c/o Mitsubishi Aluminum Company, Ltd., Fuji Plant, 85, Hiramatsu, Susono-shi, Shizuoka 4101127 (JP).

(74) AOKI, Atsushi et al. / etc.; A. Aoki, Ishida & Associates, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 1058423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C22C 27/04, 32/00, 1/04, 1/10

(11) WO 2005/028692 (13) A1

(21) PCT/AT2004/000314

(22) 15 Sep/sep 2004 (15.09.2004)

(25) de (26) de

(30) GM 640/2003 19 Sep/sep 2003 AT (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ODS-ALLOY OF MOLYBDENUM, SILICON AND BORON

- ALLIAGE ODS MOLYBDENE-SILICIUM-BORE

(71) PLANSEE AKTIENGESELLSCHAFT [AT/AT]; A-6600 Reutte/Tirol (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JEHANNO, Pascal [FR/AT]; Kirchweg 25, A-6600 Höfen (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C22C 38/00, 38/06, 38/54, C21D 9/46

(11) WO 2005/028693 (13) A1

(21) PCT/JP2004/014286

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ja (26) ja

(30) 2003-332013 24 Sep/sep 2003 JP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HOT ROLLED STEEL SHEET FOR WORKING  
• TOLE D'ACIER LAMINEE A CHAUD A TRAVAILLER

(71) NIPPON STEEL CORPORATION [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOKOI, Tatsuo [JP/JP]; c/o Nippon Steel Corporation, Oita Works, 1, Oaza-Nishinosu, Oita-shi, Oita 870-0902 (JP). YAMADA, Tetsuya [JP/JP]; c/o Nippon Steel Corporation, Oita Works, 1, Oaza-Nishinosu, Oita-shi, Oita 870-0902 (JP). KAWANO, Osamu [JP/JP]; c/o Nippon Steel Corporation, Oita Works, 1, Oaza-Nishinosu, Oita-shi, Oita 870-0902 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C22C 45/00, 45/10

(11) WO 2005/028694 (13) A1

(21) PCT/EP2004/051409

(22) 9 Jul/juil 2004 (09.07.2004)

(25) de (26) de

(30) 103 32 388.0 11 Jul/juil 2003 DE (11.07.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR IMPROVING THE PLASTIC DUCTILITY OF HIGH-STRENGTH MOLDED BODIES FROM BULK METALLIC GLASSES AND MOLDED BODIES SO PRODUCED

• PROCEDE POUR AMELIORER LA DEFORMABILITE PLASTIQUE DE CORPS MOULES A HAUTE RIGIDITE CONSTITUES DE VERRES METALLIQUES MASSIFS, ET CORPS MOULES PRODUITS AU MOYEN DE CE PROCEDE

(71) LEIBNIZ-INSTITUT FÜR FESTKÖRPER- UND WERKSTOFFFORSCHUNG DRESDEN E.V. [DE/DE]; Helmholtzstrasse 20, 01069 Dresden (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ECKERT, Jürgen [DE/DE]; Frankensteinstr. 39, 64297 Darmstadt (DE). GEBERT, Annett [DE/DE]; Priesnitzstr. 42a, 01099 Dresden (DE). UTHANDI MUDALI, Kamachi Mudali [IN/DE]; Reichenbachstr. 66, 01217 Dresden (DE).

(74) RAUSCHENBACH, Dieter; Bienertstrasse 15, 01187 Dresden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C23C 14/16, 14/02, 14/58, 10/02

(11) WO 2005/028695 (13) A1

(21) PCT/EP2004/010673

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 03447234.0 24 Sep/sep 2003 EP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A METHOD AND APPARATUS FOR THE PRODUCTION OF METAL COATED STEEL PRODUCTS

• PROCEDE ET APPAREIL DE PRODUCTION DE PRODUITS EN ACIER REVE-TUS DE METAL

(71) USINOR S.A. [FR/FR]; Immeuble "La Pacific", 11/13 Cours Valmy - La Défense 7, F-92800 Puteaux (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE MEYER, Marijke [BE/BE]; Emeric De Bruynelaan 28, B-9940 Evergem-Sleidinge (BE). CLAESSENS, Serge [BE/BE]; Knyffstraat 45, B-2100 Deurne (BE). HÖRZENBERGER, Franz [AT/BE]; Zelzatestraat 26, B-9960 Assenede (BE).

(74) VAN MALDEREN, Joëlle et al. / etc.; Office Van Malderen, Place Reine Fabiola 6/1, B-1083 Brussels (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> C23C 14/28, H01B 13/00, H01L 39/24

(11) WO 2005/028696 (13) A1

(21) PCT/JP2004/011680

(22) 6 Aug/août 2004 (06.08.2004)

(25) ja (26) ja

(30) 2003-322406 16 Sep/sep 2003 JP (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PRODUCTION METHOD FOR THIN FILM AND PRODUCTION METHOD FOR THIN FILM WIRE AND PULSE LASER VAPOR DEPOSITION DEVICE

• PROCEDE DE PRODUCTION D'UN FILM MINCE ET D'UN CABLE A FILM MINCE ET DISPOSITIF DE DEPOT DE VAPEUR PAR LASER PULSE

(71) SUMITOMO ELECTRIC INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAHAKURA, Shuji [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP). OHMATSU, Kazuya [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP). KONISHI, Masaya [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP). FUJINO, Koso [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP).

(74) NAKANO, Minoru et al. / etc.; c/o Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C23C 14/34, 16/00, 8/00, H01L 21/306, C23F 1/00

(11) WO 2005/028697 (13) A1

(21) PCT/US2004/029744

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 60/502,782 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MAGNETIC MIRROR PLASMA SOURCE AND METHOD USING SAME  
• SOURCE DE PLASMA A MIROIR MAGNETIQUE ET SON PROCEDE DE PRODUCTION

(71) APPLIED PROCESS TECHNOLOGIES, INC. [US/US]; 546 E. 25th Street, Tucson, Arizona 85713 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MADOCKS, John [US/US]; 110 E. Yvon Drive, Tucson, Arizona 85704 (US).

(74) REGELMAN, Dale F.; Law Office of Dale F., Regelman, P.C., 4231 S. Fremont Avenue, Tucson, Arizona 85714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW

GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> C23C 14/34, 14/35, 14/46

(11) WO 2005/028698 (13) A1

(21) PCT/US2004/030027

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 10/661,778 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPARATUS AND METHOD FOR EMITTING CESIUM VAPOR  
• APPAREIL ET PROCEDE D'EMISSION DE VAPEUR DE CESIUM

(71) PLASMION CORPORATION [US/US]; 50 Harrison Street, Hoboken, NJ 07030 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SOHN, Minho [KR/US]; 15 Holt Ct., Glen Rock, NJ 07452 (US). KIM, Dae-II [KR/US]; 210 Riverdale Rd., Apt. 1, Riverdale, NJ 07675 (US).

(74) HARDY, David, B. et al. / etc.; Morgan Lewis & Bockius LLP, 1111 Pennsylvania Avenue, NW, Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C23C 14/35

(11) WO 2005/028699 (13) A1

(21) PCT/US2004/029989

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/662,863 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPARATUS FOR LOW TEMPERATURE SEMICONDUCTOR FABRICATION  
• APPAREIL POUR LA FABRICATION DE SEMI-CONDUCTEURS A BASSE TEMPERATURE

(71) GLOBAL SILICON NET CORP. [US/US]; 331 Whitney Place, Fremont, CA 94539 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) NAGASHIMA, Makoto [JP/JP]; 5-15-2 Minami-cho, Nishi-Tokyo, Tokyo, Tokyo 188-0012 (JP).

(72, 75) SCHMIDT, Dominik [US/US]; PO Box 20541, Stanford, CA 94309 (US).

(74) TRAN, Bao; Tran & Associates, 6768 Meadow Vista Court, San Jose, CA 95135 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C23C 14/35

(11) WO 2005/028700 (13) A1

(21) PCT/US2004/029990

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/662,862 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPARATUS FOR LOW TEMPERATURE SEMICONDUCTOR FABRICATION  
• APPAREIL POUR LA FABRICATION DE SEMI-CONDUCTEURS A BASSE TEMPERATURE

(71) GLOBAL SILICON NET CORP. [US/US]; 331 Whitney Place, Fremont, California 94539 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) NAGASHIMA, Makoto [JP/JP]; 5-15-2 Minami-cho, Nishi-Tokyo, Tokyo, Tokyo 188-0012 (JP). SCHMIDT, Dominik [US/US]; PO Box 20541, Stanford, California 94309 (US).

(74) TRAN, Bao; Tran & Associates, 6768 Meadow Vista Court, San Jose, California 95135 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> C23C 16/44, 16/455  
 (11) WO 2005/028701 (13) A2  
 (21) PCT/US2004/004943  
 (22) 19 Feb/fév 2004 (19.02.2004)  
 (25) en (26) en  
 (30) 10/414,787 16 Apr/avr 2003 US (16.04.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • METHODS AND APPARATUS FOR CONTROLLING FORMATION OF DEPOSITS IN A DEPOSITION SYSTEM AND DEPOSITION SYSTEMS AND METHODS INCLUDING THE SAME  
 • PROCEDES ET DISPOSITIF POUR CONTROLER LA FORMATION DE DEPOTS DANS UN SYSTEME DE DEPOT, SYSTEMES ET PROCEDES DE FORMATION DE DEPOTS ASSOCIES
- (71) CREE, INC. [US/US]; 4600 Silicon Drive, Durham, North Carolina 27703 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SUMAKERIS, Joseph, John [US/US]; 4412 Surry Ridge Circle, Apex, North Carolina 27502 (US). PAISLEY, Michael, James [US/US]; 1903 Ford Gates Drive, Garner, North Carolina 27529-3732 (US). O'LOUGHLIN, Michael, John [US/US]; 151 Graylyn Drive, Chapel Hill, North Carolina 27516 (US).
- (74) MYERS BIGEL SIBLEY & SAJOVEC, P.A.; P.O. Box 37428, Raleigh, North Carolina 27627 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C23C 16/455, H01L 21/31  
 (11) WO 2005/028703 (13) A1  
 (21) PCT/JP2004/013357  
 (22) 14 Sep/sep 2004 (14.09.2004)  
 (25) ja (26) ja  
 (30) 2003-325004 17 Sep/sep 2003 JP (17.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • FILM-FORMING APPARATUS AND FILM-FORMING METHOD  
 • APPAREIL ET PROCEDE DE FORMATION DE FILMS
- (71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) SAMUKAWA, Seiji [JP/JP]; 3-52, Azayoshinariyama, Imosawa, Aoba-ku, Sendai-shi, Miyagi 989-3212 (JP).
- (72, 75) NOZAWA, Toshihisa [JP/JP]; c/o Tokyo Electron AT Limited, 1-8, Fuso-cho, Amagasaki City, Hyogo 660-0891 (JP).
- (74) ITOH, Hidehiko et al. / etc.; IMY International Patent Office, Kyowa Shimanouchi Bldg., 21-19, Shimanouchi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0082 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C23C 16/448, C30B 25/14, B01J 4/00  
 (11) WO 2005/028702 (13) A2  
 (21) PCT/US2004/030383  
 (22) 15 Sep/sep 2004 (15.09.2004)  
 (25) en (26) en  
 (30) 10/663,366 15 Sep/sep 2003 US (15.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • PRECURSOR DELIVERY SYSTEM  
 • SYSTEME DE DISTRIBUTION DE PRECURSEUR
- (71) INTEL CORPORATION [US/US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) KUSE, Ronald; 3-12-1-C101 Ninomiya, Tsukuba City, Ibaraki Prefecture, 305-00513 (JP).
- (74) HARRIS, Scott, C.; Fish & Richardson, P.C., 12390 El Camino Real, San Diego, CA 92130 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 60/504,641 19 Sep/sep 2003 US (19.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • METALLIZATION OF SUBSTRATE(S) BY A LIQUID/VAPOR DEPOSITION PROCESS  
 • METALLISATION DE SUBSTRAT(S) PAR PROCEDE DE DEPOT EN PHASES LIQUIDE-VAPEUR
- (71) AKZO NOBEL N.V. [NL/NL]; Velperweg 76, P.O. Box 9300, NL-6800 SB Arnhem (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) DEAVENPORT, Dennis, Leon [US/US]; 2515 Blossom Bay Court, Houston, TX 77059 (US). THORNTON, John, Lawrence, Jr. [US/US]; 146 Highland Terrace Drive, League City, TX 77573 (US). TRAN, Nam, Hung [US/US]; 7115 Coldstream Drive, Pasadena, TX 77505 (US). NEWBERG, Samuel, S. [US/US]; 220 Southgate Drive, Vernon Hills, IL 60061 (US).
- (74) FENNELLY, Richard, P.; Akzo Nobel Inc., Intellectual Property Department, 7 Livingstone Avenue, Dobbs Ferry, NY 10522 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C23C 18/16, 18/54, G01B 11/06  
 (11) WO 2005/028705 (13) A1  
 (21) PCT/US2004/030444  
 (22) 17 Sep/sep 2004 (17.09.2004)  
 (25) en (26) en  
 (30) 60/503,833 19 Sep/sep 2003 US (19.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • APPARATUS AND METHOD OF DETECTING THE ELECTROLESS DEPOSITION ENDPOINT  
 • APPAREIL ET PROCEDE DE DETECTION DE POINT LIMITE DE DEPOT AUTOCATALYTIQUE
- (71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Ave, Santa Clara, CA 95054 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SHANMUGASUNDRAM, Arulkumar [IN/US]; 428 Madera Avenue #10, Sunnyvale, CA 94086 (US). BIRANG, Manoocher [US/US]; 18836 Favre Ridge Road, Los Gatos, CA 95030 (US). PANCHAM, Ian, A. [US/US]; 1016 Florida Street, San Francisco, CA 94110 (US). LOPATIN, Sergey [BY/US]; 1000 Kiely Blvd., #66, Santa Clara, CA 95051 (US).
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- (51)<sup>7</sup> C23C 16/52, 16/455, 16/20  
 (11) WO 2005/028704 (13) A1  
 (21) PCT/US2004/030376  
 (22) 16 Sep/sep 2004 (16.09.2004)  
 (25) en (26) en



(74) PATTERSON, B., Todd et al. / etc.; MOSER, PATTERSON & SHERIDAN, LLP, 3040 Post Oak Blvd., Suite 1500, Houston, TX 77056-6582 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2005/028706 (13) A1

(21) PCT/JP2004/012070

(22) 23 Aug/août 2004 (23.08.2004)

(25) ja (26) ja

(30) 2003-329118 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPOSITE MATERIAL AND METHOD OF MANUFACTURING THE SAME

• MATERIAU COMPOSITE ET SON PROCEDE DE FABRICATION

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) TANIKAWA, Akio [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).

(74) HAYAMI, Shinji; Daikanyama TK Bldg. 1F, 2-17-16, Ebisu-Nishi, Shibuya-ku, Tokyo 150-0021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C23F 11/18

(11) WO 2005/028707 (13) A2

(21) PCT/US2004/012147

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/464,182 21 Apr/avr 2003 US (21.04.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS FOR INHIBITING MICROBIOLOGICALLY INFLUENCED CORROSION OF METALS AND ALLOYS

• PROCEDES D'INHIBITION DE CORROSION INFLUENCEE DE MANIERE MICROBIOLOGIQUE DE METAUX ET D'ALLIAGES

(71) THE JOHNS HOPKINS UNIVERSITY [US/US]; 34th and Charles Streets, Baltimore, Maryland 21218 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SRINIVASAN, Rengaswamy [US/US]; 3616 Chateau Ridge Drive, Ellicott City, MD 21042 (US). SAFFARIAN, Hassann M. [IR/US]; 13914 Castle Blvd. #101, Silver Spring, MD 20904 (US). FOGEL, Stuart A. [US/US]; 5764 Stevens Forest Road, Apt. 507, Columbia, MD 21045 (US). CROOKSTON, James C. [US/US]; 7821 Old Falls Road, McLean, VA 22101 (US).

(74) ROCA, Benjamin Y. et al. / etc.; The Johns Hopkins University, Applied Physics Laboratory, Office of Patent Counsel, 11100 Johns Hopkins Road, Laurel, MD 20723-6099 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C25B 1/46, 1/26, 15/02, 15/08

(11) WO 2005/028708 (13) A2

(21) PCT/EP2004/009673

(22) 31 Aug/août 2004 (31.08.2004)

(25) de (26) de

(30) 103 42 148.3 12 Sep/sep 2003 DE (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR THE ELECTROLYSIS OF AN AQUEOUS SOLUTION OF HYDROGEN CHLORIDE OR CHLORALKALI

• PROCEDE POUR REALISER L'ELECTROLYSE D'UNE SOLUTION AQUEUSE DE CHLORURE D'HYDROGENE OU DE CHLORURE ALCALIN

(71) BAYER MATERIALSCIENCE AG [DE/DE]; 51368 Leverkusen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GESTERMANN, Fritz [DE/DE]; Berliner Str. 83, 51377 Leverkusen (DE). MALCHOW, Richard [DE/DE]; Morsestr. 15, 50769 Köln (DE). HANSEN, Walter [DE/DE]; Strassburger Str. 36, 51375 Leverkusen (DE). SENGSTOCK, Gaby [DE/DE]; Am Weiher 4-6, 51379 Leverkusen (DE).

(74) BAYER MATERIALSCIENCE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C25B 9/06, H01M 8/04, 8/24

(11) WO 2005/028709 (13) A1

(21) PCT/CA2004/001704

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,223 22 Sep/sep 2003 US (22.09.2003)

(30) 60/504,220 22 Sep/sep 2003 US (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FLOW FIELD PLATE ARRANGEMENT  
• ENSEMBLE PLAQUES A CHAMP D'ECOULEMENT

(71) HYDROGENICS CORPORATION [CA/CA]; 5985 McLaughlin Road, Mississauga, Ontario L5R 1B8 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRANK, David [CA/CA]; 25 Cleethorpes Boulevard, Scarborough, Ontario M1S 2S7 (CA). JOOS, Nathaniel, Ian [CA/CA]; 81 Annette Street, Toronto, Ontario M6P 1N7 (CA).

(74) BERESKIN & PARR; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C25B 9/06, 11/03

(11) WO 2005/028710 (13) A1

(21) PCT/CA2004/001708

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(25) en (26) en

- (30) 60/504,223 **22 Sep/sep 2003** US  
(22.09.2003)
- (30) 60/504,220 **22 Sep/sep 2003** US  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ELECTROLYZER CELL ARRANGEMENT  
• AGENCEMENT DE CELLULES D'ELECTROLYSEUR
- (71) **HYDROGENICS CORPORATION** [CA/CA]; 5985 McLaughlin Road, Mississauga, Ontario L5R 1B8 (CA).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FRANK, David** [CA/CA]; 25 Cleethorpes Boulevard, Scarborough, Ontario M1S 2S7 (CA). **JOOS, Nathaniel, Ian** [CA/CA]; 81 Annette Street, Toronto, Ontario M6P 1N7 (CA).
- (74) **BERESKIN & PARR**; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- 
- (51)<sup>7</sup> C25B 9/06, H01M 8/02, 8/24, 2/08, 2/08, F16J 15/08, 15/10
- (11) **WO 2005/028711** (13) A1
- (21) PCT/CA2004/001720
- (22) **21 Sep/sep 2004 (21.09.2004)**
- (25) en (26) en
- (30) 60/504,222 **22 Sep/sep 2003** US  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SEAL FOR AN ELECTROCHEMICAL CELL  
• JOINT D'ETANCHEITE POUR PILE ELECTROCHIMIQUE
- (71) **HYDROGENICS CORPORATION** [CA/CA]; 5985 McLaughlin Road, Mississauga, Ontario L5R 1B8 (CA).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FRANK, David** [CA/CA]; 25 Cleethorpes Boulevard, Scarborough, Ontario M1S 2S7 (CA). **JOOS, Nathaniel, Ian** [CA/CA]; 81 Annette Street, Toronto, Ontario M6P 1N7 (CA).
- (74) **BERESKIN & PARR**; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C25B 15/02, 1/04, H01M 8/04, 8/24
- (11) **WO 2005/028713** (13) A1
- (21) PCT/CA2004/001719
- (22) **21 Sep/sep 2004 (21.09.2004)**
- (25) en (26) en
- (30) 60/504,218 **22 Sep/sep 2003** US  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ELECTROLYZER CELL STACK SYSTEM  
• SYSTEME D'EMPILAGE DE CELLULES D'ELECTROLYSEUR
- (71) **HYDROGENICS CORPORATION** [CA/CA]; 5985 McLaughlin Road, Mississauga, Ontario L5R 1B8 (CA).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **RUSTA-SALLEHY, Ali** [CA/CA]; 163 Elmwood Avenue, Richmond Hill, Ontario L4C 1L2 (CA). **VALE, Michael** [CA/CA]; 33 Heathwood Drive, Brampton, Ontario L7A 1Y6 (CA). **FRANK, David** [CA/CA]; 25 Cleethorpes Boulevard, Scarborough, Ontario M1S 2S7 (CA). **JOOS, Nathaniel, Ian** [CA/CA]; 81 Annette Street, Toronto, Ontario M6P 1N7 (CA).
- (74) **BERESKIN & PARR**; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> C25B 15/02, 15/00, G06F 19/00, G08B 23/00
- (11) **WO 2005/028714** (13) A1
- (21) PCT/CA2004/001721
- (22) **21 Sep/sep 2004 (21.09.2004)**
- (25) en (26) en
- (30) 60/504,218 **22 Sep/sep 2003** US  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • APPARATUS AND METHOD FOR REDUCING INSTANCES OF PUMP DE-PRIMING  
• APPAREIL ET PROCEDURE POUR REDUIRE LES OCCURENCES DE DE-SARMORÇAGE DE POMPE
- (71) **HYDROGENICS CORPORATION** [CA/CA]; 5985 McLaughlin Road, Mississauga, Ontario L5R 1B8 (CA).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **RUSTA-SALLEHY, Ali** [CA/CA]; 163 Elmwood Avenue, Richmond Hill, Ontario L4C 1L2 (CA). **VALE, Michael** [CA/CA]; 33 Heathwood Drive, Brampton, Ontario L7A 1Y6 (CA).
- (74) **BERESKIN & PARR**; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C25B 15/02, G06F 19/00, G08B 23/00

(11) WO 2005/028715 (13) A1

(21) PCT/CA2004/001722

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 60/504,218 22 Sep/sep 2003 US (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR ALARM RECOVERY FOR AN ELECTROLYZER CELL MODULE

• SYSTEME ET PROCÉDE DE RECUPERATION D'ALARME POUR UN MODULE A CELLULE D'ELECTROLYSE

(71) HYDROGENICS CORPORATION [CA/CA]; 5985 McLaughlin Road, Mississauga, Ontario L5R 1B8 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RUSTA-SALLEHY, Ali [CA/CA]; 163 Elmwood Avenue, Richmond Hill, Ontario L4C 1L2 (CA). VALE, Michael [CA/CA]; 33 Heathwood Drive, Brampton, Ontario L7A 1Y6 (CA).

(74) BERESKIN & PARR; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C25B 15/02, H01M 8/04, 8/24, C25B 9/06

(11) WO 2005/028716 (13) A1

(21) PCT/CA2004/001729

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 60/504,221 22 Sep/sep 2003 US (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND SYSTEM FOR MONITORING FLUIDS OF AN ELECTROCHEMICAL CELL STACK

• PROCÉDE ET SYSTEME DE REGULATION DE FLUIDES D'UNE PILE DE CELLULES ELECTROCHIMIQUES

(71) HYDROGENICS CORPORATION [CA/CA]; 5985 McLaughlin Road, Mississauga, Ontario L5R 1B8 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YE, Jianming [CA/CA]; 45 Battleford Avenue, Woodbridge, Ontario L4H 2L9 (CA). RUSTA-SALLEHY, Ali [CA/US]; 5601 Seminary Road, #1315, Falls Church, VA 22041 (US). BAZZARELLA, Ricardo [CA/CA]; 112 Darren Crescent, Cambridge, Ontario N3C 3Y9 (CA).

(74) BERESKIN & PARR; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C25D 3/38, 17/02, 17/10, 17/12, 21/12, 21/22, 21/18

(11) WO 2005/028717 (13) A1

(21) PCT/US2004/030445

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/664,277 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INSOLUBLE ANODE WITH AN AUXILIARY ELECTRODE

• ANODE INSOLUBLE COMPORTANT UNE ELECTRODE AUXILIAIRE

(71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Ave, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOVARSKY, Nicolay, Y. [IL/US]; 180 Locksunart Way #13, Sunnyvale, CA 94087 (US). LUBOMIRSKY, Dmitry [IL/US]; 20200 Lucille Avenue #98, Cupertino, CA 95014 (US). RABINOVICH, Yevgeniy (Eugene) [US/US]; 41952 Corte Santa Barbara, Fremont, CA 94539 (US).

(74) PATTERSON, B. Todd et al. / etc.; MOSER, PATTERSON & SHERIDAN, LLP, 3040 Post Oak Blvd., Suite 1500, Houston, TX 77056-6582 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C25D 17/06

(11) WO 2005/028718 (13) A2

(21) PCT/EP2004/009272

(22) 18 Aug/août 2004 (18.08.2004)

(25) de (26) de

(30) 103 40 888.6 4 Sep/sep 2003 DE (04.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • POWER SUPPLY DEVICE IN A DEVICE FOR ELECTROCHEMICAL TREATMENT

• SYSTEME D'ALIMENTATION EN COURANT DANS UN DISPOSITIF DE TRAITEMENT ELECTROCHIMIQUE

(71) ATOTECH DEUTSCHLAND GMBH [DE/DE]; Erasmustrasse 20, 10553 Berlin (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHELLER, Britta [DE/DE]; Mühlfeld 63, 90559 Burgthann (DE). BREHM, Klaus [DE/DE]; Am Eichelgarten 31, 90602 Pyrbaum (DE). LORENZ, Olaf [DE/DE]; Zum Birkenschlag 11, 90518 Altdorf (DE).

(74) BANZER, Hans-Jörg; Kraus & Weisert, Thomas-Wimmer-Ring 15, 80539 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D01F 9/22, H01G 9/058, H01M 4/86

(11) WO 2005/028719 (13) A1

(21) PCT/JP2004/013978

(22) 16 Sep/sep 2004 (16.09.2004)

(25) ja (26) ja

(30) 2003-327509 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FIBROUS ACTIVATED CARBON AND NONWOVEN FABRIC MADE OF SAME

• CARBONE ACTIVE DE FIBRES ET TISSU NON TISSE FABRIQUE A PARTIR DE CE CARBONE

(71) TEIJIN LIMITED [JP/JP]; 6-7, Minami-hommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 5410054 (JP).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) SAKURAI, Hiroshi [JP/JP]; c/o Teijin Limited, Iwakuni Research Center, 2-1, Hinode-cho, Iwakuni-shi, Yamaguchi 7400014 (JP). KITAHARA, Mai [JP/JP]; c/o Teijin Limited, Iwakuni Research Center, 2-1, Hinode-cho, Iwakuni-shi, Yamaguchi 7400014 (JP). HIRATA, Masumi [JP/JP]; c/o Teijin Limited, Iwakuni Research Center, 2-1, Hinode-cho, Iwakuni-shi, Yamaguchi 7400014 (JP). SAWAKI, Toru [JP/JP]; c/o Teijin Limited, Iwakuni Research Center, 2-1, Hinode-cho, Iwakuni-shi, Yamaguchi 7400014 (JP).
- (74) MIHARA, Hideko; c/o Teijin Intellectual Property Center Limited, 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 1000011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> D01H 5/72
- (11) WO 2005/028720 (13) A1
- (21) PCT/EP2004/008021
- (22) 17 Jul/juil 2004 (17.07.2004)
- (25) de (26) de
- (30) 103 44 009.7 15 Sep/sep 2003 DE (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DEVICE FOR MECHANICALLY CONDENSING AN ASSEMBLY OF FIBERS
- SYSTEME DE CONDENSATION MECANIQUE D'UN ENSEMBLE DE FIBRES
- (71) MASCHINENFABRIK RIETER AG [CH/CH]; Klosterstrasse 20, CH-8406 Winterthur (CH).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STAHLCKER, Gerd [DE/DE]; Auf der Ebene 30, 73054 Eisingen/Filz (DE).
- (74) PATENTANWÄLTE RUFF, WILHELM, BEIER, DAUSTER & PARTNER; Kronenstr. 30, 70174 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> D02G 3/36
- (11) WO 2005/028721 (13) A1
- (21) PCT/EP2004/052249
- (22) 20 Sep/sep 2004 (20.09.2004)
- (25) de (26) de
- (30) 103 44 163.8 22 Sep/sep 2003 DE (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND DEVICE FOR THE PRODUCTION OF CORE YARN OR CORE EFFECT YARN
- PROCEDE ET DISPOSITIF POUR PRODUIRE UN FIL A AME OU UN FIL A EFFET AME
- (71) CETEX INGENIEURGESELLSCHAFT FÜR MASCHINENBAU MBH [DE/DE]; Altchemnitzer Strasse 11, 09120 Chemnitz (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARTH, Johannes [DE/DE]; Heinrich-Zille-Strasse 10, 09577 Niederwiesa (DE). HEINRICH, Hans-Jürgen [DE/DE]; Goetheweg 50a, 09247 Chemnitz (DE). SPRÖD, Peter [DE/DE]; Yorckstrasse 63, 09130 Chemnitz (DE). VOIDEL, Peter [DE/DE]; Kleinhofweg 6, 09127 Chemnitz (DE).

- (74) GÜNTHER, Wolfgang; Cetex Chemnitzer Textilmaschinenentwicklung gGmbH, Altchemnitzer Strasse 11, 09120 Chemnitz (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US; (t) for the following

designation / pour la désignation suivante : US; (t) for the following designation / pour la désignation suivante : US; (t) for the following designation / pour la désignation suivante : US

- (51)<sup>7</sup> D02G 3/36
- (11) WO 2005/028722 (13) A1
- (21) PCT/US2004/030253
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 10/663,546 15 Sep/sep 2003 US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COMPOSITE TWIST CORE-SPUN YARN AND METHOD AND DEVICE FOR ITS PRODUCTION
- FIL COMPOSITE TORSADE A AME, PROCEDE ET DISPOSITIF POUR SA PRODUCTION
- (71) E.I. DUPONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BADER, Yves [FR/FR]; 15, rue de la Petite Combe, F-01710 Thoiry (FR).
- (74) GRIFFITHS, John, E.; E. I. Dupont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> D03C
- (11) WO 2005/028723 (13) A2
- (21) PCT/EP2004/010515
- (22) 19 Sep/sep 2004 (19.09.2004)
- (25) de (26) de
- (30) 103 43 713.4 20 Sep/sep 2003 DE (20.09.2003)
- (30) 103 53 437.7 15 Nov/nov 2003 DE (15.11.2003)
- (30) 10 2004 017 938.7 14 Apr/avr 2004 DE (14.04.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COUPLING METHOD FOR TEXTILE TECHNOLOGY
- PROCEDE D'ACCOUPLLEMENT UTILISE DANS LE DOMAINE DE LA TECHNIQUE TEXTILE
- (71) F.I.R.S.T. SPA [IT/IT]; Via Spiazzi, 52, I-24028 Ponte Nossa (IT).

- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PIEGELER, Gerhard** [DE/DE]; August-Macke-Weg 29, 42781 Haan (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **D03D 15/00, B32B 5/10, F41H 5/00, D04B 1/00**
- (11) **WO 2005/028724** (13) A2
- (21) PCT/US2003/017706
- (22) **5 Jun/juin 2003 (05.06.2003)**
- (25) en (26) en
- (30) 60/387,201 **7 Jun/juin 2002** US (07.06.2002)
- (30) 10/179,715 **25 Jun/juin 2002** US (25.06.2002)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **BI-DIRECTIONAL AND MULTI-AXIAL FABRICS AND FABRIC COMPOSITIONS**
- **TISSUS ET COMPOSITES DE TISSUS BIDIRECTIONNELS ET MULTIAxiaux**
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) **BHATNAGAR, Ashok**; 3230 Castlebury Drive, Chester, VA 23831 (US). **PARRISH, Elizabeth, S.**; 602 Kenbridge Road, Blackstone, VA 23824 (US).
- (74) **CRISS, Roger, H. et al.** / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **D03D 15/00**
- (11) **WO 2005/028725** (13) A1
- (21) PCT/US2004/030306
- (22) **16 Sep/sep 2004 (16.09.2004)**
- (25) en (26) en
- (30) 60/503,203 **16 Sep/sep 2003** US (16.09.2003)
- (30) 50/503,254 **16 Sep/sep 2003** US (16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **WOVEN PRODUCT EXHIBITING DURABLE ARC FLASH PROTECTION AND THE ARTICLES THEREOF**
- **PRODUIT TISSE POSSEDANT UNE PROTECTION DURABLE CONTRE UNE ETINCELLE D'ARC ET ARTICLES ASSOCIES**
- (71) **POLYMER GROUP, INC.** [US/US]; 4055 Faber Place Drive, Suite 201, North Charleston, SC 29405 (US).
- (72) **LAPIERRE, François**; 1880 Turgeon, Brossard, Quebec J4W 3H5 (CA).
- (74) **GEIMER, Stephen, D.**; Wood, Phillips, Katz, Clark & Mortimer, 500 West Madison Street, Suite 3800, Chicago, IL 60661 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **D04B 15/60**
- (11) **WO 2005/028726** (13) A1
- (21) PCT/JP2004/013624
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) ja (26) ja
- (30) 2003-327759 **19 Sep/sep 2003** JP (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **DEVICE AND METHOD FOR PROCESSING END YARN OF WEFT KNITTING MACHINE**
- **DISPOSITIF ET PROCEDE DESTINES A TRAITER UN FIL D'EXTREMITÉ D'UNE MACHINE DE TRICOTAGE TRAME**
- (71) **SHIMA SEIKI MANUFACTURING LIMITED** [JP/JP]; 85, Sakata, Wakayama-shi, Wakayama, 6418511 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAEDA, Hiroshi** [JP/JP]; c/o SHIMA SEIKI MANUFACTURING LIMITED, 85, Sakata, Wakayama-shi, Wakayama, 6418511 (JP).
- (74) **SAIKYO, Keiichiro et al.** / etc.; Shikishima Building, 2-6, Bingomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5410051 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **D04H 1/42, 1/72**
- (11) **WO 2005/028727** (13) A1
- (21) PCT/JP2004/013509
- (22) **16 Sep/sep 2004 (16.09.2004)**
- (25) ja (26) ja
- (30) 2003-330404 **22 Sep/sep 2003** JP (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **ALUMINA FIBER AGGREGATE AND RETAINER FOR CATALYTIC CONVERTER COMPRISING THE SAME**
- **AGREGAT DE FIBRES D'ALUMINE, ET RETENITEUR POUR CONVERTISSEUR CATALYTIQUE COMPRENANT CET AGREGAT**
- (71) **MITSUBISHI CHEMICAL FUNCTIONAL PRODUCTS, INC.** [JP/JP]; 8-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo, 1000005 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAKIKURA, Eisaku** [JP/JP]; c/o MITSUBISHI CHEMICAL FUNCTIONAL PRODUCTS, INC., 1, Fukuda-cho, Joetsu-shi, Niigata, 9428611 (JP).
- SASAKI, Toshiaki** [JP/JP]; c/o MITSUBISHI CHEMICAL FUNCTIONAL PRODUCTS, INC., 1, Fukuda-cho, Joetsu-shi, Niigata, 9428611 (JP).
- (74) **OKADA, Kazuhiko**; Okada & Associates, 6F, Kudan Kangyo Bldg., 10-1, Kudan-Kita 1-chome, Chiyoda-ku, Tokyo, 1020073 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **D04H 1/46, 13/00**
- (11) **WO 2005/028728** (13) A2
- (21) PCT/FR2004/002327
- (22) **14 Sep/sep 2004 (14.09.2004)**
- (25) fr (26) fr
- (30) 0310974 **18 Sep/sep 2003** FR (18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)

(54) • MACHINE FOR FORMING A PATTERNS ON NON-WOVEN CLOTH AND METHOD FOR PRODUCING AN APRON THEREFOR

• MACHINE DE FORMATION DE MOTIFS SUR UN NON -TISSE ET PROCEDE DE FABRICATION D'UN MANCHON POUR CETTE MACHINE.

(71) RIETER PERFOJET [FR/FR]; ZA Pré-Millet, F-38330 MONTBONNOT (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NOELLE, Frédéric [FR/FR]; 91 Chemin du Piat, F-38330 SAINT NAZAIRE LES EYMES (FR).

(74) EIDELBERG, Albert? et al. / etc.; 22 Avenue de Friedland, F-75008 PARIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D06B 11/00, B41J 3/407, 11/00

(11) WO 2005/028729 (13) A2

(21) PCT/EP2004/010731

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 1024338 22 Sep/sep 2003 NL (22.09.2003)

(30) PCT/NL03/00841 28 Nov/nov 2003 NL (28.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND DEVICE FOR DIGITALLY COATING TEXTILE

• PROCEDE ET DISPOSITIF POUR ENDUCTION NUMERIQUE D'UN TEXTILE

(71) TEN CATE ADVANCED TEXTILES B.V. [NL/NL]; Campbellweg 30, NL-7443 PV Nijverdal (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CRAAMER, J.,A. [NL/NL]; De Kampen 48, NL-6943 HE Meppel (NL).

(74) CLARKSON, Paul; Howrey Simon Arnold & White, CityPoint, One Ropemaker Street, London EC2Y 9HS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> D06B 11/00, B41J 11/00

(11) WO 2005/028730 (13) A1

(21) PCT/EP2004/010732

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 1024338 22 Sep/sep 2003 NL (22.09.2003)

(30) PCT/NL03/00841 28 Nov/nov 2003 NL (28.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND DEVICE FOR DIGITALLY UPGRADING TEXTILE

• PROCEDE ET DISPOSITIF D'AMELIORATION NUMERIQUE DES TEXTILES

(71) TEN CATE ADVANCED TEXTILES B.V. [NL/NL]; Campbellweg 30, NL-7443 PV Nijverdal (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CRAAMER, Johannes, Antonius [NL/NL]; De Kampen 48, NL-6943 HE Meppel (NL).

(74) CLARKSON, Paul; Howrey Simon Arnold & White, CityPoint, One Ropemaker Street, London EC2Y 9HS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> D06B 11/00, B41J 11/00, D06B 19/00

(11) WO 2005/028731 (13) A1

(21) PCT/NL2003/000841

(22) 28 Nov/nov 2003 (28.11.2003)

(25) nl (26) en

(30) 1024338 22 Sep/sep 2003 NL (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND DEVICE FOR DIGITALLY UPGRADING TEXTILE

• PROCEDE ET DISPOSITIF POUR AMELIORER UNE MATIERE TEXTILE PAR PROCEDE NUMERIQUE

(71) TEN CATE ADVANCED TEXTILES B.V. [NL/NL]; Campbellweg 30, NL-7443 PV Nijverdal (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CRAAMER, Johannes, Antonius [NL/NL]; De Kampen 48, NL-6943 HE Meppel (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> D06C 3/02

(11) WO 2005/028732 (13) A1

(21) PCT/CH2004/000588

(22) 17 Sep/sep 2004 (17.09.2004)

(25) de (26) de

(30) 1609/03 19 Sep/sep 2003 CH (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR PREVENTING CURLING OF THE EDGES OF TEXTILE WEBS AND TENTER FRAME FOR CARRYING OUT SAID METHOD

- PROCÉDE POUR ÉVITER L'ENROULEMENT DES BORDS DE BANDES DE MATÉRIEAUX TEXTILES ET RAME SERVANT À LA MISE EN ŒUVRE DUDIT PROCÉDE

(71) STRAHM TEXTILE SYSTEMS AG [CH/CH]; Weiernstrasse 20, CH-8355 Aadorf (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STRAHM, Christian [CH/CH]; Föhrenbergstrasse 16, CH-8355 Aadorf (CH).

(74) GACHNANG, Hans, Rudolf; Badstrasse 5, Postfach 323, CH-8501 Frauenfeld (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> D06C 7/02

(11) WO 2005/028733 (13) A1

(21) PCT/DE2004/001992

(22) 8 Sep/sep 2004 (08.09.2004)

(25) de (26) de

(30) 103 43 407.0 19 Sep/sep 2003 DE (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NOZZLE BLOWING CASE OF A TENTER FRAME

- CAISSE DE SOUFFLAGE PAR TUYÈRES POUR RAME

(71) A. MONFORTS TEXTILMASCHINEN GMBH &amp; CO. KG [DE/DE]; Schwalmstrasse 301, 41238 Mönchengladbach (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN WERSCH, Kurt [DE/DE]; Hölderlinstrasse 21, 41844 Wegberg (DE). SIEBEN, Norbert [DE/DE]; Palandweg 18, 41238 Mönchengladbach (DE).

(74) VON CREYTZ, Dietrich; Tannenweg 25, 41844 Wegberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM

TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> D06F

(11) WO 2005/028734 (13) A2

(21) PCT/EP2004/009453

(22) 24 Aug/août 2004 (24.08.2004)

(25) de (26) de

(30) 103 39 698.5 28 Aug/août 2003 DE (28.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE FOR PRESSING ITEMS OF CLOTHING, COMPRISING A TENSIONING DEVICE FOR FIXING THE ITEM OF CLOTHING

- DISPOSITIF DE REPASSAGE DE VÊTEMENTS COMPORTANT UN DISPOSITIF D'ÉTIRAGE DESTINÉ À LA FIXATION DU VÊTEMENT

(71) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH [DE/DE]; Carl-Wery-Str. 34, 81739 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) URICH, Bodo [DE/DE]; Filehner Str. 67, 12555 Berlin (DE). GRUNERT, Klaus [DE/DE]; Donnersmarckallee 11a, 13465 Berlin (DE).

(74) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH; Carl-Wery-Str. 34, 81739 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> D06F 17/10

(11) WO 2005/028735 (13) A1

(21) PCT/JP2004/013545

(22) 16 Sep/sep 2004 (16.09.2004)

(25) ja (26) ja

(30) 2003-327112 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRIC WASHING MACHINE AND ELECTRIC WASHING MACHINE WITH DRYING FUNCTION

- MACHINE À LAVER ÉLECTRIQUE ET MACHINE À LAVER ÉLECTRIQUE À FONCTION DE SÈCHAGE

(71) HITACHI HOME &amp; LIFE SOLUTIONS, INC. [JP/JP]; 15-12, Nishi Shinbashi 2-chome, Minato-ku, Tokyo, 1058430 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIYANO, Yuzuru [JP/JP]; c/o Taga Division, Hitachi Home &amp; Life Solutions, Inc., 1-1, Higashitagacho 1-chome, Hitachi-shi, Ibaraki, 3168502 (JP). KOIKE, Toshifumi [JP/JP]; c/o Mechanical Engineering Research Laboratory, HITACHI, LTD., 502, Kandatsumachi, Tsuchiura-shi, Ibaraki, 3000013 (JP). YOSHIDA, Tetsushi [JP/JP]; c/o Taga Division, Hitachi Home &amp; Life Solutions, Inc., 1-1, Higashitagacho 1-chome, Hitachi-shi, Ibaraki, 3168502 (JP). MORITA, Shinichi [JP/JP]; c/o Design Division, HITACHI, LTD., 280, Higashikoigakubo 1-chome, Kokubunji-shi, Tokyo, 1858601 (JP). URUSHIHARA, Atsuhiko [JP/JP]; c/o Design Division, HITACHI, LTD., 280, Higashikoigakubo 1-chome, Kokubunji-shi, Tokyo, 1858601 (JP).

(74) ASAMURA, Kiyoshi et al. / etc.; Room 331, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo, 1000004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D06F 73/00

(11) WO 2005/028736 (13) A1

(21) PCT/EP2004/009317

(22) 19 Aug/août 2004 (19.08.2004)

(25) de (26) de

(30) 103 39 662.4 28 Aug/août 2003 DE (28.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND DEVICE FOR PRESSING ITEMS OF GARMENT BY MEANS OF AN AIR CURRENT THAT CAN BE HEATED UP

- PROCEDE ET DISPOSITIF POUR LISSEZ DES ARTICLES VESTIMENTAIRES AU MOYEN D'UN COURANT D'AIR CHAUD

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Carl-Wery-Str. 34, 81739 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAMRATH, Joachim** [DE/DE]; Raiffeisenstr. 7, 89429 Bachhagel (DE). **SPIELMANNLEITNER, Markus** [DE/DE]; Rosenberger Str. 49, 73479 Ellwangen (DE). **WETZL, Gerhard** [DE/DE]; Hohweierstr. 15, 89567 Sontheim (DE). **HAFER, Christian** [DE/DE]; Taubensteinweg 8, 85435 Erding (DE). **GRUNERT, Klaus** [DE/DE]; Donnersmarckallee 11a, 13465 Berlin (DE).

(74) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH**; Carl-Wery-Str. 34, 81739 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> **D06F 73/00, 71/20, 71/40**

(11) **WO 2005/028737** (13) A1

(21) PCT/EP2004/009370

(22) **20 Aug/août 2004 (20.08.2004)**

(25) de (26) de

(30) 103 39 736.1 **28 Aug/août 2003 DE (28.08.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE FOR PRESSING ITEMS OF CLOTHING, COMPRISING TENSIONING BODIES FOR FIXING SAID ITEMS OF CLOTHING

- DISPOSITIF POUR LISSER DES VETEMENTS, COMPORTANT DES CORPS DE TENSION SERVANT A BLOQUER LE VETEMENT

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Carl-Wery-Str. 34, 81739 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAMRATH, Joachim** [DE/DE]; Raiffeisenstr. 7, 89429 Bachhagel (DE). **SPIELMANNLEITNER, Markus** [DE/DE]; Rosenberger Str. 49, 73479 Ellwangen (DE). **WETZL, Gerhard** [DE/DE]; Hohweierstr. 15, 89567 Sontheim (DE). **GRUNERT, Klaus** [DE/DE]; Donnersmarckallee 11a, 13465 Berlin (DE).

(74) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH**; Carl-Wery-Str. 34, 81739 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> **D06F 73/00, 71/20**

(11) **WO 2005/028738** (13) A1

(21) PCT/EP2004/009413

(22) **23 Aug/août 2004 (23.08.2004)**

(25) de (26) de

(30) 10339724.8 **28 Aug/août 2003 DE (28.08.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE FOR PRESSING ITEMS OF GARMENT BY MEANS OF A FLEXIBLE INFLATABLE BODY

- DISPOSITIF POUR LISSER DES ARTICLES VESTIMENTAIRES POURVU D'UN CORPS GONFLANT SOUPLE

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Carl-Wery-Str. 34, 81739 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOFFMANN, Katrin** [DE/DE]; Zillertaler Str. 39, 16341 Schwanebeck (DE). **KNISPEL, Kristina** [DE/DE]; Landsbergerallee 180A, 10369 Berlin (DE). **REDLIN, Kathrin** [DE/DE]; Haeselerstr. 17k, 14050 Berlin (DE).

(74) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH**; Carl-Wery-Str. 34, 81739 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> **D06F 73/00, 71/22**

(11) **WO 2005/028739** (13) A1

(21) PCT/EP2004/009454

(22) **24 Aug/août 2004 (24.08.2004)**

(25) de (26) de

(30) 103 39 700.0 **28 Aug/août 2003 DE (28.08.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE FOR PRESSING ITEMS OF CLOTHING, COMPRISING A FLEXIBLE INFLATABLE BODY AND A TENSIONING DEVICE

- DISPOSITIF DE REPASSAGE DE VETEMENTS COMPORTANT UN CORPS GONFLANT FLEXIBLE ET UN DISPOSITIF D'ETIRAGE

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Carl-Wery-Str. 34, 81739 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REDLIN, Kathrin** [DE/DE]; Haeselerstr. 17k, 14050 Berlin (DE).

(74) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH**; Carl-Wery-Str. 34, 81739 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.



(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> D06M 13/11, 13/148, 11/09

(11) WO 2005/028740 (13) A2

(21) PCT/US2004/019015

(22) 16 Jun/juin 2004 (16.06.2004)

(25) en (26) en

(30) 60/478,936 16 Jun/juin 2003 US (16.06.2003)

(30) 60/490,556 28 Jul/juil 2003 US (28.07.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SIDEWALL FUNCTIONALIZATION OF CARBON NANOTUBES WITH HYDROXYL-TERMINATED MOIETIES  
• FONCTIONNALISATION DES PAROIS LATÉRALES DE NANOTUBES DE CARBONE A L'AIDE DE FRACTIONS A TERMINAISON HYDROXYLE

(71) WILLIAM MARSH RICE UNIVERSITY [US/US]; 6100 Main Street, Houston, TX 77005 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) MARGRAVE, Mary Lou (legal representative of the deceased inventor / représentante légale de l'inventeur décédé) (only for / seulement pour US)

(72) MARGRAVE, John, L. (deceased / décédé).

(72, 75) KHABASHESKU, Valery, N. [US/US]; 2421-B Dorrington Street, Houston, TX 77030 (US). ZHANG, Lei [CN/US]; 2209 S. Braeswood, No. 31J, Houston, TX 77030 (US).

(74) GARSSON, Ross Spencer et al. / etc.; WINSTEAD SECHREST & MINICK P.C., P.O. Box 50784, Dallas, TX 75201-0784 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> D06M 14/18, 10/02, 14/20, B05D 7/24, C23C 16/452

(11) WO 2005/028741 (13) A1

(21) PCT/GB2004/003903

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 60/504,047 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FIBROUS PRODUCTS AND METHODS OF MAKING AND USING THEM

• PRODUITS FIBREUX ET PROCÉDES DE FABRICATION ET D'UTILISATION DE CES PRODUITS

(71) SURFACE INNOVATIONS LIMITED [GB/GB]; Redgate House, Wolsingham, County Durham DL13 3HH (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BADYAL, Jas, Pal [GB/GB]; Redgate House, Wolsingham, County Durham DL13 3HH (GB). WARD, Luke [GB/GB]; 80 Hallgarth Street, Durham DH1 3AY (GB). YORK, David, William [GB/GB]; 10 Ladywell Way, Ponteland, Newcastle upon Tyne NE20 9TB (GB). BROOKER, Alan, Thomas [GB/GB]; 3 Flaxby Close, Gosforth, Newcastle upon Tyne NE3 5LP (GB). SUMMERS, Shirley [GB/GB]; 122 Bede Close, Holystone, Tyne & Wear NE12 9SN (GB). CROWTHER, Johathan, Mark [GB/GB]; Luddington House, Stroude Road, Egham., Surey TW20 9UZ (GB). ROBERTS, Nigel, Patrick, Somerville [GB/GB]; 3 The Cloggs, Ponteland, Newcastle upon Tyne NE20 9UJ (GB). YATES, Adam, Thomas [GB/GB]; The Old Boys School, Carrshield Northumberland NE47 8AA (GB). DATTA, Saswati [US/US]; 11636 Plumhill Lane, Cincinnati, OH 45249 (US).

(74) BAILEY WALSH & CO LLP; 5 York Place, Leeds LS1 2SD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D06N 7/00, A47G 27/04, B32B 27/10, 5/18

(11) WO 2005/028742 (13) A1

(21) PCT/NL2004/000570

(22) 13 Aug/août 2004 (13.08.2004)

(25) nl (26) en

(30) 1024163 26 Aug/août 2003 NL (26.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CARPET UNDERLAY AND METHOD FOR LAYING FLOOR COVERING USING THE SAME

• THIBAUBE ET PROCÉDE POUR APPLIQUER UN REVÊTEMENT POUR SOL COMPRENANT CELLE-CI

(71) ESTILLON B.V. [NL/NL]; Bijsterhuizen 2219, NL-6604 LC Wijchen (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOSVELD, Richard, Patrick [NL/NL]; Hoenderweg 5, NL-5406 NL Uden (NL). VAN BREE, Josephus, Henricus, Martinus [NL/NL]; Velderwoude 62, NL-5221 PC 's-Hertogenbosch (NL).

(74) DOHMEN, Johannes, Maria, Gerardus et al. / etc.; Algemeen Octrooi- en Merkenbureau, P.O. Box 645, NL-5600 AP Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D21C 9/02

(11) WO 2005/028743 (13) A1

(21) PCT/JP2003/011870

(22) 18 Sep/sep 2003 (18.09.2003)

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BLACK LIQUOR EXTRACTING METHOD IN MANUFACTURING STRAW PULP

• PROCÉDE D'EXTRACTION DE LIQUEUR NOIRE LORS DE LA FABRICATION DE LA PATE DE PAILLE

(71) HITACHI ZOSEN CORPORATION [JP/JP]; 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8559 (JP).

(72) OTSUBA, Eiji; c/o Hitachi Zosen Corporation, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8559 (JP). UEDA, Kiyohisa; c/o Hitachi Zosen Corporation, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8559 (JP). IKEDA, Minoru; c/o Hitachi Zosen Corporation, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8559 (JP).

(74) HIBI, Norihiko et al. / etc.; c/o Kishimoto & Co., 3rd Floor, Inaba Building, 13-18,

- Nishishinsaibashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).
- (81) CN.
- 
- (51)<sup>7</sup> **D21C 9/16, C08B 1/00, D21B 1/14, D21H 11/16**
- (11) **WO 2005/028744** (13) A1
- (21) PCT/IB2004/003080
- (22) **22 Sep/sep 2004 (22.09.2004)**
- (25) en (26) en
- (30) 10/668,387 **23 Sep/sep 2003 US (23.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CHEMICAL ACTIVATION AND REFINING OF SOUTHERN PINE KRAFT FIBERS  
• ACTIVATION CHIMIQUE ET RAFFINAGE DE PATE KRAFT DE PINS DU SUD
- (71) INTERNATIONAL PAPER COMPANY [US/US]; 400 Atlantic Street, Stamford, CT 06921 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) TAN, Zheng; c/o International Paper Company, 400 Atlantic Street, Stamford, CT 06921 (US). NGUYEN, Xuan; c/o International Paper Company, 400 Atlantic Street, Stamford, CT 06921 (US). MAURER, Karen, L.; c/o International Paper Company, 400 Atlantic Street, Stamford, CT 06921 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **D21F 1/32, B08B 3/02, B05B 3/04**
- (11) **WO 2005/028746** (13) A1
- (21) PCT/KR2003/001964
- (22) **25 Sep/sep 2003 (25.09.2003)**
- (25) ko (26) en
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CANVAS CLEANING APPARATUS FOR USE IN PAPER MILL  
• APPAREIL DE NETTOYAGE DE TOILE UTILISE DANS UNE PAPETERIE
- (71, 72) CHOI, Kwan-Yong [KR/KR]; Daelim Apt. 101-401, 702-22, Chojeon-Dong., Jinju-City, Kyungnam, 660-986 (KR).
- (74) LEE, Joong-Seop; Lawin Tower 301, 1497-1, Geoje-1dong, Yeonje-gu, Pusan 611-071 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BR BZ CA CN CO CR CU DM DZ EC GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX MZ NO NZ OM PH PL RO SC SG SL TN TR TZ UA US UZ VC VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **D21F 1/66**
- (11) **WO 2005/028747** (13) A1
- (21) PCT/FI2004/000549
- (22) **20 Sep/sep 2004 (20.09.2004)**
- (25) fi (26) en
- (30) 20031376 **24 Sep/sep 2003 FI (24.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR MAKING A LAYERED PAPER OR BOARD WEB  
• PROCEDE PERMETTANT DE PRODUIRE DU PAPIER OU UNE BANDE DE CARTON EN COUCHES
- (71) METSO PAPER, INC. [FI/FI]; Fabianinkatu 9 A, FI-00130 HELSINKI (FI).
- 
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BERGDAHL, Anders [SE/SE]; Påskvägen 15, S-863 34 Sundsbruk (SE). LINDSTRÖM, Lars-Åke [SE/SE]; Svedjegatan 26, S-856 43 Sundsvall (SE).
- (74) HAGSTRÖM, Leif et al; Bergenstråhle & Lindvall AB, P.O Box 17704, S-118 93 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **D21F 3/00**
- (11) **WO 2005/028748** (13) A1
- (21) PCT/JP2004/013327
- (22) **13 Sep/sep 2004 (13.09.2004)**
- (25) ja (26) ja
- (30) 2003-331764 **24 Sep/sep 2003 JP (24.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PRESS BELT AND SHOE PRESS ROLL  
• COURROIE A PRESSION ET ROULEAU-PRESSEUR A PATIN
- (71) YAMAUCHI CORPORATION [JP/JP]; 7, Shodai-tajika 2-chome, Hirakata-shi, Osaka, 5731132 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HIKITA, Takahisa [JP/JP]; c/o YAMAUCHI CORPORATION, 7, Shodai-tajika 2-chome, Hirakata-shi, Osaka, 5731132 (JP).
- (74) ITOH, Hidehiko et al. / etc.; IMY INTERNATIONAL PATENT OFFICE, Kyowa Shimanouchi Bldg., 21-19, Shimanouchi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5420082 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **D21H 21/30, D06L 3/12, C11D 3/42**
- (11) **WO 2005/028749** (13) A1
- (21) PCT/EP2004/052119

- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) en (26) en
- (30) 03103454.9 19 Sep/sep 2003 EP  
(19.09.2003)
- (30) 04100396.3 4 Feb/fév 2004 EP  
(04.02.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • AQUEOUS SOLUTIONS OF FLUORESCENT WHITENING AGENTS  
• SOLUTIONS AQUEUSES D'AGENTS BLANCHISSANTS FLUORESCENTS
- (71) CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TRABER, Rainer Hans [DE/CH]; Im Stockacker 26, CH-4153 Reinach (CH). DEISENROTH, Ted [US/US]; 32 Barnview Terrace, Brookfield, CT 06804 (US). GALLE, Sandra [DE/DE]; Obere Schanzstrasse 9, 79576 Weil am Rhein (DE). DBALY, Helena [CH/CH]; Stettbrunnenweg 92, CH-4132 Muttenz (CH).
- (74) CIBA SPECIALTY CHEMICALS HOLDING INC.; Patent Department, Klybeckstrasse 141, CH-4057 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> D21H 23/48
- (11) WO 2005/028750 (13) A1
- (21) PCT/EP2004/052146
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) de (26) de
- (30) 103 43 021.0 16 Sep/sep 2003 DE  
(16.09.2003)
- (30) 10 2004 002 207.0 15 Jan/jan 2004 DE  
(15.01.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND DEVICE FOR PRODUCING DECORATIVE PAPER AND THE USE THEREOF  
• PROCÉDE ET DISPOSITIF DE FABRICATION D'UN PAPIER DÉCORATIF, ET UTILISATION DE CE PAPIER
- (71) VOITH PAPER PATENT GMBH [DE/DE]; Sankt Pöltener Strasse 43, 89522 Heidenheim (DE). PAPIERFABRIK AUGUST KOEHLER AG [DE/DE]; Hauptstr. 2-4, 77704 Oberkirch (DE).  
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) HENNINGER, Christoph [DE/DE]; Germanenstr. 144, 89522 Heidenheim (DE). TIETZ, Martin [DE/DE]; Weidenweg 21, 89520 Heidenheim (DE). FÄTHKE, Volker [DE/DE]; Reinhold-Schneider-Str. 7, 40595 Düsseldorf (DE). REICH, Stefan [DE/DE]; Theodor-Schäfer-Str. 11, 89522 Heidenheim (DE). FRÖHLICH, Uwe [DE/DE]; Kirchgasse 19, 89129 Langenau (DE). BAUSCH, Gerold [DE/DE]; Burlacher Str. 27b, 76275 Ettlingen (DE). NINK, Gunter [DE/DE]; Nesselrieder Str. 2, 77767 Appenweier (DE). SESTER, Albert [DE/DE]; Oberdorfstr. 7, 77704 Oberkirch (DE). WEIL, Rolf [DE/DE]; Renchener Str. 47, 77704 Oberkirch (DE). GRAINER, Nikolaus [DE/DE]; Heinrich-Schuele-Str. 7, 77855 Achern (DE).
- (74) VOITH PAPER PATENT GMBH; Sankt Pöltener Strasse 43, 89522 Heidenheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> D21H 23/72

- (11) WO 2005/028751 (13) A1
- (21) PCT/FI2004/000556
- (22) 21 Sep/sep 2004 (21.09.2004)
- (25) fi (26) en
- (30) 20031362 22 Sep/sep 2003 FI  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • METHOD FOR PRODUCING SURFACE SIZED PAPER OR CARDBOARD WEB  
• PROCÉDE POUR PRODUIRE UNE BANDE DE PAPIER OU DE CARTON ENCOLLÉE EN SURFACE

(71) METSO PAPER, INC. [FI/FI]; Fabianinkatu 9 A, FI-00130 Helsinki (FI).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANGAS, Jussi [FI/FI]; Naavankiarto 10 C 12, FI-04300 Tuusula (FI). HAVUKAINEN, Robert [FI/FI]; Haapakallionkuja 1 D 13, FI-05460 Hyvinkää (FI). RANTANEN, Rauno [FI/FI]; Oksalanmäki, FI-40950 Muurala (FI).

(74) SEPPO LAINE OY; Itämerenkatu 3 B, FI-00180 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D21J 1/00, 1/06, 1/08, 1/12, 1/04

- (11) WO 2005/028752 (13) A1
- (21) PCT/CA2004/001679
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 10/666,266 22 Sep/sep 2003 US  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)

- (54) • LIGNOCELLULOSE FIBER-RESIN COMPOSITE MATERIAL  
• MATIÈRE COMPOSITE EN FIBRE DE LIGNOCELLULOSE-RESINE

(71) TEMBEC INDUSTRIES INC. [CA/CA]; 800 Rene-Levesque Blvd. West, Suite 1050, Montreal, Quebec H3B 1X9 (CA).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCOBIE, Michael, A., N. [CA/CA]; 690 Chemin de la Gravière, Tee Lake, Quebec J0Z 3P0 (CA).

(74) C. BRIAN BARLOW & ASSOCIATES; 627 Lyons Lane, Suite 204, Oakville, Ontario L6J 5Z7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> E01C 11/16

- (11) WO 2005/028753 (13) A1
- (21) PCT/US2004/030598
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 10/664,760 17 Sep/sep 2003 US  
(17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)

- (54) • SUPPORT FOR CONCRETE REINFORCING MEMBERS  
• SUPPORT POUR ÉLÉMENTS D'ARMATURE DE BETON

(71, 72) HARRIS, Terry, L. [US/US]; 9121 Millertown Pike, Mascot, TN 37806 (US).

(74) CROCKETT, Mark, P.; Luedeka, Neely & Graham, P.C., P.O. Box 1871, Knoxville, TN 37901 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)<sup>7</sup> E01C 19/05, 19/10, B28C 5/42

(11) WO 2005/028754 (13) A1

(21) PCT/JP2003/011826

(22) 17 Sep/sep 2003 (17.09.2003)

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DIAGONALLY MOVING HEATING DEVICE, AND FIELD HEATING AND TREATING SYSTEM FOR HEATED OBJECT

• DISPOSITIF DE CHAUFFAGE SE DEPLACANT EN DIAGONALE, ET SYSTEME DE TRAITEMENT ET DE CHAUFFAGE DE ZONE POUR UN OBJET CHAUFFE

(71) TANAKA GIKEN CO., LTD [JP/JP]; 44-4, Hakaridani-cho, Katagihara, Nishikyo-ku, Kyoto City, Kyoto 615-8158 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TANAKA, Shigehiro [JP/JP]; c/o TANAKA GIKEN CO., LTD., 44-4, Hakaridani-cho, Katagihara, Nishikyo-ku, Kyoto City, Kyoto 615-8158 (JP).

(74) NISHI, Yoshihisa; Nishi International Patent Office, Ohmura Bldg, 5-6, Shimbashi 2-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E01C 19/28, E02D 3/046, 3/046

(11) WO 2005/028755 (13) A1

(21) PCT/CH2004/000592

(22) 20 Sep/sep 2004 (20.09.2004)

(25) de (26) de

(30) 03405688.7 19 Sep/sep 2003 EP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DETERMINATION OF SOIL RIGIDITY VALUES

• DETERMINATION DE VALEURS DE RIGIDITE DU SOL

(71) AMMANN AUFBEREITUNG AG [CH/CH]; Eisenbahnstrasse 25, CH-4901 Langenthal (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANDEREGG, Roland [CH/CH]; Im Kleinholz 67, CH-4600 Olten (CH). VON FELTEN, Dominik [CH/CH]; Jurastrasse 7, CH-5000 Aarau (CH).

(74) ROSHARDT, Werner, A., et al. / etc.; Keller & Partner Patentanwälte AG, Schmiedenplatz 5, Postfach, CH-3000 Bern 7 (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E01C 19/46

(11) WO 2005/028756 (13) A2

(21) PCT/FR2004/050444

(22) 17 Sep/sep 2004 (17.09.2004)

(25) fr (26) fr

(30) 0350579 19 Sep/sep 2003 FR (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR COLD PRODUCTION OF A BITUMINOUS COATING AND CORRESPONDING DEVICE

• PROCEDE DE FABRICATION D'UN ENROBE BITUMINEUX A FROID ET DISPOSITIF

(71) SCREG GRANDS TRAVAUX [FR/FR]; 2, rue Virginie Mauvais, F-54000 NANCY (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAHÉ DE LA VILLEGLÉ, Bernard [FR/FR]; 19 rue Ronsard, F-44100 NANTES (FR).

(74) CATHERINE, Alain et al. / etc.; C/O Cabinet Harle et Phelip, 7 rue de Madrid, F-75008 PARIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> E01F 15/02

(11) WO 2005/028757 (13) A1

(21) PCT/NZ2004/000227

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

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(30) 534826 20 Aug/août 2004 NZ (20.08.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GUARDRAIL

• GLISSIERE DE SECURITE

(71) ARMORFLEX LIMITED [NZ/NZ]; 8 Paul Matthews Road, North Harbour, Auckland 1311 (NZ).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JAMES, Dallas [NZ/NZ]; 63B Langana Drive, Browns Bay, North Harbour, Auckland 1311 (NZ).

(74) WILSON, Kathryn, S. et al. / etc.; Level 9, James & Wells Tower, 56 Cawley Street, Private Bag, 11907 Auckland (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E02D 7/06, 7/08

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(21) PCT/NZ2004/000223

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 528332 22 Sep/sep 2003 NZ (22.09.2003)

(30) 528332 20 Aug/août 2004 NZ (20.08.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRIC POST DRIVER

• SONNETTE ELECTRIQUE POUR PIEUX

(71) RAMET LIMITED [NZ/NZ]; Level 11, Tower One, Shortland Street Centre, 51-53 Shortland Street, Auckland (NZ).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KENNETT, David [NZ/NZ]; P O Box 24-422, Royal Oak, Auckland (NZ).

(74) ADAMS, Matthew, D et al. / etc.; A J Park, 6th Floor Huddart Parker Building, PO Box 949, Wellington, 6015 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E02D 27/48, 5/28

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(21) PCT/IT2003/000568

(22) 24 Sep/sep 2003 (24.09.2003)

(25) it (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF CONSTRUCTING A PILE FOUNDATION  
• PROCEDE POUR CONSTRUIRE UNE FONDATION SUR PILOTIS

(71) SO.L.E.S. - SOCIETÀ LAVORI EDILI E SERBATOI S.P.A. [IT/IT]; Via Gramadora, 5, Villa Selva, I-47100 Forlì (IT).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COLLINA, Vincenzo [IT/IT]; Via Scaletta, 4, I-47100 Villagrappa (IT). ZAGO, Roberto [IT/IT]; Via Mascagni, 8, I-38068 Rovereto (IT). ZAMBIANCHI, Lamberto [IT/IT]; Via dei Prati, 1, I-47010 Villafranca (IT).

(74) JORIO, Paolo et al. / etc.; C/o Studio Torta S.r.l., Via Viotti, 9, 10121 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E03B

(11) WO 2005/028760 (13) A2

(21) PCT/US2004/030596

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,140 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPARATUS AND METHOD FOR CONNECTING WATER TREATMENT DEVICES

• DISPOSITIF ET PROCEDE DE RACCORDEMENT D'UNITES DE TRAITEMENT DE L'EAU

(71) USFILTER CORPORATION [US/US]; 181 Thorn Hill Road, Warrendale, PA 15086 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIANG, Li-Shiang [US/US]; 258 Bolton Road, Harvard, MA 01451 (US). MONTMINY, Emile, O. [US/US]; 76 East Avenue, Lowell, MA 01851 (US).

(74) FINCH, Stephen, R.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E03B 3/03

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(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

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(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AGRICULTURAL MODULE AND SYSTEM

• SYSTEME ET MODULE AGRICOLES

(71) REVEO, INC. [US/US]; 3 Westchester Plaza, Elmsford, NY 10523 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SADEG, Faris, M. [US/US]; 24 Pocantico River Road, Pleasantville, NY 10523 (US).

(74) CRISPINO, Ralph, J.; Reveo, Inc., 3 Westchester Plaza, Elmsford, NY 10523 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04B

(11) WO 2005/028762 (13) A2

(21) PCT/US2004/029238

(22) 8 Sep/sep 2004 (08.09.2004)

(25) en (26) en

(30) 60/503,071 14 Sep/sep 2003 US (14.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ROTATIONAL METHOD AND APPARATUS FOR WELDING BEAM-MOUNT STRUCTURE TO THE SIDE(S) OF A COLUMN

• PROCEDE ET DISPOSITIF ROTATIFS POUR SOUDER UNE STRUCTURE DE SUPPORT DE POUTRE AU(X) COTE(S) D'UNE COLONNE

(71, 72) SIMMONS, Robert, J. [US/US]; 1675 Sabre Street, Hayward, CA 94545 (US).

(74) DICKINSON, Jon, M., P.C.; 8015 SE 31st Avenue, Portland, OR 97202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04B

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(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LONG-SPAN TRANSITION BEAM  
• POUTRE INTERMEDIAIRE A LONGUE PORTEE

(71, 72) SIMMONS, Robert, J. [US/US]; 1675 Sabre Street, Hayward, CA 94545 (US).

(74) DICKINSON, Jon, M., P.C.; 8015 SE 31st Avenue, Portland, OR 97202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> E04B
- (11) WO 2005/028764 (13) A2
- (21) PCT/US2004/029598
- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) en (26) en
- (30) 10/663,392 16 Sep/sep 2003 US  
(16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DRYWALL CONSTRUCTION DEVICE  
• DISPOSITIF DE CONSTRUCTION DE  
CLOISON SECHE
- (71) PRO METAL DESIGNS, INC. [US/US];  
9582 East 28th Street, Tucson, AZ 85748  
(US).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) PEERY, Douglas [US/US]; 9582 East  
28th Street, Tucson, AZ 85748 (US).
- (74) KIRCHANSKI, Stefan, J.; Liner Yankele-  
vitz Sunshine & Regenstreif LLP, 1100 Glen-  
don Avenue, 14th Floor, Los Angeles, CA  
90024 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> E04B
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- (21) PCT/US2004/030369
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 60/504,397 19 Sep/sep 2003 US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LASER SIGHTING DEVICE AND  
METHOD  
• DISPOSITIF ET PROCEDE DE VISION  
LASER
- (71, 72) COOK, Todd [US/US]; 18 Great Hill  
Road, Gloucester, MA 01930 (US).
- (74) COCKS, Elijah; Choate, Hall & Stewart,  
Exchange Place, 53 State Street, Boston, MA  
02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> E04B
- (11) WO 2005/028765 (13) A2
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- (25) en (26) en
- (30) 10/666,409 19 Sep/sep 2003 US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • APPARATUS AND METHOD TO PRE-  
PARE IN-SITU PILINGS WITH PRE-SE-  
LECTED PHYSICAL PROPERTIES  
• APPAREIL ET PROCEDE DE PRE-  
PARATION IN-SITU DE PILOTIS A  
PROPRIETES PHYSIQUES SELEC-  
TIONNEES AU PREALABLE
- (63) US 10/666,409 (CON)  
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- (71, 72) GUNTHER, Johan, M. [SE/US]; 420  
Georgina Avenue, Santa Monica, CA 90402  
(US).
- (74) BERG, Richard, P. et al. / etc.; Ladas &  
Parry, 5670 Wilshire Boulevard, Suite 2100,  
Los Angeles, CA 90036-5670 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> E04B
- (11) WO 2005/028766 (13) A2
- (21) PCT/US2004/030369
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
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(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LASER SIGHTING DEVICE AND  
METHOD  
• DISPOSITIF ET PROCEDE DE VISION  
LASER
- (71, 72) COOK, Todd [US/US]; 18 Great Hill  
Road, Gloucester, MA 01930 (US).
- (74) COCKS, Elijah; Choate, Hall & Stewart,  
Exchange Place, 53 State Street, Boston, MA  
02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (22) 3 Sep/sep 2004 (03.09.2004)
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- (30) 1024241 8 Sep/sep 2003 NL  
(08.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD OF CONSTRUCTION A PRE-  
FAB BUILDING  
• PROCEDE DE CONSTRUCTION DE  
BATIMENT PREFABRIQUE
- (71) ASLO-TWENTY-FIVE B.V. [NL/NL];  
Koningin Wilhelminastraat 14, NL-1271 PH  
Huizen (NL).
- (for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) PETERS, Peter, Cornelis [NL/NL];  
Wintertalinglaan 8, NL-1343 AV Almere  
(NL).
- (74) KUPECZ, Árpád et al. / etc.; Octrooibu-  
reau Los en Stigter B.V., Weteringschans 96,  
NL-1017 XS Amsterdam (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> E04B 1/19, 1/58, E04C 3/12
- (11) WO 2005/028768 (13) A1
- (21) PCT/JP2004/013728
- (22) 21 Sep/sep 2004 (21.09.2004)
- (25) ja (26) ja
- (30) 2003-329668 22 Sep/sep 2003 JP  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LOG-MADE TRUSS STRUCTURAL  
MATERIAL  
• MATIERE STRUCTURELLE DE  
TREILLIS FORMEE A PARTIR DE  
BILLES
- (71) FOREST ENGINEERING & ECONOM-  
ICS CO.,LTD. [JP/JP]; 638 Izumi, Yashiro-  
cho, Katou-gun, Hyogo, 6731442 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (71, 72) IMAI, Katsuhiko [JP/JP]; 4-8,  
Miyayama-cho 3-chome, Toyonaka-shi,  
Osaka, 5600056 (JP).
- (72, 75) TAKINO, Atsuo [JP/JP]; 9-51, Ki-  
tamaiko 4-chome, Tarumi-ku, Kobe-shi,  
Hyogo, 6550045 (JP). FUJITA, Noriyuki  
[JP/JP]; 1-20, Minamisakurazuka 3-chome,  
Toyonaka-shi, Osaka, 5610882 (JP).  
WAKIYAMA, Kozo [JP/JP]; 17-24, Ki-  
takasugaoka 2-chome, Ibaraki-shi, Os-  
aka, 5670048 (JP). TSUZIOKA, Shizuo  
[JP/JP]; 44, Otsusakakonboku-cho 2-chome,  
Sabae-shi, Fukui, 9161104 (JP). FU-  
JIMOTO, Masumi [JP/JP]; 3-2-1217,  
Fuseya-cho 5-chome, Izumi-shi, Os-  
aka, 5940031 (JP). INADA, Masanori  
[JP/JP]; 3154-1-101, Kaibara, kaibara-cho,  
Hikami-gun, Hyogo, 6693309 (JP). HUKU-  
TOME, Hiroko [JP/JP]; 1-13-315, Ono-  
harahigashi 5-chome, Mino-shi, Osaka,  
5620031 (JP).
- (74) YOSHIMURA, Katutoshi; Yotsu-  
ashi-shinkosan Building 5-2, Kitahorie  
1-chome, Nishi-ku, Osaka-shi, Osaka,  
5500014 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OMPG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 11 Sep/sep 2004 (11.09.2004)

(25) de (26) de

(30) 103 42 678.7 16 Sep/sep 2003 DE (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • SEALING WEB, ARRANGEMENT AND USE THEREOF  
• PANNEAU BARRIERE, ENSEMBLE ET UTILISATION

(71) HENKEL KGAA [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE). ROLAND WOLF GMBH [DE/DE]; Grosses Wert 21, 89155 Erbach (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WELTER, Werner [DE/DE]; Am Kesseborn 15, 59427 Unna (DE). FRITZ, Detlef [DE/DE]; Wiedersbacher Strasse 2, 98646 Hildburghausen (DE). WOLF, Roland [DE/DE]; Grosses Wert 21, 89155 Erbach (DE).

(74) SPARING, Rolf, K. et al. / etc.; Goltsteinstrasse 19, 40211 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> E04B 1/76, B32B 7/02

(11) WO 2005/028770 (13) A1

(21) PCT/DK2004/000650

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 60/505,057 24 Sep/sep 2003 US (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • A THERMALLY CONDUCTING BUILDING ELEMENT, A BUILDING, AND A METHOD OF ERECTING THE BUILDING

- ELEMENT DE CONSTRUCTION THERMOCONDUCTEUR, BATIMENT ET PROCEDE POUR ERIGER UN BATIMENT

(71) INFINITY SYSTEMS AG [CH/CH]; Riesbachstrasse 52, CH-8008 Zürich (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REIPUR, John [DK/DK]; Fabritius Allé 17, DK-2930 Klampenborg (DK).

(74) INSPICOS A/S; Bøge Allé 5, P.O. Box 45, DK-2970 Horsholm (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> E04B 1/76, B32B 7/02

(11) WO 2005/028771 (13) A1

(21) PCT/DK2004/000651

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 60/505,057 24 Sep/sep 2003 US (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • AN ELECTRICALLY CONDUCTING BUILDING ELEMENT, A BUILDING, AND A METHOD OF ERECTING THE BUILDING

- ELEMENT DE CONSTRUCTION ELECTROCONDUCTEUR, BATIMENT ET PROCEDE POUR ERIGER UN BATIMENT

(71) INFINITY SYSTEMS AG [CH/CH]; Riesbachstrasse 52, CH-8008 Zürich (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REIPUR, John [DK/DK]; Fabritius Allé 17, DK-2930 Klampenborg (DK).

(74) INSPICOS A/S; Bøge Allé 5, P.O. Box 45, DK-2970 Horsholm (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> E04C 1/00, E04B 2/08

(11) WO 2005/028772 (13) A1

(21) PCT/CN2004/000974

(22) 23 Aug/août 2004 (23.08.2004)

(25) zh (26) zh

(30) 03159561.8 23 Sep/sep 2003 CN (23.09.2003)

(30) 200410071514.2 7 Jul/juil 2004 CN (07.07.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • BLOCK FOR BUILDING WALL AND THE WALL BUILT WITH SAID BLOCKS

- BLOC POUR MUR DE CONSTRUCTION ET MUR CONSTRUIT A L'AIDE DE CES BLOCS

(71, 72) WANG, Rongxun [CN/CN]; 1st Floor, House No. 22, South District No.1, Yi Le Xincun, Wen Er Lu, West Lake District, Hangzhou, Zhejiang 310012 (CN).

(74) SHANGHAI PATENT & TRADEMARK LAW OFFICE; 435 Guiping Road, Shanghai 200233 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> E04C 2/06

(11) WO 2005/028773 (13) A2

(21) PCT/FR2004/002336

(22) 15 Sep/sep 2004 (15.09.2004)

(25) fr (26) fr

(30) 0310813 15 Sep/sep 2003 FR (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • PLATE-SHAPED CEMENTITIOUS PRODUCT AND PRODUCTION METHOD

- PRODUIT CIMENTAIRE EN PLAQUE, ET PROCEDE DE FABRICATION

(71) SAINT-GOBAIN MATERIAUX DE CONSTRUCTION S.A.S. [FR/FR]; "Les Miroirs", 18, avenue d'Alsace, F-92400 Courbevoie (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FAMY, Charlotte [FR/FR]; 14, rue André, F-60500 Chantilly (FR). CADORET, Gaël [FR/FR]; 18, avenue de la Bourdonnais, F-75007 Paris (FR). HOUANG, Paul [BR/FR]; 48, rue Saint-Didier, 75116 Paris (FR).

(74) SAINT-GOBAIN RECHERCHE; 39, quai Lucien Lefranc, F-93300 Aubervilliers (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04C 2/52, H01R 4/26

(11) WO 2005/028774 (13) A2

(21) PCT/DK2004/000649

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 60/505,058 24 Sep/sep 2003 US (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AN ELECTRICALLY CONDUCTING ELEMENT FOR USE IN PROVIDING POWER TO/FROM A BUILDING ELEMENT

• ELEMENT ELECTRIQUEMENT CONDUCTEUR SERVANT A FOURNIR DE L'ENERGIE A DESTINATION/EN PROVENANCE D'UN ELEMENT DE CONSTRUCTION

(71) INFINITY SYSTEMS AG [CH/CH]; Riesbachstrasse 52, CH-8008 Zürich (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) REIPUR, John [DK/DK]; Fabritius Allé 17, DK-2930 Klampenborg (DK).

(74) INSPICOS A/S; Bøge Allé 5, P.O. Box 45, DK-2970 Hørsholm (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04D 1/36

(11) WO 2005/028775 (13) A1

(21) PCT/NZ2004/000224

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 528389 19 Sep/sep 2003 NZ (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ROOF RIDGE FLASHING

• SOLIN FAITIER

(71, 72) HAYNES, Andrew, Leo [NZ/NZ]; 3/7 Mably Court, Stanmore Bay, Whangaparaoa (NZ).

(72, 75) NICOLLS, Christopher, John [NZ/NZ]; 160 Coronation Road, Glenfield, Auckland (NZ). GIRDIU, Gabriel, Ioan [RO/NZ]; 4D Coronation Road, Glenfield, Auckland (NZ). BUCKINGHAM, Samuel, Gwy [NZ/NZ]; 3 Rubens Lane, West Harbour, Auckland (NZ).

(74) ADAMS, Matthew, D et al. / etc.; A J Park, 6th Floor Huddart Parker Building, PO Box 949, Wellington, 6015 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04F 11/18, E04H 17/16, E01D 19/10, B63B 17/04

(11) WO 2005/028776 (13) A1

(21) PCT/AU2004/001264

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 2003905113 19 Sep/sep 2003 AU (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HANDRAIL OR TOP RAIL, POST AND PANEL ASSEMBLY AND CONNECTOR THEREFOR

• RAMPE OU RAIL SUPERIEUR, ENSEMBLE PANNEAU ET POTEAUX ET CONNECTEUR ASSOCIE

(71) HARKK PTY LTD [AU/AU]; 3 Staite Street, Wingfield, S.A. 5013 (AU). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) ADDERTON, David [AU/AU]; 3 Staite Street, Wingfield, S.A. 5013 (AU).

(74) MADDERN; Level 1, 64 Hindmarsh Square, Adelaide, S.A. 5000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04F 13/08, 13/14, E06B 3/54

(11) WO 2005/028777 (13) A1

(21) PCT/EP2004/009463

(22) 25 Aug/août 2004 (25.08.2004)

(25) de (26) de

(30) 103 40 720.0 4 Sep/sep 2003 DE (04.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FIXING DEVICE FOR PRODUCING AN ANCHORAGE IN PLATES ESPECIALLY CONSISTING OF GLASS

• DISPOSITIF DE FIXATION DESTINE A LA FABRICATION D'UN ANCRAGE DANS DES PLAQUES NOTAMMENT CONSTITUEES DE VERRE

(71) FISCHERWERKE, ARTUR FISCHER GMBH & CO. KG [DE/DE]; Weinhalde 14-18, 72178 Waldachtal (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) UNTERWEGER, Roland [AT/AT]; Reichenberger Strasse 43, A-9020 Klagenfurt (AT). BOHNERT, Hartmut [DE/DE]; Artur-Fischer-Str. 7, 72178 Waldachtal (DE).

(74) SUCHY, Ulrich; Artur Fischer GmbH & Co. KG, Weinhalde 14-18, 72178 Waldachtal (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> E04G 21/04

(11) WO 2005/028778 (13) A1

(21) PCT/EP2004/009553



- (22) **26 Aug/août 2004 (26.08.2004)**  
 (25) de (26) de  
 (30) 103 41 829.6 **9 Sep/sep 2003 DE (09.09.2003)**  
 (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **DISTRIBUTOR DEVICE FOR UNSET CONCRETE**  
 • **DISPOSITIF DE DISTRIBUTION DE BETON FRAIS**
- (71) **PUTZMEISTER AKTIENGESELLSCHAFT [DE/DE]; Max-Eyth-Strasse 10, 72631 Aichtal (DE).**  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SCHURAN, Max [DE/DE]; Wiesenweg 26, 21220 Seevetal (DE).**
- (74) **WOLF, Eckhard et al. / etc.; WOLF & LUTZ, Hauptmannsreute 93, 70193 Stuttgart (DE).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **E04G 21/18**  
 (11) **WO 2005/028779 (13) A1**  
 (21) PCT/AU2004/000833  
 (22) **14 Sep/sep 2004 (14.09.2004)**  
 (25) en (26) en  
 (30) 2003906898 **22 Sep/sep 2003 AU (22.09.2003)**  
 (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **BRICKLAYING STRING LINE SUPPORT AND COURSE SPACING GAUGE**  
 • **SUPPORT DE CORDEAU POUR LA POSE DE BRIQUES, ET CALIBRE A BOUTS PLANS POUR L'ESPACEMENT DES COUCHES**
- (71, 72) **MITCHELL, Paul, Wayne [AU/AU]; 38 Spicer Blvd, Altona Meadows, VIC 3028 (AU).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **E04H**  
 (11) **WO 2005/028781 (13) A2**  
 (21) PCT/US2004/030271  
 (22) **16 Sep/sep 2004 (16.09.2004)**  
 (25) en (26) en  
 (30) 60/503,427 **16 Sep/sep 2003 US (16.09.2003)**  
 (30) 60/540,115 **29 Jan/jan 2004 US (29.01.2004)**  
 (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **COMPOSITE TOWER FOR A WIND TURBINE AND METHOD OF ASSEMBLY**  
 • **PYLONE COMPOSITE D'EOLIEENNE ET SON PROCÉDE D'ASSEMBLAGE**
- (71, 72) **HIEL, Clement [US/US]; 32526 Seahill Drive, Rancho Palos Verdes, CA 90275 (US).**  
**KORZENIOWSKI, George [US/US]; 5140**
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration :  
 (u) for / pour US only / seulement
- 
- (51)<sup>7</sup> **E04H**  
 (11) **WO 2005/028780 (13) A2**  
 (21) PCT/IL2004/000874  
 (22) **21 Sep/sep 2004 (21.09.2004)**  
 (25) en (26) en  
 (30) 158112 **25 Sep/sep 2003 IL (25.09.2003)**  
 (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **APPARATUS FOR IMPROVED SUB-AQUEOUS STABILITY**  
 • **APPAREIL ASSURANT UNE STABILITE SUBAQUATIQUE AMELIOREE**
- (71) **AQUAPRODUCTS INC. [US/US]; 25 Rutgers av., Cedar Grove, NJ 07009 (US).**  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FRIDMAN, Igor [IL/IL]; 14/6 Dizenhoff st., 42405 Netanya (IL).**  
**PORAT, Joseph [US/US]; 59 Roosevelt blv., Horth Caldwell, NJ 07006 (US).**
- (74) **MILLER - SIERADZKI ADVOCATES & PATENT ATTORNEYS; P.O.Box 6149, 31061 Haifa (IL).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **E04H 1/12**  
 (11) **WO 2005/028782 (13) A1**  
 (21) PCT/GR2004/000046  
 (22) **9 Sep/sep 2004 (09.09.2004)**  
 (25) en (26) en  
 (30) 20030100392 **23 Sep/sep 2003 GR (23.09.2003)**  
 (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **CONSTRUCTION METHOD OF ROOMS WITH MULTIMEDIA EQUIPMENT FOR MEDITATION AND OTHER SIMILAR ACTIVITIES**  
 • **PROCEDE DE CONSTRUCTION DE PIECES COMPRENANT UN EQUIPEMENT MULTIMEDIA DESTINEES A LA MEDITATION ET A D'AUTRES ACTIVITES DE CE TYPE**
- (71, 72) **THEODORAKAKIS, Sotiris [GR/GR]; 128 A Kerkis Str, GR-132 31 Petroupoli Attikis (GR).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> **E04H 15/18, 15/20, E04B 7/14**  
 (11) **WO 2005/028783 (13) A1**  
 (21) PCT/EP2004/052072  
 (22) **7 Sep/sep 2004 (07.09.2004)**  
 (25) en (26) en  
 (30) 03103455.6 **19 Sep/sep 2003 EP (19.09.2003)**

- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • AN ARCHITECTURAL FABRIC  
• TEXTILE ARCHITECTURAL
- (71) NV BEKAERT SA [BE/BE]; Bekaertstraat 2, B-8550 Zwevegen (BE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HERMANS, Patrick [BE/BE]; Schaliënhoofstraat 42, B-8570 Vichte (BE). OFF, Robert [DE/DE]; Friedrichstrasse 15, 06406 Bernburg (DE).
- (74) SEYNHAEVE, Geert; Bekaertstraat 2, B-8550 Zwevegen (BE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> E04H 15/48
- (11) WO 2005/028784 (13) A1
- (21) PCT/KR2004/002425
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) en (26) en
- (30) 10-2003-0066540 25 Sep/sep 2003 KR (25.09.2003)
- (30) 10-2003-0092378 17 Dec/déc 2003 KR (17.12.2003)
- (30) 10-2004-0041306 7 Jun/juin 2004 KR (07.06.2004)
- (30) 10-2004-0042904 11 Jun/juin 2004 KR (11.06.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ONE-TOUCH TYPE FOLDABLE TENT  
• TENTE A PLIAGE RAPIDE
- (71, 72) JUNG, In-Young [KR/KR]; 190-9 Garak-2-dong, Songpa-gu, Seoul 138-162 (KR).
- (74) YOO, Dong-Ho; DONG HO YOO Patent & Law Office, Rm.903 Kangnam Bldg., 1321-1 Socho-dong, Socho-gu, Seoul 137-070 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> E05B 17/00
- (11) WO 2005/028787 (13) A2
- (21) PCT/EP2004/052138
- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) fr (26) fr
- (30) 03/111103 22 Sep/sep 2003 FR (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • INTERNAL LOCKING DEVICE FOR A MOTOR VEHICLE, IN WHICH THE INTERIOR DOOR LOCK BUTTON IS RELEASED  
• DISPOSITIF DE CONDAMNATION INTERIEURE DE VEHICULE AUTOMOBILE A DEBRAYAGE DE LA TIRETTE DE FRISE
- (71) VALEO SECURITE HABITACLE (SAS) [FR/FR]; 42, rue Le Corbusier - Europarc, F-94042 Créteil Cedex (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) DUPONT, Patrick [FR/FR]; c/o Valeo Securite Habitable, Propriété Industrielle, 42, rue Le Corbusier - Europarc, F-94042 Créteil Cedex (FR). WATTEBLED, Christian [FR/FR]; c/o Valeo Securite Habitable, Propriété Industrielle, 42, rue Le Corbusier - Europarc, F-94042 Créteil Cedex (FR).
- (74) ROSOLEN, Katell et al. / etc.; Valeo Securite Habitable (SAS), Service Propriété Industrielle, 42, rue Le Corbusier - Europarc, F-94042 Créteil Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> E05B 3/04
- (11) WO 2005/028786 (13) A1
- (21) PCT/EP2004/009187
- (22) 17 Aug/août 2004 (17.08.2004)
- (25) de (26) de
- (30) 103 40 562.3 1 Sep/sep 2003 DE (01.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DEVICE FOR FASTENING DOOR HANDLES  
• DISPOSITIF POUR LA FIXATION DE POIGNEES DE PORTE
- (71) DORMA GMBH + CO. KG [DE/DE]; Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KREYENBORG, Ralf [DE/DE]; Nordstrasse 14, 32107 Bad Salzuflen (DE).
- (74) DORMA GMBH + CO. KG; GINZEL, Lothar, Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

- (25) ja (26) ja
- (30) 2003-324562 17 Sep/sep 2003 JP  
(17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • KEY FOR VEHICLE  
• CLE DE VEHICULE
- (71, 72) KAMIKI, Hiroshi [JP/JP]; 11-1, 5-chome, Honmachi, Toyonaka-shi, Osaka, 5600021 (JP).
- (74) ONISHI, Takaharu et al. / etc.; Diapalace Tanimachi No.2, 5-6-9, Tanimachi, Chuo-ku, Osaka-shi, Osaka 5400012 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> E05B 27/00
- (11) WO 2005/028789 (13) A1
- (21) PCT/SE2004/001312
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 60/504,202 22 Sep/sep 2003 US  
(22.09.2003)
- (30) 10/913,519 9 Aug/août 2004 US  
(09.08.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A LOCK AND KEY SYSTEM WITH EXTRA CODE COMBINATIONS  
• SYSTEME DE PROTECTION AVEC CLE ET VERROU MUNI DE COMBINAISONS DE CODES SPECIAUX
- (71) WINLOC AG [CH/CH]; Baarerstrasse 43, P.O. Box 4233, CH-6304 Zug (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WIDÉN, Bo [SE/SE]; Box 37, S-644 21 Torshälla (SE).
- (74) EHRNER & DELMAR PATENTBYRÅ AB; Box 10316, S-100 55 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> E05B 45/00, 67/00, 73/00
- (11) WO 2005/028790 (13) A1
- (21) PCT/NO2004/000282
- (22) 24 Sep/sep 2004 (24.09.2004)
- (25) en (26) en
- (30) 20034281 25 Sep/sep 2003 NO  
(25.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LOCK  
• VERROU
- (71) SMARTLOCK ANS [NO/NO]; Tjernveien 11, N-1397 Nesøya (NO).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HVEDING, Axel [NO/NO]; Tjernveien 1, N-1397 Nesøya (NO). HEIER, Trond [NO/NO]; Gullberget 122, N-1354 Bærum Verk (NO).
- (74) OSLO PATENTKONTOR AS; P.O. Box 7007M, N-0306 Oslo (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> E05B 47/00
- (11) WO 2005/028791 (13) A1
- (21) PCT/KR2004/002455
- (22) 23 Sep/sep 2004 (23.09.2004)
- (25) ko (26) en
- (30) 10-2003-0066007 23 Sep/sep 2003 KR  
(23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DIGITAL DOOR LOCK SYSTEM AND CONTROL METHOD FOR INFORMING WINDOWS OPENING STATUS IN CASE OF OUTING  
• SYSTEME DE VERROUILLAGE DE PORTE NUMERIQUE ET PROCEDE DE COMMANDE PERMETTANT D'INFORMER DE L'OUVERTURE DES FENETRES LORS DE LA SORTIE D'UN LIEU
- (71) iRevo, Inc. [KR/KR]; iRevo Bldg., 459-7, Gasan-dong, Geumcheon-gu, Seoul, 153-808 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LEE, Yongjong [KR/KR]; 22-82, Daeheung-dong, Mapo-gu, Seoul, 121-809 (KR).
- (74) LEE, Chulhee et al. / etc.; 14F, Hyundai Marine & Fire Insurance Bldg., 646, Yeoksam-dong, Gangnam-gu, Seoul, 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> E05B 65/12, B60R 7/04
- (11) WO 2005/028792 (13) A1
- (21) PCT/EP2004/009464
- (22) 25 Aug/août 2004 (25.08.2004)
- (25) de (26) de
- (30) 103 40 673.5 4 Sep/sep 2003 DE  
(04.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SAFETY LOCKING DEVICE FOR A CONTAINER IN A VEHICLE  
• DISPOSITIF DE VERROUILLAGE DE SECURITE DESTINE A UN CONTENANT DANS UN VEHICULE
- (71) FISCHER AUTOMOTIVE SYSTEMS GMBH [DE/DE]; Industriestr. 130, 72160 Horb (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LEOPOLD, Gunter [DE/DE]; Lochweg 8/2, 72270 Bayersbronn (DE).
- (74) FISCHER AUTOMOTIVE SYSTEMS GMBH; c/o SUCHY, Ulrich, Patente/Lizenzen, Weinhalde 14-18, 72178 Waldachtal (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*

(t) for all designations / pour toutes les désignations  
(u) for / pour US only / seulement

(51)<sup>7</sup> E05C 19/00

(11) WO 2005/028793 (13) A1

(21) PCT/DK2004/000646

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) PA 2003 01381 23 Sep/sep 2003 DK  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • WINDOW OR DOOR STRUCTURE WITH A LOCKING TAP  
• STRUCTURE DE FENETRE OU DE PORTE EQUIPEE D'UN ELEMENT DE VERROUILLAGE

(71) VKR HOLDING A/S [DK/DK]; Tobaksvejen 10, DK-2860 Søborg (DK).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUNDEVAD, Torben [DK/DK]; Marktoften 12, DK-6950 Ringkøbing (DK). ØSTERGAARD, Ulla, Toft [DK/DK]; Hendrik Pontoppidansgade 8, DK-8000 Århus C (DK). BJØRN, Eirik [DK/DK]; Stenshoj 8, DK-6950 Ringkøbing (DK). HAMMER, Carl, Johannes [DK/DK]; Tøldhusvej 5, Stauning, DK-6900 Skjern (DK).

(74) ZACCO DENMARK A/S; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E05D 15/06, 15/10, E05F 7/04

(11) WO 2005/028794 (13) A1

(21) PCT/DE2004/002075

(22) 17 Sep/sep 2004 (17.09.2004)

(25) de (26) de

(30) 103 43 717.7 20 Sep/sep 2003 DE  
(20.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GUIDING SYSTEM FOR A SLIDING DOOR  
• SYSTEME DE GUIDAGE DESTINE A UNE PORTE COULISSANTE

(71) EDSCHA AG [DE/DE]; Hohenhagener Strasse 26-28, 42855 Remscheid (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOEBEL, Markus [DE/DE]; Hohenhagener Strasse 14, 42855 Remscheid (DE). DUNING, Ralf [DE/DE]; Bavterterstrasse 6, 42719 Solingen (DE).

(74) SPARING, Rolf, K. et al. / etc.; Goldsteinstrasse 19, 40211 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E05F 15/18

(11) WO 2005/028795 (13) A1

(21) PCT/JP2004/013060

(22) 8 Sep/sep 2004 (08.09.2004)

(25) ja (26) ja

(30) 2003-325265 17 Sep/sep 2003 JP  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AUTOMATIC DOOR DEVICE  
• DISPOSITIF DE PORTE AUTOMATIQUE

(71) THK CO., LTD. [JP/JP]; 11-6, Nishi Gotanda 3-chome, Shinagawa-ku, Tokyo 141-8503 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOSHIDE, Kaoru [JP/JP]; c/o THK Co., Ltd., 11-6, Nishi Gotanda 3-chome, Shinagawa-ku, Tokyo 141-8503 (JP). TOBITA, Miki [JP/JP]; c/o THK Co., Ltd., 11-6, Nishi Gotanda 3-chome, Shinagawa-ku, Tokyo 141-8503 (JP). SATO, Akira [JP/JP]; c/o THK Co., Ltd., 11-6, Nishi Gotanda 3-chome, Shinagawa-ku, Tokyo 141-8503 (JP).

(74) SERA, Kazunobu et al. / etc.; Acropolis 21 Building 6th Floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E06B 3/02, C03C 17/00

(11) WO 2005/028796 (13) A1

(21) PCT/EP2004/008132

(22) 21 Jul/juil 2004 (21.07.2004)

(25) de (26) de

(30) 103 40 763.4 2 Sep/sep 2003 DE  
(02.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FRONT PLATE FOR A DOOR STATION  
• PLATINE AVANT POUR PORTIER ELECTRONIQUE

(71) RITTO GMBH & CO. KG [DE/DE]; Rodenbacher Strasse 15, 35708 Haiger (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RITTINGHAUS, Olaf [DE/DE]; Zum Alten Teich 7, 58540 Meinerzhagen (DE). NEUMANN, Udo [DE/DE]; Stallhaus 58, 58579 Schalksmühle (DE).

(74) FLECK, H.,-J.; Klingengasse 2, 71665 Vaihingen/Enz (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E06B 3/263

(11) WO 2005/028797 (13) A1

(21) PCT/EP2004/009330

(22) 20 Aug/août 2004 (20.08.2004)

(25) de (26) de

(30) 03019838.6 1 Sep/sep 2003 EP  
(01.09.2003)

(30) 04016906.2 17 Jul/juil 2004 EP  
(17.07.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROFILE AND METHOD FOR PRODUCING A PROFILE  
• PROFILE ET PROCEDE DE PRODUCTION D'UN PROFIL

(71) FORSTER ROHR- & PROFILTECHNIK AG [CH/CH]; Romanshonerstrasse 6, CH-9320 Arbon (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EGLI, Jürg [CH/CH]; Seewiese 3, CH-8593 Kesswil (CH). LEITNER, Michael [AT/AT]; Buchenweg 14, A-6923 Lauterach (AT).

(74) HEPP, Dieter et al. / etc.; Hepp, Wenger & Ryffel AG, Friedtalweg 5, CH-9500 Wil (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E06B 3/48

(11) WO 2005/028798 (13) A1

(21) PCT/EP2004/009315

(22) 19 Aug/août 2004 (19.08.2004)

(25) de (26) de

(30) 103 42 302.8 12 Sep/sep 2003 DE (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMPACT-PROTECTED ROLLER SHUT-TER DOOR

• PORTE ROULANTE POURVUE D'UN SYSTEME ANTICOLLISION

(71, 72) REJC, Petra [SI/DE]; Falkenstrasse 46, 84036 Landshut (DE).

(74) KUHNEN & WACKER; Prinz-Ludwig-Strasse 40A, 85354 Freising (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E06B 3/58, 3/30

(11) WO 2005/028799 (13) A1

(21) PCT/DK2004/000647

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) PA 2003 01383 23 Sep/sep 2003 DK (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • WINDOW OR DOOR STRUCTURE WITH A COVERING STRIP

• STRUCTURE DE PORTE OU DE FENETRE COMPORTANT UNE BANDE DE COUVERTURE

(71) VKR HOLDING A/S [DK/DK]; Tobaksvej 10, DK-2860 Søborg (DK). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUNDEVAD, Torben [DK/DK]; Marktoften 12, DK-6950 Ringkøbing (DK). ØSTERGAARD, Ulla, Toft [DK/DK]; Hendrik Pontoppidansgade 8, DK-8000 Århus C (DK). BJØRN, Eirik [DK/DK]; Stenshøj 8, DK-6950 Ringkøbing (DK). HAMMER, Carl, Johannes [DK/DK]; Toldhusvej 5, Stauning, DK-6900 Skjern (DK).

(74) ZACCO DENMARK A/S; Hans Bekkevolds Allé 7, DK-2900\_Hellerup (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E06B 5/11, E05C 9/00, E05D 5/02, E05B 17/20

(11) WO 2005/028800 (13) A1

(21) PCT/DK2004/000645

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) PA 2003 01380 23 Sep/sep 2003 DK (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • WINDOW OR DOOR STRUCTURE WITH A FITTING HAVING A SUPPORTING BRACKET

• STRUCTURE DE FENETRE OU DE PORTE A ATTACHE EQUIPEE D'UN ETRIER SUPPORT

(71) VKR HOLDING A/S [DK/DK]; Tobaksvej 10, DK-2860 Søborg (DK). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUNDEVAD, Torben [DK/DK]; Marktoften 12, DK-6950 Ringkøbing (DK). ØSTERGAARD, Ulla, Toft [DK/DK]; Hendrik Pontoppidansgade 8, DK-8000 Århus C (DK). BJØRN, Eirik [DK/DK]; Stenshøj 8, DK-6950 Ringkøbing (DK). HAMMER, Carl, Johannes [DK/DK]; Toldhusvej 5, Stauning, DK-6900 Skjern (DK).

(74) ZACCO DENMARK A/S; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E06B 9/322

(11) WO 2005/028801 (13) A1

(21) PCT/DK2004/000623

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) PA200301364 19 Sep/sep 2003 DK (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A WINDING MECHANISM

• MECANISME D'ENROULEMENT

(71) FABER A/S [DK/DK]; Hestehavevej 22, DK-5856 Ryslinge (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JENSEN, Poul, Christian [DK/DK]; Enghavevej 30, DK-5230 Odense (DK).

(74) ZACCO DENMARK A/S; Hans Bekkevolds Allé 7, DK-2900\_Hellerup (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> E06B 9/322, 9/303

(11) WO 2005/028802 (13) A1

(21) PCT/FR2004/002107

(22) 6 Aug/août 2004 (06.08.2004)

(25) fr (26) fr

(30) 0310570 5 Sep/sep 2003 FR (05.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE FOR CONTROLLING A VENETIAN BLIND

• DISPOSITIF DE COMMANDE D'UN STORE VENITIEN

(71) MARITON S.A. [FR/FR]; 31, boulevard Joliot Curie, F-13250 Saint Chamans (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAUMI, Pierre-Luc [FR/FR]; 30, rue Christophe Colomb, Quartier Vauban, F-13006 Marseille (FR). PASSINI, Laurent [FR/FR]; 6, rue du Four Neuf, F-13390 Auriol (FR). QUILLOT, Dominique [FR/FR]; Résidence Le Morgan, 85, Boulevard de la République, F- 13300 Salon de Provence (FR).

(74) DOMANGE, Maxime; Cabinet Beau de Loménie, 232, avenue du Prado, F-13295 Marseille Cedex 08 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> E21B

(11) WO 2005/028803 (13) A2

(21) PCT/US2004/029025

(22) 7 Sep/sep 2004 (07.09.2004)

(25) en (26) en

(30) 60/500,435 5 Sep/sep 2003 US  
(05.09.2003)

(30) 60/585,370 2 Jul/juil 2004 US  
(02.07.2004)

(30) 60/600,679 11 Aug/août 2004 US  
(11.08.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EXPANDABLE TUBULAR

• ELEMENT TUBULAIRE EXTENSIBLE

(71) ENVENTURE GLOBAL TECHNOLOGY, LLC [US/US]; 16200 A Park Row, Houston, TX 77084 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHUSTER, Mark [US/US]; 19115 Prospect Ridge Lane, Houston, TX 77094 (US). GREENBURG, Grigory [US/US]; Toledo, OH (US). SHADE, Matt [US/US] (US). GRAY, Malcolm [US/US]; 1502 Wagon Gap Trail, Houston, Texas 77010 (US). COSTA, Scott [US/US]; 2011 Willow Point, Kingwood, TX 77330 (US).

(74) HAYNES AND BOONE LLP et al. / etc.; 901 Main Street, Suite 3100, Haynes and Boone, LLP, Dallas, Texas 75202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> E21B

(11) WO 2005/028804 (13) A2

(21) PCT/US2004/030223

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 10/663,287 16 Sep/sep 2003 US  
(16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPACT MID-GRIP FASTENER

• ELEMENT DE FIXATION COMPACT A SERRAGE MEDIAN

(71) HYDRIL COMPANY - PRESSURE CONTROL [US/US]; 3300 N. Sam Houston Pkwy. E., Houston, TX 77032 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOLLAND, William, R. [US/US]; 5012 Lillian Street, Houston, TX 77007 (US).

(74) OSHA, Jonathan, P. et al. / etc.; Osha & May L.L.P., Suite 2800, 1221 McKinney, Houston, TX 77010 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> E21B 7/06

(11) WO 2005/028805 (13) A1

(21) PCT/US2004/029657

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 60/503,053 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • STEERABLE BIT ASSEMBLY AND METHODS

• TREPAN GUIDE ET PROCÉDES ASSO-CIES

(71) BAKER HUGHES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(72) ARONSTAM, Peter, S.; 5930 Solar Point Lane, Houston, TX 77041 (US). FINCHER, Roger, W.; 23B Amherst Court, Conroe, TX 77302 (US). WATKINS, Larry, A.; 10915 Tulip Garden Court, Houston, TX 77065 (US).

(74) RIDDLE, Albert, J. et al. / etc.; Baker Hughes Incorporated, 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E21B 10/26, E01C 23/09, B23B 49/00, 51/10

(11) WO 2005/028806 (13) A1

(21) PCT/US2004/030812

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 10/665,596 19 Sep/sep 2003 US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ROTARY DRILL BIT

• TREPAN ROTATIF

(63) US 10/665,596 (CIP)  
19 Sep/sep 2003 (19.09.2003)

(71) JACK MOORE ASSOCIATES, INC. [US/US]; 250 Barber Avenue, Worcester, MA 01606-2499 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOORE, John, F. [US/US]; 61 Old Oak Avenue, Westminister, MA 01473 (US).

(74) FRENCH, Timothy, A.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E21B 19/00, 33/08

(11) WO 2005/028807 (13) A1

(21) PCT/EP2004/052167

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en
(30) 10/666,088 19 Sep/sep 2003 US
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • METHOD FOR PRESSURIZED MUD CAP AND REVERSE CIRCULATION DRILLING FROM A FLOATING DRILLING RIG USING A SEALED MARINE RISER
• PROCEDE POUR BOUCHON DE BOUE SOUS PRESSION ET FORAGE A CIRCULATION INVERSE DEPUIS UNE INSTALLATION FLOTTANTE DE FORAGE UTILISANT UN TUBE GOULOTTE SCELLE

(71) WEATHERFORD/LAMB, INC. [US/US]; 515 Post Oak Blvd, Suite 600, Houston, Texas 77027 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71) HARDING, Richard [GB/GB]; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford, Oxfordshire OX4 2RU (GB).
(only for / seulement pour IS)

(72, 75) HANNEGAN, Don [US/US]; 3500 Spring Mountain, Fort Smith, Arkansas 72916 (US).

(74) HARDING, Richard; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford, Oxfordshire OX4 2RU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)7 E21B 19/06, 19/16

(11) WO 2005/028808 (13) A1

(21) PCT/US2004/030640

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,427 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • AUTOMATIC FALSE ROTARY
• FAUSSE ROTATION AUTOMATIQUE

(71) WEATHERFORD/LAMB, INC. [US/US]; 515 Post Oak Boulevard, Suite 600, Houston, TX 77027 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THOMAS, Allen Keith, Jr. [US/US]; 6107 Howland Court, Houston, TX 77084 (US). WIENS, Jim [US/US]; 11909 Spencer Road, FM 529, Houston, TX 77041 (US). HAYES, Michael [US/US]; 109 Thornwood Circle, Lafayette, LA 70503 (US).

(74) PATTERSON, William, B. et al. / etc.; MOSER, PATTERSON & SHERIDAN, L.L.P., 3040 Post Oak Blvd., Suite 1500, Houston, TX 77056-6582 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2005/028809 (13) A1

(21) PCT/US2004/029802

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 60/502,774 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • SUBSEA VALVE ASSEMBLY WITH REPLACEABLE FIXED ORIFICE INSERT
• ENSEMBLE VANNE SOUS-MARINE AVEC INSERT FIXE A ORIFICE REMPLAÇABLE

(71) DRIL-QUIP, INC. [US/US]; 13550 Hempstead Highway, Houston, TX 77040 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILLIAMS, Alfred, Moore [US/US]; 15913 Rosethorn Court, Cypress, TX 77429-3492 (US). MACHUCA, Michael, P. [US/US]; 3300 Sage Road, #9206, Houston, TX 77056-7054 (US). EUBANK, Eugene, E. [US/US]; 16411-B North Eldridge Parkway, Tomball, TX 77377-9081 (US).

(74) MORICO, Paul, R.; Baker Botts L.L.P., One Shell Plaza, 910 Louisiana, Houston, TX 77002-4995 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)7 E21B 43/013, F16L 1/15

(11) WO 2005/028810 (13) A1

(21) PCT/FR2004/002200

(22) 27 Aug/août 2004 (27.08.2004)

(25) fr (26) fr

(30) 0310600 9 Sep/sep 2003 FR (09.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • METHOD FOR INSTALLING AND CONNECTING A SUB-SEA RISER
• METHODE D'INSTALLATION ET DE CONNEXION D'UNE CONDUITE SOUS-MARINE MONTANTE

(71) TECHNIP FRANCE [FR/FR]; ZAC Danton, 6-8 allée de l'Arche, Faubourg de L'Arche, 92400 Courbevoie (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROUTEAU, Sylvain [FR/FR]; 64, rue de Bellevue, F-92100 Boulogne-Billancourt (FR). GROSS, Ludwig [FR/FR]; 9, rue Raymond Losserand, F-75014 Paris (FR). RENARD, Didier [FR/FR]; 2, avenue du Parc, F-92400 Courbevoie (FR).

(74) BERTRAND, Didier; c/o SA Fedit-Loriot & Autres Conseils en Propriété Industrielle, 38, avenue Hoche, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> E21B 47/00  
(11) WO 2005/028811 (13) A1  
(21) PCT/US2004/030703  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) en (26) en  
(30) 10/664,664 18 Sep/sep 2003 US  
(18.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • ATOMIC CLOCK FOR DOWNHOLE APPLICATIONS  
• HORLOGE ATOMIQUE POUR APPLICATIONS EN TROU DE FORAGE  
(71) BAKER HUGHES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) DIFOGGIO, Rocco; 12006 Plumpoint Drive, Houston, TX 77099 (US). REITTINGER, Peter, W.; 25211 Sandi Lane, Katy, TX 77494 (US).
- (74) RIDDLE, J., Albert et al. / etc.; Baker Hughes Incorporated, 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

- (51)<sup>7</sup> F01D 11/02, 11/00  
(11) WO 2005/028812 (13) A1  
(21) PCT/EP2004/008052  
(22) 19 Jul/juil 2004 (19.07.2004)  
(25) de (26) de  
(30) 03019002.9 21 Aug/août 2003 EP  
(21.08.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • LABYRINTH SEAL IN A STATIONARY GAS TURBINE

- GARNITURE EN LABYRINTHE D'UNE TURBINE A GAZ STATIONNAIRE  
(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) TIEMANN, Peter [DE/DE]; Oberdorf 14, 58452 Witten (DE).  
(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F01D 11/02, 11/04, F04D 29/08, 29/58, 29/16, F02C 7/28

- (11) WO 2005/028813 (13) A1  
(21) PCT/US2004/029430  
(22) 9 Sep/sep 2004 (09.09.2004)  
(25) en (26) en  
(30) 10/661,850 12 Sep/sep 2003 US  
(12.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • SEALING ARRANGEMENT IN A COMPRESSOR  
• SYSTEME D'TANCHEIFICATION DANS UN COMPRESSEUR  
(71) MES INTERNATIONAL, INC. [US/US]; P.O. Box 5938, Asheville, NC 28813 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (71) OSOBOVA, Valentina (legal representative of the deceased inventor / représentante légale de l'inventeur décédé) [RU/RU]; Teplichny Per. 5 Apt.132, Moscow 12398 (RU).  
*(only for / seulement pour US)*  
(72) OSOBOV, Victor (deceased / décédé).

- (72, 75) BELOKON, Alexander [RU/RU]; 15, Apartment 102, Pavla Korchagiha Street, Moscow (RU). TOUCHTON, George, L., III [US/US]; 35134 Millwood Court, Newark, CA 94560-1433 (US).  
(74) HILL, Donald, M., Jr. et al. / etc.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F01D 17/08, G01K 3/06

- (11) WO 2005/028814 (13) A1  
(21) PCT/EP2004/008290  
(22) 23 Jul/juil 2004 (23.07.2004)  
(25) de (26) de  
(30) 03019868.3 1 Sep/sep 2003 EP  
(01.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • METHOD AND DEVICE FOR IDENTIFYING THE OPERATING CONDITION OF A TURBINE  
• PROCEDE ET DISPOSITIF PERMETTANT LA DETECTION DE L'ETAT DE FONCTIONNEMENT D'UNE TURBINE  
(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) ADAM, Gottfried [DE/DE]; Grasweg 18, 53819 Neunkirchen-Seelscheid (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(72, 75) ADAM, Gottfried [DE/DE]; Grasweg 18, 53819 Neunkirchen-Seelscheid (DE).

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(51)<sup>7</sup> F01D 25/30, F02C 7/08, 1/04, 3/36

- (11) WO 2005/028815 (13) A2  
(21) PCT/DE2004/002006  
(22) 9 Sep/sep 2004 (09.09.2004)  
(25) de (26) de  
(30) 103 42 840.2 17 Sep/sep 2003 DE  
(17.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • GENERATION OF MECHANICAL OR ELECTRICAL ENERGY USING ANY THERMAL POTENTIAL  
• PRODUCTION D'ENERGIE MECANIQUE OU ELECTRIQUE AU MOYEN DE POTENTIELS THERMIQUES QUELCONQUES

(71, 72) DEPPE, Volker [DE/DE]; Brunsbütteler Strasse 25, 50737 Köln (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG



MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F01L 1/24, 1/18

(11) WO 2005/028816 (13) A1

(21) PCT/EP2004/008066

(22) 20 Jul/juil 2004 (20.07.2004)

(25) de (26) de

(30) 103 40 944.0 5 Sep/sep 2003 DE  
(05.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • VALVE DRIVE  
• ENTRAINEMENT DE SOUPAPES

(71) INA-SCHAEFFLER KG [DE/DE]; Industriestr. 1-3, 91074 Herzogenaurach (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) EISENHARDT, Günter [DE/DE]; Braungardstr. 3, 91325 Adelsdorf-Neuhaus (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F01L 1/46, 3/10, B25B 27/24, 27/26

(11) WO 2005/028817 (13) A1

(21) PCT/HR2004/000027

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) P20030768A 22 Sep/sep 2003 HR  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • COMBUSTION ENGINE HEAD VALVE RE-ASSEMBLY DEVICE  
• DISPOSITIF DE RE-ASSEMBLAGE DU VOLET DE RECHAUFFAGE D'UN MOTEUR A COMBUSTION

(71, 72) MATIJAK, Damir [HR/HR]; Misinka 72, 44320 Kutina (HR).

(74) INOVA D.O.O.; Trg Zrtava Fasizma 14, 10000 Zagreb (HR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F01L 3/02

(11) WO 2005/028818 (13) A1

(21) PCT/EP2004/009171

(22) 16 Aug/août 2004 (16.08.2004)

(25) de (26) de

(30) 103 40 320.5 29 Aug/août 2003 DE  
(29.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTIPART COMPOSITE VALVE FOR AN INTERNAL COMBUSTION ENGINE

- SOUPAPE CONSTITUEE DE PLUSIEURS PIECES POUR MOTEUR A COMBUSTION INTERNE

(71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) STARK, Holger [DE/DE]; Frohe Aussicht 6, 88069 Tettnang (DE). SCHLEGL, Martin [DE/DE]; Hölderlinstrasse 11, 73635 Rudersberg (DE).

(74) DAIMLERCHRYSLER AG; Intellectual Property Management, HPC U800, Wilhelm-Runge-Strasse 11, 89081 Ulm (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F01L 3/22, F02F 1/42

(11) WO 2005/028819 (13) A1

(21) PCT/JP2004/013814

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ja (26) ja

(30) 2003-330336 22 Sep/sep 2003 JP  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF MANUFACTURING SUCTION PORT OF INTERNAL COMBUSTION ENGINE AND SUCTION

PORT OF INTERNAL COMBUSTION ENGINE

- PROCEDE DE FABRICATION D'UN ORIFICE D'ASPIRATION D'UN MOTEUR A COMBUSTION INTERNE ET ORIFICE D'ASPIRATION D'UN MOTEUR A COMBUSTION INTERNE

(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) TAKAMIYA, Fumio [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP).

OKUMURA, Takeshi [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP).

(74) SAKAI, Hiroaki; Sakai International Patent Office, Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo, 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F01L 11/04 // 11/02, F02B 57/06

(11) WO 2005/028820 (13) A1

(21) PCT/NO2004/000279

(22) 21 Sep/sep 2004 (21.09.2004)

(25) no (26) en

(30) 20034203 22 Sep/sep 2003 NO  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A DEVICE FOR A VALVE CONTROL FOR A COMBUSTION ENGINE

- DISPOSITIF DE COMMANDE DE SOUPAPE D'UN MOTEUR A COMBUSTION

(71, 72) REINSHORN, Øystein, V. [NO/NO]; Syreveggen 189, N-4280 Skudeneshavn (NO).

(74) HÅMSØ PATENTBYRÅ ANS; P.O. Box 171, N-4302 Sandnes (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F01M 9/02, 11/06, 1/10

(11) WO 2005/028821 (13) A1

(21) PCT/DE2004/002092

(22) 15 Sep/sep 2004 (15.09.2004)

(25) de (26) de

(30) 103 42 686.8 16 Sep/sep 2003 DE  
(16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND DEVICE FOR OBTAINING OPTIMUM LUBRICANT PROPERTIES WHILE COMPLETELY DISPENSING WITH OIL CHANGES IN INTERNAL COMBUSTION ENGINES

• PROCEDE ET DISPOSITIF VISANT A OBTENIR DES PROPRIETES DE LUBRIFICATION OPTIMALES TOUT EN ELIMINANT LA NECESSITE D'EFFECTUER LA VIDANGE SUR UN MOTEUR A COMBUSTION INTERNE

(71, 72) BURMESTER, Hans, Joachim [DE/DE]; Marzahn Str. 14, 21502 Geesthacht (DE).

(74) REIMANN, Wolfgang; Pekrunstr. 62, 12685 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> F01M 13/00, F16L 53/00, E03B 7/12

(11) WO 2005/028822 (13) A1

(21) PCT/EP2004/008774

(22) 5 Aug/août 2004 (05.08.2004)

(25) de (26) de

(30) 03020395.4 10 Sep/sep 2003 EP  
(10.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRIC HEATING DEVICE FOR A BLOW-BY ADMISSION POINT, A FLUID LINE AND A METHOD FOR THEIR INSTALLATION

• DISPOSITIF DE CHAUFFE ELECTRIQUE POUR UN ORIFICE D'ENTREE DE GAZ DE SOUFFLAGE DANS LE CARTER, CONDUITE A FLUIDE ET PROCEDE D'INSTALLATION DESDITS ELEMENTS

(71) DAVID &amp; BAADER-DBK-SPEZIALFABRIK ELEKTRISCHER APPARATE UND HEIZWIDERSTÄNDE GMBH [DE/DE]; Rheinstrasse 72 - 74, 76870 Kandel/Pfalz (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GSCHWIND, Thomas [DE/DE]; Vigi-  
lienstrasse 15, 67098 Bad Dürkheim (DE).(74) GRÜNECKER, KINKELDEY, STOCK-  
MAIR & SCHWANHÄUSSER; Maximil-  
ianstrasse 58, 80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F01N 1/10

(11) WO 2005/028823 (13) A1

(21) PCT/KR2004/002407

(22) 20 Sep/sep 2004 (20.09.2004)

(25) ko (26) en

(30) 20-2003-0029763 19 Sep/sep 2003 KR  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MUFFLER FOR VEHICLE  
• SILENCIEUX POUR VEHICULE(71, 72) YOU, Young Bae [KR/KR]; 1244-6  
Baeksuk-Dong, Ilsan-Gu, Goyang, Gyunggi  
411-816 (KR).(74) PARK, SungMin; Suite 2010, Sungji  
Heights, No.1, 702-13 Yoksam-Dong, Gang-  
nam-Gu, Seoul 135-917 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F01N 3/02, 3/24

(11) WO 2005/028824 (13) A1

(21) PCT/JP2004/013226

(22) 10 Sep/sep 2004 (10.09.2004)

(25) ja (26) ja

(30) 2003-328341 19 Sep/sep 2003 JP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EXHAUST GAS-PURIFYING DEVICE

• DISPOSITIF DE PURIFICATION DE  
GAZ D'ECHAPPEMENT(71) HINO MOTORS, LTD. [JP/JP]; 1-1, Hin-  
odai 3-chome, Hino-shi, Tokyo, 1918660  
(JP).(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) IGARASHI, Tatsuki [JP/JP]; c/o Hino  
Motors, Ltd., 1-1, Hinodai 3-chome, Hino-  
shi, Tokyo, 1918660 (JP).(74) YAMADA, Tsunemitsu et al. / etc.; 2nd Ya-  
hagi Bldg. 5-3, Uchikanda 3-chome, Chiy-  
oda-ku, Tokyo, 1010047 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F01N 3/08, 3/36

(11) WO 2005/028825 (13) A1

(21) PCT/JP2004/012742

(22) 2 Sep/sep 2004 (02.09.2004)

(25) ja (26) ja

(30) 2003-327294 19 Sep/sep 2003 JP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EXHAUST GAS PURIFICATION DE-  
VICE OF ENGINE• DISPOSITIF DE PURIFICATION DES  
GAZ D'ECHAPPEMENT D'UN MO-  
TEUR(71) NISSAN DIESEL MOTOR CO., LTD.  
[JP/JP]; 1, Ooaza 1-chome, Ageo-shi  
Saitama, 3628523 (JP).(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) MASAKI, Nobuhiko [JP/JP]; c/o NIS-  
SAN DIESEL MOTOR CO., LTD., 1,  
Ooaza 1-chome, Ageo-shi Saitama, 3628523  
(JP). HIRATA, Kiminobu [JP/JP]; c/o  
NISSAN DIESEL MOTOR CO., LTD., 1,  
Ooaza 1-chome, Ageo-shi Saitama, 3628523  
(JP). UENO, Hiroki [JP/JP]; c/o NISSAN  
DIESEL MOTOR CO., LTD., 1, Ooaza  
1-chome, Ageo-shi Saitama, 3628523 (JP).(74) SASAJIMA, Fujio et al. / etc.; Toranomon  
1-chome Mori Bldg., 19-5, Toranomon  
1-chome., Minato-ku, Tokyo, 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F01N 3/08, 3/24  
 (11) WO 2005/028826 (13) A1  
 (21) PCT/JP2004/012743  
 (22) 2 Sep/sep 2004 (02.09.2004)  
 (25) ja (26) ja  
 (30) 2003-327591 19 Sep/sep 2003 JP (19.09.2003)  
 (30) 2003-339246 30 Sep/sep 2003 JP (30.09.2003)  
 (30) 2003-339247 30 Sep/sep 2003 JP (30.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • EXHAUST GAS PURIFICATION DEVICE OF ENGINE  
 • DISPOSITIF DE PURIFICATION DES GAZ D'ÉCHAPPEMENT D'UN MOTEUR  
 (71) NISSAN DIESEL MOTOR CO., LTD. [JP/JP]; 1, Ooaza 1-chome, Ageo-shi Saitama, 3628523 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) MASUDA, Kouji [JP/JP]; c/o NISSAN DIESEL MOTOR CO., LTD., 1, Ooaza 1-chome, Ageo-shi Saitama, 3628523 (JP). HIRATA, Kiminobu [JP/JP]; c/o NISSAN DIESEL MOTOR CO., LTD., 1, Ooaza 1-chome, Ageo-shi Saitama, 3628523 (JP). AKAGAWA, Hisashi [JP/JP]; c/o NISSAN DIESEL MOTOR CO., LTD., 1, Ooaza 1-chome, Ageo-shi Saitama, 3628523 (JP). NAKAMURA, Shuichi [JP/JP]; c/o NISSAN DIESEL MOTOR CO., LTD., 1, Ooaza 1-chome, Ageo-shi Saitama, 3628523 (JP). UENO, Hiroki [JP/JP]; c/o NISSAN DIESEL MOTOR CO., LTD., 1, Ooaza 1-chome, Ageo-shi Saitama, 3628523 (JP). SAKAI, Ikuo [JP/JP]; c/o NISSAN DIESEL MOTOR CO., LTD., 1, Ooaza 1-chome, Ageo-shi Saitama, 3628523 (JP).  
 (74) SASAJIMA, Fujio et al. / etc.; Toranomon 1-chome Mori Bldg., 19-5, Toranomon 1-chome, Minato-ku, Tokyo, 1050001 (JP).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F02B 25/22  
 (11) WO 2005/028828 (13) A1  
 (21) PCT/SE2003/001491  
 (22) 25 Sep/sep 2003 (25.09.2003)  
 (25) en (26) en  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • TWO-STROKE ENGINE COMPRISING TRANSFER DUCTS FOR INDUCTING AIR IN THE CYLINDER, THE DUCTS HAVING A VOLUME BEING LESS THAN 20% OF A VOLUME SWEEPED BY THE PISTON  
 • MOTEUR A DEUX TEMPS COMPRENANT DES CONDUITS DE TRANSFERT POUR AMENER DE L'AIR DANS LE CYLINDRE, CES CONDUITS POSSEDANT UN VOLUME INFÉRIEUR A 20 % D'UN VOLUME BALAYÉ PAR LE PISTON  
 (71) AKTIEBOLAGET ELECTROLUX [SE/SE]; S-105 45 Stockholm (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) MARTINSSON, Pär [SE/SE]; Ravin-gatan 10 B, S-556 28 Jönköping (SE). BERGMAN, Mikael [SE/SE]; Tormenogatan 24C, S-561 41 Huskvarna (SE). GUSTAFSSON, Reine [SE/SE]; Fridborgsvägen 8, S-567 30 Vaggeryd (SE).  
 (74) ANDERSSON, Lars; AB Electrolux, Huskvarna AB, S-433 81 Jonsered (SE).  
 (81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F02B 29/08, F02D 13/02, 21/08  
 (11) WO 2005/028829 (13) A1  
 (21) PCT/EP2004/052018  
 (22) 2 Sep/sep 2004 (02.09.2004)  
 (25) de (26) de  
 (30) 103 44 655.9 25 Sep/sep 2003 DE (25.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • METHOD AND DEVICE FOR ADJUSTING AN EXHAUST GAS RETURN RATE IN AN INTERNAL COMBUSTION ENGINE  
 • PROCÉDE ET DISPOSITIF POUR AJUSTER UN TAUX DE RETOUR DE GAZ D'ÉCHAPPEMENT DANS UN MOTEUR A COMBUSTION INTERNE  
 (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) WEISS, Frank [DE/DE]; Igelbergweg 5, 93080 Pentling/Grasslfling (DE). ZHANG, Hong [DE/DE]; Spitzweg Strasse 16, 93105 Tegernheim (DE).  
 (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F01N 3/08, 3/36  
 (11) WO 2005/028827 (13) A1  
 (21) PCT/JP2004/013608  
 (22) 17 Sep/sep 2004 (17.09.2004)  
 (25) ja (26) ja  
 (71) AKTIEBOLAGET ELECTROLUX [SE/SE]; S-105 45 Stockholm (SE).

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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- (51)<sup>7</sup> F02B 37/00
- (11) WO 2005/028830 (13) A1
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- (22) 11 Aug/août 2004 (11.08.2004)
- (25) de (26) de
- (30) 103 39 857.0 29 Aug/août 2003 DE  
(29.08.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • INTERNAL COMBUSTION ENGINE  
COMPRISING AN ENGINE BRAKING  
MECHANISM  
• MOTEUR A COMBUSTION INTERNE  
COMPORTANT UN SYSTEME DE  
FREIN MOTEUR
- (71) DAIMLERCHRYSLER AG [DE/DE]; Ep-  
pelstrasse 225, 70567 Stuttgart (DE).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) ALBAT, Rainer [DE/DE]; Blumen-  
strasse 18, 70736 Fellbach (DE).
- (74) KOCHER, Klaus-Peter et al. / etc.; Daim-  
lerChrysler AG, Intellectual Property Man-  
agement, IPM - C106, 70546 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

- (51)<sup>7</sup> F02C
- (11) WO 2005/028831 (13) A2
- (21) PCT/US2004/030615
- (22) 20 Sep/sep 2004 (20.09.2004)
- (25) en (26) en
- (30) 60/504,138 19 Sep/sep 2003 US  
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- (30) 10/944,374 17 Sep/sep 2004 US  
(17.09.2004)
- (30) 10/944,317 17 Sep/sep 2004 US  
(17.09.2004)
- (30) 10/944,071 17 Sep/sep 2004 US  
(17.09.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • JET EJECTOR SYSTEM AND METHOD  
• SYSTEME ET PROCEDE D'EJECTEUR  
DE JET
- (71) THE TEXAS A & M UNIVERSITY  
SYSTEM [US/US]; Technology Licensing  
Office, 3369 TAMU, College Station, TX  
77843 (US).

*(for all designated States except / pour tous  
les États désignés sauf US)*

- (72, 75) HOLTZAPPLE, Mark, T. [US/US];  
1805 Southwood Drive, College Station,  
TX 77840-4859 (US). NOYES, Gary, P.  
[US/US]; 180 Townboro Drive, Houston,  
TX 77062 (US). RABROKER, George, A.  
[US/US]; 8713 Sandstone, College Station,  
TX 77845 (US).
- (74) WILLIAMS, Bradley, P.; Baker Boots LLP,  
2001 Ross Avenue, Dallas, TX 75201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

- (51)<sup>7</sup> F02C 9/32, 9/28, F01D 15/10, F02C 7/275,  
F25B 7/00, 11/00
- (11) WO 2005/028832 (13) A1
- (21) PCT/US2004/029424
- (22) 9 Sep/sep 2004 (09.09.2004)
- (25) en (26) en
- (30) 10/661,849 12 Sep/sep 2003 US  
(12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MULTI-SPOOL TURBOGENERATOR  
SYSTEM AND CONTROL METHOD  
• SYSTEME DE TURBO-GENERATRICE  
MULTI-CORPS ET PROCEDE DE COM-  
MANDE
- (71) MES INTERNATIONAL, INC. [US/US];  
P.O. Box 5938, Asheville, NC 28813 (US).  
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les États désignés sauf US)*
- (72, 75) BELOKON, Alexander, A. [RU/RU];  
15, Apartment 102, Pavla Korchagiha Street,  
Moscow (RU). SENKEVICH, Mikhail,  
V. [RU/RU]; #24/3, Apartment 141, Bra-  
teevskaya Street, Moscow (RU). TOUCH-  
TON, George, L., III [US/US]; 35134  
Millwood Court, Newark, CA 94560 (US).
- (74) HILL, Donald, M., Jr. et al. / etc.; Alston  
& Bird LLP, Bank of America Plaza, Suite  
4000, 101 South Tryon Street, Charlotte, NC  
28280-4000 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

- (72, 75) HILL, Donald, M., Jr. et al. / etc.; Alston  
& Bird LLP, Bank of America Plaza, Suite  
4000, 101 South Tryon Street, Charlotte, NC  
28280-4000 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

- (51)<sup>7</sup> F02D
- (11) WO 2005/028833 (13) A2
- (21) PCT/US2004/030279
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 10/665,634 19 Sep/sep 2003 US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHODS FOR LOW EMISSION,  
CONTROLLED TEMPERATURE COM-  
BUSTION IN ENGINES WHICH UTI-  
LIZE LATE DIRECT CYLINDER IN-  
JECTION OF FUEL  
• PROCEDES POUR PRODUIRE UNE  
EMISSION FAIBLE, COMBUSTION A  
TEMPERATURE COMMANDEE DANS  
DES MOTEURS QUI UTILISENT UNE  
INJECTION DIRECTE DE CARBU-  
RANT DANS DES CYLINDRES A  
RETARDEMENT
- (71) U.S. ENVIRONMENTAL PROTECTION  
AGENCY [US/US]; 1200 Pennsylvania Av-  
enue, Washington, DC 20460 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72) GRAY, Charles, L., Jr.; 4323 Cordley Lake  
Road, Pinckney, MI 48169 (US).
- (74) READ, David, H.; U.S. Environmental Pro-  
tection Agency, National Vehicle and Fuel  
Emissions Laboratory, 2565 Plymouth Road,  
Ann Arbor, MI 48105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- (51)<sup>7</sup> F02D 11/10
- (11) WO 2005/028834 (13) A1
- (21) PCT/EP2004/009424
- (22) 24 Aug/août 2004 (24.08.2004)
- (25) de (26) de
- (30) 103 41 394.4 5 Sep/sep 2003 DE  
(05.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ADJUSTING DEVICE, ESPECIALLY  
FOR THE THROTTLE VALVE OF AN  
INTERNAL COMBUSTION ENGINE  
• DISPOSITIF DE POSITIONNEMENT  
CONÇU EN PARTICULIER POUR UN  
PAPILLON DE MOTEUR A COMBUS-  
TION INTERNE
- (71) PIERBURG GMBH [DE/DE]; Alfred-Pier-  
burg-Strasse 1, 41460 Neuss (DE).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) NEISE, Ralf [DE/DE]; Max-Steinke-Strasse 32, 13086 Berlin (DE).

(74) TER SMITTEN, Hans; Alfred-Pierburg-Strasse 1, 40460 Neuss (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> F02D 35/02

(11) WO 2005/028835 (13) A1

(21) PCT/JP2004/013282

(22) 7 Sep/sep 2004 (07.09.2004)

(25) en (26) en

(30) 2003-326433 18 Sep/sep 2003 JP (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF ESTIMATING STATE QUANTITY OR TEMPERATURE OF GAS MIXTURE FOR INTERNAL COMBUSTION ENGINE

• PROCÉDE D'ESTIMATION DE LA QUANTITE D'ÉTAT OU LA TEMPÉRATURE DU MÉLANGE ALIMENTANT UN MOTEUR A COMBUSTION INTERNE

(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyoto-cho, Toyota-shi, Aichi 471-8571 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAYAMA, Shigeki [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyoto-cho, Toyota-shi, Aichi 471-8571 (JP). IBUKI, Taku [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyoto-cho, Toyota-shi, Aichi 471-8571 (JP).

(74) PROSPEC PATENT FIRM; 12th Floor, Nagoya-KS Building, 1-18, Taiko 3-chome, Nakamura-ku, Nagoya-shi, Aichi 453-0801 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F02D 41/20, H01L 41/04

(11) WO 2005/028836 (13) A1

(21) PCT/GB2004/004067

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 03255965.0 23 Sep/sep 2003 EP (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A DRIVE CIRCUIT FOR AN INJECTOR ARRANGEMENT

• CIRCUIT D'ATTAQUE POUR AGENCEMENT D'INJECTEUR

(71) DELPHI TECHNOLOGIES, INC. [US/US]; P.O. Box 5052, Troy, MI 48007 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARTIN, Steven, J. [GB/GB]; 26 Herne Bay Road, Sturry, Canterbury, Kent CT2 0NJ (GB).

(74) HOPLEY, Joanne, Selina et al. / etc.; David Keltie Associates, Fleet Place House, 2 Fleet Place, London EC4M 7ET (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F02D 42/30

(11) WO 2005/028837 (13) A2

(21) PCT/CA2004/001735

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 2,441,686 23 Sep/sep 2003 CA (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR CONTROLLING COMBUSTION IN AN INTERNAL COMBUSTION ENGINE AND PREDICTING PERFORMANCE AND EMISSIONS

• PROCÉDE DE COMMANDE DE COMBUSTION DANS UN MOTEUR THERMIQUE ET PERFORMANCES ET EMISSIONS PREVUES

(71) WESTPORT RESEARCH INC. [CA/CA]; 2nd Floor - 1700 West 75th Avenue, Vancouver, British Columbia V6P 6G2 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HILL, Philip, G. [CA/CA]; 2037 Allison Road, Vancouver, British Columbia V6T 1T2 (CA). DUNN, Mark [CA/CA]; 2263 Rebut Lane, Vancouver, British Columbia V6K 4V7 (CA). LI, Guowei [CA/CA]; 206 - 1251 West 71st Avenue, Vancouver, British Columbia V6P 3A9 (CA). ZHANG, Dehong [CA/CA]; 703 - 2121 West 41st Avenue, Vancouver, British Columbia V6M 2G5 (CA).

(74) OYEN, Gerald, O., S.? et al. / etc.; 480 - The Station, 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 14 Sep/sep 2004 (14.09.2004)

(25) ja (26) ja

(30) 2003-331398 24 Sep/sep 2003 JP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-SIGNAL ANALYSIS DEVICE

• DISPOSITIF D'ANALYSE MULTI-SIGNAL

(71) A & D COMPANY, LTD. [JP/JP]; 3-23-14, Higashi-Ikebukuro, Toshima-ku, Tokyo 170-0013 (JP). HINO MOTORS, LTD. [JP/JP]; 1-1, Hinodai 3-chome, Hino-shi, Tokyo 191-8660 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUGITA, Mitsuharu [JP/JP]; c/o Development & Technical Center, A & D Company, Ltd., 243, Asahi 1-chome, Kitamoto-shi, Saitama 364-8585 (JP). URANO,

- Yasunori** [JP/JP]; c/o Hino Motors, Ltd., 1-1, Hino-dai 3-chome, Hino-shi, Tokyo 191-8660 (JP).
- (74) **MATSUMOTO, Masatoshi**; Ikuta & Nakoshi, Roppongi First Bldg., 7F., 9-9, Roppongi 1-chome, Minato-ku, Tokyo 106-0032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- 
- (51)<sup>7</sup> F02D 45/00, G01M 15/00
- (11) WO 2005/028839 (13) A1
- (21) PCT/JP2004/013524
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) ja (26) ja
- (30) 2003-324878 17 Sep/sep 2003 JP (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND SYSTEM FOR ADAPTATION OF TRANSIENT ENGINE PERFORMANCE
- PROCEDE ET SYSTEME D'ADAPTATION DE PERFORMANCE DE MOTEUR TRANSITOIRE
- (71) **HINO MOTORS, LTD.** [JP/JP]; 3-1-1, Hino-dai, Hino-shi Tokyo, 1918660 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **URANO, Yasunori** [JP/JP]; c/o Hino Motors, Ltd., 3-1-1, Hino-dai, Hino-shi Tokyo, 1918660 (JP). **TAKADA, Hitoshi** [JP/JP]; c/o Hino Motors, Ltd., 3-1-1, Hino-dai, Hino-shi Tokyo, 1918660 (JP).
- (74) **IDE, Naotaka** et al. / etc.; 26-18, Sekimachi-kita 2-chome, Nerimaku Tokyo, 1770051 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F02D 45/00, G01F 1/68
- (11) WO 2005/028840 (13) A1
- (21) PCT/JP2004/013810
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) ja (26) ja
- (30) 2003-331552 24 Sep/sep 2003 JP (24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HEATING RESISTOR TYPE FLUID FLOW MEASURING APPARATUS AND CONTROL DEVICE OF INTERNAL COMBUSTION ENGINE HAVING THE FLOW MEASURING APPARATUS
- APPAREIL DE MESURE D'ECOULEMENT LIQUIDE A RESISTANCE CHAUFFANTE ET REGULATEUR DE MOTEUR A COMBUSTION INTERNE COMPORTANT LEDIT APPAREIL
- (71) **HITACHI, LTD.** [JP/JP]; 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280 (JP). **HITACHI CAR ENGINEERING CO., LTD.** [JP/JP]; 2477, Takaba, Hitachinaka-shi, Ibaraki, 3120062 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MORINO, Takeshi** [JP/JP]; c/o Automotive Systems, Hitachi, Ltd., 2520, Ohaza-Takaba, Hitachinaka-shi, Ibaraki, 3120062 (JP). **KOBAYASHI, Chihiro** [JP/JP]; c/o Automotive Systems, Hitachi, Ltd., 2520, Ohaza-Takaba, Hitachinaka-shi, Ibaraki, 3120062 (JP). **IGARASHI, Shinya** [JP/JP]; c/o Hitachi Car Engineering Co., Ltd., 2477, Takaba, Hitachinaka-shi, Ibaraki, 3120062 (JP). **OTAKA, Kiichi** [JP/JP]; c/o Automotive Systems, Hitachi, Ltd., 2520, Ohaza-Takaba, Hitachinaka-shi, Ibaraki, 3120062 (JP). **NISHI, Yasuji** [JP/JP]; c/o Toyota Motor Corporation, 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP). **KOJIMA, Yasunobu** [JP/JP]; c/o Toyota Industries Corporation, 2-1, Toyoda-cho, Kariya-shi, Aichi, 4488671 (JP).
- (74) **KASUGA, Yuzuru**; 7th Fl., Kyodo Bldg.-Shinkodenmachi, 1-3, Nihonbashi-Kodenmachi, Chuo-ku, Tokyo, 1030001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F02G 1/043, F16F 1/12
- (11) WO 2005/028841 (13) A1
- (21) PCT/US2004/030481
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 10/665,914 19 Sep/sep 2003 US (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MACHINED SPRING DISPLACER FOR STIRLING CYCLE MACHINES
- PISTON A RESSORT USINE POUR MACHINES A CYCLE DE STIRLING
- (71) **CHRYSALIS TECHNOLOGIES INCORPORATED** [US/US]; 7801 Whitepine Road, Richmond, VA 23237-2210 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PELLIZZARI, Roberto, O.** [US/US]; 95 Raddin Road, Groton, MA 01450 (US). **GEDEON, David** [US/US]; 16922 South Canaan Road, Athens, OH 45701 (US). **PENSWICK, Laurence, B.** [US/US]; 121 Carefree Drive, Stevenson, WA 98648 (US).
- (74) **MLOTKOWSKI, Michael, J.**; Roberts, Mlotkowski & Hobbes, 8270 Greensboro Drive, Suite 850, McLean, VA 22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F02K
- (11) WO 2005/028842 (13) A2
- (21) PCT/US2003/022745
- (22) 22 Jul/juil 2003 (22.07.2003)
- (25) en (26) en
- (30) 10/200,597 23 Jul/juil 2002 US (23.07.2002)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CONTROLLED AUTOIGNITION PROPELLANT SYSTEMS
- SYSTEMES DE PROPERGOLS A AUTO-ALLUMAGE CONTROLE
- (71) **ATLANTIC RESEARCH CORPORATION** [US/US]; 5945 Wellington Road, Gainesville, VA 20155-1699 (US).
- (72) **GRAHAM, Kenneth, J.**; 6462 Appromattox Drive, Warrenton, VA 22488 (US). **GROVE, Edna, M.**; 156 Skyway Lane, Chester, VA 22623 (US). **LYNCH, Robert, D.**; 7312 Stuart Circle, Warrenton, VA 20187 (US). **SPEAR, Guy, B.**; P.O. Box 8, 10636 Dominion Court, Orlean, VA 20128 (US).
- (74) **PRESTA, Frank, P.**; Nixon & Vanderhye P.C., Suite 800, 1100 North Glebe Road, Arlington, VA 22201-4714 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F02K

(11) WO 2005/028843 (13) A2

(21) PCT/US2004/016020

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 10/249,967 22 May/mai 2003 US (22.05.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ROTARY INJECTOR  
• INJECTEUR ROTATIF

(71) WILLIAMS INTERNATIONAL CO., L.L.C. [US/US]; 2280 West Maple Road, P.O. Box 200, Walled Lake, MI 48390-0200 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CONDEVEAUX, Jamey J. [US/US]; 3035 Ferris, Royal Oak, MI 48073 (US). DEFEVER, Guido J. [US/US]; 1880 Westport Lane, Commerce Township, MI 48382 (US).

(74) VAN VOORHIES, Kurt L. et al. / etc.; Dinnin & Dunn, P.C., 2701 Cambridge Court, Suite 500, Auburn Hills, MI 48326 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> F02K 9/97, F42B 10/66

(11) WO 2005/028844 (13) A1

(21) PCT/NO2004/000272

(22) 14 Sep/sep 2004 (14.09.2004)

(25) no (26) en

(30) 20034266 24 Sep/sep 2003 NO (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ROCKET ENGINE HAVING GUIDE VANES IN THE NOZZLE OF THE ENGINE

• MOTEUR-FUSEE COMPORTANT DES AUBES DIRECTRICES

(71) NAMMO RAUFLOSS AS [NO/NO]; P.O. Box 162, N-2831 Raufoss (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ØRBEKK, Erland [NO/NO]; Ragnhilds vei 15, N-2819 Gjøvik (NO).

(74) J.K. THORSENS PATENTBUREAU A/S; P.O. Box 9276 Gronland, Grønlandsleiret 31, N-0134 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F02M 7/00, F02D 41/14

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(21) PCT/US2004/029328

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 10/663,630 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INTERNAL COMBUSTION ENGINE CYLINDER-TO-CYLINDER BALANCING WITH BALANCED AIR-FUEL RATIOS

• EQUILIBRAGE ENTRE LES CYLINDRES D'UN MOTEUR A COMBUSTION INTERNE AU MOYEN DE RAPPORTS EQUILIBRES AIR/CARBURANT

(71) SOUTHWEST RESEARCH INSTITUTE [US/US]; 6220 Culebra Road, San Antonio, TX 78238-5100 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARRIS, Ralph E. [US/US]; 8510 Queen Heights, San Antonio, TX 78254 (US). BOURN, Gary D. [US/US]; 8418 Timber Coach, San Antonio, TX 78250 (US). SMALLEY, Anthony J. [US/US]; 11919 Pepperidge Cove, San Antonio, TX 78213 (US).

(74) LIVINGSTON, Ann C.; BAKER BOTTS L.L.P., 98 San Jacinto Blvd., 1500 San Jacinto Center, Austin, TX 78701-4039 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F02M 21/02, F02D 19/02, 19/06, 23/00

(11) WO 2005/028846 (13) A1

(21) PCT/EP2004/009381

(22) 21 Aug/août 2004 (21.08.2004)

(25) de (26) de

(30) 103 39 854.6 29 Aug/août 2003 DE (29.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INTERNAL COMBUSTION ENGINE  
• MOTEUR A COMBUSTION INTERNE

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERTSCH, Ulrich [DE/DE]; Rathausstrasse 37, 71576 Burgstetten (DE).

(74) KREISER, André et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM-C106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/EP2004/009335

(22) 20 Aug/août 2004 (20.08.2004)

(25) de (26) de

(30) 103 40 908.4 5 Sep/sep 2003 DE (05.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INTERNAL COMBUSTION ENGINE FOR A MOTOR VEHICLE  
• MOTEUR A COMBUSTION INTERNE POUR VEHICULE

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BENDER, Franz [DE/DE]; Egerlandstrasse 97, 73240 Wendlingen (DE).

(74) KOLB, Georg; DaimlerChrysler AG, Intellectual Property Management, IPM-C106, 70546 Stuttgart (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F02M 25/07, F01N 3/28
- (11) WO 2005/028848 (13) A1
- (21) PCT/EP2004/009687
- (22) 31 Aug/août 2004 (31.08.2004)
- (25) de (26) de
- (30) 103 43 698.7 18 Sep/sep 2003 DE (18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • EXHAUST-GAS HEAT EXCHANGER, IN PARTICULAR EXHAUST-GAS COOLER FOR EXHAUST GAS RECIRCULATION IN MOTOR VEHICLES
- ECHANGEUR DE CHALEUR DE GAZ D'ÉCHAPPEMENT, NOTAMMENT REFROIDISSEUR DE GAZ D'ÉCHAPPEMENT POUR LE RECYCLAGE DE GAZ D'ÉCHAPPEMENT DANS DES VÉHICULES AUTOMOBILES
- (71) BEHR GMBH & CO. KG [DE/DE]; Mauserstrasse 3, 70469 Stuttgart (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LUTZ, Rainer [DE/DE]; In der Gartenstadt 28, 71711 Steinheim (DE).
- (74) BEHR GMBH & CO. KG; Intellectual Property, Mauserstrasse 3, 70469 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F02M 31/20, F28F 1/02, F28D 1/047
- (11) WO 2005/028849 (13) A1
- (21) PCT/EP2004/052222
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) TO2003 A 000724 19 Sep/sep 2003 IT (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A COOLING DEVICE FOR A FUEL-RECIRCULATION CIRCUIT FROM THE INJECTION SYSTEM TO THE TANK OF A MOTOR VEHICLE
- DISPOSITIF DE REFROIDISSEMENT DU CIRCUIT DE RECIRCULATION DE CARBURANT RELIANT LE SYSTÈME D'INJECTION AU RÉSERVOIR D'UN VÉHICULE A MOTEUR
- (71) DAYCO FUEL MANAGEMENT S.p.A. [IT/IT]; Via Andrea Doria, 15, I-10123 TORINO (IT).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DEFILIPPI, Roberto [IT/IT]; Via Isonzo, 123/8, I-10141 TORINO (IT). VIL-LANO, Antonio [IT/IT]; Via Dei Colli, 6, I-10020 VALDISSERO TORINESE (IT).
- (74) JORIO, Paolo et al. / etc.; STUDIO TORTA S.r.l., Via Viotti, 9, I-10121 TORINO (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- DISPOSITIF DE REFROIDISSEMENT POUR CIRCUIT DE RECIRCULATION DE CARBURANT
- (71) DAYCO FUEL MANAGEMENT S.p.A. [IT/IT]; Via Andrea Doria, 15, I-10123 Torino (IT).  
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- VALVE A INJECTION DE COMBUSTIBLE
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- SYSTEME D'ALIMENTATION EN CARBURANT GAZEUX HAUTE PRESION POUR MOTEUR THERMIQUE ET METHODE D'ETANCHEIFICATION DES RACCORDES ENTRE COMPOSANTS DESTINEE A EMPECHER LES FUITES DUDIT CARBURANT
- (71) WESTPORT RESEARCH INC. [CA/CA]; 2nd Floor, 1700 West 75th Avenue, Vancouver, British Columbia V6P 6G2 (CA).  
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (54) ● FUEL INJECTION VALVE FOR INTERNAL COMBUSTION ENGINE
- SOUPEPE D'INJECTION DE CARBURANT POUR MOTEUR A COMBUSTION INTERNE
- (71) BOSCH AUTOMOTIVE SYSTEMS CORPORATION [JP/JP]; 6-7, Shibuya 3-chome, Shibuya-ku, Tokyo 150-8360 (JP).  
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- PROCEDE DE DEMARRAGE D'UNE MOTEUR DE VEHICULE DE TRANSPORT
- (71, 72) SHEVYAKOV, Alexandr Vasilyevich [RU/RU]; ul. Molodezhnaya, 6/38-15, Dzerzhinsk, Nizhnegorodskaya obl., 606036 (RU).
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- MOTEUR A COMBUSTION INTERNE
- (71) AVL LIST GMBH [AT/AT]; Hans-List-Platz 1, A-8020 GRAZ (AT).  
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- (71) ATLANTIS ENERGY LIMITED [AU/AU]; Suite 16, 221 River Street, Maclean, NSW 2463 (AU).  
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• MOTEUR ROTATIF A POUSSÉE D'ARCHIMEDE
- (71, 72) SANTOS, José Raimundo Dos [BR/BR]; Rua Francisco Paes, 229-Centro, CEP-12210-904 São José Dos Campos, São Paulo (BR).
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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• MECANISME DE PRODUCTION D'ENERGIE EOLIENNE
- (71) DAIWA HOUSE INDUSTRY CO., LTD. [JP/JP]; 3-5, Umeda 3-chome, Kita-ku, Osaka-shi, Osaka 530-8241 (JP).
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 (54) • BEARING HOUSING  
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- (71) ZEXEL VALEO CLIMATE CONTROL CORPORATION [JP/JP]; 39, Aza Higashihara, Oaza Sendai, Konan-machi, Osato-gun, Saitama 360-0193 (JP).  
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F04B 1/32, 49/00, 49/08  
 (11) WO 2005/028863 (13) A1  
 (21) PCT/EP2004/009643  
 (22) 30 Aug/août 2004 (30.08.2004)  
 (25) de (26) de  
 (30) 103 41 331.6 8 Sep/sep 2003 DE (08.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • POWER REGULATING DEVICE  
 • DISPOSITIF DE REGULATION DE PUISSANCE
- (71) BRUENINGHAUS HYDROMATIK GMBH [DE/DE]; Glockeraustrasse 2, 89275 Elchingen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BLUM, Karl-Heinz [DE/DE]; Eberhardstr. 11, 72160 Obertalheim (DE). LUDSCHER, Harald [DE/DE]; Hauptstr. 146, 72186 Empfingen (DE). KAUSS, Wolfgang [DE/FR]; 4, Impasse des Capucines, F-69340 Francheville (FR).
- (74) KÖRFER, Thomas; Mitscherlich & Partner, Sonnenstrasse 33, Postfach 33 06 09, 80066 München (DE).
- 
- (51)<sup>7</sup> F04B 27/12  
 (11) WO 2005/028865 (13) A1  
 (21) PCT/JP2004/012162  
 (22) 25 Aug/août 2004 (25.08.2004)  
 (25) ja (26) ja
- (30) 2003-330884 24 Sep/sep 2003 JP (24.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • VARIABLE DISPLACEMENT TYPE CLUTCHLESS COMPRESSOR  
 • COMPRESSEUR SANS EMBRAYAGE A DEPLACEMENT VARIABLE
- (71) ZEXEL VALEO CLIMATE CONTROL CORPORATION [JP/JP]; 39, Aza Higashihara, Oaza Sendai, Konan-machi, Osato-gun, Saitama 360-0193 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KAZAHAYA, Yukio [JP/JP]; c/o Zexel Valeo Climate Control Corporation, 39, Aza Higashihara, Oaza Sendai, Konan-machi, Osato-gun, Saitama 360-0193 (JP).
- (74) ONUKI, Kazuyasu et al. / etc.; Shineimiya-masu Building 5th Floor, 8-8, Shibuya 1-chome, Shibuya-ku, Tokyo 150-0002 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F04B 27/16  
 (11) WO 2005/028866 (13) A2  
 (21) PCT/EP2004/010048  
 (22) 9 Sep/sep 2004 (09.09.2004)  
 (25) de (26) de  
 (30) 103 44 920.5 17 Sep/sep 2003 DE (17.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • AXIAL PISTON COMPRESSOR  
 • COMPRESSEUR A PISTONS AXIAUX
- (71) BITZER KÜHLMASCHINENBAU GMBH [DE/DE]; Eschenbrunnlestrasse 15, 71065 Sindelfingen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KACZMAREK, Per [DE/DE]; Brandstrasse 2, 04277 Leipzig (DE).
- (74) BECK, Jürgen; Hoeger, Stellrecht & Partner, Uhländstrasse 14c, 70182 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> **F04B 35/04, H02K 1/12, 15/02, F25B 1/02, F16D 65/00**

(11) **WO 2005/028867** (13) A1

(21) PCT/KR2004/002225

(22) **2 Sep/sep 2004 (02.09.2004)**

(25) en (26) en

(30) 10-2003-0065658 **22 Sep/sep 2003 KR (22.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) ● APPARATUS FOR FIXING STATOR OF MOTOR OF RECIPROCAL COMPRESSOR, AND METHOD THEREFOR  
● APPAREIL DESTINE A FIXER LE STATOR D'UN MOTEUR DE COMPRESSEUR RECIPROQUE ET PROCEDE ASSOCIE

(71) **LG ELECTRONICS INC. [KR/KR];** 20 Yoido-Dong, Yongdungpo-Gu, Seoul 150-010 (KR).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HYEON, Seong-Yeol [KR/KR];** Jugong Apt., 209-302 Sinwol-Dong, Changwon, Gyeongsangnam-Do 641-782 (KR).

(74) **PARK, Jang-Won;** Jewoo Bldg. 5th Floor, 200 Nonhyun-Dong, Gangnam-Gu, Seoul, 135-010 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F04B 39/00, 39/12**

(11) **WO 2005/028868** (13) A1

(21) PCT/KR2004/002223

(22) **2 Sep/sep 2004 (02.09.2004)**

(25) en (26) en

(30) 10-2003-0065648 **22 Sep/sep 2003 KR (22.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) ● RECIPROCATING COMPRESSOR HAVING SUPPORTING UNIT ATTENUATING LATERAL DISPLACEMENT THEREOF

● COMPRESSEUR A MOUVEMENT ALTERNATIF COMPRENANT UNE UNITE DE SUPPORT ATTENUANT SON DEPLACEMENT LATERAL

(71) **LG ELECTRONICS INC. [KR/KR];** 20 Yoido-Dong, Yongdungpo-Gu, Seoul 150-010 (KR).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LEE, Min-Woo [KR/KR];** Booyoung 5cha Apt., 904-1907 Seokbong maecul, Mugye-Ri, Jangyu-myeon, Gimhae, Gyeongsangnam-Do, 621-833 (KR).

(74) **PARK, Jang-Won;** Jewoo Bldg. 5th Floor, 200 Nonhyun-Dong, Gangnam-Gu, Seoul, 135-010 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F04B 39/12**

(11) **WO 2005/028869** (13) A1

(21) PCT/JP2004/014420

(22) **24 Sep/sep 2004 (24.09.2004)**

(25) en (26) en

(30) 2003-332515 **24 Sep/sep 2003 JP (24.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) ● ROTATIONAL MOTOR AND ELECTRIC COMPRESSOR  
● MOTEUR ROTATIF ET COMPRESSEUR ELECTRIQUE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP];** 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HASEGAWA, Hiroshi OKAICHI, Atsuo NISHIWAKI, Fumitoshi**

(74) **SHIMIZU, Yoshihiro et al. / etc.;** 3rd Floor, Yashiro Building, 14-4, Takadanobaba 2-chome, Shinjuku-ku, Tokyo 169-0075 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **F04B 39/12**

(11) **WO 2005/028870** (13) A1

(21) PCT/KR2004/000527

(22) **12 Mar/mar 2004 (12.03.2004)**

(25) en (26) en

(30) 10-2003-0065671 **22 Sep/sep 2003 KR (22.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) ● STOPPER OF COMPRESSOR  
● BUTEE DE COMPRESSEUR

(71) **LG ELECTRONICS INC. [KR/KR];** 20, Yoido-Dong, Yongdungpo-Gu, Seoul 150-010 (KR).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LEE, Dong-Won [KR/KR];** Daedong Apt. 107-1204, Sangnam-Dong, Changwon, Gyeongsangnam-Do 641-777 (KR).

(74) **PARK, Jang-Won;** Jewoo Bldg. 5th Floor, 200, Nonhyun-Dong, Gangnam-Gu, Seoul 135-010 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F04C 29/00, 29/10, 25/00**

(11) **WO 2005/028871** (13) A1

(21) PCT/GB2004/004009

(22) **20 Sep/sep 2004 (20.09.2004)**

(25) en (26) en

(30) 0322238.7 **23 Sep/sep 2003 GB (23.09.2003)**

(30) 0409568.3 **29 Apr/avr 2004 GB (29.04.2004)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) ● CLEANING METHOD OF A ROTARY PISTON VACUUM PUMP  
● PROCEDE DE NETTOYAGE D'UNE POMPE A VIDE A PISTON ROTATIF

(71) **THE BOC GROUP PLC [GB/GB];** Chertsey Road, Windlesham, Surrey GU20 6HJ (GB).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MANSON, David, Paul [GB/GB];** BOC Edwards, Unit 2, 23 Dolphin Road, Shoreham by Sea., West Sussex BN43 6PY (GB). **LASKEY, Kristian [GB/GB];** BOC Edwards, Unit 2, 23 Dolphin Road, Shoreham-by-Sea, West Sussex BN43 6PY (GB).

(74) **BOOTH, Andrew, Steven;** The Boc Group Plc, Chertsey Road, Windlesham, Surrey GU20 6HJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F04D

(11) WO 2005/028872 (13) A2
(21) PCT/US2004/029357
(22) 9 Sep/sep 2004 (09.09.2004)
(25) en (26) en
(30) 60/504,233 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)
(54) • ROTARY BLOOD PUMP
• POMPE A SANG ROTATIVE

(71) MYRAKELLE, LLC [US/US]; Legal Department, 3298 Swetzer Road, Loomis, California 95650 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WAMPLER, Richard [US/US]; 5360 Barton Road, Loomis, California 95650 (US). LANCISI, David [US/US]; 104 Luttrell Court, Folsom, California 95630 (US).

(74) DAVIS, William; Davis & Associates, P.O. Box 1093, Dripping Springs, Texas 78620 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F04D 13/02

(11) WO 2005/028873 (13) A1
(21) PCT/KR2004/001623
(22) 2 Jul/juil 2004 (02.07.2004)
(25) en (26) en
(30) 20-2003-0029923 22 Sep/sep 2003 KR (22.09.2003)

(30) 10-2003-0065721 23 Sep/sep 2003 KR (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VEHICULE ENGINE'S DRIVING FORCE TRANSFER METHOD TO OUTSIDE EQUIPMENT

• PROCEDE DE TRANSFERT DE FORCE D'ENTRAINEMENT DE MOTEUR DE VEHICULE A UN EQUIPEMENT EXTERIEUR

(71, 72) SHIN, Dong Hyun [KR/KR]; 107-103 Moosigae-mawool, Kumi-dong Bundang-gu, Sungnam 463-703 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F04D 19/04

(11) WO 2005/028874 (13) A1
(21) PCT/JP2004/012409
(22) 27 Aug/août 2004 (27.08.2004)
(25) ja (26) ja
(30) 2003-323378 16 Sep/sep 2003 JP (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FIXING STRUCTURE FOR FIXING ROTOR SHAFT TO ROTATING BODY AND TURBO MOLECULAR PUMP HAVING THE FIXING STRUCTURE
• STRUCTURE DE FIXATION DESTINEE A FIXER UN ARBRE DE ROTOR A UN CORPS ROTATIF ET POMPE TURBOMOLECULAIRE POSSEDANT CETTE STRUCTURE DE FIXATION

(71) BOC EDWARDS JAPAN LIMITED [JP/JP]; Shuwa Shiba Park Building, 4-1, Shibakoen 2-chome, Minato-ku Tokyo, 1050011 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAEJIMA, Yasushi [JP/JP]; c/o BOC EDWARDS JAPAN LIMITED, 3-1, Yashiki 4-chome, Narashino-shi Chiba, 2750004 (JP). INAYOSHI, Yutaka [JP/JP]; c/o BOC EDWARDS JAPAN LIMITED, 3-1, Yashiki 4-chome, Narashino-shi Chiba, 2750004 (JP). KAWANISHI, Shinji [JP/JP]; c/o BOC EDWARDS JAPAN LIMITED, 3-1, Yashiki 4-chome, Narashino-shi Chiba, 2750004 (JP). SAKURAI, Isao [JP/JP]; c/o BOC EDWARDS JAPAN LIMITED, 3-1, Yashiki 4-chome, Narashino-shi Chiba, 2750004 (JP). SUDA, Hiroyuki [JP/JP]; c/o BOC EDWARDS JAPAN LIMITED, 3-1, Yashiki 4-chome, Narashino-shi Chiba, 2750004 (JP). AKIMOTO, Tsuyoshi [JP/JP]; c/o BOC EDWARDS JAPAN LIMITED, 3-1, Yashiki 4-chome, Narashino-shi Chiba, 2750004 (JP).

(74) SHIINA, Masatoshi; Hayashi Bldg. 2F, 10-9, Hatchobori 4-chome, Chuo-ku Tokyo 1040032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ

TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F04D 29/54, F01P 11/10

(11) WO 2005/028875 (13) A1
(21) PCT/JP2004/014008
(22) 17 Sep/sep 2004 (17.09.2004)
(25) ja (26) ja
(30) 2003-328057 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BLOWER AND HEAT EXCHANGER USING THE SAME
• VENTILATEUR DE SOUFFLAGE ET ECHANGEUR DE CHALEUR COMPRENANT CE VENTILATEUR

(71) DENSO CORPORATION [JP/JP]; 1, Showa-cho 1-chome, Kariya-shi, Aichi, 4488661 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IWASAKI, Takahiro [JP/JP]; c/o DENSO CORPORATION, 1, Showa-cho 1-chome, Kariya-shi, Aichi, 4488661 (JP). ODA, Shinichi [JP/JP]; c/o DENSO CORPORATION, 1, Showa-cho 1-chome, Kariya-shi, Aichi, 4488661 (JP).

(74) AOKI, Atsushi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo, 1058423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F04D 29/70, 29/44, 25/04

(11) WO 2005/028876 (13) A1
(21) PCT/CH2004/000597
(22) 22 Sep/sep 2004 (22.09.2004)
(25) de (26) de
(30) 60/505,716 25 Sep/sep 2003 US (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPRESSOR CLEANING SYSTEM
• NETTOYAGE DE COMPRESSEUR

(71) ABB RESEARCH LTD. [CH/CH]; Affolternstrasse 52, CH-8050 Zürich (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THIELE, Martin** [DE/CH]; Im Röhler 20, CH-5406 Baden-Rüthof (CH). **FUHRMANN, Henning** [DE/CH]; Meier-Bosshard-Strasse 12, CH-8048 Zürich (CH). **STRÜMLER, Ralf** [DE/DE]; Rudolf-Diesel-Strasse 3E, 85435 Erding (DE). **GLATZ-REICHENBACH, Joachim** [DE/CH]; Kirchweg 4, CH-8274 Tägerwilten (CH).

(74) **ABB SCHWEIZ AG**; Intellectual Property (CH-LC/IP), Brown Boveri Strasse 6, CH-5400 Baden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F04F 5/46, 5/54

(11) WO 2005/028877 (13) A2

(21) PCT/US2004/029656

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 10/661,810 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HIGH RESPONSE, COMPACT TURBOCHARGER

• TURBOCOMPRESSEUR COMPACT TRES SENSIBLE

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARNOLD, Steven, Don** [US/US]; 3351 Deluna Drive, Rancho Palos Verdes, CA 90275 (US). **VERSCHOOR, Martin** [US/US]; 16 Country Lane, Rolling Hills Estate, CA 90274 (US). **VRBAS, Gary** [US/US]; 1233 Cary Avenue, Wilmington, CA 90744 (US).

(74) **DAVID, Hoiriis et al.** / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F15B 1/26, 13/00

(11) WO 2005/028878 (13) A1

(21) PCT/EP2004/009567

(22) 27 Aug/août 2004 (27.08.2004)

(25) de (26) de

(30) 103 43 330.9 11 Sep/sep 2003 DE (11.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONSTRUCTION-KIT SYSTEM

• SYSTÈME MODULAIRE

(71) **HYDAC ACCESSORIES GMBH** [DE/DE]; Industriegebiet, 66280 Sulzbach/Saar (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAUGAARD, Jens, Laurvig** [DK/DK]; cpr. 171063-2363, Gl. Byevej 69, DK-5792 Aarslev (DK).

(74) **BARTELS UND PARTNER**; Lange Strasse 51, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F15B 7/00, 7/10

(11) WO 2005/028879 (13) A1

(21) PCT/EP2004/010412

(22) 16 Sep/sep 2004 (16.09.2004)

(25) de (26) de

(30) 103 43 016.4 17 Sep/sep 2003 DE (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HYDRAULIC CONTROL AND ADJUSTMENT SYSTEM WITH VOLUME EQUALIZATION

• SYSTEME DE COMMANDE ET DE REGLAGE HYDRAULIQUE A COMPENSATION DE VOLUME

(71) **BRUENINGHAUS HYDROMATIK GMBH** [DE/DE]; Glockeraustrasse 2, 89275 Elchingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RÜCKGAUER, Norbert** [DE/DE]; Kapellenweg 9, 89185 Hüttisheim (DE).

(74) **KÖRFER, Thomas et al.** / etc.; Mitscherlich & Partner, Sonnenstrasse 33, Postfach 33 06 09, 80066 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F16B

(11) WO 2005/028880 (13) A2

(21) PCT/US2004/029794

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/659,204 10 Sep/sep 2003 US (10.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BEARING ASSEMBLY

• ENSEMBLE ROULEMENT

(71) **REXNORD CORPORATION** [US/US]; 4701 West Greenfield Avenue, Milwaukee, WI 53214 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CASEY, Marlon, R.** [US/US]; 3004 Foxfire Circle, Indianapolis, IN 46214 (US).

(74) **RADLER, Daniel, G.**; Quarles & Brady LLP, 411 E. Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16B 7/04

(11) WO 2005/028881 (13) A1

(21) PCT/EP2004/009186

(22) 17 Aug/août 2004 (17.08.2004)

(25) de (26) de

(30) 103 40 563.1 1 Sep/sep 2003 DE (01.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONNECTION OF THE FACE OF A PIPE TO AN UNDERSTRUCTURE

• RACCORDEMENT FACIAL D'UN TUBE A UNE INFRASTRUCTURE

(71) **DORMA GMBH + CO. KG** [DE/DE]; Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).

- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KREYENBORG, Ralf** [DE/DE]; Nordstrasse 14, 32107 Bad Salzuflen (DE). **LIEBENBERG, Rainer** [DE/DE]; Wilhelm Raabe Strasse 20, 32107 Bad Salzuflen (DE).
- (74) **GINZEL, Lothar**; DORMA GmbH + Co. KG, Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F16B 35/04, B29B 13/00**
- (11) **WO 2005/028882** (13) A1
- (21) PCT/US2004/030148
- (22) **16 Sep/sep 2004 (16.09.2004)**
- (25) en (26) en
- (30) 10/663,638 **16 Sep/sep 2003** US (16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **BATTERY TERMINAL BOLT**  
• **BOULON DE BORNE DE BATTERIE**
- (71) **OKABE COMPANY, INC.** [US/US]; 645 Forest Edge Drive, Vernon Hills, IL 60061-3106 (US).
- (72) **NEAL, Robert**; 1155 Woodburn, Inverness, IL 60067 (US). **BAKOS, Peter, L.**; 4991 N. Tamarack Drive, Barrington, IL 60010 (US).
- (74) **EVELEIGH, Douglas, M.** et al. / etc.; Mayer Brown, Rowe & Maw LLP, P.O. Box 2828, Chicago, IL 60690-2828 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> **F16B 35/06**
- (11) **WO 2005/028883** (13) A1
- (21) PCT/EP2004/009003
- (22) **12 Aug/août 2004 (12.08.2004)**
- (25) de (26) de
- (30) 203 13 819.8 **5 Sep/sep 2003** DE (05.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **COUNTERSUNK HEAD SCREW**  
• **VIS A TETE CONIQUE**
- (71) **A-Z AUSRÜSTUNG UND ZUBEHÖR GMBH & CO. KG** [DE/DE]; Ruhrallee 1-3, 45525 Hattingen (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DICKE, Robert** [DE/DE]; Brinker Strasse 4, 58256 Ennepetal (DE).
- (74) **SOLF, Alexander** et al. / etc.; Postfach 13 01 13, 42028 Wuppertal (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F16C 13/00, D21F 3/08, D21G 1/02, F16F 15/12**
- (11) **WO 2005/028884** (13) A1
- (21) PCT/FI2004/050114
- (22) **28 Jul/juil 2004 (28.07.2004)**
- (25) fi (26) en
- (30) 20035161 **22 Sep/sep 2003** FI (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **DAMPING ARRANGEMENT FOR DAMPING MECHANICAL VIBRATIONS IN A ROLL IN A PAPER OR BOARD MACHINE**  
• **DISPOSITIF D'AMORTISSEMENT DES VIBRATIONS MECANQUES D'UN ROULEAU DE MACHINE A PAPIER OU A CARTON**
- (71) **METSO PAPER, INC.** [FI/FI]; Fabianinkatu 9 A, FI-00130 Helsinki (FI).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KURKINEN, Leo** [FI/FI]; Kivimäentie 40 A, FI-00670 Helsinki (FI). **VANNINEN, Rami** [FI/FI]; Toimelantie 22 A, FI-04500 Kellokoski (FI).
- (74) **KESPAT OY**; P.O. Box 601, FI-40101 Jyväskylä (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> **F16C 17/10, 3/02, H02K 7/08**
- (11) **WO 2005/028885** (13) A1
- (21) PCT/JP2004/014138
- (22) **21 Sep/sep 2004 (21.09.2004)**
- (25) ja (26) ja
- (30) 2003-329792 **22 Sep/sep 2003** JP (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **DYNAMIC PRESSURE BEARING DEVICE**  
• **DISPOSITIF DE PALIER A PRESSION DYNAMIQUE**
- (71) **NTN CORPORATION** [JP/JP]; 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka, 5500003 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHIBAHARA, Katsuo** [JP/JP]; c/o NTN CORPORATION, 3066, Aza Oyumida, Oaza Higashikata, Kuwana-shi, Mie, 5110811 (JP). **NAKAJIMA, Ryouchi** [JP/JP]; c/o NTN CORPORATION, 3066, Aza Oyumida, Oaza Higashikata, Kuwana-shi, Mie, 5110811 (JP). **ITO, Kenji** [JP/JP]; c/o NTN CORPORATION, 3066, Aza Oyumida, Oaza Higashikata, Kuwana-shi, Mie, 5110811 (JP).
- (74) **EHARA, Syogo** et al. / etc.; EHARA PATENT OFFICE, 15-26, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka, 5500002 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> **F16C 19/00, 35/077, H02K 5/16, 5/173, A47L 9/00**
- (11) **WO 2005/028886** (13) A1
- (21) PCT/GB2004/003995
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) en (26) en
- (30) 0321950.8 **19 Sep/sep 2003** GB (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **A BEARING ASSEMBLY**  
• **ENSEMBLE ROULEMENT**
- (71) **DYSON TECHNOLOGY LIMITED** [GB/GB]; Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CROSSLEY, Peter Lee** [GB/GB]; 10 Chiviot Close, Tetbury, Gloucestershire GL8 8TA (GB). **CHILDE, Matthew John** [GB/GB]; 146 The Street, Melksham, Wiltshire SN12 8PR (GB).

(74) **HUCKER, Nerys et al.** / etc.; Intellectual Property Department, Dyson Limited, Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F16C 19/46, 33/64, F04B 53/00, 39/00**

(11) **WO 2005/028887** (13) A1

(21) PCT/JP2004/013424

(22) **15 Sep/sep 2004 (15.09.2004)**

(25) ja (26) ja

(30) 2003-323240 **16 Sep/sep 2003** JP  
(16.09.2003)

(30) 2003-323259 **16 Sep/sep 2003** JP  
(16.09.2003)

(30) 2003-323278 **16 Sep/sep 2003** JP  
(16.09.2003)

(30) 2003-331855 **24 Sep/sep 2003** JP  
(24.09.2003)

(30) 2003-336878 **29 Sep/sep 2003** JP  
(29.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SHELL-TYPE NEEDLE ROLLER BEARING, SUPPORTING STRUCTURE FOR COMPRESSOR MAIN SHAFT, AND SUPPORTING STRUCTURE FOR PISTON PUMP DRIVE SECTION

• ROULEMENT A AIGUILLES DU TYPE COQUE, STRUCTURE DE SUPPORT POUR ARBRE PRINCIPAL DE COMPRESSEUR, ET STRUCTURE DE SUPPORT POUR SECTION D'ENTRAÎNEMENT D'UNE POMPE A PISTON

(71) **NTN CORPORATION** [JP/JP]; 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka, 5500003 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OISHI, Shinji** [JP/JP]; c/o NTN Corporation, 1578, Higashikaizuka, Iwata-shi, Shizuoka, 4380037 (JP). **NIINA, Masatoshi** [JP/JP]; c/o Iwata Works of NTN Corporation, 1578, Higashikaizuka, Iwata-shi, Shizuoka, 4380037 (JP).

(74) **KAMADA, Bunji et al.** / etc.; 18-12, Nipponbashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0073 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F16C 19/54, 41/02**

(11) **WO 2005/028888** (13) A1

(21) PCT/EP2004/009290

(22) **19 Aug/août 2004 (19.08.2004)**

(25) de (26) de

(30) 60/501,180 **8 Sep/sep 2003** US  
(08.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BEARING ASSEMBLY FOR RECEIVING AXIAL LOADS  
• PALIER SERVANT A ABSORBER DES CONTRAINTES AXIALES

(71) **INA-SCHAEFFLER KG** [DE/DE]; Industriestrasse 1-3, 91074 Herzogenaurach (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAMBAUGH, Gabriel** [US/US]; 9726 Debonair Dr. Fort Mill, SC 29715 (US). **INGERSLEW, Jim** [US/US]; 5522 Parkstone CT, Sugarland, TX 77479 (US).

(74) **INA-SCHAEFFLER KG**; Industriestrasse 1-3, 91074 Herzogenaurach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F16C 21/00**

(11) **WO 2005/028889** (13) A1

(21) PCT/EP2004/008276

(22) **23 Jul/juillet 2004 (23.07.2004)**

(25) de (26) de

(30) 103 40 261.6 **29 Aug/août 2003** DE  
(29.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BEARING UNIT FOR A REVOLVING RADIAL LOAD

• UNITE PALIER POUR CHARGE RADIALE ROTATIVE

(71) **REXROTH INDRAMAT GMBH** [DE/DE]; Bgm.-Dr.-Nebel-Strasse 2, 97816 Lohr am Main (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHELBERT, Johannes** [DE/DE]; Hergottsborg 26, 97794 Rieneck (DE).

(74) **THÜRER, Andreas**; Bosch Rexroth AG, Zum Eisengiesser 1, 97816 Lohr am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F16C 23/08, 19/38, 33/64, B24B 35/00**

(11) **WO 2005/028890** (13) A1

(21) PCT/JP2004/014030

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) ja (26) ja

(30) 2003-324011 **17 Sep/sep 2003** JP  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SELF-ALIGNING ROLLER BEARING AND METHOD OF PROCESSING THE SAME

• ROULEMENT A ROULEAUX D'AUTO-ALIGNEMENT ET PROCEDE DE TRAITEMENT ASSOCIE

(71) **NSK LTD.** [JP/JP]; 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8560 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATSUZAKI, Kazumi** [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (JP). **UEDA, Toshio** [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (JP). **NAGANO, Koichi** [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (JP). **YAMANOUÉ, Atsushi** [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (JP).

(74) **OGURI, Shohei et al.** / etc.; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ



MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16C 32/06

(11) WO 2005/028891 (13) A1

(21) PCT/US2004/029676

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 2003-321807 12 Sep/sep 2003 JP (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FLUID DYNAMIC BEARING UNIT  
• UNITE PALIER FLUIDE DYNAMIQUE

(71) MINEBEA CO. LTD. [JP/JP]; 4106-73, Miyota, Oaza, Miyota-machi, Kitasaku-gun, Nagano-KEN 389-0293 (JP).

(72, 75) OBARA, Rikuro [JP/JP]; 4106-73 Miyota, Oaza, Miyota-Machi, Kitasaku-Gun, Nagano-Ken 389-0293 (JP).

(74) DIXIT, Mayankkumar; Schulte Roth & Zabel LLP, 919 Third Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F16C 35/02, 17/10

(11) WO 2005/028892 (13) A1

(21) PCT/JP2004/013015

(22) 1 Sep/sep 2004 (01.09.2004)

(25) ja (26) ja

(30) 2003-326231 18 Sep/sep 2003 JP (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FLUID BEARING DEVICE  
• DISPOSITIF A PALIER FLUIDE

(71) NTN CORPORATION [JP/JP]; 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka, 5500003 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SATOJI, Fuminori [JP/JP]; c/o NTN CORPORATION, 3066, Aza Oyumida, Oaza Higashikata, Kuwana-shi, Mie, 5110811 (JP). NAKAJIMA, Ryouichi [JP/JP]; c/o NTN CORPORATION, 3066, Aza Oyumida, Oaza Higashikata, Kuwana-shi, Mie, 5110811 (JP). ITO, Kenji [JP/JP]; c/o NTN CORPORATION, 3066, Aza Oyumida, Oaza Higashikata, Kuwana-shi, Mie, 5110811 (JP).

(74) EHARA, Syogo et al. / etc.; EHARA PATENT OFFICE, 15-26, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka, 5500002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16D

(11) WO 2005/028893 (13) A2

(21) PCT/US2004/029751

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 10/662,144 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TEMPORARY REPAIR DEVICE FOR MECHANICAL DRIVE COUPLINGS  
• DISPOSITIF DE REPARATION TEMPORAIRE POUR ACCOUPLEMENTS DE COMMANDE MECANIQUES

(71, 72) NEFF, Philip [US/US]; 1375 Old Plank Road, Milford, MI 48381 (US).

(74) SIMINSKI, Robert; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> F16D 3/224, 3/223

(11) WO 2005/028894 (13) A1

(21) PCT/EP2004/006086

(22) 5 Jun/juin 2004 (05.06.2004)

(25) de (26) de

(30) 103 38 718.8 22 Aug/août 2003 DE (22.08.2003)

(30) 10 2004 006 225.0 9 Feb/fév 2004 DE (09.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONSTANT-VELOCITY JOINT WITH LOW RADIAL DISPLACEMENT OF THE BALLS  
• JOINT HOMOCINETIQUE PRESENTANT UN FAIBLE DEPLACEMENT RADIAL DES BILLES

(71) GKN DRIVELINE DEUTSCHLAND GMBH [DE/DE]; Carl-Legien-Strasse 10, 63073 Offenbach (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHWÄRZLER, Peter [DE/DE]; Enzlinger Berg 39, 63864 Glatzbach (DE). HARNISCHFEGGER, Heiko [DE/DE]; Am Sportplatz 3, 36399 Freiensteinau-Weidenau (DE).

(74) NEUMANN, Ernst, D. et al. / etc.; Harwardt Neumann, Brandstrasse 10, 53721 Siegburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16D 3/224, 3/223

(11) WO 2005/028895 (13) A1

(21) PCT/EP2004/006088

(22) 5 Jun/juin 2004 (05.06.2004)

(25) de (26) de

(30) 103 38 719.6 22 Aug/août 2003 DE (22.08.2003)

(30) 10 2004 018 777.0 19 Apr/avr 2004 DE (19.04.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COUNTER TRACK JOINT FOR LARGE DEFLECTION ANGLES  
• CONTRE-JOINT A GORGES POUR GRANDS ANGLES DE FLEXION

(71) GKN DRIVELINE DEUTSCHLAND GMBH [DE/DE]; Carl-Legien-Strasse 10, 63073 Offenbach (DE).  
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) SCHWÄRZLER, Peter [DE/DE]; Enzlinger Berg 39, 63864 Glattbach (DE). HARNISCHFEGGER, Heiko [DE/DE]; Am Sportplatz 3, 36399 Freiensteinau-Weidenau (DE).
- (74) NEUMANN, Ernst, D. et al. / etc.; Harwardt Neumann, Brandstrasse 10, 53721 Siegburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> F16D 3/224
- (11) WO 2005/028896 (13) A1
- (21) PCT/EP2004/006090
- (22) 5 Jun/juin 2004 (05.06.2004)
- (25) de (26) de
- (30) 103 38 716.1 22 Aug/août 2003 DE (22.08.2003)
- (30) 10 2004 018 721.5 17 Apr/avr 2004 DE (17.04.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • FIXED BALLJOINT WITH TURNED TRACK CROSS-SECTIONS  
• JOINT FIXE A BILLES A SECTIONS TRANSVERSALES DE GORGES USINEES AU TOUR
- (71) GKN DRIVELINE DEUTSCHLAND GMBH [DE/DE]; Carl-Legien-Strasse 10, 63073 Offenbach (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHWÄRZLER, Peter [DE/DE]; Enzlinger Berg 39, 63864 Glattbach (DE). HARNISCHFEGGER, Heiko [DE/DE]; Am Sportplatz 3, 36399 Freiensteinau-Weidenau (DE).
- (74) NEUMANN, Ernst, D. et al. / etc.; Harwardt Neumann, Brandstrasse 10, 53721 Siegburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> F16D 3/84, F16J 3/04, 15/52
- (11) WO 2005/028897 (13) A1
- (21) PCT/JP2004/013517
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) ja (26) ja
- (30) 2003-327955 19 Sep/sep 2003 JP (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • BOOT FOR UNIVERSAL COUPLING  
• PIECE DE RACCORDEMENT UNIVERSEL
- (71) NOK CORPORATION [JP/JP]; 12-15, Shiba Daimon 1-chome, Minato-ku, Tokyo, 1058585 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ONO, Shigeyuki [JP/JP]; c/o NOK CORPORATION 2000, Aza Akatsuchi, Ogasa-cho, Ogasa-gun, Shizuoka, 4371507 (JP). SHIMAZU, Takashi [JP/JP]; c/o NOK CORPORATION 4-3-1, Tsujido Shinmachi, Fujisawa-shi, Kanagawa, 2510042 (JP).
- (74) SERA, Kazunobu et al. / etc.; Acropolis 21 Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo, 1030004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> F16D 13/10, F16F 15/123, 15/129, F16D 41/20
- (11) WO 2005/028899 (13) A1
- (21) PCT/CA2004/001696
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) en (26) en
- (30) 60/504,934 22 Sep/sep 2003 US (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CRANKSHAFT DECOUPLER  
• DECOUPLEUR DE VILEBREQUIN
- (71) LITENS AUTOMOTIVE PARTNER-SHIP; 730 Rowntree Dairy Road, Woodbridge, Ontario L4L 5T9 (CA).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MEVISSSEN, Bert [CA/CA]; 53 Holden Drive, Nobleton, Ontario L0G 1N0 (CA). DELL, James, W. [CA/CA]; 33 Crawford Rose Drive, Aurora, Ontario L4G 4P3 (CA). ANTCHAK, John; 2015 Grand Vista Court, Innisfil, Ontario L9S 4A6 (CA).
- (74) IMAI, Jeffrey, T. et al. / etc.; Magna International Inc., 337 Magna Drive, Aurora, Ontario L4G 7K1 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> F16D 3/84, F16J 3/04, 15/52
- (11) WO 2005/028898 (13) A1
- (21) PCT/JP2004/013518
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) ja (26) ja
- (30) 2003-328368 19 Sep/sep 2003 JP (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • BOOT FOR UNIVERSAL COUPLING  
• MANCHON DE RACCORDEMENT UNIVERSEL
- (71) NOK CORPORATION [JP/JP]; 12-15, Shiba Daimon 1-chome, Minato-ku, Tokyo, 1058585 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ONO, Shigeyuki [JP/JP]; c/o NOK CORPORATION 2000, Aza Akatsuchi, Ogasa-cho, Ogasa-gun, Shizuoka, 4371507 (JP). SHIMAZU, Takashi [JP/JP]; c/o NOK CORPORATION 4-3-1, Tsujido Shinmachi, Fujisawa-shi, Kanagawa, 2510042 (JP). SUGIURA, Yoshiaki [JP/JP]; c/o NOK CORPORATION 2000, Aza Akatsuchi, Ogasa-cho, Ogasa-gun, Shizuoka Shizuoka, 4371507 (JP).
- 
- Published / Publiée : (c)
- (51)<sup>7</sup> F16D 13/75, 27/14
- (11) WO 2005/028900 (13) A1
- (21) PCT/EP2004/010647
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) en (26) en
- (30) TO2003A000736 24 Sep/sep 2003 IT (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ACTUATOR UNIT WITH INCORPORATED DEVICE TO COMPENSATE FOR WEAR ON THE CLUTCH

• UNITE D'ACTIONNEMENT A DISPOSITIF INTEGRE SERVANT A COMPENSER L'USURE SUR L'EMBRAYAGE

(71) AKTIEBOLAGET SKF [SE/SE]; S-415 50 Göteborg (SE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) GEYER, Andreas [DE/IT]; Via Cardonata 34, I-10060 San Secondo Di Pinerolo (IT). DE CRISTOFARO, Alessandro [IT/IT]; Via Piacenza 6/H, I-10127 Torino (IT).

(74) FIORAVANTI, Corrado et al. / etc.; Jacobacci &amp; Partners SpA, Corso Regio Parco, 27, I-10152 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)**(u) for / pour US only / seulement*(51)<sup>7</sup> F16D 13/76

(11) WO 2005/028901 (13) A1

(21) PCT/DE2004/002090

(22) 17 Sep/sep 2004 (17.09.2004)

(25) de (26) de

(30) 103 42 966.2 17 Sep/sep 2003 DE (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AUXILIARY UNIT DRIVE FOR A VEHICLE ENGINE, COMPRISING A COUPLABLE AND UNCOUPLABLE PULLEY, AND AUXILIARY UNIT

• ENTRAINEMENT A GROUPE AUXILIAIRE DESTINE A UN MOTEUR DE VEHICULE COMPORTANT UNE POULIE A COURROIE DECOUPLABLE ET GROUPE AUXILIAIRE

(71) PLASTECH ENGINEERING GMBH [DE/DE]; Windhügelstr. 6, 58642 Iserlohn (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SCHÜTTE, Michael [DE/DE]; Windhügelstr. 6, 58642 Iserlohn (DE).

(74) CASTELL, Klaus et al. / etc.; Lierman Castell, Gutenbergstrasse 12, 52349 Düren (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

*(t) for all designations / pour toutes les désignations*(51)<sup>7</sup> F16D 21/06, 13/38, 23/12

(11) WO 2005/028902 (13) A1

(21) PCT/FR2004/050409

(22) 1 Sep/sep 2004 (01.09.2004)

(25) fr (26) fr

(30) 0350548 16 Sep/sep 2003 FR (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DOUBLE CLUTCH WITH A DOUBLE CONTROL THRUST BEARING, IN PARTICULAR FOR A MOTOR VEHICLE

• DOUBLE EMBRAYAGE, NOTAMMENT POUR VEHICULE AUTOMOBILE, A DOUBLE BUTEE DE COMMANDE.

(71) VALEO EMBRAYAGES [FR/FR]; 5 Avenue Roger Dumoulin, F-80009 AMIENS (FR).

*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) LOPEZ-PEREZ, Carlos [ES/ES]; Rue Arganda 28 - 7<sup>a</sup> A, E-280005 MADRID (ES).

(74) VIGNESOULT, Serge; Service Propriété Industrielle, 15 rue des Rosiers, F-93585 SAINT-OUEN (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F16D 27/00

(11) WO 2005/028903 (13) A1

(21) PCT/EP2004/009132

(22) 14 Aug/août 2004 (14.08.2004)

(25) de (26) de

(30) 203 14 141.5 10 Sep/sep 2003 DE (10.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AXIALLY ADJUSTING DEVICE

• DISPOSITIF D'AJUSTEMENT AXIAL

(71) GKN DRIVELINE INTERNATIONAL GMBH [DE/DE]; Hauptstrasse 150, 53797 Lohmar (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) CHLUDEK, Adrian [DE/DE]; Holzweg 46E, 53757 St. Augustin (DE). KATSNELSON, Aleksej [RU/DE]; Mittelstrasse 110 WE A 95, 53757 Sankt Augustin (DE). MÜLLER, Kurt [DE/DE]; In den Weingärten 91, 52399 Merzenich (DE).

(74) NEUMANN, Ernst, D. et al. / etc.; Harwardt Neumann, Brandstrasse 10, 53721 Siegburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

*(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*(51)<sup>7</sup> F16D 55/48, 55/228

(11) WO 2005/028904 (13) A1

(21) PCT/SE2004/001373

(22) 24 Sep/sep 2004 (24.09.2004)

(25) en (26) en

(30) 0302551-7 25 Sep/sep 2003 SE (25.09.2003)

- (30) 0302552-5 **25 Sep/sep 2003** SE  
(25.09.2003) DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- (30) 0401481-7 **10 Jun/juin 2004** SE  
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MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A DISK BRAKE  
• FREIN A DISQUE
- (71) HALDEX BRAKE PRODUCTS AB  
[SE/SE]; Box 501, S-261 24 Landskrona  
(SE).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) SEVERINSSON, Lars [SE/SE]; Nor-  
danåvägen 27, S-310 27 Hishult (SE).
- (74) STRÖM & GULLIKSSON IPC AB; P.O.  
Box 4188, S-203 13 Malmö (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
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VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
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MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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(25.09.2003)  
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(10.06.2004)
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- (54) • A DISC BRAKE  
• FREIN A DISQUE
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[SE/SE]; Box 501, S-261 24 Landskrona  
(SE).  
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- (72, 75) SEVERINSSON, Lars [SE/SE]; Nor-  
danåvägen 27, S-310 21 Hishult (SE).
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Box 4188, S-203 13 Malmö (SE).
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BW BY BZ CA CH CN CO CR CU CZ DE  
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GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
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VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
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DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
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- (54) • PAD RETAINER SPRING  
• RESSORT DE RETENUE DE PATIN DE  
FREIN
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[SE/SE]; P.O. Box 501, S-261 24 Landskrona  
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- (72, 75) LARSSON, Hakån [SE/SE]; Högsvä-  
gen 152-66, S-244 93 Kävlinge (SE).
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Box: 4188, S-203 13 Malmö (SE).
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DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
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SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
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MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (54) • FRICTION LINING PLATES  
• DISQUE A GARNITURE DE FRICTION
- (71) ZF FRIEDRICHSHAFEN AG [DE/DE];  
88038 Friedrichshafen (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) EPPLÉ, Thomas [DE/DE]; Normannen-  
weg 66, 88090 Immenstaad (DE). BECK-  
MANN, Jörg [DE/DE]; Girishalde 1, 88048  
Friedrichshafen (DE). CAMPANER, Bruno  
[FR/FR]; 62 Avenue du Chateau, F-33650 La  
Bredé (FR). DONGES, Andreas [DE/DE];  
Brühlstrasse 12, 88079 Kressbronn (DE).
- (74) ZF FRIEDRICHSHAFEN AG; 88038  
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BW BY BZ CA CH CN CO CR CU CZ DK  
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- (54) • SPRING PACK  
• ENSEMBLE DE RESSORTS
- (71) KELLION CORPORATION [US/US];  
668 Monroe Avenue, Rochester, NY 14607  
(US).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) KIM, Yong Woo [KR/US]; 597 Genese  
Street, Rochester, NY 14611 (US).
- (74) STEPHENS, Eugene et al. / etc.; 400 M  
& T Bank Building, 118 North Tioga Street,  
Cortland, NY 14850 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
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VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
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- (54) • SUPPORTING SPRING AND COM-  
PRESSOR HAVING THE SAME  
• RESSORT DE SUPPORT ET COM-  
PRESSEUR COMPORTANT LEDIT  
RESSORT
- (71) LG ELECTRONICS INC. [KR/KR];  
20 Yoido-Dong, Yongdungpo-Gu, Seoul  
150-010 (KR).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) JUNG, Won-Hyun [KR/KR]; Sungwon Icha Apt., 106-404 Namyang-Dong, Changwon, Gyeongsangnam-Do 641-751 (KR). LEE, Dong-Won [KR/KR]; Daedong Apt., 107-1204 Sangnam-Dong, Changwon, Gyeongsangnam-Do 641-777 (KR). ROH, Chul-Gi [KR/KR]; Daedong Apt., 123-2204 Sangnam-Dong, Changwon, Gyeongsangnam-Do 641-777 (KR).

(74) PARK, Jang-Won; Jewoo Bldg. 5th Floor, 200 Nonhyun-Dong, Gangnam-Gu, Seoul, 135-010 (KR).

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(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(54) • VIBRATION ABSORBING ALLOY MEMBER, AND RUBBER VIBRATION ISOLATOR, FLOOR VIBRATION DAMPING APPARATUS, TIRE, STEEL CORD AND RUBBER SEISMIC ISOLATOR USING THE SAME

• ELEMENT D'ALLIAGE D'ABSORPTION DE VIBRATIONS, ET ISOLATEUR DE VIBRATION EN CAOUTCHOUC, APPAREIL AMORTISSEUR DE VIBRATIONS DE SOL, PNEUMATIQUE, CABLE D'ACIER ET ISOLATEUR SISMIQUE EN CAOUTCHOUC UTILISANT UN TEL ELEMENT

(71) BRIDGESTONE CORPORATION [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 1048340 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIKUCHI, Masami [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 1878531 (JP). YOKOI, Takashi [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 1878531 (JP). SHIZUKU, Takahisa

[JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 1878531 (JP). AIZAWA, Satoshi [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 1878531 (JP). MURAKAMI, Kazutomo [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 1878531 (JP). UEDA, Hiroyuki [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 1878531 (JP). SUZUKI, Shigenobu [JP/JP]; c/o Bridgestone Corporation, Yokohama Factory, 1, Kashio-cho, Totsuka-ku, Yokohama-shi, Kanagawa 2448510 (JP).

(74) SUGIMURA, Kosaku; 7F, Kazan Building, 2-4, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ROTATING DAMPER

• AMORTISSEUR ROTATIF

(71) NIFCO INC. [JP/JP]; 184-1, Maioka-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-8522 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOIZUMI, Kazuyoshi [JP/JP]; 2-11-11, Nishihashimoto, Sagami-hara-shi, Kanagawa 229-1131 (JP). OKABAYASHI, Syunsuke [JP/JP]; 28-7-413, Ueno-cho 3-chome, Toyota-shi, Aichi 471-0015 (JP). HAYASHI, Ken [JP/JP]; 504-301, Nenokami, Nagakute-cho, Aichi-gun, Aichi 480-1131 (JP). TAKEI, Yoshihisa [JP/JP]; 4-9-9-202, Hashimoto, Sagami-hara-shi, Kanagawa 229-1103 (JP).

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MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FLYWHEEL ASSEMBLY

• ENSEMBLE VOLANT

(71) EXEDY CORPORATION [JP/JP]; 1-1, Kidamotomiya 1-chome, Neyagawa-shi, Osaka 570-8570 (JP).

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(72, 75) TSURUTA, Hiroyoshi [JP/JP]; 18-16, Wakita-cho, Kadoma-shi, Osaka 571-0011 (JP). UEHARA, Hiroshi [JP/JP]; 28-15, Inda-cho, Hirakata-shi, Osaka 573-0017 (JP). YAMAMOTO, Kozo [JP/JP]; 2-33-910, Takayanagi 1-chome, Neyagawa-shi, Osaka 572-0051 (JP).

(74) ONO, Yukio et al. / etc.; Shinjyu Global IP, South Forest Bldg., 1-4-19, Minamimori-machi, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).

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(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(04.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • TORSIONAL OSCILLATION DAMPER  
• AMORTISSEUR DE VIBRATIONS TORSIONNELLES
- (71) ZF **FRIEDRICHSHAFEN** AG  
[DE/DE]; Graf-von-Soden-Platz 1, 88046 Friedrichshafen (DE).  
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- (72, 75) BACH, Hartmut [DE/DE]; Kreuzbergstr. 8, 97422 Schweinfurt (DE). WETH, Jürgen [DE/DE]; Georg-Lengler-Str. 2, 97464 Niederwerrn (DE). CARLSON, Cora [DE/DE]; Mittlere Klinge 8, 97456 Dittelbrunn (DE).
- (74) ZF **FRIEDRICHSHAFEN** AG; Patentabteilung (FRP), 97419 Schweinfurt (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
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- (54) • DOUBLE-MASS FLYWHEEL  
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- (71) EXEDY CORPORATION [JP/JP]; 1-1, Kidamotomiyama 1-chome, Neyagawa-shi, Osaka 572-8570 (JP).  
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 0322120.7 **22 Sep/sep 2003** GB  
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- (54) • LIGHTWEIGHT GEARING  
• ENGRENAGE LEGER
- (71) ORBITAL 2 LTD [GB/GB]; Mayo Hall, Llangammarch Wells, Powys LD4 4BS (GB).
- (71, 72) HICKS, Raymond, J. [GB/GB]; Mayo Hall, Llangammarch Wells, Powys LD4 4BS (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (74) DUNLOP, Brian, Kenneth, Charles et al. / etc.; Wynne-Jones, Laine & James, 22 Rodney Road, Cheltenham, Glos. GL50 1JJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 2003-128080 **19 Sep/sep 2003** RU  
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- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MIRONOV AUTOMATIC STEPLESS TRANSMISSION  
• TRANSMISSION AUTOMATIQUE EN CONTINU DE MIRONOV
- (71, 72) MIRONOV, Vladimir Semenovich [RU/RU]; Krasnokholmsky proezd, 2/38, Podolsk, Moskovskaya obl., 142106 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2005/028918 (13) A2
- (21) PCT/US2004/029652

- (22) **13 Sep/sep 2004 (13.09.2004)**  
 (25) en (26) en  
 (30) 60/502,489 **13 Sep/sep 2003 US (13.09.2003)**  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • ONE-WAY CLUTCHED DAMPER FOR AUTOMATIC BELT TENSIONER  
 • AMORTISSEUR D'EMBRAYAGE UNIDIRECTIONNEL DESTINE A UN TENDEUR DE COURROIE AUTOMATIQUE  
 (71) **DAYCO PRODUCTS, LLC [US/US];** 1 Prestige Place, Miamisburg, OH 45342 (US). *(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **JOSLYN, Robert, C. [US/US];** 1852 W. Riverbend Pkwy, Nixa, MO 65714 (US).  
 (74) **BECKER, Robert, W.;** Robert W. Becker & Associates, 707 Highway 66 East, Suite B, Tijeras, NM 87059 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F16H 3/091**  
 (11) **WO 2005/028919 (13) A1**  
 (21) PCT/JP2003/011784  
 (22) **16 Sep/sep 2003 (16.09.2003)**  
 (25) ja (26) ja  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • MANUAL GEAR-TYPE SPEED CHANGE APPARATUS FOR MOTOR VEHICLE  
 • BOITE DE VITESSES MANUELLE DE VEHICULE A MOTEUR  
 (71) **ONDO CORPORATION [JP/JP];** 7-7, Minamiondo 1-chome, Ondo-cho, Aki-gun, Hiroshima 737-1205 (JP). *(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **SUGETA, Mitsuharu [JP/JP];** c/o Ondo Corporation, 7-7, Minamiondo 1-chome, Ondo-cho, Aki-gun, Hiroshima 737-1205 (JP). **HATANO, Mitsuru [JP/JP];** c/o Ondo Corporation Hatihonmatsu Koujyo, 1-1, Hatihonmatsu iida 1-chome, Higashihiroshima-shi, Hiroshima 739-0146 (JP).  
 (74) **OKAMURA, Toshio;** Okamura Tokkyo Jimusho, 5-5, Nishitenma 4-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F16H 7/12, F16C 23/08**  
 (11) **WO 2005/028920 (13) A1**  
 (21) PCT/EP2004/009190  
 (22) **17 Aug/août 2004 (17.08.2004)**  
 (25) de (26) de  
 (30) 103 42 378.8 **13 Sep/sep 2003 DE (13.09.2003)**  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • BELT-TENSIONING DEVICE  
 • DISPOSITIF DE TENSION DE COURROIE  
 (71) **INA-SCHAEFFLER KG [DE/DE];** Industriestrasse 1 - 3, 91074 Herzogenaurach (DE). *(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **BOGNER, Michael [DE/DE];** Forchheimer Strasse 5, 90542 Eckental (DE). **SINGER, Johann [DE/DE];** Ringstrasse 12b, 91091 Grossenseebach (DE). **PETRI, Werner [DE/DE];** Bahnstrasse 17, 91058 Erlangen (DE).  
 (74) **INA-SCHAEFFLER KG;** Industriestrasse 1 - 3, 91074 Herzogenaurach (DE).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F16H 13/12**  
 (11) **WO 2005/028921 (13) A1**  
 (21) PCT/KR2004/002403  
 (22) **20 Sep/sep 2004 (20.09.2004)**  
 (25) ko (26) en  
 (30) 10-2003-0065337 **19 Sep/sep 2003 KR (19.09.2003)**  
 (30) 10-2004-0074302 **16 Sep/sep 2004 KR (16.09.2004)**  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • APPARATUS FOR POWER TRANSMISSION BY MAGNETIC FORCE AND METHOD THEREOF  
 • DISPOSITIF DE TRANSMISSION PAR FORCE MAGNETIQUE ET PROCEDE ASSOCIE  
 (71, 72) **PARK, Man-Suk [KR/KR];** A-102 Gyeongbu Yeollip 39-1, Sosa-dong, Wonmi-gu, Bucheon-si, Gyeonggi-do, Seoul 420-818 (KR).  
 (74) **CHO, Hyeon-Seog;** 3rd Floor, Yoonsung Bldg., 628-13 Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)  
 (51) **F16H 37/02**  
 (11) **WO 2005/028922 (13) A1**  
 (21) PCT/DE2004/002080  
 (22) **17 Sep/sep 2004 (17.09.2004)**  
 (25) de (26) de  
 (30) 103 43 647.2 **20 Sep/sep 2003 DE (20.09.2003)**  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • GEARING FOR TRANSMITTING ROTATIONAL MOTIONS WITH A CONSTANT RATIO  
 • BOITE DE TRANSMISSION SERVANT A TRANSMETTRE DES MOUVEMENTS ROTATIFS A RAPPORT CONSTANT  
 (71, 72) **YÖNDEM, ILYAS [DE/DE];** Nordstrasse 8, 33428 Harsewinkel (DE).  
 (74) **FINDEISEN, Andreas et al. / etc.;** Find-eisen & Neumann, Andréstrasse 25, 09112 Chemnitz (DE).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)  
 Declaration / Déclaration :  
 (u) for / pour US only / seulement  
 (51)<sup>7</sup> **F16H 47/06**  
 (11) **WO 2005/028923 (13) A1**  
 (21) PCT/EP2004/010521  
 (22) **20 Sep/sep 2004 (20.09.2004)**  
 (25) de (26) de

- (30) 103 43 971.4 **19 Sep/sep 2003** DE  
(19.09.2003)
- (30) 103 43 906.4 **19 Sep/sep 2003** DE  
(19.09.2003)
- (30) 103 47 037.9 **7 Oct/oct 2003** DE  
(07.10.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LOCKUP CLUTCH FOR HYDRODYNAMIC COMPONENTS  
• EMBRAYAGE DE PONTAGE POUR COMPOSANTS HYDRODYNAMIQUES
- (71) VOITH TURBO GMBH & CO. KG [DE/DE]; Alexanderstrasse 2, 89522 Heidenheim (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KLEMENT, Werner [DE/DE]; Taubenweg 6, 89520 Heidenheim (DE). ADAMS, Werner [DE/DE]; Melanchthonstr. 9, 74564 Crailsheim (DE). BROCKMANN, Rolf [DE/DE]; Alte Bleiche 30, 89522 Heidenheim (DE). BROCKMANN, Rolf [DE/DE]; Alte Bleiche 30, 89522 Heidenheim (DE). KOCH, Werner [DE/DE]; Ulrich-Schweizer-Str. 37, 73326 Deggingen (DE). BECKE, Martin [DE/DE]; Grüner Weg 6, 89075 Ulm (DE).
- (74) WEITZEL & PARTNER; Friedenstrasse 10, 89522 Heidenheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> F16H 61/00
- (11) WO 2005/028925 (13) A1
- (21) PCT/EP2004/009288
- (22) 19 Aug/août 2004 (19.08.2004)
- (25) de (26) de
- (30) 103 42 543.8 **11 Sep/sep 2003** DE  
(11.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HYDRAULIC CONTROL UNIT  
• APPAREIL DE COMMANDE HYDRAULIQUE
- (71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Friedrichshafen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) RIEDHAMMER, Michael [DE/DE]; Bergstrasse 19, 88697 Bermatingen (DE).
- (74) ZF FRIEDRICHSHAFEN AG; 88038 Friedrichshafen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> F16H 033/20
- (11) WO 2005/028927 (13) A1
- (21) PCT/US2003/028753
- (22) 13 Sep/sep 2003 (13.09.2003)
- (25) en (26) en
- (30) 10/648,062 **25 Aug/août 2003** US  
(25.08.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • APPARATUS FOR CONVERSION OF CENTRIFUGAL FORCE  
• DISPOSITIF SERVANT A CONVERTIR UNE FORCE CENTRIFUGE
- (71, 72) SIMEON, Sordjan, Jr. [US/US]; 72-03A Forest Ave., Ridgewood, NY 11385 (US).
- (74) MEREDITH, Jennifer; 350 Fifth Avenue, Suite 7720, New York, NY 10118 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> F16H 61/02
- (11) WO 2005/028926 (13) A1
- (21) PCT/SE2004/001361
- (22) 21 Sep/sep 2004 (21.09.2004)
- (25) sv (26) en
- (72, 75) RASTEL, Hans [DE/DE]; Ramsacherstrasse 3, 86949 Windach (DE). SCHL-NAGL, Stefan [DE/DE]; Theodor-Dombart-Strasse 19, 80805 München (DE). GIELISCH, Frank [DE/DE]; Ludwig-Ganghofer-Strasse 19, 85757 Karlsfeld (DE). STEINBERGER, Wolfgang [DE/DE]; Von-Hauck-Strasse 30, 91074 Herzogenaurach (DE).
- (74) BMW AG; Patentabteilung, AJ-3, Petuelring 130, 80788 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> F16H 61/02
- (11) WO 2005/028926 (13) A1
- (21) PCT/SE2004/001361
- (22) 21 Sep/sep 2004 (21.09.2004)
- (25) sv (26) en
- (71) BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT [DE/DE]; Petuelring 130, 80809 München (DE). INA-SCHA-EFFLER KG [DE/DE]; Industriestrasse 1-3, 91074 Herzogenaurach (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*



CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> F16J

(11) WO 2005/028928 (13) A2

(21) PCT/EP2004/009644

(22) 30 Aug/août 2004 (30.08.2004)

(25) de (26) de

(30) 103 41 791.5 10 Sep/sep 2003 DE (10.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HOLLOW PISTON FOR A PISTON ENGINE AND METHOD FOR PRODUCING THE SAME

• PISTON CREUX DESTINE A UNE MACHINE A PISTONS ET PROCEDE DE FABRICATION D'UN PISTON CREUX

(71) BRUENINGHAUS HYDROMATIK GMBH [DE/DE]; Glockerrastrasse 2, 89275 Elchingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BECK, Josef [DE/DE]; Schillingstrasse 25, 78050 Villingen (DE).

(74) KÖRFER, Thomas; Mitscherlich & Partner, Postfach 33 06 09, 80066 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16J 15/32

(11) WO 2005/028929 (13) A1

(21) PCT/JP2004/013429

(22) 15 Sep/sep 2004 (15.09.2004)

(25) ja (26) ja

(30) 2003-327923 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SEALING DEVICE

• DISPOSITIF D'ETANCHEITE

(71) NOK CORPORATION [JP/JP]; 12-15, Shiba Daimon 1-chome, Minato-ku, Tokyo, 1058585 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANDA, Tsuyoshi [JP/JP]; c/o NOK CORPORATION 8, Aza Tsuzukibori, Nagaigawa, Fukushima-shi, Fukushima, 9601193 (JP).

(74) SERA, Kazunobu et al. / etc.; Acropolis 21 Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16K 11/074, G05D 23/13

(11) WO 2005/028930 (13) A1

(21) PCT/NZ2004/000225

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 528442 25 Sep/sep 2003 NZ (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TEMPERATURE LIMITING DEVICE APPLICABLE TO SINGLE LEVER VALVES FOR MIXING HOT AND COLD LIQUIDS

• DISPOSITIF LIMITANT LA TEMPERATURE POUVANT ETRE APPLIQUE A DES SOUPAPES A CONTREPOIDS UNIQUE POUR MELANGER DES LIQUIDES CHAUDS ET FROIDS

(71) GREENS INDUSTRIES LIMITED [NZ/NZ]; 279 Kahikatea Drive, Hamilton (NZ).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GREEN, John, William [NZ/NZ]; Flat 6, 122 Firth Street, Hamilton East (NZ). MORAN, Ian [GB/NZ]; 20 Nixon Street, Hamilton (NZ).

(74) HARDIE, John, David; c/o J.D. Hardie & Co., P.O. Box 1534, Auckland (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F16K 17/06, 39/02

(11) WO 2005/028931 (13) A1

(21) PCT/US2004/029837

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 60/503,019 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMPROVED FLUID CONTROL DEVICES

• DISPOSITIFS DESTINES AU CONTROLE DE FLUIDE AMELIORE

(71) EXXONMOBIL UPSTREAM RESEARCH COMPANY [US/US]; CORP-URC-SW348, P.O. Box 2189, Houston, TX 77252-2189 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LONNES, Steven, B. [US/US]; 3911 Balmoral Lane, Pearland, TX 77584 (US).

(74) PLUMMER, J., Paul et al. / etc.; Exxon-Mobil Upstream Research Company, Corp-Urc-SW348, P.O. Box 2189, Houston, TX 77252-2189 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (t) for the following designation / pour la désignation suivante : US (u) for / pour US only / seulement

(51)<sup>7</sup> F16K 17/38, A62C 2/04

(11) WO 2005/028932 (13) A1

(21) PCT/EP2004/007212

(22) 2 Jul/juil 2004 (02.07.2004)

(25) de (26) de

(30) 103 39 189.4 22 Aug/août 2003 DE (22.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SAFETY DEVICE FOR GAS LINES

• DISPOSITIF DE SÉCURITÉ POUR CONDUITES DE GAZ

(71) L + T GASETECHNIK KLÖPPER-WALDMANN GMBH & CO. KG [DE/DE]; Martener Strasse 535, 44379 Dortmund (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEISE, Andreas [DE/DE]; Rolandstrasse 14, 52070 Aachen (DE). KERKMANN, Michael [DE/DE]; Aretzweg 3, 52156 Monschau (DE). WEYER, Klaus [DE/DE]; Zum Ihnedieck 10, 44265 Dortmund (DE). LENTZ, Karl-Heinz [DE/DE]; Kirchgasse 63, 52499 Baesweiler (DE).

(74) SCHNEIDERS & BEHRENDT; Huesstrasse 23, 44787 Bochum (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16K 27/00, 11/14

(11) WO 2005/028933 (13) A1

(21) PCT/EP2004/008016

(22) 17 Jul/juil 2004 (17.07.2004)

(25) de (26) de

(30) 03405670.5 12 Sep/sep 2003 EP (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-PATH VALVE ARRANGEMENT

• SYSTEME DE SOUPAPES A VOIES MULTIPLES

(71, 72) BURKHALTER, Daniel [CH/CH]; Stationsstrasse 6, CH-9555 Tobel (CH).

(74) HEPP, Dieter et al. / etc.; Hepp Wenger Ryffel AG, Friedtalweg 5, CH-9500 Wil (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16K 31/143, 31/163, 31/383

(11) WO 2005/028934 (13) A1

(21) PCT/US2004/029831

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 60/503,042 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SLURRY TOLERANT PILOT OPERATED RELIEF VALVE

• SOUPAPE DE SURETE A SERVOCOMMANDE SUPPORTANT UNE SUSPENSION EPAISSE

(71) EXXONMOBIL UPSTREAM RESEARCH COMPANY COPR-URC-SW348 [US/US]; P.O. Box 2189, Houston, TX 77252-2189 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LONNES, Steven, B. [US/US]; 3911 Balmoral Lane, Pearland, TX 77584 (US).

(74) PLUMMER, J., Paul et al. / etc.; Exxon-Mobil Upstream Research Company, COPR-URC-SW348, P.O. Box 2189, Houston, TX 77252-2189 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD

GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (t) for the following designations / pour les désignations suivantes :

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (u) for / pour US only / seulement

(51)<sup>7</sup> F16K 31/30, B67D 5/372, G01F 23/30

(11) WO 2005/028935 (13) A1

(21) PCT/AU2004/001302

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 2003248297 23 Sep/sep 2003 AU (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TANK REFUELLING SYSTEM

• SYSTEME DE RAVITAILLEMENT EN CARBURANT POUR RESERVOIR

(71) BANLAW PIPELINE PTY LTD [AU/AU]; 17 Strathmore Road, CAVES BEACH, New South Wales 2281 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PEATTIE, Adam Robert [AU/AU]; 247 Warners Bay Road, MT HUTTON, New South Wales 2290 (AU). KEYS, Shane [AU/AU]; 131 Maitland Road, MAYFIELD, New South Wales 2304 (AU).

(74) BLAKE DAWSON WALDRON PATENT SERVICES; Level 37, Grosvenor Place, 225 George Street, SYDNEY, New South Wales 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F16K 31/53, 1/22, 31/04, F02D 11/10

(11) WO 2005/028936 (13) A1

(21) PCT/EP2004/009425

(22) 24 Aug/août 2004 (24.08.2004)

(25) de (26) de

(30) 103 41 396.0 5 Sep/sep 2003 DE  
(05.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • THROTTLE VALVE ADJUSTING DE-  
VICE

• DISPOSITIF DE POSITIONNEMENT  
DE CLAPET

(71) PIERBURG GMBH [DE/DE]; Alfred-Pier-  
burg-Strasse 1, 41460 Neuss (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) NEISE, Ralf [DE/DE]; Max-Steinke-  
Strasse 32, 13086 Berlin (DE). MÜNICH,  
Marc-Anton [DE/DE]; Ahornweg 27, 14476  
Gross Glienicke (DE).

(74) TER SMITTEN, Hans; Alfred-Pier-  
burg-Strasse 1, 41460 Neuss (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(t) for the following designation / pour la  
désignation suivante : US

(u) for / pour US only / seulement

(51)<sup>7</sup> F16K 49/00

(11) WO 2005/028937 (13) A1

(21) PCT/JP2004/014440

(22) 24 Sep/sep 2004 (24.09.2004)

(25) ja

(26) ja

(30) 2003-331277 24 Sep/sep 2003 JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF HEATING FLUID CON-  
TROLLER

• PROCEDE DE CHAUFFAGE D'UN RE-  
GULATEUR DE FLUIDE

(71) FUJIKIN INCORPORATED [JP/JP]; 3-2,  
Itachibori 2-chome, Nishi-ku, Osaka-shi, Os-  
aka 5500012 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) TANIKAWA, Tsuyoshi [JP/JP]; c/o  
FUJIKIN INCORPORATED, 3-2, Itachi-  
bori 2-chome, Nishi-ku, Osaka-shi, Osaka  
5500012 (JP). YAKUSHIJI, Tadayuki  
[JP/JP]; c/o FUJIKIN INCORPORATED,  
3-2, Itachibori 2-chome, Nishi-ku, Osaka-shi,  
Osaka 5500012 (JP). MOCHIZUKI, Ya-  
sunori [JP/JP]; c/o FUJIKIN INCORPO-  
RATED, 3-2, Itachibori 2-chome, Nishi-ku,  
Osaka-shi, Osaka 5500012 (JP).

(74) HIBI, Norihiko et al. / etc.; c/o KISHI-  
MOTO & CO., 3rd Floor, Inaba Building,  
13-18, Nishishinsaibashi 1-chome, Chuo-ku,  
Osaka-shi, Osaka 5420086 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F16L 7/00

(11) WO 2005/028938 (13) A1

(21) PCT/FR2004/002229

(22) 1 Sep/sep 2004 (01.09.2004)

(25) fr (26) fr

(30) 0310563 8 Sep/sep 2003 FR  
(08.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMPROVED SPACING AND CEN-  
TRING DEVICE FOR A RIGID DOU-  
BLE-WALL DUCT WITH A LOW HEAT  
TRANSFER COEFFICIENT

• DISPOSITIF D'ESPACEMENT ET DE  
CENTRAGE PERFECTIONNE POUR  
CONDUITE RIGIDE A DOUBLE EN-  
VELOPPE A FAIBLE COEFFICIENT  
DE TRANSFERT THERMIQUE

(71) TECHNIP FRANCE [FR/FR]; ZAC Dan-  
ton, 6-8, allée de l'Arche, Faubourg de  
l'Arche, F-92400 Courbevoie (FR).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) HOFFMANN, Philippe [FR/FR]; 19,  
rue Roger Bacon, F-75017 Paris (FR).

(74) BERTRAND, Didier; S.A. Fédit-Loriot &  
Autres, 38, avenue Hoche, F-75008 Paris  
(FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F16L 37/092, 33/22

(11) WO 2005/028939 (13) A1

(21) PCT/EP2004/052245

(22) 20 Sep/sep 2004 (20.09.2004)

(25) de (26) de

(30) PCT/EP03/10555 23 Sep/sep 2003 EP  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PIPE CONNECTOR DEVICE

• DISPOSITIF DE RACCORDEMENT  
POUR TUBES DE FLUIDE

(71) VOSS AUTOMOTIVE GMBH [DE/DE];  
Leiersmühle 2-6, 51688 Wipperfürth (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SALOMON-BAHLS, Bernd [DE/DE];  
Schleienweg 19 A, 58553 Halver (DE).

(74) PATENTANWÄLTE DR. SOLF & ZAPF;  
Schlossbleiche 20, 42103 Wuppertal (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F16L 37/23

(11) WO 2005/028940 (13) A1

(21) PCT/JP2004/013688

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-326887 18 Sep/sep 2003 JP  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PIPE JOINT AND SOCKET FOR PIPE  
JOINT

• JOINT DE TUYAUX ET DOUILLE  
POUR JOINT DE TUYAUX

(71) NITTO KOHKI CO.,LTD. [JP/JP]; 9-4,  
Nakaikogami 2-chome, Ohta-ku, Tokyo,  
1468555 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOHDA, Toru** [JP/JP]; c/o Nitto Kohki Co., Ltd. 9-4, Nakaikogami 2-chome, Ohta-ku, Tokyo, 1468555 (JP).

(74) **ITOH, Shigeru**; 3F, Akasaka BT bldg. 4-8, Akasaka 1-chome, Minato-ku, Tokyo, 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **F16L 55/165, H02G 9/06**

(11) **WO 2005/028941** (13) A1

(21) PCT/FI2004/000536

(22) **15 Sep/sep 2004 (15.09.2004)**

(25) fi (26) en

(30) 20031377 **24 Sep/sep 2003** FI (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR MODIFICATION OF A PIPE COMPRISING INSERTION OF A REPLACEMENT PIPE INTO A HOST PIPE

• PROCEDE DE MODIFICATION D'UN TUYAU

(71, 72) **OJALA, Matti** [FI/FI]; Nokitontunkuja 1 A 4, FI-02200 Espoo (FI). **TOLVANEN, Tapio** [FI/FI]; Halmetie 1 B, FI-33470 Ylöjärvi (FI).

(74) **BERGGREN OY AB**; P.O. Box 16 (Jaakonkatu 3 A), FI-00101 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F16L 55/26**

(11) **WO 2005/028942** (13) A1

(21) PCT/IE2004/000129

(22) **23 Sep/sep 2004 (23.09.2004)**

(25) en (26) en

(30) S2003/0696 **23 Sep/sep 2003** IE (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A PIPELINE APPARATUS  
• APPAREIL DE CANALISATION

(71) **CARSPHAI RN LIMITED** [IE/IE]; Centrepoint Business Park, G7 Oak Road, Dublin 12 (IE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EARLY, Ciaran** [IE/IE]; 30 Rushbrook Avenue, Templeogue, Dublin 6W (IE). **GAGE, Eric** [US/US]; 8255 Sanbury Lane, No. 804, Houston, TX 77095 (US). **O'SULLIVAN, Daniel, Joseph** [IE/IE]; 143 Rosemount, Clongour, Thurles, County Tipperary (IE). **EARLY, James** [IE/IE]; 29 Moeran Road, Walkinstown, Dublin 12 (IE).

(74) **MACLACHLAN & DONALDSON**; 47 Merrion Square, Dublin 2 (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **F16M 11/40**

(11) **WO 2005/028943** (13) A1

(21) PCT/NO2004/000276

(22) **16 Sep/sep 2004 (16.09.2004)**

(25) no (26) en

(30) 20034193 **19 Sep/sep 2003** NO (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AN ADJUSTABLE DEVICE COMPRISING TWO OR MORE INTERCONNECTED ELEMENTS, SAID ELEMENTS FORMING A PREFERABLY ELONGATED CHAIN

• DISPOSITIF REGLABLE COMPRENANT DEUX OU PLUSIEURS ELEMENTS INTERCONNECTES, CES ELEMENTS FORMANT DE PREFERENCE UNE CHAINE OBLONGUE

(71, 72) **JØRGENSEN, Niels, S.** [NO/NO]; Herregaardsveien 91, N-3830 Ulefoss (NO).

(74) **ONSAGERS AS** et al. / etc.; P.O. Box 6963 St. Olavs plass, N-0130 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **F16N 7/38, 25/02**

(11) **WO 2005/028944** (13) A1

(21) PCT/EP2004/005463

(22) **21 May/mai 2004 (21.05.2004)**

(25) de (26) de

(30) 203 12 833.8 **20 Aug/août 2003** DE (20.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LUBRICATING DEVICE AND LUBRICATING APPARATUS CONTAINING SAID DEVICE

• APPAREIL DE LUBRIFICATION ET DISPOSITIF DE LUBRIFICATION PRESENTANT UN TEL APPAREIL

(71) **LINCOLN GMBH & CO. KG** [DE/DE]; Heinrich-Hertz-Strasse 2-8, 69190 Walldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PALUNCIC, Zdravko** [DE/DE]; Buchenstrasse 44, 67067 Ludwigshafen (DE). **RODEMÉR, Karl** [DE/DE]; Parkstrasse 17, 69126 Heidelberg (DE).

(74) **KEIL & SCHAAFHAUSEN**; Cronstettenstrasse 66, 60322 Frankfurt am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F17C 1/16, 1/14, 13/04, 13/08**

(11) **WO 2005/028945** (13) A2

(21) PCT/GB2004/003948

(22) **16 Sep/sep 2004 (16.09.2004)**

(25) en (26) en

(30) 0322027.4 **19 Sep/sep 2003** GB (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • STORAGE OF PRESSURISED FLUIDS

• STOCKAGE DE FLUIDES PRESSURISÉS

(71) **PROTOTECH AS** [NO/NO]; Fantoftvegen 38, P.O. Box 6034, Postterminalen, N-5892 Bergen (NO).

(for all designated States except / pour tous les États désignés sauf US)

(71) SAMUELS, Adrian, James [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).  
(only for / seulement pour MG)

(72, 75) VIK, Arild [NO/NO]; Slettenveien 76, N-5258 Blomsterdalen (NO).

(74) FRANK B. DEHN & CO; 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F17C 3/02, 1/12, B65D 81/38, 77/04

(11) WO 2005/028946 (13) A1

(21) PCT/CA2004/001685

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 2,441,775 23 Sep/sep 2003 CA (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONTAINER FOR HOLDING A CRYOGENIC FLUID  
• RECIPIENT POUR CONTENIR UN LIQUIDE CRYOGENIQUE

(71) WESTPORT RESEARCH INC. [CA/CA]; 2nd Floor, 1700 West 75th Avenue, Vancouver, British Columbia V6P 6G2 (CA).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARPER, Gregory, C. [CA/CA]; 1780 Prestwick Drive, Vancouver, British Columbia V5P 2E6 (CA).

(74) SUE, Hilton, W. et al. / etc.; #480 - The Station, 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F17C 3/02, 1/12, B65D 81/38, 77/04

(11) WO 2005/028947 (13) A1

(21) PCT/CA2004/001733

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 2,441,775 23 Sep/sep 2003 CA (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONTAINER FOR HOLDING A CRYOGENIC FLUID  
• CONTENEUR DE FLUIDE CRYOGENIQUE

(71) WESTPORT RESEARCH INC. [CA/CA]; 2nd Floor, 1700 West 75th Avenue, Vancouver, British Columbia V6P 6G2 (CA).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARPER, Gregory, C. [CA/CA]; 1780 Prestwick Drive, Vancouver, British Columbia V5P 2E6 (CA). GISH, Justin [US/US]; 1600 Government Street, Apt. 1D, Mobile, Alabama 36604 (US).

(74) OYEN, Gerald, O.S. et al. / etc.; 480 - The Station, 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F17C 5/00, 13/08, B60K 15/00

(11) WO 2005/028948 (13) A1

(21) PCT/EP2004/009025

(22) 12 Aug/août 2004 (12.08.2004)

(25) de (26) de

(30) 103 41 204.2 4 Sep/sep 2003 DE (04.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HOLDING DEVICE  
• DISPOSITIF DE MAINTIEN

(71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOFFMANN, Rainer [DE/DE]; Aichelbergstrasse 2, 73760 Ostfildern (DE). SCHEURENBRAND, Dieter [DE/DE]; Hauffstrasse 21, 72649 Wolfschlügen (DE). SCHNEIDER, Dirk [DE/DE]; Hochacker 16, 75365 Calw-Alzenberg (DE).

(74) SCHRAUF, Matthias et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F21L 4/00, F21S 9/02, F21V 5/04

(11) WO 2005/028949 (13) A1

(21) PCT/EP2004/008621

(22) 31 Jul/juil 2004 (31.07.2004)

(25) de (26) de

(30) 103 41 478.9 5 Sep/sep 2003 DE (05.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LIGHT  
• LAMPE

(71) A1. LIGHT AND MORE LICHTTECHNIK GMBH [DE/DE]; Asemweg 5, 73249 Wernau (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72) WILLNER, Gert; Schubertweg 2, 71573 Allmensbach/Tal (DE).  
(only for / seulement pour US)

(74) JECK, Anton; Klingengasse 2, 71665 Vaihingen/Enz (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F21S 2/00, F21V 3/00, G02B 5/02, G02F 1/13357

(11) WO 2005/028950 (13) A1

(21) PCT/JP2004/011852

(22) 18 Aug/août 2004 (18.08.2004)

(25) ja (26) ja

(30) 2003-327825 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BACKLIGHT DEVICE AND LIQUID CRYSTAL DISPLAY  
• DISPOSITIF LUMINEUX ET AFFICHEUR A CRISTAUX LIQUIDES

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **HATANAKA, Masato** [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **YOKOTA, Kazuhiro** [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **OKU, Takashi** [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **KITO, Shinsuke** [JP/JP]; c/o Bankoku Co. Ltd., 3-7-4, Ryogoku, Sumida-ku, Tokyo 130-0026 (JP). **MARUYAMA, Yuichiro** [JP/JP]; c/o Bankoku Co. Ltd., 3-7-4, Ryogoku, Sumida-ku, Tokyo 130-0026 (JP). **YAMADA, Sinobu** [JP/JP]; c/o Bankoku Co. Ltd., 3-7-4, Ryogoku, Sumida-ku, Tokyo 130-0026 (JP). **IIDA, Kouji** [JP/JP]; c/o Bankoku Co. Ltd., 3-7-4, Ryogoku, Sumida-ku, Tokyo 130-0026 (JP). **MIYAMURA, Seiji** [JP/JP]; c/o Bankoku Co. Ltd., 3-7-4, Ryogoku, Sumida-ku, Tokyo 130-0026 (JP).
- (74) **KOIKE, Akira et al.** / etc.; 11th Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F21V 7/22, B29D 11/00, G02F 1/13357**
- (11) **WO 2005/028951** (13) A1
- (21) PCT/JP2004/013723
- (22) **14 Sep/sep 2004 (14.09.2004)**
- (25) en (26) en
- (30) 2003-328360 **19 Sep/sep 2003** JP (19.09.2003)
- (30) 60/513,597 **24 Oct/oct 2003** US (24.10.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • REFLECTING MEMBER FOR A SURFACE LIGHT SOURCE, PRODUCTION PROCESS OF THE REFLECTING MEMBER AND USE THEREOF
- ELEMENT REFLECHISSANT POUR SOURCE LUMINEUSE SUPERFICIELLE, PROCÉDE POUR LE PRODUIRE ET UTILISATION DE CET ELEMENT REFLECHISSANT
- (71) **SHOWA DENKO K.K.** [JP/JP]; 13-9, Shibadai-cho 1-chome, Minato-ku, Tokyo, 1058518 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WATANABE, Takeo** [JP/JP]; c/o Corporate R & D Center SHOWA DENKO K.K., 1-1-1, Oonodai, Midori-ku, Chiba-shi, Chiba 2670056 (JP). **YAMAGUCHI, Tetsuhiko** [JP/JP]; c/o Corporate R & D Center

**SHOWA DENKO K.K.**, 1-1-1, Oonodai, Midori-ku, Chiba-shi, Chiba 2670056 (JP). **KIMURA, Kazuo** [JP/JP]; c/o SHOWA DENKO SAKAI ALMINUM. K.K., 6-224, Kaisan-cho, Sakai-shi, Osaka, 5908576 (JP).

- (74) **SUZUKI, Shunichiro**; S.SUZUKI & ASSOCIATES Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 1410031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F21V 7/22, 7/20**

- (11) **WO 2005/028952** (13) A1
- (21) PCT/SI2004/000012
- (22) **1 Mar/mar 2004 (01.03.2004)**
- (25) sl (26) en
- (30) P-200300240 **23 Sep/sep 2003** SI (23.09.2003)
- (30) P-200300307 **17 Dec/déc 2003** SI (17.12.2003)
- (30) P-200400041 **6 Feb/fév 2004** SI (06.02.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)

- (54) • REFLECTOR  
• REFLECTEUR

- (71) **SATURNUS AVTOOPREMA D.D.** [SI/SI]; Letaliska Cesta 17, 1000 Ljubljana (SI).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **KRALJ, Ales** [SI/SI]; Okiskega 25, 1000 Ljubljana (SI).
- (72, 75) **TRCEK, Mihael** [SI/SI]; Klece 1a, 1262 Dol Pri Ljubljani (SI). **ADAMLJE, Ales** [SI/SI]; Radohova Vas 29, 1296 Sentvid Pri Sticni (SI). **LOGAR, Ales** [SI/SI]; Ulica Bratov Cebuljev 9, 1000 Ljubljana (SI). **KRAMER, Gregor** [SI/SI]; Valvazorjeva Ulica 10, 1000 Ljubljana (SI). **FACIJA, Franc** [SI/SI]; Laze 6b, 1370 Logatec (SI).
- (74) **BORSTAR, Dusan**; Nova Ulica 11, 1230 Domzale (SI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **F21V 21/096, F16B 45/00, E04H 15/32**
- (11) **WO 2005/028953** (13) A1
- (21) PCT/AU2004/001247
- (22) **14 Sep/sep 2004 (14.09.2004)**
- (25) en (26) en
- (30) 2003905229 **24 Sep/sep 2003** AU (24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A MOUNTING DEVICE FOR USE WITH A THIN WALLED STRUCTURE
- DISPOSITIF DE MONTAGE UTILISE AVEC UNE STRUCTURE A PAROIS MINCES
- (71, 72) **WOLFINGER, David, Gary** [AU/AU]; Unit 4, 154 Hastings Parade, NORTH BONDI, New South Wales 2026 (AU).
- (74) **GRIFFITH HACK**; GPO Box 4164, SYDNEY, New South Wales 2001 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F21V 33/00**
- (11) **WO 2005/028954** (13) A1
- (21) PCT/EP2004/009664
- (22) **30 Aug/août 2004 (30.08.2004)**
- (25) de (26) de
- (30) 103 42 595.0 **15 Sep/sep 2003** DE (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LIGHT MODULE FOR BIG EVENTS
- MODULE D'ECLAIRAGE DESTINE A DES EVENEMENTS DE GRANDE TAILLE
- (71, 72) **HANSEL, Simon** [DE/DE]; Gillstrasse 30, 58239 Schwerte (DE). **STIENEN, Thomas** [DE/DE]; Habichtstrasse 19, 59425 Unna (DE).
- (74) **STIENEN, Thomas**; Habichtstrasse 19, 59425 Unna (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)<sup>7</sup> F22B 1/18, 29/06

(11) WO 2005/028955 (13) A1

(21) PCT/EP2004/008526

(22) 29 Jul/juil 2004 (29.07.2004)

(25) de (26) de

(30) 03020021.6 3 Sep/sep 2003 EP (03.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONTINUOUS STEAM GENERATOR AND METHOD FOR OPERATING SAID CONTINUOUS STEAM GENERATOR

• GENERATEUR DE VAPEUR EN CONTINU ET PROCEDE POUR FAIRE FONCTIONNER CE GENERATEUR

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRANKE, Joachim [DE/DE]; Klosterbergstr. 9, 90518 Altdorf (DE). KRAL, Rudolf [DE/DE]; Am Leitenweg 28, 925551 Stulln (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F22B 1/18, 29/06

(11) WO 2005/028956 (13) A1

(21) PCT/EP2004/008644

(22) 2 Aug/août 2004 (02.08.2004)

(25) de

(26) de

(30) 03020022.4 3 Sep/sep 2003 EP (03.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HORIZONTALLY CONSTRUCTED CONTINUOUS STEAM GENERATOR AND METHOD FOR THE OPERATION THEREOF

• GENERATEUR DE VAPEUR EN CONTINU, A CONFIGURATION HORIZONTALE, ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER CE GENERATEUR

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRANKE, Joachim [DE/DE]; Klosterbergstr. 9, 90518 Altdorf (DE). KRAL, Rudolf [DE/DE]; Am Leitenweg 28, 92551 Stulln (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F22B 29/06, 35/14, 1/18

(11) WO 2005/028957 (13) A1

(21) PCT/EP2004/008655

(22) 2 Aug/août 2004 (02.08.2004)

(25) de (26) de

(30) 03020020.8 3 Sep/sep 2003 EP (03.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR STARTING A CONTINUOUS STEAM GENERATOR AND CONTINUOUS STEAM GENERATOR FOR CARRYING OUT SAID METHOD

• PROCEDE POUR FAIRE DEMARRER UN DISPOSITIF DE PRODUCTION DE VAPEUR EN CONTINU, ET DISPOSITIF DE PRODUCTION DE VAPEUR EN CONTINU POUR METTRE EN OEUVRE LE PROCEDE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FRANKE, Joachim [DE/DE]; Klosterbergstr. 9, 90518 Altdorf (DE). KRAL, Rudolf [DE/DE]; Am Leitenweg 28, 92551 Stulln (DE). SCHIESSER, Dieter [DE/DE]; In der Reuth 196, 91056 Erlangen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F23G 5/32

(11) WO 2005/028958 (13) A1

(21) PCT/JP2004/013662

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-324518 17 Sep/sep 2003 JP (17.09.2003)

(30) 2004-270224 16 Sep/sep 2004 JP (16.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMBUSTION CHAMBER FOR REVOLVING FLOW TYPE COMBUSTION FURNACE

• CHAMBRE DE COMBUSTION POUR FOUR A COMBUSTION DE TYPE A FLUX ROTATIF

(71) PACIFIC METALS CO., LTD. [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-0004 (JP). HONDA MOTOR CO., LTD. [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 1078556 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SOGA, Yoshisada [JP/JP]; c/o PACIFIC METALS CO., LTD., 5-2, Aza Tooyamashinden, Oaza Kawaragi, Hachinohe-shi, Aomori 0318617 (JP). UEMURA, Takayuki [JP/JP]; c/o PACIFIC METALS CO., LTD., 5-2, Aza Tooyamashinden, Oaza Kawaragi, Hachinohe-shi, Aomori 0318617 (JP). YAEZAWA, Hideaki [JP/JP]; c/o PACIFIC METALS CO., LTD., 5-2, Aza Tooyamashinden, Oaza Kawaragi, Hachinohe-shi, Aomori 0318617 (JP). SATOU, Akira [JP/JP]; c/o PACIFIC METALS CO., LTD., 5-2, Aza Tooyamashinden, Oaza Kawaragi, Hachinohe-shi, Aomori 0318617 (JP). KUWABARA, Mitsuo [JP/JP]; c/o HONDA ENGINEERING CO., LTD., 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 3501381 (JP). TAJIMA, Norio [JP/JP]; c/o HONDA ENGINEERING CO., LTD., 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 3501381 (JP). WATANABE, Mitsuo [JP/JP]; c/o HONDA ENGINEERING CO., LTD., 10-1, Shinsayama 1-chome, Sayama-shi, Saitama 3501381 (JP).

(74) KITAMURA, Kinichi; 703, New Shinbashi Building, 16-1, Shinbashi 2-chome, Minato-Ku, Tokyo 1050004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OMPG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F23Q 2/36

(11) WO 2005/028959 (13) A1

(21) PCT/DE2004/002101

(22) 20 Sep/sep 2004 (20.09.2004)

(25) de (26) de

(30) 103 43 512.3 19 Sep/sep 2003 DE  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LIGHTER WITH INFORMATION SUP-  
PORT

• BRIQUET A SUPPORT  
D'INFORMATION

(71, 72) RAEDER, Niels [DE/DE]; Lechstr. 12F,  
80636 München (DE).

(74) HAFT, VON PUTTKAMER, BERNGRU-  
BER, KARAKATSANIS; Franziskanerstr.  
38, 81669 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OMPG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> F23R 3/28, 3/34, F23D 14/74

(11) WO 2005/028960 (13) A2

(21) PCT/US2004/028906

(22) 3 Sep/sep 2004 (03.09.2004)

(25) en (26) en

(30) 60/500,518 5 Sep/sep 2003 US  
(05.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PILOT COMBUSTOR FOR STABILIZ-  
ING COMBUSTION IN GAS TURBINE  
ENGINES

• CHAMBRE DE COMBUSTION PILOTE  
POUR LA STABILISATION DE LA  
COMBUSTION DANS DES MOTEURS  
DE TURBINES A GAZ

(71) DELAVAN INC. [US/US]; 811 4th Street,  
West Des Moines, IA 50265 (US). DEMAG  
DELAVAL INDUSTRIAL TURBOMA-  
CHINERY AB [SE/SE]; S-612 83 Finspong  
(SE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) CORNWELL, Michael [US/US];  
10016 Colorado Road South, Bloom-  
ington, MN 55438 (US). MILOSAVLJEVIC,  
Vladimir, D. [SE/SE]; S-612 83 Finspong  
(SE).

(74) SILVIA, David, J.; Edwards & Angell, LLP,  
P.O. Box 55874, Boston, MA 02205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F24C 3/12

(11) WO 2005/028961 (13) A1

(21) PCT/GB2004/004065

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 0322253.6 23 Sep/sep 2003 GB  
(23.09.2003)

(30) 0415484.5 10 Jul/juil 2004 GB  
(10.07.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COOKING METHOD AND APPARA-  
TUS

• PROCEDE ET APPAREIL DE CUISSON

(71) NOCERA, Marcello [IT/GB]; 14 Lynton  
Grove, Bedford MK42 RR1 (GB).

(74) BURROWS, Anthony, Gregory; Business  
Centre West, Avenue One, Business Park,  
Letchworth Garden City, Hertfordshire SG6  
2HB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> F24C 7/00, F21S 10/04

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(21) PCT/GB2004/004042

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 0322190.0 23 Sep/sep 2003 GB  
(23.09.2003)

(30) 0326425.6 12 Nov/nov 2003 GB  
(12.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPARATUS FOR SIMULATING  
FLAMES

• APPAREIL SIMULATEUR DE  
FLAMMES

(71) FOCAL POINT MANUFACTURING  
COMPANY LIMITED [GB/GB]; 436  
Hillington Road, Hillington Industrial Estate,  
Glasgow G52 4BL (GB).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) McNISH, John [GB/GB]; Focal Point  
Manufacturing Company Limited, 436  
Hillington Road, Hillington Industrial Estate,  
Glasgow G52 4BL (GB). FOWLIE, Dou-  
glas [GB/GB]; Focal Point Manufacturing  
Company Limited, 436 Hillington Road,  
Hillington Industrial Estate, Glasgow G52  
4BL (GB). KINNIBURGH, Robin; Focal  
Point Manufacturing Company Limited, 436  
Hillington Road, Hillington Industrial Estate,  
Glasgow G52 4BL (GB).

(74) KENNEDYS PATENT AGENCY LIM-  
ITED; Floor 5, Queens House, 29 St. Vincent  
Place, Glasgow G1 2DT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
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(51)<sup>7</sup> F24C 7/08, 7/04, 7/06, 15/10

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(21) PCT/GB2004/004001

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 0322170.2 23 Sep/sep 2003 GB  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF CONTROLLING BOIL-  
ING LEVEL

• PROCEDE DE COMMANDE D'UN NI-  
VEAU D'EBULLITION

(71) CERAMASPEED LIMITED [GB/GB];  
Zortech Avenue, Kidderminster, Worcester-  
shire DY11 7DY (GB).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SWANN, Neil [GB/GB]; 25 Shrub-  
bery Road, Bromsgrove B61 7BG (GB).  
DAVIS, Frederick, James [GB/GB]; 6  
Portland Road, Droitwich WR9 7QW (GB).  
WILKINS, Peter, Ravenscroft [GB/GB]; 3  
Canal Cottages, Droitwich, Worcestershire  
WR9 7DU (GB).



(74) JACKSON, Derek, Charles; The Old Yard, Lower Town, Worcester, Worcestershire WR3 7RY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F24F

(11) WO 2005/028964 (13) A2

(21) PCT/US2004/030563

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/667,117 17 Sep/sep 2003 US (17.09.2003)

(30) 10/857,211 28 May/mai 2004 US (28.05.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • UNIVERSAL BRACKET AND METHOD FOR TRANSPORTING AN ASSEMBLED CONDUIT

• PATTE DE FIXATION UNIVERSELLE ET PROCÉDE POUR TRANSPORTER UN CONDUIT ASSEMBLE

(71) SVAC SALES [US/US]; 1650 Las Plumas Avenue, Suite H, San Jose, CA 95133 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KARAMANOS, John, C [US/US]; 1931 Patio Drive, San Jose, CA 95125 (US).

(74) JOHNSON, Michael et al. / etc.; Sawyer Law Group LLP, P.O. Box 51418, Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F24F 3/16, 5/00

(11) WO 2005/028965 (13) A1

(21) PCT/CN2004/000454

(22) 8 May/mai 2004 (08.05.2004)

(25) zh (26) zh

(30) 03253743.3 25 Sep/sep 2003 CN (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AN AIR CLEANER

• PURIFICATEUR D'AIR

(71, 72) YANG, Lexi [CN/CN]; Room 3, Building 5, No. 79 Hong Kong East Road, Qingdao, Shandong 266071 (CN).

(74) QINGDAO LZ PATENT OFFICE LTD; No. 1, Zhongshan Road, Qingdao, Shandong 266001 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F24H 1/43, F28D 7/02

(11) WO 2005/028966 (13) A1

(21) PCT/EP2004/010537

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) VR2003U000047 23 Sep/sep 2003 IT (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HEAT EXCHANGER

• ECHANGEUR DE CHALEUR

(71, 72) MONTINI, Renato [IT/IT]; Via Belvedere, 43, I-37010 Costermano (IT).

(74) MODIANO, Guido; Modiano & Associati, Via Meravigli, 16, I-20123 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F24J 2/00, H01L 31/04

(11) WO 2005/028967 (13) A1

(21) PCT/ES2004/000408

(22) 17 Sep/sep 2004 (17.09.2004)

(25) es (26) es

(30) P200302186 19 Sep/sep 2003 ES (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • THERMAL SHIELD FOR THE AIR-CONDITIONING OF BUILDINGS

• ECRAN THERMIQUE UTILISE DANS LA CLIMATISATION DES BATIMENTS

(71, 72) TRIMBOLI LONGUETTO, Antonino Adriano [ES/ES]; c/Maestro Villangomez, 7-2<sup>a</sup>, E-07800 Ibiza (ES).

(74) DOMINGUEZ COBETA, Josefa; C/ Dra-cena, 38, E-28016 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F24J 2/38, 2/54

(11) WO 2005/028968 (13) A1

(21) PCT/DE2004/002062

(22) 16 Sep/sep 2004 (16.09.2004)

(25) de (26) de

(30) 103 43 908.0 19 Sep/sep 2003 DE (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HYDRAULIC SUN TRACKING

• SYSTEME HYDRAULIQUE DE POUR-SUITE SOLAIRE

(71, 72) JURAN, Helmut [DE/DE]; Breitstrasse 41, 16727 Velten (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(u) for / pour US only / seulement

(51)<sup>7</sup> F24J 2/54, H01L 31/042

(11) WO 2005/028969 (13) A1

(21) PCT/IT2003/000565

(22) 22 Sep/sep 2003 (22.09.2003)

(25) de (26) de

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SOLAR ENERGY COLLECTING DEVICE FOR ABSORBING SOLAR ENERGY AND CONVERTING IT INTO ELECTRIC ENERGY

• DISPOSITIF CAPTEUR D'ENERGIE SOLAIRE SERVANT A ABSORBER

- D'ENERGIE SOLAIRE ET A LA CONVERTIR EN ENERGIE ELECTRIQUE
- (71) ELETTRIPIEMME SNC DI PEGORETTI MARCELLO & C. [IT/IT]; Via Crosare 60, I-38014 Trento, Frazione Gardolo (TN) (IT).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PEGORETTI, Marcello [IT/IT]; Via Sant'Anna 72, I-38014 Trento, Frazione Gardolo (TN) (IT).
- (74) GALISE, Francesco; Bugnion SPA, Via Perathoner 31, I-39100 Bolzano (BZ) (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> F25B 9/14
- (11) WO 2005/028970 (13) A1
- (21) PCT/EP2004/009098
- (22) 13 Aug/août 2004 (13.08.2004)
- (25) de (26) de
- (30) 103 39 843.0 29 Aug/août 2003 DE (29.08.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COLD GENERATOR  
• GENERATEUR DE FROID
- (71) LEYBOLD VACUUM GMBH [DE/DE]; Bonner Strasse 498, 50968 Köln (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PIETRANGELI, Mario [DE/DE]; Frankenstrasse 34, 50354 Hürth (DE). DIETZ, Holger [DE/DE]; Rather Strasse 19, 51149 Köln (DE).
- (74) SELTING, Günther et al. / etc.; Deichmannhaus am Dom, Bahnhofsvorplatz 1, 50667 Köln (DE).
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) PA 2003 01374 22 Sep/sep 2003 DK (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CIRCUIT WITH TWO-STEP CAPILLARY TUBE THROTTLING AND RECEIVER  
• CIRCUIT POSSEDANT UN ETRANGLLEMENT EN DEUX ETAPES A TUBES CAPILLAIRES ET UN RECEPTEUR
- (71, 72) ZIMMERMANN, Lars, Christian, Wulff [DK/DK]; Hoejgaardsparken 18, DK-8380 Trige (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • REFRIGERANT LEAKAGE DETECTING DEVICE AND REFRIGERATOR USING THE SAME  
• DISPOSITIF DE DETECTION DE FUITE DE REFRIGERANT ET REFRIGERATEUR UTILISANT UN TEL DISPOSITIF
- (71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 1058001 (JP). TOSHIBA CONSUMER MARKETING CORPORATION [JP/JP]; 1-8, Sotokanda 1-chome, Chiyoda-ku, Tokyo 1010021 (JP). TOSHIBA HA PRODUCTS CO., LTD. [JP/JP]; 1-6, Ohta Toshiba-cho, Ibaraki-shi, Osaka 5670013 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ADACHI, Kosaku [JP/JP]; c/o Toshiba HA Products Co., Ltd., 1-6, Ohta Toshiba-cho, Ibaraki-shi, Osaka 5670013 (JP). MARUTANI, Yuuki [JP/JP]; c/o Toshiba HA Products Co., Ltd., 1-6, Ohta Toshiba-cho, Ibaraki-shi, Osaka 5670013 (JP). NOGUCHI, Akihiko [JP/JP]; c/o Toshiba HA Products Co., Ltd., 1-6, Ohta Toshiba-cho, Ibaraki-shi, Osaka 5670013 (JP). SAKUMA, Tsutomu [JP/JP]; c/o Toshiba HA Products Co., Ltd., 1-6, Ohta Toshiba-cho, Ibaraki-shi, Osaka 5670013 (JP).
- (74) TSUTADA, Akiko et al. / etc.; 9th Floor, Nissei Bingomachi Bldg., 7-10, Bingomachi 1-chome, Chuo-ku, Osaka-shi, Osaka 5410051 (JP).
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 60/610,085 14 Sep/sep 2004 US (14.09.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SOLID-STATE FLOW GENERATOR AND RELATED SYSTEMS, APPLICATIONS, AND METHODS  
• GENERATEUR D'ECOULEMENT A SEMI-CONDUCTEURS ET SYSTEMES ASSOCIES, UTILISATIONS ET PROCEDES
- (71) SIONEX CORPORATION [US/US]; 300 Second Avenue, Waltham, MA 02451 (US).  
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- (72, 75) MILLER, Raanan, A. [US/US]; 24 Intervale Road, Chestnut Hill, MA 02467 (US). WRIGHT, John, A. [US/US]; 22 Quaker Lane, Billerica, MA 02453 (US).
- (74) BIANCO, John, V. et al. / etc.; Ropes & Gray LLP, One International Place, Boston, MA 02110-2624 (US).
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • SYSTEM FOR TRAPPING AIRBORNE WATER IN COOLING AND FREEZING DEVICES  
• SYSTEME POUR LE RECUEIL D'EAU SUSPENDUE DANS L'AIR DANS DES DISPOSITIFS DE REFROIDISSEMENT ET DE CONGELATION  
(71) UNIVERSITY OF FLORIDA [US/US]; 223 Grinter Hall, P.O. Box 115500, Gainesville, FL 32611-5500 (US).  
(72) INGLEBY, Herbert, A., III; 3901 NW 21st Lane, Gainesville, FL 32605 (US). SHERIF, Sherif, A.; 3440 NE 41st Place, Ocala, FL 34479 (US).  
(74) JETTER, Neil, R.; Akerman Senterfitt, 222 Lakeview Avenue, Suite 400, P.O. Box 3188, West Palm Beach, FL 33402-3188 (US).  
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • NATURAL GAS LIQUEFACTION PROCESS  
• PROCEDE DE LIQUEFACTION DE GAZ NATUREL  
(71) STATOIL ASA [NO/NO]; I & K IR PAT, N-4035 Stavanger (NO). LINDE AKTIENGESELLSCHAFT [DE/DE]; Abraham-Lincoln-Str. 21, 65189 Wiesbaden (DE).  
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(71) JACKSON, Robert [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

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- (72, 75) BAUER, Heinz [DE/DE]; Gartenstrasse 12, 82067 Ebenhausen (DE). FRANKE, Hubert [DE/DE]; Gistelstrasse 27, 82049 Pullach (DE). SAPPER, Rainer [DE/DE]; Zugspitzstrasse 9, 82335 Aufkirchen (DE). SCHIER, Marc [DE/DE]; Südliche Müncher Strasse 21, 82031 Grünwald (DE). BÖLT, Manfred [DE/DE]; Herbststrasse 33, 82194 Gröbenzell (DE). PETERSEN, Jostein [NO/NO]; Johannes Minsaas vei 12, N-7053 Ranheim (NO). FREDHEIM, Arne, Olav [NO/NO]; Tingveien 21C, N-7046 Trondheim (NO). PAUROLA, Pentti [FI/NO]; Busenset 26, N-4046 Hafslørd (NO).  
(74) JACKSON, Robert; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).  
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(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F25J 1/02

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(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • HYBRID GAS LIQUEFACTION CYCLE WITH MULTIPLE EXPANDERS  
• CYCLE DE LIQUEFACTION DE GAZ HYBRIDE COMPORTANT DE MULTIPLES ELEMENTS DETENDEURS  
(71) AIR PRODUCTS AND CHEMICALS, INC. [US/US]; 7201 Hamilton Boulevard, Allentown, PA 18195-1501 (US).  
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(72, 75) ROBERTS, Mark, Julian [US/US]; 8866 Canaris Drive, Kempton, PA 19529 (US). SPILSBURY, Christopher, Geoffrey [GB/GB]; Rooks Nest, Beech Road, Haslemere, Surrey GU27 2BX (GB). BROSTOW, Adam, Adrian [US/US]; 126 Colonial Court, Emmaus, PA 18949 (US).

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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • DRYER, DRYING METHOD AND DRYING PLANT  
• SECHOIR, PROCEDE DE SECHAGE ET INSTALLATION DE SECHAGE  
(71) MADDINGLEY BROWN COAL PTY LTD [AU/AU]; 267 Hawthorne Road, Caulfield, Victoria 3161 (AU).  
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(72, 75) WILSON, David [AU/AU]; 3 Oakbank Street, Newport, Victoria 3015 (AU).  
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(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • METHOD AND APPARATUS FOR HEAT TREATMENT OF PARTICULATES IN AN ELECTROTHERMAL FLUIDIZED BED FURNACE AND RESULTANT PRODUCTS  
• PROCEDE ET APPAREIL DE TRAITEMENT THERMIQUE DE PARTICULES DANS UN FOUR A LIT FLUIDISE ELECTROTHERMIQUE ET PRODUITS AINSI OBTENUS

(71) **SUPERIOR GRAPHITE CO.** [US/US]; 10 South Riverside Plaza, Chicago, IL 60606 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ZAK, Mark, S.** [US/US]; 11 Bedford Avenue, #K-3, Norwalk, CT 06850 (US). **HARRISON, William, Mark** [US/US]; 13480 Greenville Road, Hopkinsville, KY 42240 (US). **DONINGER, Joseph, E.** [US/US]; 427 East Deerpath Road, Lake Forest, IL 60045 (US).

(74) **HELLER, Stephen, B.**; Cook, Alex, McFar-ron, Manzo, Cummings & Mehler, Ltd, Suite 2850, 200 West Adams Street, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F28D

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(22) **13 Sep/sep 2004 (13.09.2004)**

(25) en (26) en

(30) 60/504,267 **18 Sep/sep 2003** US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS FOR STABILIZING FLOW IN CHANNELS AND SYSTEMS THEREOF

• PROCEDES DE STABILISATION DE L'ECOULEMENT DANS DES CANAUX ET SYSTEMES ASSOCIES

(71) **ROCHESTER INSTITUTE OF TECHNOLOGY** [US/US]; 5 Lomb Memorial Drive, Rochester, NY 14623-5603 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72) **KANDLIKAR, Satish, G.**; 44 Brandywine Lane, Rochester, NY 14618 (US).

(74) **LEINBERG, Gunnar, G.** et al. / etc.; Nixon Peabody LLP, Clinton Square, P.O. Box 31051, Rochester, NY 14603-1051 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/US2004/030377

(22) **16 Sep/sep 2004 (16.09.2004)**

(25) en (26) en

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(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM FOR CONFIGURING THE GEOMETRIC PARAMETERS FOR A MICRO CHANNEL HEAT EXCHANGER AND MICRO CHANNEL HEAT EXCHANGERS CONFIGURED THEREBY

• SYSTEME DE CONFIGURATION DES PARAMETRES GEOMETRIQUES D'UN ECHANGEUR DE CHALEUR A MICROCANAU, ET ECHANGEURS DE CHALEUR A MICROCANAU AINSI CONFIGURES

(71) **HONDA MOTOR CO., LTD.** [JP/JP]; No. 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).

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(72, 75) **FOLI, Augustine, Kwasi** [GH/US]; 2419 Breathstone Drive, Powell, OH 43065 (US).

(74) **BARANOWSKI, Edwin, M.**; Porter, Wright, Morris & Arthur, 41 South High Street, Columbus, OH 43215 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> F28D 1/04, F28F 9/00

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(21) PCT/EP2004/008740

(22) **4 Aug/août 2004 (04.08.2004)**

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(30) 103 40 566.6 **1 Sep/sep 2003** DE (01.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MOUNTING ASSEMBLY FOR A HEAT EXCHANGER DEVICE

• SYSTEME DE MONTAGE DU DISPOSITIF D'ECHANGE DE CHALEUR

(71) **BEHR GMBH & CO. KG** [DE/DE]; Mauerstrasse 3, 70469 Stuttgart (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GONZÁLEZ RECHEA, Pedro** [ES/DE]; Hermannstrasse 7, 70178 Stuttgart (DE).

(74) **BEHR GMBH & CO. KG**; Intellectual Property, G-IP, Mauerstrasse 3, 70469 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

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(51)<sup>7</sup> F28D 9/00, F28F 3/04, 21/06, B01D 1/26, 1/28

(11) **WO 2005/028982** (13) A1

(21) PCT/US2004/030619

(22) **20 Sep/sep 2004 (20.09.2004)**

(25) en (26) en

(30) 60/504,138 **19 Sep/sep 2003** US (19.09.2003)

(30) 10/944,374 **17 Sep/sep 2004** US (17.09.2004)

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(30) 10/944,071 **17 Sep/sep 2004** US (17.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VAPOR-COMPRESSION EVAPORATION SYSTEM AND METHOD

• SYSTEME ET PROCEDE D'EVAPORATION PAR COMPRESSION DE VAPEUR

(71) **THE TEXAS A & M UNIVERSITY SYSTEM** [US/US]; Technology Licensing Office, 3369 Tamu, College Station, TX 77843 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HOLTZAPPLE, Mark, T.** [US/US]; 1805 Southwood Drive, College Station, TX 77840-4859 (US). **NOYES, Gary, P.** [US/US]; 180 Townboro Drive, Houston, TX 77062 (US). **RABROKER, George, A.** [US/US]; 8713 Sandstone, College Station, TX 77845 (US).

(74) **WILLIAMS, Bradley, P.**; Baker Botts LLP, 2001 Ross Avenue, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
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(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HEAT EXCHANGER SYSTEM AND METHOD  
• SYSTEME D'ECHANGEUR THERMIQUE ET PROCEDE

(71) THE TEXAS A & M UNIVERSITY SYSTEM [US/US]; Technology Licensing Office, 3369 TAMU, College Station, TX 77843 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOLTZAPPLE, Mark, T. [US/US]; 1805 Southwood Drive, College Station, TX 77840-4859 (US).

(74) WILLIAMS, Bradley, P.; Baker Boots LLP, 2001 Ross Avenue, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F28D 21/00

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(54) • FLEXIBLE HEAT EXCHANGERS  
• ECHANGEURS THERMIQUES SOUPLES

(71) COOLHEAD TECHNOLOGIES, INC. [CA/CA]; #117 16350 - 14th Avenue, Surrey, British Columbia V4A 8J8 (CA).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FLETCHER, R., David [CA/CA]; #117 16350 14th Avenue, surrey, British Columbia V4A 8J8 (CA). FLETCHER, John, Robert [CA/CA]; 16779 84A Avenue, Surrey, British Columbia V4N 4W2 (CA). AU, Katie, Man-Ki [CA/CA]; #1503-6080 Minoru Boulevard, Richmond, British Columbia V6Y 4A7 (CA). CLARKE, Christopher, Lawrence [CA/CA]; #301 - 524 W. 13th Avenue, Vancouver, British Columbia V5Z 1N6 (CA). CHEN, Yunquan [CA/CA]; 277 - 67A St., Delta, British Columbia V4L 1L2 (CA).

(74) MANNING, Gavin, N. et al. / etc.; Oyen Wiggs Green & Mutala, 480 - The Station, 601 West Cordova, Vancouver, British Columbia V6B 1G1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

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(54) • CAVITATION REACTOR AND METHOD OF PRODUCING HEAT  
• REACTEUR A CAVITATION ET PROCEDE DE PRODUCTION DE CHALEUR

(71) FIRST GATE ENERGIES [US/US]; 4124 Kapuna Road, Kilauea, HI 96754 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STRINGHAM, Roger [—/US]; 4124 Kapuna Road, Kilauea, HI 96754 (US).

(74) MARCUS, Brian, I.; Vierra Magen Marcus Harmon & Deniro LLP, 685 Market Street, Suite 540, San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F28F 1/12, F28D 1/03

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(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SOLDERED HEAT EXCHANGER NETWORK  
• RESEAU D'ECHANGE THERMIQUE SOUDE A L'ETAİN

(71) BEHR GMBH & CO. KG [DE/DE]; Mauerstrasse 3, 70469 Stuttgart (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HELMS, Werner [DE/DE]; Weimarer Strasse 22, 73730 Esslingen (DE). HÄGELE, Jürgen [DE/DE]; Wildeckstrasse 3, 70460 Stuttgart (DE).

(74) BEHR GMBH & CO. KG; Mauerstrasse 3, 70469 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (22) **4 Aug/août 2004 (04.08.2004)**  
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- (54) • HEAT EXCHANGER  
• ÉCHANGEUR THERMIQUE
- (71) **BEHR GMBH & CO. KG** [DE/DE]; Mauerstrasse 3, 70469 Stuttgart (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WÖLK, Gerrit** [DE/DE]; Olgastrasse 126, 70180 Stuttgart (DE).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (54) • HEAT EXCHANGER COOLING FIN  
• AILETTE DE REFRIGÉRATION D'ÉCHANGEUR DE CHALEUR
- (71) **TI GROUP AUTOMOTIVE SYSTEMS LIMITED** [GB/GB]; 4650 Kingsgate, Oxford Business Park South, Cascade Way, Oxford OX4 2US (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BERGGREN, Göte, Gunnar** [SE/SE]; Magdalenag 94, S-531 38 Lidköping (SE).  
**VIKLUND, Bengt, Åke** [SE/SE]; Badgatan 23, S-467 30 Grästorp (SE).
- (74) **ATKINSON, Ralph**; Atkinson Burrington, 25-29 President Buildings, President Way, Sheffield S4 7UR (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (54) • STRENGTHENING HEAT EXCHANGER DEVICE  
• ÉCHANGEUR THERMIQUE DE RENFORT
- (71) **WUHAN HONGTU HIGH-NEW TECHNOLOGY RESEARCH INSTITUTE OF BF & HBS** [CN/CN]; 6, 1st Industry Road, Qingshan District, Wuhan, Hubei 430080 (CN).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DUAN, Run, Xin** [CN/CN]; 6, 1st Industry Road, Qingshan District, Wuhan, Hubei 430080 (CN).  
**DUAN, Zhong, Jian** [CN/CN]; 6, 1st Industry Road, Qingshan District, Wuhan, Hubei 430080 (CN).  
**DUAN, Zhong, Dong** [CN/CN]; 6, 1st Industry Road, Qingshan District, Wuhan, Hubei 430080 (CN).  
**ZHOU, Shao, Ping** [CN/CN]; 6, 1st Industry Road, Qingshan District, Wuhan, Hubei 430080 (CN).  
**LIU, Yu, Hong** [CN/CN]; 6, 1st Industry Road, Qingshan District, Wuhan, Hubei 430080 (CN).  
**ZHANG, Yu, Xia** [CN/CN]; 6, 1st Industry Road, Qingshan District, Wuhan, Hubei 430080 (CN).
- (74) **WUHAN KAIYUAN PATENT AGENT LTD.**; No. 1757-1 Jiefang Avenue, Wuhan, Hubei 430016 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **F28F 9/02, 9/18, F28D 1/053**  
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- (54) • HEAT EXCHANGER

- ECHANGEUR DE CHALEUR
- (71) **BEHR GMBH & CO. KG** [DE/DE]; Mauerstrasse 3, 70469 Stuttgart (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **EMRICH, Karsten** [DE/DE]; Gutenbergstrasse 97, 70197 Stuttgart (DE).  
**HELMS, Werner** [DE/DE]; Weimarstrasse 22, 73730 Esslingen (DE).  
**RECK, Markus** [DE/DE]; Haeckerstrasse 4, 70565 Stuttgart (DE).  
**WEISE, Stefan** [DE/DE]; Kyffhäuser Strasse 50, 70469 Stuttgart (DE).
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (54) • ELECTRONIC PAINTBALL MARKER  
• MARQUEUR DE PAINTBALL ÉLECTRONIQUE
- (71) **NATIONAL PAINTBALL SUPPLY, INC.** [US/US]; 570 Mantua Boulevard, Sewell, NJ 08080 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CAMPO, John, E.** [US/US]; 13 Hanover Drive, Medford, NJ 08055-8619 (US).
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

- DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- (51)<sup>7</sup> G01B  
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(54) • LINE PROFILE ASYMMETRY MEASUREMENT  
• MESURE D'ASYMETRIE DE PROFIL LINEAIRE  
(71) ACCENT OPTICAL TECHNOLOGIES, INC. [US/US]; 131 NW Hawthorne, Suite 207, Bend, OR 97701 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) RAYMOND, Chris [US/US]; 1927 NW Hill Point Drive, Bend, OR 97701 (US).
- (74) HOTCHKISS, Edward, S. et al. / etc.; Perkins Coie LLP, P.O. Box 1247, Seattle, WA 98111-1247 (US).
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G01B 9/00  
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(54) • SYSTEM AND METHOD FOR INTEGRATED MULTI-USE OPTICAL ALIGNMENT  
• SYSTEME ET PROCEDE POUR L'ALIGNEMENT OPTIQUE POLYVALENT  
(71) LAM RESEARCH CORPORATION [US/US]; 4650 Cushing Parkway, Fremont, CA 94538 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PERRY, Andrew [AU/US]; 2536 Parkside Drive, Fremont, CA 94536 (US). STEGER, Robert [US/US]; 2240 Homestead Court, #307, Los Altos, CA 94024 (US). BENJAMIN, Neil [GB/US]; 216 Green Street, Palo Alto, CA 94303 (US).
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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G01B 7/30, G01D 5/18, B62D 5/04  
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(54) • STEERING ANGLE SENSOR  
• CAPTEUR D'ANGLE DE BRAQUAGE  
(71) NSK LTD. [JP/JP]; 6-3, Ohsaki 1-Chome, Shinagawa-Ku, Tokyo, 1418560 (JP). NSK STEERING SYSTEMS CO., LTD. [JP/JP]; 6-3, Ohsaki 1-Chome, Shinagawa-Ku, Tokyo, 1418560 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HARA, Takeshi [JP/JP]; c/o NSK STEERING SYSTEMS Co., Ltd., 78, Toriba-Machi, Maebashi-shi, Gunma, 3718527 (JP). ISHIKAWA, Takeshi [JP/JP]; c/o NSK STEERING SYSTEMS Co., Ltd., 78, Toriba-Machi, Maebashi-shi, Gunma, 3718527 (JP). ONIZUKA, Toshiyuki [JP/JP]; c/o NSK STEERING SYSTEMS Co., Ltd., 78, Toriba-Machi, Maebashi-shi, Gunma, 3718527 (JP). ENDO, Shuji [JP/JP]; c/o NSK STEERING SYSTEMS Co., Ltd., 78, Toriba-Machi, Maebashi-shi, Gunma, 3718527 (JP).
- (74) AGATA, Yuzo; 13-5, Akasaka 2-Chome, Minato-Ku, Tokyo, 1070052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • FBG SENSING SYSTEM  
• SYSTEME DE DETECTION FBG  
(71) KYOCERA CORPORATION [JP/JP]; 6, Takeda Tobadono-cho, Fushimi-ku, Kyoto-shi, Kyoto, 6128501 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TAKEI, Yusuke [JP/JP]; c/o KYOCERA CORPORATION, Tokyo Yoga Office, 14-9, Tamagawadai 2-chome, Setagaya-ku, Tokyo, 1588610 (JP). AJIMA, Hiromi [JP/JP]; c/o KYOCERA CORPORATION, Tokyo Yoga Office, 14-9, Tamagawadai 2-chome, Setagaya-ku, Tokyo, 1588610 (JP). OKUTA, Michitaka [JP/JP]; c/o KYOCERA CORPORATION, Tokyo Yoga Office, 14-9, Tamagawadai 2-chome, Setagaya-ku, Tokyo, 1588610 (JP).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G01B 21/04, 5/012  
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(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • METHOD OF ERROR COMPENSATION IN A COORDINATE MEASURING MACHINE  
• PROCEDE DE COMPENSATION D'ERREUR DANS UNE MACHINE DE MESURE DE COORDONNEES  
(71) RENISHAW PLC [GB/GB]; New Mills, Wotton-under-Edge, Gloucestershire GL12 8JR (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **McMURTRY, David, Roberts** [GB/GB]; Park Farm, Stancombe, Dursley, Gloucestershire GL11 6AT (GB). **McFARLAND, Geoff** [GB/GB]; The Manse, 22 Church Road, Upper Cam, Dursley, Gloucestershire GL11 5PG (GB). **NAI, Kenneth, Cheng-Hoe** [SG/GB]; 124 The Crescent, Henleaze, Bristol BS9 4RT (GB). **TRULL, Stephen, James** [GB/GB]; Bramble Cottage, 82 Sodbury Road, Wickwar, Gloucestershire GL12 8NT (GB). **WESTON, Nicholas, John** [GB/GB]; Monksford, 1 Eddiston road, Peebles, Peebleshire, Scotland EH45 9DT (GB).
- (74) **JACKSON, John, Timothy**; Renishaw plc, Patent Department, New Mills, Wotton-under-Edge, Gloucestershire GL12 8RJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **G01C**
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- (21) PCT/US2004/030079
- (22) **15 Sep/sep 2004 (15.09.2004)**
- (25) en (26) en
- (30) 10/662,236 **15 Sep/sep 2003** US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ANP/RNP DISPLAY  
• AFFICHAGE ANP/RNP
- (71) **UNIVERSAL AVIONICS SYSTEMS CORPORATION** [US/US]; 6090-A Northbelt Parkway, Norcross, GA (US).
- (72) **NAIMER, Joachim, Laurent**; Nuvola Bianca, Mascona, CH-6612 TI (US). **NAIMER, Ted, Joachim**; Via Moscia 118, Ascona, CH-6612 TI (CH). **BRANNEN, Jim**; 1854 Jenna Lyn Ct., Lawrenceville, GA 30043 (US). **LAWRENCE, Tom**; 405 Ocala Drive, Knoxville, TN 37918 (US). **DEES, Grady**; 3260 East University Way, Tucson, AZ 85706 (US). **HARKIN, Gerald, M.**; 3260 East Universal Way, Tucson, AZ 85706 (US).
- (74) **STANDLEY, Jeffrey, S. et al. / etc.**; 495 Metro Place South, Suite 210, Dublin, OH 43017-5319 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **G01C**
- (11) **WO 2005/028999** (13) A2
- (21) PCT/US2004/030159
- (22) **15 Sep/sep 2004 (15.09.2004)**
- (25) en (26) en
- (30) 60/504,482 **17 Sep/sep 2003** US (17.09.2003)
- (30) 60/569,842 **11 May/mai 2004** US (11.05.2004)
- (30) 10/940,368 **14 Sep/sep 2004** US (14.09.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MEASUREMENT METHODS AND APPARATUS  
• PROCEDES ET APPAREIL DE MESURE
- (71) **GEOSCAN TECHNOLOGIES LLC** [US/US]; 1336 Cathedral Rock Drive, Sedalia, Colorado 80135 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BONTJE, Douglas, A.** [US/US]; 1336 Cathedral Rock Drive, Sedalia, Colorado 80135 (US).
- (74) **MARSH FISCHMANN & BREYFOGLE LLP?**; Fischmann, Kent, A., 3151 South Vaughn Way, Suite 411, Aurora, Colorado 80014 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **G01C 19/00**
- (11) **WO 2005/029000** (13) A2
- (21) PCT/US2004/005118
- (22) **20 Feb/fév 2004 (20.02.2004)**
- (25) en (26) en
- (30) 10/370,953 **20 Feb/fév 2003** US (20.02.2003)
- (30) 10/410,744 **10 Apr/avr 2003** US (10.04.2003)
- (30) 10/432,459 **25 Apr/avr 2003** US (25.04.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ISOLATED RESONATOR GYROSCOPE WITH COMPACT FLEXURES  
• GYROSCOPE A RESONATEUR ISOLE POURVOU DE MECANISMES DE FIXATION COMPACTS
- (71) **THE BOEING COMPANY** [US/US]; 100 North Riverside, Chicago, IL 60606 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **CHALLONER, Dorian, A.**; 311 Carriage Place, Manhattan Beach, CA 90266 (US). **SHCHEGLOV, Kirill, V.**; 4858 Lincoln Avenue #3, Los Angeles, CA 90042 (US).
- (74) **GUDMESTAD, Terje et al. / etc.**; The Boeing Company, 15460 Laguna Canyon Road, MC 1650-7006, Irvine, CA 92618 (US).
- (72, 75) **MAENO, Jun** [JP/JP]; c/o Ishikawajima-Harima Heavy Industries Co., Ltd., 1, Shin-Nakahara-cho, Isogo-ku, Yokohama-shi, Kanagawa, 2350031 (JP). **SUZUKI, Toshiaki** [JP/JP]; c/o Ishikawajima Inspection & Instrumentation Co., Ltd., 1720, Kamai, Azuma-machi, Inashiki-gun, Ibaraki, 3000604 (JP). **TAKAI, Makoto** [JP/JP]; c/o Ishikawajima Inspection & Instrumentation Co., Ltd., 1, Shin-Nakahara-cho, Isogo-ku, Yokohama-shi, Kanagawa, 2350031 (JP). **WAKAMATSU, Takumi** [JP/JP]; c/o Central Motor Wheel Co., Ltd., 1-7, Maruta, Ozaki-chou, Anjo-shi, Aichi, 4460004 (JP). **TSUZUKI, Masayasu** [JP/JP]; c/o Central Motor Wheel Co., Ltd., 1-7, Maruta, Ozaki-chou, Anjo-shi, Aichi, 4460004 (JP).



(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> G01C 21/00

(11) WO 2005/029001 (13) A1

(21) PCT/CA2004/001734

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 60/504,967 23 Sep/sep 2003 US  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR  
DETERMINING THE POSITION  
OF AN UNDERWATER OBJECT IN  
REAL-TIME

• PROCÉDE ET DISPOSITIF PERMET-  
TANT DE DETERMINER LA POSITION  
D'UN OBJET SOUS L'EAU EN TEMPS  
REEL

(71) HYDRO-QUEBEC [CA/CA]; Techno-  
logie et Développement Industriel, Direction  
Valorisation, 1000, rue Sherbrooke Est, 16e  
étage, Montréal, Québec H3A 3G4 (CA).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BLAIN, Michel [CA/CA]; 721, rue Mi-  
mosas, Saint-Amable, Québec J0L 1N0 (CA).  
HOUDE, Régis [CA/CA]; 721, rue Nor-  
mand-Hudon, Sainte-Julie, Québec J3E 3C1  
(CA). LALIBERTÉ, Richard [CA/CA];  
900 Brisset, Sainte-Julie, Québec J3E 3C1  
(CA).

(74) OGILVY RENAULT?; Suite 1600, 1981  
McGill College Avenue, Montreal, Québec  
H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> G01C 21/36, G08G 1/0969

(11) WO 2005/029002 (13) A1

(21) PCT/JP2004/013434

(22) 15 Sep/sep 2004 (15.09.2004)

(25) ja

(26) ja

(30) 2003-325773 18 Sep/sep 2003 JP  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ON-VEHICLE INFORMATION TER-  
MINAL, ROUTE CHARACTERIS-  
TIC EXTRACTION DEVICE, AND  
ROUTE CHARACTERISTIC DISPLAY  
METHOD

• TERMINAL D'INFORMATIONS  
EMBARQUE, DISPOSITIF  
D'EXTRACTION DE CARACTE-  
RISTIQUES D'ITINERAIRE ET  
PROCÉDE D'AFFICHAGE DE  
CARACTERISTIQUES D'ITINERAIRE

(71) XANAVI INFORMATICS CORPORA-  
TION [JP/JP]; 6-35, Hironodai 2-chome,  
Zama-shi, Kanagawa, 2280012 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SUMIZAWA, Akio [JP/JP]; c/o  
XANAVI INFORMATICS CORPORA-  
TION 6-35, Hironodai 2-chome, Zama-shi,  
Kanagawa, 2280012 (JP). MINAGAWA,  
Hirosi [JP/JP]; c/o XANAVI INFOR-  
MATIC CORPORATION 6-35, Hironodai  
2-chome, Zama-shi, Kanagawa, 2280012  
(JP). OIKUBO, Wataru [JP/JP]; c/o  
XANAVI INFORMATICS CORPORA-  
TION 6-35, Hironodai 2-chome, Zama-shi,  
Kanagawa, 2280012 (JP).

(74) NAGAI, Fuyuki; Iino Building, 2-1-1, Uchi-  
saiwai-cho, Chiyoda-ku, Tokyo, 1000011  
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G01D

(11) WO 2005/029003 (13) A2

(21) PCT/US2004/003719

(22) 9 Feb/fév 2004 (09.02.2004)

(25) en (26) en

(30) 60/446,383 10 Feb/fév 2003 US  
(10.02.2003)

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(10.02.2003)

(30) 60/474,457 30 May/mai 2003 US  
(30.05.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ADSORPTION, DETECTION, AND  
IDENTIFICATION OF COMPONENTS  
OF AMBIENT AIR WITH DESORP-  
TION/IONIZATION ON SILICON  
MASS SPECTROMETRY (DIOS-MS)

• ADSORPTION, DETECTION, ET IDEN-  
TIFICATION DE CONSTITUANTS DE

L'AIR AMBIANT AVEC SPECTROME-  
TRIE DE MASSE DE DESORPTION/IO-  
NISATION SUR SILICIUM

(71) WATERS INVESTMENTS LIMITED  
[—/US]; 109 Lukens Drive, New Castle, DE  
19720 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) FINCH, Jeffrey, W. [US/US]; 12 Cad-  
man Drive, Mendon, MA 01756 (US).  
STUMPF, Chris, L. [US/US]; 4 Lyndon  
Road, Apt. 9, Milford, MA 01757 (US).  
COMPTON, Bruce, J. [US/US]; 30 Cottage  
Street, Lexington, MA 02420 (US).

(74) JANIUK, Anthony, J. et al. / etc.; Waters  
Corporation, 34 Maple Street, Mail Stop LG,  
Milford, MA 01757 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> G01D 5/00

(11) WO 2005/029004 (13) A2

(21) PCT/EP2004/009603

(22) 28 Aug/août 2004 (28.08.2004)

(25) de (26) de

(30) 203 14 092.3 11 Sep/sep 2003 DE  
(11.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • POSITION CONTROLLER, PARTIC-  
ULARLY FOR A TRANSLATORY OR  
ROTARY MOVEMENT

• SYSTEME DE REGLAGE DE POSI-  
TION, NOTAMMENT POUR UN MOU-  
VEMENT DE TRANSLATION OU DE  
ROTATION

(71) TUCHENHAGEN GMBH [DE/DE]; Am  
Industriepark 2-10, 21514 Büchen (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) LUDWIG, Maico [DE/DE]; Birkenallee  
9, 24626 Gross-Kummerfeld (DE). HEINZE,  
Daniel [DE/DE]; Löwenzahnweg 14, 21493  
Schwarzenbek (DE).

(74) TUCHENHAGEN GMBH; Am Indus-  
triemarkt 2-10, 21514 Büchen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01D 5/353, 5/26, G01R 15/24, G01L 1/24

(11) WO 2005/029005 (13) A1

(21) PCT/GB2004/004018

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 0321804.7 18 Sep/sep 2003 GB (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM FOR REMOTE MEASUREMENTS

• SYSTEME POUR MESURES A DISTANCE

(71) UNIVERSITY OF STRATHCLYDE [GB/GB]; McCance Building, 16 Richmond St, Glasgow G1 1XQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NIEWCZAS, Pawel [PL/GB]; 31 Redwood Crescent, Cambuslang, Glasgow G72 7FZ (GB). MCDONALD, James, Rufus [GB/GB]; Chapelton House, Chapelton, Near Stewarton, Ayrshire KA3 3ED (GB).

(74) SZCZUKA, Jan, Tymoteusz et al. / etc.; Marks & Clerk, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01F

(11) WO 2005/029006 (13) A2

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(22) 3 Sep/sep 2004 (03.09.2004)

(25) de (26) de

(30) 103 43 793.2 22 Sep/sep 2003 DE (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HOT FILM AIR MASS SENSOR CONTACTED BY MEANS OF AN ANISOTROPIC CONDUCTIVE GLUE

• CAPTEUR MASSIQUE D'AIR A FILM CHAUD MIS EN CONTACT A L'AIDE D'ADHESIF CONDUCTEUR ANISOTROPE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KONZELMANN, Uwe [DE/DE]; Schwalbenweg 14, 71679 Asperg (DE). LANG, Tobias [DE/DE]; Elisabethenstr. 32, 70197 Stuttgart (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01F 1/684

(11) WO 2005/029007 (13) A1

(21) PCT/EP2004/052007

(22) 2 Sep/sep 2004 (02.09.2004)

(25) de (26) de

(30) 10343792.4 22 Sep/sep 2003 DE (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HOT-FILM AIR MASS SENSOR COMPRISING A POROUS SUPPORTING STRUCTURE AND A POROSITY GRADIENT UNDER THE SENSOR MEMBRANE, AND METHOD FOR PRODUCING THE SAME

• CAPTEUR DE MASSE D'AIR A PELLICULE CHAUDE PRESENTANT UNE STRUCTURE DE SUPPORT ET UN GRADIENT DE POROSITE SOUS LA MEMBRANE DE DETECTION, ET PROCEDE DE PRODUCTION CORRESPONDANT

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(72, 75) KONZELMANN, Uwe [DE/DE]; Schwalbenweg 14, 71679 Asperg (DE). LANG, Tobias [DE/DE]; Elisabethenstr. 32, 70197 Stuttgart (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01F 1/692

(11) WO 2005/029008 (13) A2

(21) PCT/EP2004/052037

(22) 3 Sep/sep 2004 (03.09.2004)

(25) de (26) de

(30) 103 43 791.6 22 Sep/sep 2003 DE (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HOT FILM AIR MASS SENSOR COMPRISING THROUGH CONNECTIONS ON THE SENSOR CHIP

• CAPTEUR MASSIQUE D'AIR A FILM CHAUD COMPORTANT DES CONTACTS TRAVERSANTS SUR LA PUCE DE CAPTEUR

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KONZELMANN, Uwe [DE/DE]; Schwalbenweg 14, 71679 Asperg (DE). LANG, Tobias [DE/DE]; Elisabethenstr. 32, 70197 Stuttgart (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01F 23/02, 23/292

(11) WO 2005/029009 (13) A1

(21) PCT/US2004/029367

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/661,828 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LIQUID LEVEL GAGE AND ILLUMINATOR THEREFORE

• INDICATEUR DE NIVEAU DE LIQUIDE ET ILLUMINATEUR ASSOCIE

(71) CLARK-RELIANCE CORPORATION [US/US]; 16633 Foltz Industrial Parkway, Strongsville, OH 44136 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOWALSKI, Kenneth, H. [US/US]; 9245 Prospect Road, Strongsville, OH 44149 (US). SEVERA, Frank, A. [US/US]; 473 Alexis Drive, Elyria, OH 44035 (US).

(74) KASTELIC, Tara, A.; Calfee, Halter & Griswold L.L.P., Suite 1400, 800 Superior Avenue, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G01F 23/74

(11) WO 2005/029010 (13) A1

(21) PCT/US2004/029370

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/661,693 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LIQUID LEVEL INDICATOR USING LIGHTS

• INDICATEUR DE NIVEAU DE LIQUIDE UTILISANT DES LUMIERES

(71) CLARK-RELIANCE CORPORATION [—/US]; 16633 Foltz Industrial Parkway, Strongsville, OH 44149 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOWALSKI, Kenneth H. [US/US]; 9245 Prospect Road, Strongsville, OH 44149 (US).

(74) SZABO, Paul, E.; 800 Superior Avenue, Suite 1400, Cleveland, OH 44114-2688 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G01G 7/04

(11) WO 2005/029011 (13) A1

(21) PCT/EP2004/009137

(22) 14 Aug/août 2004 (14.08.2004)

(25) de (26) de

(30) 103 42 272.2 12 Sep/sep 2003 DE (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • WEIGHING SYSTEM ACCORDING TO THE PRINCIPLE OF ELECTROMAGNETIC ENERGY COMPENSATION

• SYSTEME DE PESEE SELON LE PRINCIPE DE LA COMPENSATION DE FORCE ELECTROMAGNETIQUE

(71) SARTORIUS AG [DE/DE]; Weender Landstr. 94-108, 37075 Göttingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÜLLER, Michael [DE/DE]; Madridstr. 11, 37079 Göttingen (DE). BAJOHR, Ulrich [DE/DE]; Steinbreite 7, 37085 Göttingen (DE). DOMHARDT, Michael [DE/DE]; Ilmenauer Str. 2, 98711 Schmiedefeld (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01H 11/06

(11) WO 2005/029012 (13) A1

(21) PCT/JP2004/013045

(22) 8 Sep/sep 2004 (08.09.2004)

(25) ja (26) ja

(30) 2003-329878 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VIBRATION SENSOR

• CAPTEUR DE VIBRATIONS

(71) HOSIDEN CORPORATION [JP/JP]; 4-33, Kitakyuhoji 1-chome, Yao-shi, Osaka, 5810071 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YASUDA, Mamoru [JP/JP]; 11-2, Sakuragaoka-higashimachi 5-chome, Nishi-ku, Kobe-shi, Hyogo, 6512225 (JP). SUGIMORI, Yasuo [JP/JP]; 2895-1, Sakaemachi, Nabari-shi, Mie, 5180719 (JP).

(74) KITAMURA, Shuichiro; 8-1, Toyosaki 5-chome, Kita-ku, Osaka-shi, Osaka, 5310072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01H 11/06

(11) WO 2005/029013 (13) A1

(21) PCT/JP2004/013046

(22) 8 Sep/sep 2004 (08.09.2004)

(25) ja (26) ja

(30) 2003-329877 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VIBRATION SENSOR

• DETECTEUR DE VIBRATION

(71) HOSIDEN CORPORATION [JP/JP]; 4-33, Kitakyuhoji 1-chome, Yao-shi, Osaka, 5810071 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YASUDA, Mamoru [JP/JP]; 11-2, Sakuragaoka-higashimachi 5-chome, Nishi-ku, Kobe-shi, Hyogo, 6512225 (JP). SUGIMORI, Yasuo [JP/JP]; 2895-1, Sakaemachi, Nabari-shi, Mie, 5180719 (JP).

(74) KITAMURA, Shuichiro; 8-1, Toyosaki 5-chome, Kita-ku, Osaka-shi, Osaka, 5310072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01J

(11) WO 2005/029014 (13) A2

(21) PCT/IL2004/000873

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 60/505,024 24 Sep/sep 2003 US (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PULSE FORMING NETWORK AND PULSE GENERATOR

• RESEAU GENERATEUR D'IMPULSIONS ET GENERATEUR D'IMPULSIONS

(71) T Squared Thermal Technologies, Ltd. [IL/IL]; p.o.box 70084, 31700, Haifa (IL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARAK, Menashe [IL/IL]; 26 Leah street, 34403 Haifa (IL).

(74) MILLER - SIERADZKI ADVOCATES & PATENT ATTORNEYS; P.O.Box 6149, 31061 Haifa (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01J  
(11) WO 2005/029015 (13) A2  
(21) PCT/US2004/015046  
(22) 13 May/mai 2004 (13.05.2004)  
(25) en (26) en  
(30) 60/482,386 25 Jun/juin 2003 US (25.06.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • MULTISPECTRAL, MULTIFUSION, LASER-POLARIMETRIC OPTICAL IMAGING SYSTEM  
• SYSTEME D'IMAGERIE OPTIQUE POLARIMETRIQUE-LASER, MULTISPECTRAL, MULTIFUSION
- (71) THE UNIVERSITY OF AKRON [US/US]; 302 East Buchtel Common, Akron, OH 44325 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GIAKOS, George, C. [US/US] (US).
- (74) DONALD J. FIRCA, ESQ.; Roetzl & Andress, 222 South Main Street, Akron, OH 44308 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01J  
(11) WO 2005/029016 (13) A2  
(21) PCT/US2004/007975  
(22) 12 Mar/mar 2004 (12.03.2004)  
(25) en (26) en  
(30) 60/453,968 13 Mar/mar 2003 US (13.03.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • MATERIAL IDENTIFICATION EMPLOYING A GRATING SPECTROMETER  
• IDENTIFICATION DE MATERIAU A L'AIDE D'UN SPECTROMETRE A RESEAU
- (71) UNIVERSITY OF FLORIDA [US/US]; 223 Grinter Hall, Gainesville, FL 32611-5500 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GORNUSHKIN, Igor, B. [RU/US]; 2518 NW 50th Place, Gainesville, FL 32605 (US). WINEFORDNER, James, D. [US/US]; 3535 NW 40th Terrace, Gainesville, FL 32606 (US). SMITH, Benjamin, W. [US/US]; 404 NE 2nd Avenue, Gainesville, FL 32601 (US).
- (74) CLARKE, Dennis, P. et al. / etc.; Miles & Stockbridge P.C., 1751 Pinnacle Drive, Suite 500, McLean, VA 22102-3833 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01J 1/42, H01L 31/10, H04B 10/06  
(11) WO 2005/029017 (13) A1  
(21) PCT/JP2004/013063  
(22) 8 Sep/sep 2004 (08.09.2004)  
(25) ja (26) ja  
(30) 2003-325226 17 Sep/sep 2003 JP (17.09.2003)  
(30) 2004-132270 27 Apr/avr 2004 JP (27.04.2004)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • PHOTON DETECTING APPARATUS AND PHOTON DETECTING METHOD  
• DETECTEUR DE PHOTONS ET PROCEDE CORRESPONDANT
- (71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YOSHIZAWA, Akio [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-8568 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01J 3/50, 3/28  
(11) WO 2005/029019 (13) A1  
(21) PCT/IB2004/051773  
(22) 15 Sep/sep 2004 (15.09.2004)  
(25) en (26) en  
(30) 60/504,453 19 Sep/sep 2003 US (19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • SILICON-ON-INSULATOR PHOTODIODE OPTICAL MONITORING SYSTEM FOR COLOR TEMPERATURE CONTROL IN SOLID STATE LIGHT SYSTEMS  
• SYSTEME DE CONTROLE OPTIQUE A PHOTODIODES DE TYPE SILICIUM SUR ISOLANT (SOI) POUR LA REGULATION DE LA TEMPERATURE DE COULEUR DANS LES SYSTEMES D'ECLAIRAGE A SEMICONDUCTEURS
- (71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PETRUZZELLO, John [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G01J 3/36  
(11) WO 2005/029018 (13) A1  
(21) PCT/JP2004/013322  
(22) 13 Sep/sep 2004 (13.09.2004)  
(25) ja (26) ja  
(30) 2003-324978 17 Sep/sep 2003 JP (17.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • SPECTROSCOPIC DEVICE  
• DISPOSITIF SPECTROSCOPIQUE
- (71) HAMAMATSU PHOTONICS K.K. [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KATO, Hisaki [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP).
- (74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo, 1040061 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(US). LETAVIC, Theodore [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). VEILLETTE, Benoit [CA/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS, N.V.; c/o Waxler, Aaron P.O., P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G01J 5/00, H01L 21/66

(11) WO 2005/029020 (13) A1

(21) PCT/JP2004/013779

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ja (26) ja

(30) 2003-332485 24 Sep/sep 2003 JP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SUBSTRATE PROCESSING DEVICE AND DEVICE PRODUCING METHOD  
• DISPOSITIF DE TRAITEMENT DE SUBSTRAT ET PROCEDE DE PRODUCTION ASSOCIE

(71) HITACHI KOKUSAI ELECTRIC INC. [JP/JP]; 3-14-20, Higashi-Nakano, Nakano-ku, Tokyo 1648511 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHINOZAKI, Kenji [JP/JP]; c/o Hitachi Kokusai Electric Inc., 3-14-20, Higashi-Nakano, Nakano-ku, Tokyo 1648511 (JP).

(74) MIYAMOTO, Haruhiko; Urbane Sagami Bldg. 602, 19-13, Sagami-ono 3-chome, Sagami-hara-shi, Kanagawa 2280803 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01J 5/04, 5/06, G01K 1/08

(11) WO 2005/029021 (13) A1

(21) PCT/EP2004/009327

(22) 20 Aug/août 2004 (20.08.2004)

(25) de (26) de

(30) 103 41 433.9 9 Sep/sep 2003 DE (09.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HEATABLE INFRARED SENSOR AND INFRARED THERMOMETER COMPRISING SUCH AN INFRARED SENSOR

• CAPTEUR A INFRAROUGE CHAUFFABLE, ET THERMOMETRE A INFRAROUGE POURVU DE CE CAPTEUR A INFRAROUGE

(71) BRAUN GMBH [DE/DE]; Frankfurter Stasse 145, 61476 Kronberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHARF, Stefan [DE/DE]; Gutshofsstrasse 8a, 13581 Berlin (DE). NETH, Stefan [DE/DE]; Am Sportfeld 2, 61118 Bad Vilbel (DE). KRAUS, Bernhard [DE/DE]; Karl-Broll-Strasse 8, 35619 Braunfels (DE).

(74) BRAUN GMBH; Frankfurter Stasse 145, 61476 Kronberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G01J 9/00

(11) WO 2005/029022 (13) A1

(21) PCT/CA2004/001692

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/503,969 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR DIRECTLY MEASURING THE PHASE CHANGE OF AN OPTICAL SIGNAL

• PROCEDE ET DISPOSITIF DESTINES A MESURER DIRECTEMENT LE CHANGEMENT DE PHASE D'UN SIGNAL OPTIQUE

(71) QUEEN'S UNIVERSITY AT KINGSTON [CA/CA]; Kingston, Ontario K7L 3N6 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRAUSE, David, J. [CA/CA]; 720 5th Avenue, Saskatoon, Saskatchewan S7K 2R5 (CA). CARTLEDGE, John, C. [CA/CA]; 932 Mayfair Crescent, Kingston, Ontario K7M 5S6 (CA).

(74) SCRIBNER, Stephen, J. et al. / etc.; Parteq Innovations, Room 1625, Biosciences Complex, Queen's University at Kingston, Kingston, Ontario K7L 3N6 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01K 11/00

(11) WO 2005/029023 (13) A2

(21) PCT/US2004/030021

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 60/504,182 18 Sep/sep 2003 US (18.09.2003)

(30) 10/847,892 18 May/mai 2004 US (18.05.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-CHANNEL RADIOMETER IMAGING SYSTEM

• SYSTEME D'IMAGERIE PAR RADIO-METRE MULTICANAL

(71) XYTRANS, INC. [US/US]; 5422 Carrier Drive, Suite 201, Orlando, FL 32819 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) AMMAR, Danny, F.; 7054 Horizon Circle, Windermere, FL 34786 (US).

(74) WARTHER, Richard K.? et al. / etc.; 255 S. Orange Avenue, Suite 1401, Orlando, FL 32801 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01K 11/32

(11) WO 2005/029024 (13) A1

(21) PCT/EP2004/010642

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 60/505,700 24 Sep/sep 2003 US  
(24.09.2003)

(30) 10/689,205 20 Oct/oct 2003 US  
(20.10.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS OF MONITORING TEMPERATURE AND STRAIN BY USING FIBER BRAGG GRATING (FBG) SENSORS

• PROCEDE ET APPAREIL DE SURVEILLANCE DE LA TEMPERATURE ET DE LA CONTRAINTE UTILISANT DES CAPTEURS A RESEAUX DE BRAGG SUR FIBRE (FBG)

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SANJANA, Zal [US/US]; 1155 Folkstone Drive, Pittsburgh, Pennsylvania 15243 (US). THEUNE, Nils-Michael [DE/DE]; Uhländstr. 8, 90522 Oberasbach (DE). BOSSELMANN, Thomas [DE/DE]; Ringstr. 30 A, 91080 Marloffstein (DE). WILLSCH, Michael [DE/DE]; Schwabacher Str. 19, 90762 Fürth (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01L 1/14, 5/00, A61C 19/05

(11) WO 2005/029025 (13) A1

(21) PCT/EP2004/010483

(22) 17 Sep/sep 2004 (17.09.2004)

(25) de (26) de

(30) 03021248.4 18 Sep/sep 2003 EP  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FORCE TRANSDUCER

• TRANSDUCTEUR DE FORCE

(71) OCCLUSCAN AG [CH/CH]; Blegli 14, CH-6343 Rotkreuz (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STAREK, Bruno [AT/AT]; Hauptstrasse 47, A-7332 Kobersdorf (AT). PURNER, Helmut [AT/AT]; Helming 43, A-5203 Köstendorf (AT). VEKÖRRER, Franz [CH/CH]; Waldetenstrasse 14, CH-6343 Rotkreuz (CH).

(74) HAFT, VON PUTTKAMER, BERNGRUBER, KARAKATSANIS; Franziskanerstrasse 38, 81669 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01L 1/26, G01G 21/23

(11) WO 2005/029026 (13) A1

(21) PCT/GB2004/003634

(22) 26 Aug/août 2004 (26.08.2004)

(25) en (26) en

(30) 0321958.1 19 Sep/sep 2003 GB  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF SUPPORTING A LOAD SUPPORT

• PROCEDE D'APPUI D'UN SUPPORT DE CHARGE

(71) THAMES SIDE - MAYWOOD LIMITED [GB/GB]; 17 Stadium Way, Reading, Berkshire RG30 6BX (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAILEY, Michael, Anthony [GB/GB]; 17 Stadium Way, Reading, Berkshire RG30 6BX (GB).

(74) BARKER BRETTELL; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01L 5/16, 1/24

(11) WO 2005/029027 (13) A1

(21) PCT/JP2004/013203

(22) 10 Sep/sep 2004 (10.09.2004)

(25) ja (26) ja

(30) 2003-322627 16 Sep/sep 2003 JP  
(16.09.2003)

(30) 2004-177794 16 Jun/juin 2004 JP  
(16.06.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FORCE VECTOR RECONSTRUCTION METHOD USING OPTICAL TACTILE SENSOR

• PROCEDE DE RECONSTRUCTION DE VECTEUR DE FORCE UTILISANT UN CAPTEUR TACTILE OPTIQUE

(71) TOUDAI TLO, Ltd. [JP/JP]; 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo, 1130033 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIZOTA, Terukazu [JP/JP]; c/o TOUDAI TLO, Ltd., 7-3-1, Hongo, Bunkyo-ku, Tokyo, 1130033 (JP).

KAMIYAMA, Kazuto [JP/JP]; 3-21-1, Oodomomachi, Maebashi-shi, Gunma, 3710847 (JP). KAJIMOTO, Hiroyuki [JP/JP]; 828-362, Shimokuratacho, Tot-suka-ku, Yokohama-shi, Kanagawa, 2440815 (JP). KAWAKAMI, Naoki [JP/JP]; Mansion Tachibana 2F, 2-35-2, Hakusan, Bunkyo-ku, Tokyo, 1120001 (JP). TACHI, Susumu [JP/JP]; 2-31-14, Umezono, Tsukuba-shi, Ibaraki, 3050045 (JP).

(74) INABA, Shigeru; NARUSE, INABA & IN-AMI Hanabishi Imas Hirakawacho Building 4th Floor, 3-11, Hirakawacho 2-chome, Chiyoda-ku, Tokyo, 1020093 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01L 5/16, 1/04, 1/24

(11) WO 2005/029028 (13) A1

(21) PCT/JP2004/007285

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 2003-322624 16 Sep/sep 2003 JP  
(16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • OPTICAL TACTILE SENSOR AND METHOD OF RECONSTRUCTING FORCE VECTOR DISTRIBUTION USING THE SENSOR

• CAPTEUR TACTILE OPTIQUE ET PROCEDE DE RESTITUTION DE LA REPARTITION D'UN VECTEUR DE FORCE AU MOYEN DU CAPTEUR

(71) TOUDAI TLO, LTD. [JP/JP]; 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 113-0033 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIZOTA, Terukazu** [JP/JP]; c/o Toudai TLO, Ltd., 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 113-0033 (JP). **KAMIYAMA, Kazuto** [JP/JP]; 3-21-1, Oodomomachi, Maebashi-shi, Gunma 371-0847 (JP). **KAJIMOTO, Hiroyuki** [JP/JP]; 828-362, Shimokuratacho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0815 (JP). **KAWAKAMI, Naoki** [JP/JP]; Mansion Tachibana 2nd Floor, 2-35-2, Hakusan, Bunkyo-ku, Tokyo 112-0001 (JP). **TACHI, Susumu** [JP/JP]; 2-31-14, Umezono, Tsukuba-shi, Ibaraki 305-0045 (JP).

(74) **INABA, Shigeru**; Naruse, Inaba & Inami, Hanabishi Imas Hirakawacho Building 4th Floor, 3-11, Hirakawacho 2-chome, Chiyoda-ku, Tokyo 102-0093 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2005/029029 (13) A1

(21) PCT/EP2004/008831

(22) 6 Aug/août 2004 (06.08.2004)

(25) de (26) de

(30) 103 40 075.3 30 Aug/août 2003 DE (30.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FROST-RESISTANT LIQUID PRESSURE SENSOR FOR EXHAUST REDUCING SYSTEMS (DIESEL ENGINE)

• CAPTEUR DE PRESSION FLUIDIQUE NON GELIF POUR DES SYSTEMES DE REDUCTION DE GAZ D'ECHAPPEMENT (MOTEUR DIESEL)

(71) **HYDRAULIK-RING GMBH** [DE/DE]; Am Schlossfeld 5, 97828 Marktheidenfeld (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLEECK, Mathias** [DE/DE]; Willigistrasse 7, 63739 Aschaffenburg (DE). **ZAPF, Friedrich** [DE/DE]; Dürerstrasse 15, 97753 Karlstadt (DE). **KNOBLACH, Thomas** [DE/DE]; Röhnstrasse 12, 97737 Gemünden-Längenprozelten (DE). **OBERMEIER, Horst** [DE/DE]; c/o Kavlico GmbH, Gewerbepark Meissen 14, 32423 Minden (DE). **SCHLÜTER, Siegmund** [DE/DE]; c/o Kavlico GmbH, Gewerbepark Meissen 14, 32423 Minden (DE).

(74) **BRACHMANN, Roland Jones Day et al.** / etc.; Prinzregentenstrasse 11, 80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N

(11) WO 2005/029030 (13) A2

(21) PCT/US2004/018680

(22) 10 Jun/juin 2004 (10.06.2004)

(25) en (26) en

(30) 60/477,032 10 Jun/juin 2003 US (10.06.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MICRO SCALE FLOW THROUGH SORBENT PLATE COLLECTION DEVICE

• DISPOSITIF DE COLLECTE MUNI D'UNE PLAQUE ABSORBANTE DE PETITE ECHELLE A CIRCULATION DIRECTE

(71) **UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC.** [US/US]; 2301 South Third Street, Jouett Hall, Suit LL02, Louisville, KY 40208 (US). **THE UNITED STATES OF AMERICA, as represented by THE SECRETARY OF THE NAVY** [US/US]; Naval Research Laboratory, 4555 Overlook Avenue SW, Washington, DC 20375-5325 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **McGILL, Robert, Andrew**; 5821 Hollowing Drive, Lorton, VA 22079 (US). **MARTIN, Michael**; 223 Ridgeway Avenue, Louisville, KY 40207 (US). **CRAIN, Marc**; 6420 Meadow Oak Drive, Georgetown, IN 47122 (US). **WALSH, Kevin**; 205 Mockingbird Gardens Dr., Louisville, KY 40207 (US). **HOUSER, Eric**; 14980 Owls Nest Rd., Nokesville, VA 20181 (US).

(74) **FALLON, Steven, P.**; Greer, Burns & Crain, Ltd., 300 South Wacker Drive, Suite 2500, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N

(11) WO 2005/029031 (13) A2

(21) PCT/US2004/024788

(22) 2 Aug/août 2004 (02.08.2004)

(25) en (26) en

(30) 60/492,061 1 Aug/août 2003 US (01.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR QUANTITATING SURFACE-BINDING OPTICAL RESONANCE PROFILES

• PROCEDES ET APPAREIL DESTINES A QUANTIFIER DES PROFILS DE RESONANCE OPTIQUE DE LIAISON A UNE SURFACE

(71) **HTS BIOSYSTEMS, INC.** [US/US]; 111 Roberts Street, East Hartford, CT 01608 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TRACY, David, H.** [US/US]; 581 Belden Hill Road, Norwalk, CT 06850 (US).

(74) **YANKWICH, Leon, R. et al.** / etc.; Yankwich & Associates, 201 Broadway, Cambridge, MA 02139 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(s) for all designations / pour toutes les désignations

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(51)<sup>7</sup> G01N

(11) WO 2005/029032 (13) A2

(21) PCT/US2004/025447

(22) 6 Aug/août 2004 (06.08.2004)

(25) en (26) en

(30) 60/492,749 6 Aug/août 2003 US (06.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DIAMOND BASED PROTON BEAM TARGET FOR USE IN CONTRABAND DETECTION SYSTEMS

• CIBLE DE FAISCEAU A PROTONS A BASE DE DIAMANT DESTINE A ETRE UTILISE DANS DES SYSTEMES DE DETECTION DE CONTREBANDE

(71) **CONTRABAND DETECTION SYSTEMS, L.L.C.** [US/US]; 14 Oak Hill Lane, East Hampton, NY 11937 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MELNYCHUK, Stephan, T.** [US/US]; 60 Harrison Drive, East Northport, NY 11731 (US). **MEILUNIAS, Raymond, J.** [US/US];

- 3 Real Nautic Court, Hampton Bays, NY 22946 (US).
- (71) **GROLZ, Edward, W.;** Scully, Scott, Murhpy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VV VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N
- (11) **WO 2005/029033** (13) A2
- (21) PCT/US2004/030066
- (22) **16 Sep/sep 2004 (16.09.2004)**
- (25) en (26) en
- (30) 60/503,689 **17 Sep/sep 2003** US (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **CYANIDE SENSING COMPOUNDS AND USES THEREOF**
- COMPOSES DE DETECTION DU CYANURE ET LEURS UTILISATIONS
- (71) **UNIVERSITY OF MARYLAND BIOTECHNOLOGY INSTITUTE** [US/US]; Office Of Research Admin./Tech. Dev., Suite 200, 701 E. Pratt Street, Baltimore, MD 21202 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GEDDES, Chris, D.** [GB/US]; 1010 Peppard Drive, Bel Air, MD 21014 (US). **BADUGU, Ramachandram** [IN/US]; 2508 West Patapsco Avenue, Apt. 3D, Baltimore, MD 21230 (US). **LAKOWITZ, Joseph, R.** [US/US]; 10037 Fox Den Road, Ellicott, MD 21042 (US).
- (74) **FUIERER, Marianne et al.** / etc.; Intellectual Property/Technology Law, P.O. Box 14329, Research Triangle Park, NC 27709 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VV VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N
- (11) **WO 2005/029034** (13) A2
- (21) PCT/US2004/030206
- (22) **16 Sep/sep 2004 (16.09.2004)**
- (25) en (26) en
- (30) 60/503,533 **16 Sep/sep 2003** US (16.09.2003)
- (30) 60/513,829 **23 Oct/oct 2003** US (23.10.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **METHODS FOR THE IDENTIFICATION OF INHIBITORS OF AMIDOPHOSPHORIBOSYLTRANSFERASE AND CUTINASE TRANSCRIPTION FACTOR 1 AS ANTIBIOTICS**
- PROCEDES D'IDENTIFICATION D'INHIBITEURS DE L'AMIDOPHOSPHORIBOSYLTRANSFERASE ET DU FACTEUR 1 DE LA TRANSCRIPTION DE LA CUTINASE UTILISES COMME ANTI-BIOTIQUES
- (71) **ICORIA, INC.** [US/US]; 108 T.W. Alexander Drive, Post Office Box 14528, Research Triangle Park, NC 27709-4528 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TANZER, Matthew, M.** [US/US]; 6 Drakesway Court, Durham, NC 27713 (US). **SHUSTER, Jeffrey, R.** [US/US]; 110 Graylyn Drive, Chapel Hill, NC 27615 (US). **HAMER, Lisbeth** [DK/US]; 610 West Morgan Street, #327, Durham, NC 27701 (US). **ADACHI, Kiichi** [JP/JP]; 1-4-1-201, Fujimidai, Nerima, Tokyo 177-0034 (JP). **DEZWAAAN, Todd, M.** [US/US]; 2216 Colony Woods Drive, Apex, NC 27501 (US). **LO, Sze-Chung, C.** [CN/CN]; 2308, Lee-Hang House, Shun Lee Estate, Hong Kong (CN). **MONTENEGRO-CHAMORRO, Maria, Victoria** [CO/US]; 4129 Settlement Drive, Durham, NC 27713 (US). **DARVEAUX, Blaise, A.** [US/US]; 104 Bonparte Drive, Hillsborough, NC 27278 (US). **FRANK, Sheryl** [US/US]; 600 Mahone Street, #11, Durham, NC 27713 (US). **HEINIGER, Ryan, W.** [US/US]; 113 Danesway Drive, Holly Springs, NC 27540-8326 (US). **MAHANTY, Sanjoy, K.** [IN/US]; 514 Highgrove Drive, Chapel Hill, NC 27516 (US). **PAN, Huaqin** [US/US]; 2203 Henniker Street, Apex, NC 27502 (US). **COVINGTON, Amy, S.** [US/US]; 3301 Pinecrest Drive, Raleigh, NC 27609 (US). **TARPEY, Rex** [US/US]; 1911 Housatonic Lane, Apex, NC 27502 (US).
- (74) **HOFMEYER, Timothy, G.;** Icoria, Inc., 108 T. W. Alexander Drive, Post Office Box 14528, Research Triangle Park, NC 27709-4528 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VV VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N
- (11) **WO 2005/029035** (13) A2
- (21) PCT/US2004/030261
- (22) **16 Sep/sep 2004 (16.09.2004)**
- (25) en (26) en
- (30) 60/503,447 **16 Sep/sep 2003** US (16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **METHODS OF SCREENING COMPOSITIONS FOR G PROTEIN-COUPLED RECEPTOR AGONIST ACTIVITY**
- METHODES DE CRIBLAGE DE COMPOSITIONS EN VUE DE DETERMINER UNE ACTIVITE D'AGONISTE DU RECEPTEUR COUPLE AUX PROTEINES G
- (71) **NORAK BIOSCIENCES, INC.** [US/US]; 7030 Kit Creek Road, Morrisville, NC 27560 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COWAN, Conrad, L.** [US/US]; 125 Starwood Lane, Holly Springs, NC 27540 (US).
- (74) **ELLIOTT, Joshua, T.;** Hutchison & Mason PLLC, P.O. Box 31686, Raleigh, NC 27612 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VV VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declaration / Déclaration :
- (u) for / pour US only / seulement
- 
- (51)<sup>7</sup> G01N
- (11) **WO 2005/029036** (13) A2
- (21) PCT/US2004/030372
- (22) **16 Sep/sep 2004 (16.09.2004)**
- (25) en (26) en
- (30) 10/664,092 **17 Sep/sep 2003** US (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **METHOD OF CONVERTING NITROGEN DIOXIDE TO NITRIC OXIDE**
- PROCEDE DE CONVERSION DE BISOXYDE D'AZOTE EN OXYDE NITRIQUE
- (71) **AMETEK, INC.** [US/US]; 150 Freeport Road, Pittsburgh, PA 15238 (US).



(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARRIS, Philip, C.** [CA/CA]; 451 Lake Simcoe Court Southeast, Calgary, Alberta T2J 5L3 (CA).

(74) **ZIESENHEIM, Frederick, B.** et al. / etc.; Webb Ziesenheim Logsdon Orkin & Hanson, 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G01N

(11) **WO 2005/029037** (13) A2

(21) PCT/US2004/030693

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 60/503,566 **17 Sep/sep 2003** US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SELECTIVE MODULATION OF TLR GENE EXPRESSION

• MODULATION SELECTIVE DE L'EXPRESSION DE GENES TLR

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **BIRMACHU, Woubalem M.R.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **BURGER, Marla C.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **GLEASON, Raymond M.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **HANTEN, John A.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **JIN, Jizhong**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **GRAM, Christopher D.**, et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G01N

(11) **WO 2005/029038** (13) A2

(21) PCT/US2004/030733

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 10/665,888 **19 Sep/sep 2003** US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DETECTION OF POTASSIUM IONS USING ION-SENSITIVE ENZYMES

• DETECTION D'IONS DE POTASSIUM AU MOYEN D'ENZYMES SENSIBLES AUX IONS

(71) **GENERAL ATOMICS** [US/US]; 3550 General Atomics Court, P.O. Box 85608, San Diego, CA 92186-5608 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YUAN, Chong-Sheng** [US/US]; 3550 General Atomics Court, P.O. Box 85608, San Diego, CA 92186-5608 (US).

(74) **HILL, Laurie, L.** et al. / etc.; Morrison & Foerster LLP, Suite 500, 3811 Valley Centre Drive, San Diego, CA 92130-2332 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N

(11) **WO 2005/029039** (13) A2

(21) PCT/US2004/030749

(22) **20 Sep/sep 2004 (20.09.2004)**

(25) en (26) en

(30) 60/504,446 **19 Sep/sep 2003** US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NON-RADIOACTIVE INOSITOL PHOSPHATE ASSAY FOR PHOSPHOLIPASE C-COUPLED DRUG TARGET SCREENING

• ESSAI NON RADIOACTIF FAISANT APPEL A L'INOSITOL PHOSPHATE POUR LE CRIBLAGE D'UNE CIBLE MEDICAMENTEUSE COUPLEE A LA PHOSPHOLIPASE C

(71) **ECHELON BIOSCIENCES INCORPORATED** [US/US]; 675 Arapeen Drive, Suite 302, Salt Lake City, UT 84108 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NEILSEN, Paul, O.** [US/US]; 12622 Webb Road, Draper, UT 84020 (US). **ASSIS, Edson** [BR/BR]; Rua Slorlianopolis 979/508, Bloco I, Praca Seca, Jacarepagua, Rio de Janeiro, Brazil 21321-050 (BR). **BRANCH, Angie, M.** [US/US]; 3211 West 6775 South, West Jordan, UT 84084 (US). **DREES, Beth, E.** [US/US]; 30 Street Moritz Circle, Park City, UT 84098 (US).

(74) **WESTERN, Wayne, M.** et al. / etc.; Thorpe North & Western LLP, P.O. Box 1219, Sandy, UT 84091-1219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N

(11) **WO 2005/029040** (13) A2

(21) PCT/US2004/030768

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 60/504,634 **18 Sep/sep 2003** US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHODS FOR ENHANCING SIGNAL-TO-NOISE RATIOS OF MICROARRAY-BASED MEASUREMENTS

• SYSTEME ET PROCEDES POUR RENFORCER LES RAPPORTS SIGNAL/BRUIT DANS LES MESURES PAR MICRORESEAUX

- (71) **PARALLELE BIOSCIENCES, INC.** [US/US]; 7300 Shoreline Court, 2nd Floor, South San Francisco, CA 94080 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAMSARAEV, Eugeni** [RU/US]; 252 Corral Avenue, Sunnyvale, CA 94086 (US).  
**KARLIN-NEUMANN, George** [US/US]; 1064 Arrowhead Way, Palo Alto, CA 94303 (US).  
**FAHAM, Malek** [US/US]; 642 Foothill Drive, Pacifica, CA 94044 (US).  
**MANEESH, Jain** [IN/US]; 260 Bradford Street, San Francisco, CA 94110 (US).  
**HARDENBOL, Paul** [NL/US]; 3340 Twenty-Fifth Street, Apt.#702, San Francisco, CA 94110 (US).  
**WILLIS, Thomas, D.** [US/US]; 1040 Filbert Street, San Francisco, CA 94131 (US).  
**WANG, Zhiyong** [CN/US]; 151 Eastmoor Avenue, Apt.#201, Daly City, CA 94015 (US).
- (74) **MACEVICZ, Stephen, C.**; ParAllele Biosciences, Inc., 7300 Shoreline Court, 2nd Floor, South San Francisco, CA 94080 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G01N
- (11) WO 2005/029041 (13) A2
- (21) PCT/US2004/030805
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/504,500 19 Sep/sep 2003 US (19.09.2003)
- (30) 60/504,052 19 Sep/sep 2003 US (19.09.2003)
- (30) 60/589,224 19 Jul/juil 2004 US (19.07.2004)
- (30) 60/589,225 19 Jul/juil 2004 US (19.07.2004)
- (30) 60/601,716 13 Aug/août 2004 US (13.08.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HIGH DENSITY SEQUENCE DETECTION METHODS AND APPARATUS  
• PROCEDES ET APPAREIL DE DETECTION DE SEQUENCE HAUTE DENSITE
- (71) **APPLERA CORPORATION** [US/US]; 850 Lincoln Centre Drive, Foster City, CA 94404 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WOUDENBERG, Timothy** [US/US]; 120 Arbor Land, P.O. Box 4, Moss Beach, CA 94038 (US).  
**JONES, Bob** [US/US]; 274 Merritt Road, Los Altos, CA 94022 (US).  
**LIVAK, Kenneth** [US/US]; 1148 Polk Lane, San Jose, CA 95117 (US).  
**LIU, Timothy** [CN/US]; 33961 Capulet Circle, Fremont, CA 94555 (US).
- (74) **LANG, Michael**; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N
- (11) WO 2005/029042 (13) A2
- (21) PCT/US2004/030927
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) en (26) en
- (30) 10/669,883 23 Sep/sep 2003 US (23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • FABRICATION AND PACKAGING OF SUSPENDED MICROCHANNEL DETECTORS  
• FABRICATION ET EMBALLAGE DE DETECTEURS DE MICROCANAU SUSPENDUS
- (71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; Five Cambridge Center, Cambridge, MA 02142-1493 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MANALIS, Scott** [US/US]; 100 Memorial Drive, Apt. 2-9C, Cambridge, MA 02142 (US).  
**BURG, Thomas** [DE/US]; 550 Memorial Drive 9B-4, Cambridge, MA 02139 (US).
- (74) **BLASBERG, Stacy, L.**; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N
- (11) WO 2005/029043 (13) A2
- (21) PCT/US2004/031831
- (22) 27 Sep/sep 2004 (27.09.2004)
- (25) en (26) en
- (30) 60/506,304 25 Sep/sep 2003 US (25.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • RHO ANTIBODY AND TAG TO PURIFY CELL SURFACE PROTEINS  
• ANTICORPS ET ETIQUETTE DE RHO POUR PURIFIER DES PROTEINES DE SURFACE CELLULAIRE
- (71) **SAGRES DISCOVERY, INC.** [US/US]; P.O. Box 8097, Emeryville, CA 94662-8097 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MENDEZ, Michael, J.** [—/US]; c/o Sagres Discovery, Inc., P.O. Box 8097, Emeryville, CA 94662-8097 (US).  
**BEHNKE, Craig** [—/US]; c/o Sagres Discovery, Inc., P.O. Box 8097, Emeryville, CA 94662-8097 (US).
- (74) **LAUNER, Charlene, A. et al. / etc.;** Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 1/28, 1/00, 1/34, 1/40, 1/44, 30/00, 33/00, 33/20
- (11) WO 2005/029044 (13) A1
- (21) PCT/CA2004/001618
- (22) 2 Sep/sep 2004 (02.09.2004)
- (25) en (26) en
- (30) 60/503,894 22 Sep/sep 2003 US (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CONDITIONING SYSTEM AND METHOD FOR USE IN THE MEASUREMENT OF MERCURY IN GASEOUS EMISSIONS  
• SYSTEME ET PROCEDE DE CONDITIONNEMENT A UTILISER DANS LA MESURE DU MERCURE DANS DES EMISSIONS GAZEUSES
- (71) **TEKRAN INC.** [CA/CA]; 330 Nantucket Boulevard, Toronto, Ontario MIP 2P4 (CA).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHAEDLICH, Frank, H.** [CA/CA]; 43 Sagebrush Lane, Toronto, Ontario M3A 1X4 (CA).  
**SCHNEEBERGER, Daniel, R.** [CA/CA]; 96 Maybourne Avenue, Scarborough, Ontario MIL 2W2 (CA).
- (74) **BERESKIN & PARR**; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01N 11/14, 33/38

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(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) PA 2003 01388 24 Sep/sep 2003 DK (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A METHOD OF MEASURING THE CONSISTENCY OF A MIXTURE AS WELL AS AN APPARATUS FOR CARRYING OUT THE METHOD

• PROCEDE DE MESURE DE LA CONSISTANCE D'UN MELANGE ET APPAREIL DE MISE EN MELANGEMENT DU PROCEDE

(71) CONVI [DK/DK]; 7 Louisevænget, DK-5270 Odense N (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NIELSEN, Niels, Høll [DK/DK]; Louisevænget 7, DK-5270 Odense N (DK).

(74) CHAS. HUDE A/S; 33, H.C. Andersens Boulevard, DK-1780 Copenhagen V (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G01N 15/00

(11) WO 2005/029046 (13) A2

(21) PCT/US2004/013672

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 60/466,042 29 Apr/avr 2003 US (29.04.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A MULTI-SPECTRAL OPTICAL METHOD AND SYSTEM FOR DETECTING AND CLASSIFYING BIOLOGICAL AND NON-BIOLOGICAL PARTICLES

• PROCEDE ET SYSTEME OPTIQUE MULTI-SPECTRAL PERMETTANT DE DETECTER ET DE CLASSIFIER DES PARTICULES BIOLOGIQUES ET NON BIOLOGIQUES

(71) S31, LLC [US/US]; 6136 Deer Park Road, Reistertown, MD 21136 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SILCOTT, David, B. [US/US]; 1135 Saffell Road, Reistertown, MD 21136 (US).

FIELDING, Alexander [US/US]; 2846 Westminster Street, Manchester, MD 21102 (US).

(74) PRATT, John, S. et al. / etc.; Kilpatrick Stockton LLP, 1100 Peachtree Street, Atlanta, GA 30309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 21/00

(11) WO 2005/029047 (13) A2

(21) PCT/US2004/030038

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 10/661,082 12 Sep/sep 2003 US (12.09.2003)

(30) 10/661,031 12 Sep/sep 2003 US (12.09.2003)

(30) 10/661,234 12 Sep/sep 2003 US (12.09.2003)

(30) 10/661,115 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DIFFRACTION GRATING-BASED ENCODED MICROPARTICLE ASSAY STICK

• BATON DE DOSAGE DE MICROPARTICULES CODEES A BASE DE RESEAU DE DIFFRACTION

(71) CYVERA CORPORATION [—/US]; 50 Barnes Park North, Wallingford, CT 06492 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) PUTNAM, Martin, A. [—/US]; 78 Lancaster Way, Chesire, CT 06410 (US). LI, Tuo [—/US]; 26 Sandpiper Lane, East Lyme, CT 06333 (US). MOON, John, A. [—/US]; 17 Promontory Drive, Wallingford, CT 06492 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 21/03, 21/35, 21/31

(11) WO 2005/029048 (13) A1

(21) PCT/NL2004/000652

(22) 20 Sep/sep 2004 (20.09.2004)

(25) nl (26) en

(30) 1024364 24 Sep/sep 2003 NL (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GAS SENSOR

• CAPTEUR DE GAZ

(71) BERLI B.V. [NL/NL]; De Flamment 1014, NL-5854 NA Nieuw-Bergen (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOEKELMAN, Willem, Antonius [NL/NL]; Mgr. Boermansstraat 3, NL-5911 BA Venlo (NL).

(74) DORNA, Peter, Ir. et al. / etc.; Algemeen Octrooi- en Merkenbureau, P.O. Box 645, NL-5600 AP Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 21/19

(11) WO 2005/029049 (13) A1

(21) PCT/JP2004/005107

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-324999 17 Sep/sep 2003 JP (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR SEEKING DOMINANT CONFORMATION OF OPTICALLY ACTIVE MOLECULE

• PROCEDE DE RECHERCHE DE CONFORMATION DOMINANTE

D'UNE MOLECULE OPTIQUEMENT ACTIVE

(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome Chiyoda-ku Tokyo, 1008921 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IZUMI, Hiroshi [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology 16-1, Onogawa Tsukuba-shi Ibaraki, 3058569 (JP). YAMAGAMI, Soko [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology Tsukuba Central 5, 1-1, Higashi 1-chome Tsukuba-shi Ibaraki, 3058565 (JP). FUTAMURA, Shigeru [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology 16-1, Onogawa Tsukuba-shi Ibaraki, 3058569 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 21/21, G01B 11/06

(11) WO 2005/029050 (13) A1

(21) PCT/JP2004/000633

(22) 23 Jan/jan 2004 (23.01.2004)

(25) ja (26) ja

(30) 2003-363854 17 Sep/sep 2003 JP (17.09.2003)

(30) 2003-407485 5 Dec/déc 2003 JP (05.12.2003)

(30) 2003-411786 10 Dec/déc 2003 JP (10.12.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELLIPSO-METER AND ELLIPSO-METRY

• ELLIPSO-METRE ET ELLIPSO-METRIE

(71) PHOTONIC LATTICE INC. [JP/JP]; 468, Aza-Aoba, Aramaki, Aoba-ku, Sendai-shi, Miyagi 9800845 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWAKAMI, Shojiro [JP/JP]; 3-5-12-1104, Shintera, Wakabayashi-ku Sendai-shi Miyagi, 9840051 (JP). SATO, Takashi [JP/JP]; 1-2-5-302, Tomizawaminami, Taihaku-ku Sendai-shi Miyagi, 9820036 (JP). HASHIMOTO, Naoki [JP/JP]; 23-10-1102, Yamate-cho, Aoba-ku Sendai-shi Miyagi, 9810967 (JP). SASAKI, Yoshihiro [JP/JP]; 51-1, Aza-Shimonuma, Nobiru, Naruse-cho, Monou-gun, Miyagi 9810411 (JP).

(74) PHOTONIC LATTICE INC.; 468, Aza-Aoba, Aramaki, Aoba-ku, Sendai-shi, Miyagi, 9800545 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 21/49, A61B 5/00

(11) WO 2005/029051 (13) A1

(21) PCT/NL2004/000657

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 03078010.0 23 Sep/sep 2003 EP (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND DEVICE FOR BACKSCATTER SPECTROSCOPY  
• PROCEDE ET DISPOSITIF DE SPECTROSCOPIE PAR RETRODIFFUSION

(71) STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN [NL/NL]; Van Vollenhovenlaan 661, NL-3527 JP Utrecht (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AMELINK, Arjen [NL/NL]; Ob-binklaan 88, NL-3571 NJ Utrecht (NL). STERENBORG, Henricus, Josephus, Cornelis, Maria [NL/NL]; Fauréstraat 6, NL-2901 RC Capelle Aan Den IJssel (NL).

(74) VAN WESTENBRUGGE, Andries; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01N 21/95, G02B 21/00

(11) WO 2005/029052 (13) A1

(21) PCT/EP2004/051946

(22) 27 Aug/août 2004 (27.08.2004)

(25) de (26) de

(30) 103 43 148.9 18 Sep/sep 2003 DE (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND DEVICE FOR INSPECTING A WAFER

• PROCEDE ET DISPOSITIF D'INSPECTION D'UNE PLAQUETTE

(71) LEICA MICROSYSTEMS SEMI-CONDUCTOR GMBH [DE/DE]; Ernst-Leitz-Strasse 17-37, 35578 Wetzlar (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KREH, Albert [DE/DE]; Am Drillmen 3, 35606 Solms (DE). BACKHAUSS, Henning [DE/DE]; Bachstrasse 6, 35578 Wetzlar (DE).

(74) REICHERT, Werner F.; Leica Microsystems AG, Corporate Patents + Trademarks Department, Ernst-Leitz-Strasse 17-37, 35578 Wetzlar (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> G01N 22/00

(11) WO 2005/029053 (13) A1

(21) PCT/GB2004/003902

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 0321754.4 17 Sep/sep 2003 GB (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MILLIMETRE-WAVE DETECTION DEVICE FOR DISCRIMINATING BETWEEN DIFFERENT MATERIALS

• DISPOSITIF DE DETECTION A ONDES MILLIMETRIQUES PERMETTANT DE DISTINGUER DIFFERENTES MATIERES

(71) SMITHS GROUP PLC [GB/GB]; 765 Finchley Road, London NW11 8DS (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAWER, William, Richard [GB/US]; 8 Cliffside Way, Boonton Township, NJ 07005 (US).

(74) FLINT, Jonathan, Mcneill; 765 Finchley Road, London NW11 8DS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> G01N 27/26

(11) WO 2005/029054 (13) A1

(21) PCT/JP2004/013671

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-328696 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRIC CURRENT MEASURING INSTRUMENT HAVING ARTIFICIAL LIPID DOUBLE-MEMBRANE  
• INSTRUMENT DE MESURE DE TENSION ELECTRIQUE POSSEDANT UNE DOUBLE MEMBRANE LIPIDIQUE ARTIFICIELLE

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 3320012 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IDE, Toru

(74) HARA, Kenzo; HARAKENZO WORLD PATENT & TRADEMARK PATENT LAW FIRM, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka 5300041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 27/26

(11) WO 2005/029055 (13) A1

(21) PCT/US2004/030878

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,683 19 Sep/sep 2003 US (19.09.2003)

(30) 60/508,786 2 Oct/oct 2003 US (02.10.2003)

(30) 60/560,310 6 Apr/avr 2004 US (06.04.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPOSITE COMPOSITIONS FOR ELECTROPHORESIS  
• COMPOSITIONS COMPOSITES POUR ELECTROPHORESE

(71) INVITROGEN CORPORATION [US/US]; 1600 Faraday Avenue, Carlsbad, CA 92008 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UPDYKE, Timothy [US/US]; 37349 Avenida Chapala, Temecula, CA 92592 (US).  
MARGALIT, Ilana [IL/IL]; Ramat-Gan (IL).  
THACKER, Michael [US/US]; 11584 Windercrest Lane, #1924, San Diego, CA 92121 (US).

(74) HALEY, James, F. et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01N 27/28

(11) WO 2005/029056 (13) A1

(21) PCT/JP2004/013680

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-328651 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ARTIFICIAL LIPID DOUBLE-MEMBRANE FORMING DEVICE AND ARTIFICIAL LIPID DOUBLE-MEMBRANE FORMING METHOD, AND METHOD OF UTILIZING THE SAME

• DISPOSITIF ET PROCEDE A DOUBLE MEMBRANE DE FORMATION DE LIPIDES ARTIFICIELS, ET METHODE D'UTILISATION

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IDE, Toru

(74) HARA, Kenzo; Harakenzo World Patent & Trademark Patent Law Firm Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 27/409, 27/411, 27/419, 27/416, 27/12

(11) WO 2005/029057 (13) A1

(21) PCT/JP2004/013299

(22) 13 Sep/sep 2004 (13.09.2004)

(25) ja (26) ja

(30) 2003-324822 17 Sep/sep 2003 JP (17.09.2003)

(30) 2003-341252 30 Sep/sep 2003 JP (30.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SENSOR AND SENSOR PRODUCING METHOD

• DETECTEUR ET PROCEDE DE PRODUCTION DE CE DETECTEUR

(71) NGK SPARK PLUG CO., LTD. [JP/JP]; 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUO, Kouji/SHIKAWA, Satoshi

(74) HASHIMOTO, Takeshi et al. / etc.; c/o Shiga Patent Office, Ekisaikai Bldg., 1-29, Akashi-cho, Chuo-ku, Tokyo 104-0044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01N 27/409, 27/12, 27/41, 27/419, 27/416

(11) WO 2005/029058 (13) A1

(21) PCT/JP2004/013300

(22) 13 Sep/sep 2004 (13.09.2004)

(25) ja (26) ja

(30) 2003-324822 17 Sep/sep 2003 JP (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SENSOR AND METHOD OF PRODUCING THE SAME

• CAPTEUR ET PROCÉDE DE PRODUCTION DU CAPTEUR

(71) NGK SPARK PLUG CO., LTD. [JP/JP]; 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678525 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUO, Kouji/SHIKAWA, Satoshi

(74) HASHIMOTO, Takeshi et al. / etc.; c/o Shiga Patent Office Ekisaikai Bldg., 1-29, Akashi-cho, Chuo-ku, Tokyo, 1040044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G01N 27/414, C12Q 1/68, G01N 33/543, 27/327

(11) WO 2005/029059 (13) A1

(21) PCT/GB2004/004005

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 0322010.0 19 Sep/sep 2003 GB (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DETECTION OF MOLECULAR INTERACTIONS USING A FIELD EFFECT TRANSISTOR

• DETECTION D'INTERACTIONS MOLECULAIRES AU MOYEN D'UN TRANSISTOR A EFFET DE CHAMP

(71) CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED [GB/GB]; The Old Schools, Trinity Lane, Cambridge CB2 1TS (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIGLIORATO, Piero [IT/GB]; Trinity College, Cambridge CB2 1TQ (GB). DE LEMOS CORREIA ESTRELA, Pedro, Miguel [PT/GB]; Cambridge University Engineering Department, Trumpington Street, Cambridge CB2 1PZ (GB). YAN, Feng [CN/GB]; Cambridge University Engineering Department, Trumpington Street, Cambridge CB2 1PZ (GB).

(74) GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 27/447

(11) WO 2005/029060 (13) A1

(21) PCT/EP2003/050651

(22) 24 Sep/sep 2003 (24.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTROPHORETIC SEPARATION OF AMPHOTERIC MOLECULES  
• SEPARATION ELECTROPHORETIQUE DE MOLECULES AMPHOTERES

(71) AGILENT TECHNOLOGIES, INC. [US/US]; 395 Page Mill Road, Palo Alto 94306 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HADBAWNIK, Detlev [DE/DE]; Agilent Technologies Deutschland GmbH, Hewlett-Packard-Str. 8, D-76337 Waldbronn (DE).

(74) BARTH, Daniel; Agilent Technologies Deutschland GmbH, Patentabteilung, Herrenberger Str. 130, 71034 Böblingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 27/447, 30/94

(11) WO 2005/029061 (13) A1

(21) PCT/EP2003/050652

(22) 24 Sep/sep 2003 (24.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EXTRACTION OF MOLECULES USING FRAME

• EXTRACTION DE MOLECULES AU MOYEN D'UNE STRUCTURE

(71) AGILENT TECHNOLOGIES, INC. [US/US]; 395 Page Mill Road, Palo Alto, CA 94306 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HADBAWNIK, Detlev [DE/DE]; Bachstrasse 8, 76337 Waldbronn (DE). WENZ, Christian [DE/DE]; Marktplatz 12, 76337 Waldbronn (DE).

(74) BARTH, Daniel; Agilent Technologies Deutschland GmbH, Patentabteilung, Herrenberger Str. 130, 71034 Böblingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 27/447

(11) WO 2005/029062 (13) A2

(21) PCT/JP2004/014146

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 2003-330614 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTROPHORETIC MEMBER ELECTROPHORETIC DEVICE ELECTROPHORETIC METHOD AND SAMPLE DISPENSING PROBE

• ELEMENT D'ELECTROPHORESE, DISPOSITIF D'ELECTROPHORESE, PROCÉDE D'ELECTROPHORESE ET SONDE DE DISTRIBUTION

(71) SHIMADZU CORPORATION [JP/JP]; 1, Nishinokyo-kuwabaracho, , Nakagyo-ku, Kyoto-shi, Kyoto 604-8511 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAMURA, Shin [JP/JP]; 2-3-802, Moriyama 1-chome, Moriyama-shi, Shiga 524-0022 (JP). YAMAMOTO, Rintaro [JP/JP]; 60, Kitano-Nishihakubai-cho, Kita-ku, Kyoto-shi, Kyoto 603-8327 (JP). KAJI, Toru [JP/JP]; 1-5-205, Uzumasa-Toinouchi-cho, Ukyo-ku, Kyoto-shi, Kyoto 616-8142 (JP).

(74) KITA, Toshifumi; c/o Shimadzu Corporation, 1, Nishinokyo-Kuwabaracho, Nakagyo-ku, Kyoto-shi, Kyoto 604-8511 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 27/49, 27/414

(11) WO 2005/029063 (13) A1

(21) PCT/FR2004/002332

(22) 14 Sep/sep 2004 (14.09.2004)

(25) fr (26) fr

(30) 0310795 15 Sep/sep 2003 FR (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR PRODUCING ELECTRODES, AN INTEGRATED CIRCUIT PROVIDED WITH PROTECTED ELECTRODE (S) AND AN ELECTROCHEMICAL SENSOR

• PROCEDE DE REALISATION D'ELECTRODES, CIRCUIT INTEGRE A ELECTRODE(S) PROTEGEE(S) ET SONDE ELECTROCHIMIQUE

(71) NEOSENS [FR/FR]; Prologue I - La Pyrénéenne, B.P. 27/01, F-31312 Labège Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AURET, Laurent [FR/FR]; 52, chemin de Bouzigues, F-81100 Castres (FR). DILHAN, Monique [FR/FR]; 8, rue des Tulipes, F-31830 Plaisance (FR). ESTEVE, Daniel [FR/FR]; 3, rue Fontaine des Cerdans, F-31520 Ramonville (FR). GUE, Anne-Marie [FR/FR]; 5, les chênes Rouges, F-31320 Rebigue (FR).

(74) CABINET BARRE LAFORGUE & ASSOCIES; 95, rue des Amidonniers, F-31000 Toulouse (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01N 29/02 // A61B 8/06

(11) WO 2005/029064 (13) A1

(21) PCT/EP2004/007812

(22) 15 Jul/juil 2004 (15.07.2004)

(25) de (26) de

(30) 103 38 940.7 22 Aug/août 2003 DE (22.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ACOUSTIC METHOD FOR MEASURING A SIGNAL PROPAGATION TIME IN A MEDICAL LIQUID AND DEVICE FOR USING THIS METHOD

• PROCEDE ACOUSTIQUE POUR MESURER LE TEMPS DE PROPAGATION D'UN SIGNAL DANS UN LIQUIDE CORPOREL ET DISPOSITIF POUR APPLIQUER CE PROCEDE

(71) FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH [DE/DE]; Else-Kröner-Strasse 1, 61352 Bad Homburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOERDT, Franz-Wilhelm [DE/DE]; Haselnussweg 19, 61231 Bad Nauheim (DE). SCHEUNERT, Peter [DE/DE]; Dieselsstrasse 1, 61381 Friedrichsdorf (DE). NIKOLIC, Dejan [YU/DE]; Wienerstrasse 59, 60599 Frankfurt (DE). METZNER, Klaus [DE/DE]; Dahlienweg 5, 61381 Friedrichsdorf (DE). KÜHN, Alexander [DE/DE]; Freiherr-von-Stein-Strasse 22, 36341 Lauterbach (DE).

(74) DREYHSIG, Jörg; Fresenius Medical Care AG, Patent Department, Frankfurter Strasse 6-8, 66606 St. Wendel (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

Published / Publiée : (c)

(51)<sup>7</sup> G01N 30/48, B01D 15/04

(11) WO 2005/029065 (13) A1

(21) PCT/SE2004/001273

(22) 6 Sep/sep 2004 (06.09.2004)

(25) en (26) en

(30) 0302509-5 19 Sep/sep 2003 SE (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MATRIX FOR SEPARATION OF POLYETHERS AND METHOD OF SEPARATION

• MATRICE DE SEPARATION DE POLYETHERS ET PROCEDE DE SEPARATION

(71) AMERSHAM BIOSCIENCES AB [SE/SE]; Björkgatan 30, S-751 84 Uppsala (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VANALSTINE, James [CA/SE]; Amersham Biosciences AB, Björkgatan, S-751 84 Uppsala (SE). BERGSTRÖM, Jan [SE/SE]; Amersham Biosciences, ., Björkgatan 30, S-751 84 Uppsala (SE). IHRE, Henrik [SE/SE]; Björkgatan 30, S-751 84 Uppsala (SE). SÖDERMAN, Tobias [SE/SE]; Björkgatan 30, S-751 84 Uppsala (SE).

(74) AMERSHAM BIOSCIENCES et al. / etc.; Patents Department, Björkgatan 30, S-751 84 Uppsala (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/00

(11) WO 2005/029066 (13) A2

(21) PCT/US2004/016407

(22) 21 May/mai 2004 (21.05.2004)

(25) en (26) en

(30) 60/472,619 22 May/mai 2003 US (22.05.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DIAGNOSTIC MARKERS AND PHARMACOLOGICAL TARGETS IN HEART FAILURE AND RELATED REAGENTS AND METHODS OF USE THEREOF

• MARQUEURS DE DIAGNOSTIC ET CIBLES PHARMACOLOGIQUES UTILISES DANS L'INSUFFISANCE CARDIAQUE, ET REACTIFS CONNEXES ET LEURS PROCEDES D'UTILISATION

(71) AGILENT TECHNOLOGIES, INC. [US/US]; 3500 Deer Creek Road, Mailstop 26U-25, Palo Alto, CA 94304-1317 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) YAKHINI, Zohar; Ramat HaSharon (IL).

(72, 75) BEN-DOR, Amir [IL/US]; 12741 N.E. 39th Street, Bellevue, WA 98005 (US). BRUHN, Laurakay [US/US]; 1197 Bonita Avenue, Mountain View, CA 94040 (US). DENG, David [CA/US]; 49 Showers Drive, T409, Mountain View, CA (US). TSALENKO, Anya [RU/US]; 5758 South Kenwood Avenue, #1, Chicago, IL 60637 (US). ASHLEY, Euan [—/US]; Palo Alto, CA (US). CHEN, Mary, C. [—/US]; Fremont, CA (US). QUERTERMOUS, Thomas [—/US]; 810 Lathrop Drive, Stanford, CA (US).

(74) GERBER, Monica, R.; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/48, C12Q 1/68

(11) WO 2005/029067 (13) A2

(21) PCT/JP2004/011741

(22) 10 Aug/août 2004 (10.08.2004)

(25) en (26) en

(30) 60/505,571 24 Sep/sep 2003 US (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF DIAGNOSING BREAST CANCER

• METHODE DE DIAGNOSTIC DU CANCER DU SEIN

(71) ONCOTHERAPY SCIENCE, INC. [JP/JP]; 3-16-13, Shirokanedai, Minato-ku, Tokyo, 1080071 (JP). THE UNIVERSITY OF TOKYO [JP/JP]; 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo, 1138654 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAMURA, Yusuke [JP/JP]; 17-33, Azamino 1-chome, Aoba-ku, Yokohama-shi, Kanagawa, 2250011 (JP). KATAGIRI, Toyomasa [JP/JP]; 2-10-11-305, Higashigotanda, Shinagawa-ku, Tokyo, 1410022 (JP). NAKATSURU, Shuichi [JP/JP]; 6-2, Shimoochiai 2-chome, Chuo-ku, Saitama-shi, Saitama, 3380002 (JP).

(74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki, 3000847 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(i) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (i) for all designations / pour toutes les désignations

(51)<sup>7</sup> G01N 33/48

(11) WO 2005/029068 (13) A2

(21) PCT/US2004/030564

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,066 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ICONIC COLORIMETRIC TEST DEVICE WITH REDUCED SUSCEPTIBILITY TO FALSE POSITIVE AND FALSE NEGATIVE READINGS

• TESTEUR COLORIMETRIQUE A ICONES MOINS SUSCEPTIBLE DE RESULTATS POSITIFS OU NEGATIFS ERRONES

(71) QUIDEL CORPORATION [US/US]; 10165 McKellar Court, San Diego, California 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAWRENCE, Paul J. [US/US]; 990 Sinex Avenue, Pacific Grove, California 93950 (US). CHAUDHURI, Aulena [US/US]; 6938 Calabazas Creek Circle, San Jose, California 95129 (US).

(74) HEINES, M. Henry et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, California 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G01N 33/487, 27/12

(11) WO 2005/029069 (13) A1

(21) PCT/EP2004/009410

(22) 23 Aug/août 2004 (23.08.2004)

(25) de (26) de

(30) 103 40 275.6 29 Aug/août 2003 DE (29.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR PRODUCING AN ELECTRODE

• PROCEDE DE PRODUCTION D'UNE ELECTRODE

(71) NOVEMBER AKTIENGESELLSCHAFT GESELLSCHAFT FÜR MOLEKULARE MEDIZIN [DE/DE]; Ulrich-Schalk-Str. 3a, 91056 Erlangen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUGLER, Christine [DE/DE]; Ringstr. 27, 91080 Spardorf (DE). MERIC, Burcu [TR/DE]; Am Färberhof 6/App. 63, 91052 Erlangen (DE). WEIGEL, Ingrid [DE/DE]; Moosstr. 6, 90411 Nürnberg (DE). SCHÜLEIN, Jürgen [DE/DE]; Ringstr. 27, 91080 Spardorf (DE). HASSMANN, Jörg [AT/DE]; Hofmannstr. 118a, 91052 Erlangen (DE).

(74) GASSNER, Wolfgang; Nägelsbachstr. 49 A, 91052 Erlangen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G01N 33/487, 27/403, 27/30, C12Q 1/00

(11) WO 2005/029070 (13) A1

(21) PCT/GB2004/004006

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 0322099.3 20 Sep/sep 2003 GB (20.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BIOSENSORS HAVING REDUCED HAEMOCRIT EFFECT

• BIOCAPTEURS PERMETTANT DE REDUIRE L'EFFET DE L'HEMATOCRITE

(71) CAMBRIDGE SENSORS LIMITED [GB/GB]; Unit 9, Cardinal Park, Godmanchester, Huntingdon, Cambridgeshire PE29 2XG (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YON-HIN, Bernadette [GB/GB]; Cambridge Sensors Limited, Unit 9, Cardinal Park, Godmanchester, Huntingdon, Cambridgeshire PE29 2XG (GB).

(74) GILL JENNING & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ



CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G01N 33/50  
(11) WO 2005/029071 (13) A1  
(21) PCT/US2004/029578  
(22) 10 Sep/sep 2004 (10.09.2004)  
(25) en (26) en  
(30) 10/662,640 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • HIGH THROUGHPUT METHOD TO IDENTIFY LIGANDS FOR CELL ATTACHMENT  
• PROCEDE A HAUT RENDEMENT PERMETTANT D'IDENTIFIER DES LIGANDS DE FIXATION A DES CELLULES

(71) BECTON, DICKINSON AND COMPANY [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) LIEBMANN-VINSON, Andrea [DE/US]; 611 November Court, Willow Springs, NC 27592 (US). ROWLEY, Jonathan, A. [US/US]; 220 Finley Dorset Drive, Chapel Hill, NC 27517 (US). BODILY, Chris, H. [US/US]; 2515 South 1300 West, Syracuse, UT 84075 (US). HEIDARAN, Mohammad, A. [US/US]; 207 Painted Fall Way, Cary, NC 27513 (US).

(74) HIGGET, David, W.; Becton, Dickinson and Company, 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01N 33/53, 33/531  
(11) WO 2005/029072 (13) A1  
(21) PCT/CN2003/000812  
(22) 24 Sep/sep 2003 (24.09.2003)  
(25) zh (26) zh  
(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A DETECTION METHOD OF HLA COMPLEMENT DEPENDENT CYTOTOXIC ANTIBODIES BASED ON ENZYME-LINKED IMMUNOSORBENT ASSAY AND THE KIT THEREOF  
• PROCEDE DE DETECTION D'ANTICORPS CYTOTOXIQUES DEPENDANT DU COMPLEMENT HLA. A BASE D'ESSAI D'IMMUNOABSORPTION A LIAISON

ENZYMATIQUE, ET NECESSAIRE A  
CET EFFET

(71) PEL-FREEZ BIOTECHNOLOGY (BEIJING) LTD. [CN/CN]; No. 12 Hongda North Road, Building B Block No. 3, 3rd/F, BDA, Beijing 100176 (CN).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) CHEN, Ge [CN/CN]; No. 12 Hongda North Road, Building B Block No. 3, 3rd/F, BDA, Beijing 100176 (CN).

(74) KING & WOOD PRC LAWYERS; 31st Floor, Office Tower A, 39 Dongsanhuan Zhonglu, Chaoyang District, Beijing 100022 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/53  
(11) WO 2005/029073 (13) A2  
(21) PCT/IB2004/051783  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) en (26) en  
(30) 60/504,540 19 Sep/sep 2003 US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • CHROMATOGRAPHIC ASSAY DEVICE AND METHODS  
• PROCEDES ET DISPOSITIF DE DOSAGE CHROMATOGRAPHIQUE

(71) ZBX Corporation; 42 Laird Drive, Toronto, M4G 3T2 (CA).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) FREITAG, Helmut, E [DE/CA]; 131 Beecroft Road #1509, Toronto, M2N 6G9 (CA). SHI, Qinwei [CA/CA]; 55 Hearthstone Crescent, Richmond Hill, Ontario L4B 3E3 (CA).

(74) HELLER, David, J.; Ridout & Maybee LLP, 1 Queen Street East, Suite 2400, Toronto, Ontario M5C 3B1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G01N 33/53, 37/00  
(11) WO 2005/029074 (13) A1  
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(22) 3 Sep/sep 2004 (03.09.2004)  
(25) ja (26) ja  
(30) 2003-332128 24 Sep/sep 2003 JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • SYSTEM FOR REACTING BIOLOGICAL MATERIAL  
• SYSTEME DE REACTION DE MATIERE BIOLOGIQUE

(71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo, 1510072 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MATSUO, Yuichiro [JP/JP]  
(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo, 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01N 33/532, C07D 209/14, 209/14, G01N 33/532  
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(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • BIS-TRANSITION-METAL-CHELATE PROBES  
• SONDAS DE DEUX CHELATES METALLIQUES DE TRANSITION

(71) RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY [US/US]; ASB III, 3 Rutgers Plaza, New Brunswick, NJ 08901 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) EBRIGHT, Richard, H. [US/US]; 10 Rustic Drive, North Brunswick, NJ 08902 (US). EBRIGHT, Yon, W.; 10 Rustic Drive, North Brunswick, NJ 08902 (US).

(74) SCOLA, Daniel, A., Jr. et al. / etc.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).

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- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 33/543
- (11) WO 2005/029076 (13) A2
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- (22) 20 Sep/sep 2004 (20.09.2004)
- (25) en (26) en
- (30) 0321937.5 19 Sep/sep 2003 GB (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NANOPARTICLE CONJUGATES AND METHOD OF PRODUCTION THEREOF  
• CONJUGUES DE NANOPARTICULES ET PROCEDE DE PRODUCTION ASSOCIE
- (71) THE UNIVERSITY OF LIVERPOOL [GB/GB]; Senate House, Abercromby Square, Liverpool L69 3BX (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FERNIG, David, Garth [GB/GB]; School of Biological Sciences, Biosciences Building, Crown Street, Liverpool L69 7ZB (GB). THANH, Dguyen, Thi, Kim [GB/GB]; 2A Basil Road, Liverpool L16 5EJ (GB). SMITH, John, Arthur [GB/GB]; School of Biological Sciences, Biosciences Building, Crown Street, University of Liverpool L69 7ZB (GB). DOTY, Richard, Christopher [GB/GB]; School of Biological Sciences, Biosciences Building, Crown Street, University of Liverpool L69 7ZB (GB). LEVY, Raphael [GB/GB]; School of Biological Sciences, Biosciences Building, Crown Street, University of Liverpool L69 7ZB (GB).
- (74) W.P. THOMPSON & CO.; Coopers Building, Church Street, Liverpool L1 3AB (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 60/505,914 24 Sep/sep 2003 US (24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND SYSTEM FOR MOLECULAR INTERACTION ANALYSIS  
• PROCEDE ET SYSTEME D'ANALYSE D'INTERACTIONS MOLECULAIRES
- (71) BIACORE AB [SE/SE]; Rapskatan 7, S-754 50 Uppsala (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ANDERSSON, Karl [SE/SE]; Ulleråkersvägen 62, S-756 43 Uppsala (SE). BORG, Peter [SE/SE]; Fänkolsgatan 3, 1 tr, S-754 47 Uppsala (SE). ÖNELL, Annica [SE/SE]; Funbo Holken, S-755 97 Uppsala (SE).
- (74) WIDÉN, Björn; Biacore AB, Rapskatan 7, S-754 50 Uppsala (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2005/029078 (13) A1
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- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COMPOSITIONS AND METHODS FOR ANALYSIS OF TARGET ANALYTES  
• COMPOSITIONS ET PROCEDES POUR L'ANALYSE D'ANALYTES CIBLES
- (71) GUAVA TECHNOLOGIES, INC. [US/US]; 25801 Industrial Boulevard, Hayward, CA 94545 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) DANIELZADEH, Robert [US/US]; 6537 Cobblestone Court, San Jose, CA 95120 (US). OLSON, Keith R [US/US]; Apt. 2004, One Lakeside Drive, Oakland, CA 94612 (US).
- (74) TEST, Aldo J et al. / etc.; DORSEY & WHITNEY LLP, Suite 3400, Four Embarcadero Center, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 33/569
- (11) WO 2005/029079 (13) A1
- (21) PCT/JP2003/011845
- (22) 17 Sep/sep 2003 (17.09.2003)
- (25) ja (26) ja
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD OF DIAGNOSING JOHNE'S DISEASE  
• PROCÉDÉ DE DIAGNOSTIC DE LA PARATUBERCULOSE
- (71) INCORPORATED ADMINISTRATIVE AGENCY NATIONAL AGRICULTURE AND BIO-ORIENTED RESEARCH ORGANIZATION [JP/JP]; 1-1, Kannondai 3-chome, Tsukuba-shi, Ibaraki 305-8517 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MOMOTANI, Eiichi [JP/JP]; 1-36-14, Kannondai, Tsukuba-shi, Ibaraki 305-0856 (JP). MORI, Yasuyuki [JP/JP]; 1-2, Kaname, Tsukuba-shi, Ibaraki 300-2622 (JP). HIKONO, Hirokazu [JP/JP]; 4-916-302, Namiki, Tsukuba-shi, Ibaraki 305-0044 (JP). BUZA, Joram Josephat [TZ/JP]; Room 305, Leopalace-, Nishimura No.1, 4-9, Wakaba, Tsukuba-shi, Ibaraki 300-1272 (JP).
- (74) KUBOTA, Fujio et al. / etc.; E-1 Bldg., 3-12, Nihombashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).
- (81) AU JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)<sup>7</sup> G01N 33/573, 33/60, C12Q 1/02, 1/37
- (11) WO 2005/029080 (13) A1
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- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/505,245 23 Sep/sep 2003 US (23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • WHOLE CELL ASSAY FOR INHIBITORS OF CATHEPSIN K  
• DOSAGE DE CELLULE ENTIERE D'IDENTIFICATION DES INHIBITEURS DE LA CATHEPSINE K

(71) **MERCK FROSST CANADA & CO.** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DESMARAIS, Sylvie** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **FALGUEYRET, Jean-Pierre** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **MELLON, Christophe** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA).

(74) **OGILVY RENAULT**; Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) ja (26) ja

(30) 2003-332084 24 Sep/sep 2003 JP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF DETERMINING AND PROGNOSING SEVERITY OF PREGNANCY TOXEMIA AND METHOD OF ESTIMATING FETUS/PLACENTA FUNCTION UNDER PREGNANCY TOXEMIA

• PROCEDE DE DETERMINATION ET DE PREVISION DE LA GRAVITE DE LA FIEVRE PUERPERALE, ET PROCEDE D'ESTIMATION DE LA FONCTION FOETUS/PLACENTA LORS D'UN ETAT DE FIEVRE PUERPERALE

(71) **MARUHA CORPORATION** [JP/JP]; 1-2, Otemachi 1-chome, Chiyoda-ku, Tokyo 1008608 (JP). **OSAKA BIOSCIENCE INSTITUTE** [JP/JP]; 2-4, Furuuedai 6-chome, Suita-shi, Osaka 5650874 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ODA, Hiroshi** [JP/JP]; c/o Central Research Institute, Maruha Corporation, 16-2, Wadai, Tsukuba-shi, Ibaraki 3004295 (JP). **SEIKI, Kosuke** [JP/JP]; c/o Central Research Institute, Maruha Corporation, 16-2, Wadai, Tsukuba-shi, Ibaraki 3004295 (JP). **SHIINA, Yasuhiko** [JP/JP]; c/o Central Research Institute, Maruha Corporation, 16-2, Wadai, Tsukuba-shi, Ibaraki 3004295 (JP). **SATO, Nobuyuki** [JP/JP]; c/o Central

Research Institute, Maruha Corporation, 16-2, Wadai, Tsukuba-shi, Ibaraki 3004295 (JP). **TAKEDA, Satoru** [JP/JP]; 901 Aimu Fujimino Nishi Sanbankan, 3369, Katsuse, Fujimi-shi, Saitama 3540031 (JP). **EGUCHI, Naomi** [JP/JP]; 4-8-3-307, Yamadahigashi, Suita-shi, Osaka 5650821 (JP). **URADE, Yoshihiro** [JP/JP]; 503 Gransitio-Shimogamo-Shikusaikan, 43, Shimogamo Matsubara-cho, Sakyo-ku, Kyoto-shi, Kyoto 6060804 (JP).

(74) **HIRAKI, Yusuke** et al. / etc.; Kamiya-cho MT Bldg., 19F, 3-20, Toranomom 4-chome, Minato-ku, Tokyo 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/574, 33/68, C07K 16/00

(11) WO 2005/029082 (13) A2

(21) PCT/EP2004/010841

(22) 24 Sep/sep 2004 (24.09.2004)

(25) en (26) en

(30) 200302213 24 Sep/sep 2003 ES (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS FOR THE IN VITRO DIAGNOSIS AND IN VITRO PROGNOSIS OF CANCER OF THE PANCREAS AND FOR THE DEVELOPMENT OF DRUGS AGAINST CANCER OF THE PANCREAS AND/OR PANCREATITIS

• METHODES POUR LE DIAGNOSTIC IN VITRO ET LE PRONOSTIC IN VITRO DU CANCER DU PANCREAS ET POUR LA MISE AU POINT DE MEDICAMENTS CONTRE LE CANCER DU PANCREAS ET/OU LA PANCREATITE

(71) **PROGENIKA BIOPHARMA, S.A.** [ES/ES]; Parque Tecnológico de Zamudio, Ibaizabal Bidea-Edificio 801-A 2a Planta, E-48160, Derio, Vizcaya (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEL AMO IRIBARREN, Jokin** [ES/ES]; Progenika Biopharma, S.A., Parque Tecnológico de Zamudio, Ibaizabal Bidea-Edificio 801-A 2a Planta, E-48160, Derio, Vizcaya (ES). **JUNQUERA SANCHEZ-VALLEJO, Corina** [ES/ES]; Progenika Biopharma, S.A., Parque Tecnológico de Zamudio, Ibaizabal Bidea - Edificio 801 - A 2a Planta, E-48160, Derio, Vizcaya (ES). **SANTA CRUZ, Simon** [GB/ES]; Progenika Biopharma, S.A., Parque Tecnológico de Zamudio, Ibaizabal Bidea - Edificio 801 - A 2a Planta, E-48160, Derio, Vizcaya (ES). **MARTÍNEZ MARTÍNEZ, Antonio** [ES/ES]; Progenika Biopharma, S.A., Parque Tecnológico de Zamudio, Ibaizabal Bidea-Edificio 801-A 2a Planta, E-48160 Derio, Vizcaya (ES). **BARNEO SERRA, Luis** [ES/ES]; Progenika Biopharma, S.A., Parque Tecnológico de Zamudio, Ibaizabal Bidea - Edificio 801 - A 2a Planta, E-48160, Derio, Vizcaya (ES). **ARIZ LÓPEZ DE CASTRO, Usue** [ES/ES]; Progenika Biopharma, S.A., Parque Tecnológico de Zamudio, Ibaizabal Bidea - Edificio 801 - A 2a Planta, E-48160, Derio, Vizcaya (ES). **SIMÓN BUELA, Laureano** [ES/ES]; Progenika Biopharma, S.A., Parque Tecnológico de Zamudio, Ibaizabal Bidea-Edificio 801-A 2a Planta, E-48160 Derio, Vizcaya (ES).

de Zamudio, Ibaizabal Bidea - Edificio 801 - A 2a Planta, E-48160, Derio, Vizcaya (ES). **ARGÜELLES SÁNCHEZ, María, Eladia** [ES/ES]; Progenika Biopharma, S.A., Parque Tecnológico de Zamudio, Ibaizabal Bidea - Edificio 801 - A 2a Planta, E-48160, Derio, Vizcaya (ES). **DE LOS TOYOS GONZÁLEZ, Juan Ramón** [ES/ES]; Progenika Biopharma, S.A., Parque Tecnológico de Zamudio, Ibaizabal Bidea - Edificio 801 - A 2a Planta, E-48160, Derio, Vizcaya (ES). **SANTA CRUZ, Simon** [GB/ES]; Progenika Biopharma, S.A., Parque Tecnológico de Zamudio, Ibaizabal Bidea - Edificio 801 - A 2a Planta, E-48160, Derio, Vizcaya (ES). **MARTÍNEZ MARTÍNEZ, Antonio** [ES/ES]; Progenika Biopharma, S.A., Parque Tecnológico de Zamudio, Ibaizabal Bidea-Edificio 801-A 2a Planta, E-48160 Derio, Vizcaya (ES). **BARNEO SERRA, Luis** [ES/ES]; Progenika Biopharma, S.A., Parque Tecnológico de Zamudio, Ibaizabal Bidea - Edificio 801 - A 2a Planta, E-48160, Derio, Vizcaya (ES). **ARIZ LÓPEZ DE CASTRO, Usue** [ES/ES]; Progenika Biopharma, S.A., Parque Tecnológico de Zamudio, Ibaizabal Bidea - Edificio 801 - A 2a Planta, E-48160, Derio, Vizcaya (ES). **SIMÓN BUELA, Laureano** [ES/ES]; Progenika Biopharma, S.A., Parque Tecnológico de Zamudio, Ibaizabal Bidea-Edificio 801-A 2a Planta, E-48160 Derio, Vizcaya (ES).

(74) **PORTELA, Sergio**; ABG Patentes, S.L., Orense 16 8ª A, E-28020 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/574, 33/68

(11) WO 2005/029083 (13) A1

(21) PCT/JP2003/012057

(22) 22 Sep/sep 2003 (22.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROGNOSIS IN CANCER PATIENTS VACCINATED WITH A CANCER ANTIGEN PEPTIDE-ASSOCIATED AGENT

• ETABLISSEMENT D'UN PRONOSTIC CHEZ DES PATIENTS ATTEINTS D'UN CANCER ET VACCINES AU MOYEN D'UN AGENT ASSOCIE A UN PEPTIDE ANTIGENIQUE TUMORAL

(71) **KURUME UNIVERSITY** [JP/JP]; 67, Asahi-machi, Kurume-shi, Fukuoka 830-0011 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ITOH, Kyogo** [JP/JP]; 2-25-9, Keyakidai, Kiyama-cho, Miyaki-gun, Saga 841-0205 (JP).

(74) KAWAMIYA, Osamu et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) CA JP US.

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(21) PCT/EP2004/010111

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(25) en (26) en

(30) 03021124.7 22 Sep/sep 2003 EP  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH ORGANIC CATION TRANSPORTER SLC22A12 (SLC22A12)

• AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES POUR DES MALADIES LIEES AU TRANSPORTEUR SLC22A12 (SLC22A12) DE CATIONS ORGANIQUES

(71) BAYER HEALTHCARE AG [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOLZ, Stefan [DE/DE]; Bückmannsmühle 46, 45326 Essen (DE). BRÜGGE-MEIER, Ulf [DE/DE]; Leysiefen 20, 42799 Leichlingen (DE). GEERTS, Andreas [DE/DE]; Schuckertstr. 29, 42113 Wuppertal (DE).

(74) BAYER HEALTHCARE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/68

(11) WO 2005/029085 (13) A2

(21) PCT/EP2004/010112

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 03021125.4 22 Sep/sep 2003 EP  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH ORGANIC CATION TRANSPORTER SLC22A11 (SLC22A11)

• AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES POUR DES MALADIES LIEES AU TRANSPORTEUR SLC22A11 (SLC22A11) DE CATIONS ORGANIQUES

(71) BAYER HEALTHCARE AG [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOLZ, Stefan [DE/DE]; Bückmannsmühle 46, 45326 Essen (DE). BRÜGGE-MEIER, Ulf [DE/DE]; Leysiefen 20, 42799 Leichlingen (DE). GEERTS, Andreas [DE/DE]; Schuckertstr. 29, 42113 Wuppertal (DE).

(74) BAYER HEALTHCARE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/68, C07K 14/705

(11) WO 2005/029086 (13) A2

(21) PCT/EP2004/010113

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 03021126.2 22 Sep/sep 2003 EP  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH ORGANIC CATION TRANSPORTER SLC22A10 (UST3-LIKE2) (SLC22A10)

• AGENTS DIAGNOSTIQUES ET THERAPEUTIQUES POUR DES MALADIES LIEES AU TRANSPORTEUR SLC22A10 (UST3-LIKE2) (SLC22A10) DE CATIONS ORGANIQUES

(71) BAYER HEALTHCARE AG [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOLZ, Stefan [DE/DE]; Bückmannsmühle 46, 45326 Essen (DE). BRÜGGE-MEIER, Ulf [DE/DE]; Leysiefen 20, 42799 Leichlingen (DE). GEERTS, Andreas [DE/DE]; Schuckertstr. 29, 42113 Wuppertal (DE).

(74) BAYER HEALTHCARE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/68

(11) WO 2005/029087 (13) A1

(21) PCT/EP2004/010711

(22) 24 Sep/sep 2004 (24.09.2004)

(25) en (26) en

(30) 03021571.9 24 Sep/sep 2003 EP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • USE OF GFAP FOR IDENTIFICATION OF INTRACEREBRAL HEMORRHAGE

• UTILISATION DE GFAP POUR L'IDENTIFICATION D'UNE HEMORRAGIE INTRACEREBRALE

(71) ROCHE DIAGNOSTICS GMBH [DE/DE]; Sandhofer Strasse 116, 68305 Mannheim (DE).

(only for / seulement pour DE)

(71) F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

(for all designated States except / pour tous les États désignés sauf DE US)

(71, 72) SITZER, Matthias [DE/DE]; Lutherstrasse 8, 63303 Dreieich (DE). FOERCH, Christian [DE/DE]; Holzhecke 29, 60528 Frankfurt (DE).

(72, 75) CURDT, Ingo [DE/DE]; Ettalstrasse 42a, 81377 Muenchen (DE).

(74) ROCHE DIAGNOSTICS GMBH; c/o Naser, Werner, Patent Department (TR-E), Postfach 11 52, 82372 Penzberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G01N 33/68

(11) WO 2005/029088 (13) A2

(21) PCT/GB2004/050012

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 0322063.9 20 Sep/sep 2003 GB  
(20.09.2003)

- (30) 0414089.3      **23 Jun/juin 2004**    GB  
(23.06.2004)
- (30) 0419068.2      **27 Aug/août 2004**    GB  
(27.08.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DIAGNOSTIC METHOD FOR BRAIN DAMAGE-RELATED DISORDERS  
• METHODE POUR DIAGNOSTIQUER DES TROUBLES ASSOCIES A UNE LESION CEREBRALE
- (71) UNIVERSITE DE GENEVE; Rue General-Dufour 24, Case Postale, CH-1211 Geneva 4 (CH). LUCAS, Brian [GB/GB]; Lucas & Co., 135 Westhall Road, Warlingham, Surrey CR6 9HJ (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HOCHSTRASSER, Denis, Francois [CH/CH]; Chemin de la Savonniere 27, Collonge-Bellerive, CH-1245 Geneva (CH). SANCHEZ, Jean-Charles [CH/CH]; Chemin Frank-Thomas 42, CH-1208 Geneva (CH). LESCUYER, Pierre [FR/FR]; 2, rue du Chablais, F-74100 Annemasse (FR). ALLARD, Laure [FR/FR]; Residence 'Le Clos des Vignes', 44 A Rue des Vignes, F-74240 GAILLARD (FR).
- (74) LUCAS, Brian; Lucas & Co., 135 Westhall Road, Warlingham Surrey CR6 9HJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
*(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (t) for all designations / pour toutes les désignations*
- (51)<sup>7</sup> G01N 33/68, 33/53, C12N 9/66, C12Q 1/68, A61K 38/57, C07K 14/81
- (11) WO 2005/029090      (13) A1
- (21) PCT/SE2004/001378
- (22) 24 Sep/sep 2004 (24.09.2004)
- (25) en      (26) en
- (30) 0302559-0      **25 Sep/sep 2003**    SE  
(25.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ELASTIN PEPTIDE FINGERPRINTS AND ANALYSIS METHODS FOR MMP12 RELATED TO COPD  
• EMPREINTES PEPTIDIQUES DE L'ELASTINE ET PROCEDES D'ANALYSE POUR LES MMP12 ASSOCIEES AUX BRONCHO-PNEUMOPATHIES CHRONIQUES OBSTRUCTIVES (BPCO)
- (71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BROBERG, Per [SE/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE). FEHNIGER, Thomas [US/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE). MARKO-VARGA, György [SE/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE). UEBEL, Stephan [DE/DE]; Max Planck Institute of Biochemistry, Am Klopferspitz 18, 82152 Martinsried (DE).
- (74) ASTRAZENECA; Global Intellectual Property, S-151 85 Södertälje (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G01N 33/68
- (11) WO 2005/029089      (13) A2
- (21) PCT/JP2004/013718
- (22) 14 Sep/sep 2004 (14.09.2004)
- (25) en      (26) en
- (30) 60/505,572      **24 Sep/sep 2003**    US  
(24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD OF DIAGNOSING OVARIAN ENDOMETRIOSIS USING TFPI-2 PROTEIN  
• METHODE DE DIAGNOSTIC D'ENDOMETRIOSE OVARIENNE A L'AIDE D'UNE PROTEINE TFPI-2
- (71) ONCOTHERAPY SCIENCE, INC. [JP/JP]; 3-16-13, Shirokanedai, Minato-ku, Tokyo 1080071 (JP). THE UNIVERSITY OF TOKYO [JP/JP]; 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 1138654 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) NAKAMURA, Yusuke [JP/JP]; 17-33, Azamino 1-chome, Aoba-ku, Yokohama-shi,

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G01N 33/72, 33/558, 33/543

(11) WO 2005/029092 (13) A1

(21) PCT/FI2004/000551

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 20031370 23 Sep/sep 2003 FI  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HEMOGLOBIN ASSAY FOR NEONATAL SCREENING

• ESSAI D'HEMOGLOBINE DESTINE A UN CRIBLAGE NEONATAL

(71) WALLAC OY [FI/FI]; Mustionkatu 6, FI-20750 Turku (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLOMBERG, Kaj [FI/FI]; Välskärinkatu 27, FI-20750 Turku (FI). KANKAANPÄÄ, Pasi [FI/FI]; Kaivotie 9 A 3, FI-21600 Parainen (FI). CAMPBELL, Thomas [US/US]; 7147 Cobbledale Ave. NW, North Canton, OH 44720 (US).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FI-00121 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G01N 33/86, C12Q 1/34, 1/56, C12P 1/00

(11) WO 2005/029093 (13) A1

(21) PCT/AU2004/001291

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 2003905172 22 Sep/sep 2003 AU  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR DETECTING PROCOAGULANT PHOSPHOLIPID

• PROCEDE POUR DETECTER DU PHOSPHOLIPIDE PROCOAGULANT

(71) HAEMATEX RESEARCH PTY LIMITED [AU/AU]; Unit 9, 17 King Road, Hornsby, NSW 2077 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EXNER, Thomas [AU/AU]; 1 Lennox Street, Gordon, NSW 2072 (AU).

(74) SPRUSON & FERGUSON; GPO Box 3898, Sydney, New South Wales 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 35/00

(11) WO 2005/029094 (13) A2

(21) PCT/FR2004/002339

(22) 15 Sep/sep 2004 (15.09.2004)

(25) fr (26) fr

(30) 0310799 15 Sep/sep 2003 FR  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AUTOMATION FOR OPENING AND CLOSING TUBES PROVIDED WITH A TILTABLE PLUG

• AUTOMATE POUR L'OUVERTURE ET LA FERMETURE DE TUBES MUNIS D'UN BOUCHON BASCULANT

(71) GENOMIC [FR/FR]; 23, rue Hector Berlioz, F-74160 Saint-Julien-en-Genevois (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LARE, Philippe [FR/FR]; Les Moulins de Vuret, F-74930 Pers-Jussy (FR). CALVO, Sébastien [FR/FR]; 1, rue Paul Bert, F-74100 Annemasse (FR). GAZEAU, Michel [FR/FR]; 23, rue Hector Berlioz, F-74160 Saint-Julien-en-Genevois (FR).

(74) BREESE, Pierre et al. / etc.; Breesé-Majerowicz, 3, avenue de l'Opéra, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 37/00, 33/53

(11) WO 2005/029095 (13) A1

(21) PCT/JP2004/013656

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-328791 19 Sep/sep 2003 JP  
(19.09.2003)

(30) 2003-347712 7 Oct/oct 2003 JP  
(07.10.2003)

(30) 2003-347713 7 Oct/oct 2003 JP  
(07.10.2003)

(30) 2003-347714 7 Oct/oct 2003 JP  
(07.10.2003)

(30) 2003-347715 7 Oct/oct 2003 JP  
(07.10.2003)

(30) 2003-417350 15 Dec/déc 2003 JP  
(15.12.2003)

(30) 2003-417351 15 Dec/déc 2003 JP  
(15.12.2003)

(30) 2004-008331 15 Jan/jan 2004 JP  
(15.01.2004)

(30) 2004-026383 3 Feb/fév 2004 JP  
(03.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BIOCHIP

• PUCE A ADN

(71) SUMITOMO BAKELITE CO., LTD. [JP/JP]; 5-8, Higashi-Shinagawa 2-chome, Shinagawa-ku, Tokyo 1400002 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) ISHIHARA, Kazuhiko [JP/JP]; 5-8-17, Iguchi, Mitaka-shi, Tokyo 1810011 (JP).

(72, 75) HUNAOOKA, Sohei [JP/JP]; c/o Sumitomo Bakelite Co., Ltd., 5-8, Higashi-Shinagawa 2-chome, Shinagawa-ku, Tokyo 1400002 (JP). YOKOYAMA, Kanehisa [JP/JP]; c/o Sumitomo Bakelite Co., Ltd., 5-8, Higashi-Shinagawa 2-chome, Shinagawa-ku, Tokyo 1400002 (JP).

(74) HAYAMI, Shinji; Daikanyama TK Bldg. 1F, 2-17-16, Ebisu-Nishi, Shibuya-ku, Tokyo 1500021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01R

(11) WO 2005/029096 (13) A2

(21) PCT/US2004/030057

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,003 15 Sep/sep 2003 US  
(15.09.2003)(30) 10/940,101 14 Sep/sep 2004 US  
(14.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR DETERMINING HARMONIC CONTRIBUTIONS FROM NON-LINEAR LOADS

• SYSTEME ET PROCEDURE PERMETTANT D'IDENTIFIER LES CONTRIBUTIONS D'HARMONIQUES PRODUITES PAR DES CHARGES NON LINEAIRES

(71) GEORGIA TECH RESEARCH CORPORATION [US/US]; 505 Tenth Street, N.W., Atlanta, GA 30332-0415 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARLEY, Ronald, Gordon [ZA/US]; 803 Tanners Point Drive, Lawrenceville, GA 30044 (US). HABELTER, Thomas, G. [US/US]; 1563 Stonegate Way, Snellville, GA 30078 (US). LAMBERT, Franklin, Cook [US/US]; 8467 Hearn Road, Palmetto, GA 30268 (US). MAZUMDAR, Joy [IN/US]; 2205 Arbor Gates Drive, NE, Atlanta, GA 30324 (US).

(74) HORSTEMEYER, Scott, A.; Thomas, Kayden, Horstemeier & Risley, LLP, 100 Galleria Parkway, Suite 1750, Atlanta, GA 30339-5948 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01R

(11) WO 2005/029097 (13) A2

(21) PCT/US2004/030443

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/666,567 19 Sep/sep 2003 US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A METHOD OF ANALYZING THE TIME-VARYING ELECTRICAL RESPONSE OF A STIMULATED TARGET SUBSTANCE

• TECHNIQUE D'ANALYSE DE LA REPONSE ELECTRIQUE A VARIATION DANS LE TEMPS D'UNE SUBSTANCE CIBLE STIMULEE

(71) WORLD ENERGY LABS (2), INC. [US/US]; 2341 West 205th Street, Suite 115, Torrance, CA 90501 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LALETIN, William, H. [US/US]; 651 Whitney Drive, Slidell, LA 70461 (US). SALLOUX, Kurt [US/US]; 1075 Henry Ridge, Topanga, CA 90290 (US).

(74) LEONARDO, Mark, S. et al. / etc.; Brown Rudnick Berlack Israels LLP, One Financial Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01R

(11) WO 2005/029098 (13) A2

(21) PCT/US2004/030725

(22) 18 Sep/sep 2004 (18.09.2004)

(25) en (26) en

(30) 10/666,165 19 Sep/sep 2003 US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MAGNETIC SENSOR

• CAPTEUR MAGNETIQUE

(71) AUTOMOTIVE SYSTEMS LABORATORY, INC. [US/US]; 27200 Haggerty Road, Suite B-12, Farmington Hills, MI 48331 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOMYA, Timothy, J. [US/US]; 6262 N. Crown Street, Westland, MI 48185 (US).

(74) DUNN, Robert, A. et al. / etc.; Dinnin & Dunn, P.C., 2701 Cambridge Court, Suite 500, Auburn Hills, MI 48326 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01R 15/18

(11) WO 2005/029099 (13) A1

(21) PCT/JP2004/013753

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-330732 22 Sep/sep 2003 JP  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CURRENT MEASUREMENT DEVICE, TEST DEVICE, AND COAXIAL CABLE AND ASSEMBLED CABLE USED FOR THEM

• DISPOSITIF DE MESURE D'INTENSITE, DISPOSITIF D'ESSAI, CABLE COAXIAL ET CABLE ASSEMBLE UTILISES AVEC CES DISPOSITIFS

(71) HIRAKAWA HEWTECH CORPORATION [JP/JP]; 3-28-10, Minamioi, Shinagawa-ku, Tokyo 140-8551 (JP). ADVANTEST CORPORATION [JP/JP]; 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SATOU, Mitsunori [JP/JP]; c/o Koga Factory of Hirakawa Hewtech Corporation, 1144, Oaza Higashiushigaya, Sowa-machi, Sashima-gun, Ibaraki 306-0232 (JP). FURUKAWA, Yasuo [JP/JP]; c/o Advantest Corporation, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP).

(74) RYUKA, Akihiro; 6F, Toshin Building, 24-12, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01R 15/20

(11) WO 2005/029100 (13) A1

(21) PCT/JP2004/013804

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ja (26) ja

(30) 2003-331848 24 Sep/sep 2003 JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BEAM CURRENT SENSOR

• DETECTEUR DE COURANT DE FAISCEAU

(71) RIKEN [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP). MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006 OazaKadoma, Kadoma-shi, Osaka, 5718501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATANABE, Tamaki [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP). KATAYAMA, Takeshi [JP/JP]; 4-4-17 5-507, Nishihara-cho, Nishi-tokyo-shi, Tokyo, 1880004 (JP). KASE,

- Masayuki [JP/JP]; c/o RIKEN, 2-1, Hiro-sawa, Wako-shi, Saitama, 3510198 (JP). IKEDA, Tokihiro [JP/JP]; c/o RIKEN, 2-1, Hiro-sawa, Wako-shi, Saitama, 3510198 (JP). WATANABE, Shin-ichi [JP/JP]; 7-3-1, Hongo, Bunkyo-ku, Tokyo, 1130033 (JP). KAWAGUCHI, Takeo [JP/JP]; 1470-1-803, Fujie, Akashi-shi, Hyogo, 673-0044 (JP). SASAKI, Yu-chiro [JP/JP]; 1720-1-304, Tsuruma, Machida-city, Tokyo 194-0004 (JP). MIZUNO, Bunji [JP/JP]; 2-31-15, Kitayamato, Ikoma-city, Nara 630-0121 (JP). KANADA, Hisataka [JP/JP]; 5-4-22, Hoshida-Yamate, Katano-city, Osaka 576-0014 (JP).
- (74) UESHIMA, Junichi; 5-11-404, Nishi Ikebukuro 1-chome, Toshima-ku, Tokyo 1710021 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01R 19/00
- (11) WO 2005/029101 (13) A2
- (21) PCT/US2004/030043
- (22) 14 Sep/sep 2004 (14.09.2004)
- (25) en (26) en
- (30) 10/664,097 17 Sep/sep 2003 US (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND SYSTEM FOR VERIFYING VOLTAGE IN AN ELECTRICAL SYSTEM
- PROCEDE ET SYSTEME DE VERIFICATION DE TENSION DANS UN SYSTEME ELECTRIQUE
- (71) ROCKWELL AUTOMATION TECHNOLOGIES, INC. [US/US]; 1 Allen-Bradley Drive, Mayfield Heights, OH 44124 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JENSEN, David, L. [US/US]; 2793 Country Road T., Barneveld, WI 53507 (US). HEBERLEIN, G., Erich, Jr. [US/US]; 4810 Dover Street, Everett, WA 98203 (US). ROLLAY, David, T.; 10623 Beacon Hill Court West, Franklin, WI 53132 (US).
- (74) YODER, Patrick, S.; Fletcher Yoder, P.O. Box 692289, Houston, TX 77269-2289 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> G01R 31/00, 31/28
- (11) WO 2005/029103 (13) A1
- (21) PCT/CA2004/001681
- (22) 24 Sep/sep 2004 (24.09.2004)
- (25) en (26) en
- (30) 60/505,421 25 Sep/sep 2003 US (25.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- (51)<sup>7</sup> G01R 27/28, 35/00
- (11) WO 2005/029102 (13) A1
- (21) PCT/JP2004/013713
- (22) 14 Sep/sep 2004 (14.09.2004)
- (25) ja (26) ja
- (30) 2003-325793 18 Sep/sep 2003 JP (18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ERROR FACTOR ACQUISITION DEVICE, METHOD, PROGRAM, AND RECORDING MEDIUM
- DISPOSITIF, PROCEDE ET PROGRAMME D'ACQUISITION DE FACTEURS D'ERREURS, ET SUPPORT D'ENREGISTREMENT
- (71) ADVANTEST Corporation [JP/JP]; 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo, 1790071 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HARUTA, Masato [JP/JP]; c/o ADVANTEST Corporation, 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo, 1790071 (JP). SATO, Hiroyuki [JP/JP]; c/o ADVANTEST Corporation, 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo, 1790071 (JP). TANABE, Takeshi [JP/JP]; c/o ADVANTEST Corporation, 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo, 1790071 (JP). NAKAYAMA, Yoshikazu [JP/JP]; c/o ADVANTEST Corporation, 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo, 1790071 (JP).
- (74) HOSODA, Masutoshi; Akasaka Twin Tower Main Tower 11F, 17-22, Akasaka 2-chome, Minato-ku, Tokyo, 1070052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> G01R 31/30, 31/26
- (11) WO 2005/029104 (13) A1
- (21) PCT/DE2004/001879
- (22) 24 Aug/août 2004 (24.08.2004)
- (25) de (26) de
- (30) 103 42 997.2 17 Sep/sep 2003 DE (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ELECTRONIC SWITCHING CIRCUIT, SWITCHING CIRCUIT TEST ARRANGEMENT AND METHOD FOR DETERMINING THE OPERATIVENESS OF AN ELECTRONIC SWITCHING CIRCUIT
- CIRCUIT DE COMMUTATION ELECTRONIQUE, DISPOSITIF D'ESSAI DE CIRCUIT DE COMMUTATION, ET PROCEDE POUR DETERMINER LE BON FONCTIONNEMENT D'UN CIRCUIT DE COMMUTATION ELECTRONIQUE
- (71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KERBER, Martin [AT/DE]; Floras-trasse 42, 81827 München (DE). POMPL, Thomas [DE/DE]; Graf-Pocci-Weg 5, 84034 Landshut (DE).
- (74) DOKTER, Eric-Michael; Viering, Jentschura & Partner, Steinsdorfstr. 6, 80538 München (DE).



(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G01R 31/3185

(11) WO 2005/029105 (13) A1

(21) PCT/IB2004/002988

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 03300125.6 19 Sep/sep 2003 EP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRONIC CIRCUIT COMPRISING A SECRET SUB-MODULE

• CIRCUIT ELECTRONIQUE AVEC UN SOUS-MODULE SECRET

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YANNOU, Jean-Marc [FR/FR]; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR). FLEURY, Hervé [FR/FR]; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR). VINCENT, Hervé [FR/FR]; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(74) GATEPIN, Philippe; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM

ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G01R 33/02

(11) WO 2005/029106 (13) A1

(21) PCT/EP2003/010503

(22) 22 Aug/août 2003 (22.08.2003)

(25) de (26) de

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SENSOR FOR DETECTING THE DIRECTION OF A MAGNETIC FIELD IN A PLANE

• DETECTEUR POUR CAPTER L'ORIENTATION D'UN CHAMP MAGNETIQUE DANS UN PLAN

(71) SENTRON AG [CH/CH]; Baarerstrasse 73, CH-6300 Zug (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POPOVIC, Radivoje [CH/CH]; 21, chemin de Champagne, CH-1025 St-Sulpice (CH). SCHOTT, Christian [DE/CH]; 4, avenue du Delay, CH-1110 Morges (CH).

(74) FALK, Urs; Patentanwaltsbuero Dr. Urs Falk, Eichholzweg 9A, CH-6312 Steinhausen (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G01R 33/028

(11) WO 2005/029107 (13) A1

(21) PCT/GB2004/004017

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 0322236.1 23 Sep/sep 2003 GB (23.09.2003)

(30) 0323157.8 3 Oct/oct 2003 GB (03.10.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RESONANT MAGNETOMETER DEVICE

• DISPOSITIF A MAGNETOMETRE RESONANT

(71) QINETIQ LIMITED [GB/GB]; Registered Office, 85 Buckingham Gate, London SW1E 6PD (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KING, David, Oury [GB/GB]; Qinetiq Limited, Malvern Technology Centre, Room

E9A03, St Andrew's Road, Malvern, Worcestershire WR14 3PS (GB). BRUNSON, Kevin, Michael [GB/GB]; QinetiQ Limited, Malvern Technology Centre, Room E9A08, St Andrew's Road, Malvern, Worcestershire WR14 3PS (GB).

(74) P E DUNN; QinetiQ Ltd, IP Formalities, Cody Technology Park, A4 Building, Room G016, Ively Road, Farnborough, Hampshire GU14 0LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G01R 33/09, 33/02

(11) WO 2005/029108 (13) A1

(21) PCT/IB2004/003056

(22) 15 Sep/sep 2004 (15.09.2004)

(25) it (26) en

(30) TO2003A000729 23 Sep/sep 2003 IT (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A DEVICE FOR DETECTING MAGNETIC FIELDS AND RELATED DETECTING METHODS

• DISPOSITIF DE DETECTION DE CHAMPS MAGNETIQUES ET PROCEDE DE DETECTION CORRESPONDANT

(71) C.R.F. SOCIETÀ CONSORTILE PER AZIONI [IT/IT]; Strada Torino, 50, I-10043 Orbassano (Torino) (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PULLINI, Daniele [IT/IT]; c/o C.R.F. Società Consortile per Azioni, Strada Torino 50, I-10043 Orbassano (Torino) (IT). ZVEZDINE, Anatolii [RU/RU]; c/o C.R.F. Società Consortile per Azioni, Strada Torino 50, I-10043 Orbassano (Torino) (IT). ZVEZDINE, Konstantyne [RU/RU]; c/o C.R.F. Società Consortile per Azioni, Strada Torino 50, I-10043 Orbassano (Torino) (IT). MARCHIORANA, Brunetto [IT/IT]; c/o C.R.F. Società Consortile per Azioni, Strada Torino 50, I-10043 Orbassano (Torino) (IT). PERLO, Piero [IT/IT]; Via Chichignolo, 19, I-12048 Sommariva Bosco (IT). REPETTO, Piermaria [IT/IT]; Via Sismonda, 10/6, I-10145 Torino (IT).

(74) NOTARO, Giancarlo et al. / etc.; c/o Buzzi, Notaro & Antonielli d'Oulx S.r.l., Via Maria Vittoria 18, I-10123 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01R 33/32
- (11) WO 2005/029109 (13) A1
- (21) PCT/JP2004/013811
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) ja (26) ja
- (30) 2003-330418 22 Sep/sep 2003 JP (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NOISE FILTER FOR THREE-DIMENSIONAL HETEROGENEOUS NUCLEAR CORRELATION NMR SPECTRUM, NOISE FILTER METHOD, AND NOISE FILTER PROGRAM
- FILTRE ANTIBRUIT POUR SPECTRE RMN DE CORRELATION NUCLEAIRE HETEROGENE TRIDIMENSIONNEL, PROCEDE DE FILTRAGE DU BRUIT ET PROGRAMME DE FILTRAGE DU BRUIT
- (71) RIKEN [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) YOKOYAMA, Shigeyuki [JP/JP]; c/o RIKEN Yokohama Institute, 7-22, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa, 2300045 (JP). KIGAWA, Takanori [JP/JP]; c/o RIKEN Yokohama Institute, 7-22, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa, 2300045 (JP). KOBAYASHI, Naohiro [JP/JP]; c/o RIKEN Yokohama Institute, 7-22, Suehiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa, 2300045 (JP).
- (74) SAKAI, Hiroaki; Sakai International Patent Office, Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo, 1000013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01R 33/385
- (11) WO 2005/029110 (13) A2
- (21) PCT/FR2004/050411
- (22) 2 Sep/sep 2004 (02.09.2004)
- (25) fr (26) fr
- (30) 0350541 15 Sep/sep 2003 FR (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NMR MACHINE WITH IMPROVED GRADIENT COILS
- MACHINE DE RMN AVEC BOBINES DE GRADIENT PERFECTIONNÉES
- (71) CEA [FR/FR]; 31-33, rue de la Fédération, F-75015 PARIS (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) AUBERT, Guy [FR/FR]; 1, place des Carmes, F-86000 POIRIERS (FR).
- (74) SCHMIT, Christian, Norbert, Marie; 8, place du Ponceau, F-95000 CERGY (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G01R 33/385, 33/3875, 33/38
- (11) WO 2005/029111 (13) A1
- (21) PCT/US2004/030460
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/504,371 19 Sep/sep 2003 US (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CYLINDRICAL BI-PLANAR GRADIENT COIL FOR MRI
- BOBINE DE GRADIENT A DEUX PLANS CYLINDRIQUE POUR IRM
- (71) MULTI-DIMENSION TECHNOLOGY, LLC [US/US]; 97 Pierce Street, Windsor, CT 06095 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) TEKLEMARIAM, Grum; 500 Broadway Street, #2129, Malden, MA 02148 (US). LIAN, Jianyu; 18 Magnolia Road, Westford, CT 01866 (US).
- (74) JACOBS, Bruce, F.; Jacobs Patent Office, P.O. Box 309438, Cambridge, MA 02139 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G01R 33/561
- (11) WO 2005/029112 (13) A1
- (21) PCT/IB2004/051728
- (22) 9 Sep/sep 2004 (09.09.2004)
- (25) en (26) en
- (30) 60/505,334 23 Sep/sep 2003 US (23.09.2003)
- (30) 60/583,883 29 Jun/juin 2004 US (29.06.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • JUMPING AROUND THE CENTER OF K-SPACE IN ANNULAR SEQUENTIAL STEPS
- ETAPES SEQUENTIELLES ANNULAIRES DE SAUT AUTOUR DU CENTRE DE L'ESPACE DES K
- (71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CULL, Thomas, S. [US/US]; 595 Miner Road, Cleveland, OH 44143 (US). GAUL, Laura, M. [US/US]; 595 Miner Road, Cleveland, OH 44143 (US). OBERRECHT, Sara, M. [US/US]; 595 Miner Road, Cleveland, OH 44143 (US).
- (74) KONINKLIJKE PHILIPS ELECTRONICS, N.V.; c/o LUNDIN, Thomas, M., 595 Miner Road, Cleveland, OH 44143 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :  
*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP*

KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> G01R 35/00, 15/20

(11) WO 2005/029113 (13) A1

(21) PCT/IB2004/051718

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 03103502.5 22 Sep/sep 2003 EP  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF DETERMINING A ZERO  
POINT OF A CURRENT SENSOR

• PROCEDE POUR DETERMINER UNE  
TENSION NULLE D'UN DETECTEUR  
DE COURANT

(71) PHILIPS INTELLECTUAL PROPERTY  
& STANDARDS GMBH [DE/DE]; Stein-  
damm 94, 20099 Hamburg (DE).  
(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N. V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).

(only for / seulement pour AE AG AL AM AT  
AU AZ BA BB BE BG BR BW BY BZ CA CH  
CN CO CR CU CY CZ DK DM DZ EC EE EG  
ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NA NI  
NO NZ OM PG PH PL PT RO RU SC SD SE  
SG SK SL SY SZ TJ TM TN TR TT TZ UA UG  
UZ VC VN YU ZA ZM ZW)

(72, 75) LUERKENS, Peter [DE/DE]; c/o  
Philips Intellectual Property &, Standards  
GmbH Weisshausstr. 2, 52066 Aachen (DE).

(74) MEYER, Michael; Philips Intellectual Prop-  
erty &, Standards GmbH Weisshausstr. 2,  
52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G01S

(11) WO 2005/029114 (13) A2

(21) PCT/EP2004/010478

(22) 17 Sep/sep 2004 (17.09.2004)

(25) de (26) de

(30) 03021085.0 18 Sep/sep 2003 EP  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GEODESIC DEVICE COMPRISING A  
LASER SOURCE  
• APPAREIL GEODESIQUE EQUIPE  
D'UNE SOURCE LASER

(71) LEICA GEOSYSTEMS AG [CH/CH];  
Heinrich-Wild-Strasse, CH-9435 Heerbrugg  
(CH).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BRAUNECKER, Bernhard [DE/CH];  
Haldenweg 10, CH-9445 Rebstein (CH).  
GÄCHTER, Bernhard [CH/CH]; Kapfs-  
trasse 4b, CH-9436 Balgach (CH).

(74) KAMINSKI, Susanne; Büchel Kaminski &  
Partner, Austrasse 79, FL-9490 Vaduz (LI).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G01S

(11) WO 2005/029115 (13) A2

(21) PCT/US2004/013325

(22) 29 Apr/avr 2004 (29.04.2004)

(25) en (26) en

(30) 10/427,214 1 May/mai 2003 US  
(01.05.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RADIO NAVIGATION SYSTEM  
• SYSTEME DE RADIONAVIGATION

(71) HONEYWELL INTERNATIONAL INC.  
[US/US]; 101 Columbia Road, P.O. Box  
2245, Morristown, NJ 07960 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) TAYLOR, Lucius, O. [US/US]; 3749  
Elmo Road, Minnetonka, MN 55305 (US).

(74) HOIRIIS, David et al. / etc.; Honeywell  
International Inc., 101 Columbia Road, P.O.  
Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G01S

(11) WO 2005/029116 (13) A2

(21) PCT/US2004/018909

(22) 15 Jun/juin 2004 (15.06.2004)

(25) en (26) en

(30) 10/630,079 30 Jul/juil 2003 US  
(30.07.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ACOUSTICAL IMAGING INTER-  
FEROMETER FOR DETECTION OF  
BURIED UNDERWATER OBJECTS

• INTERFEROMETRE D'IMAGERIE  
ACOUSTIQUE PERMETTANT DE DE-  
TECTER DES OBJETS ENTERRES  
SOUS L'EAU

(71) BAE SYSTEMS INFORMATION AND  
ELECTRONIC SYSTEMS INTEG-  
RATION INC. [US/US]; 65 Spit Brook Road,  
Nashua, NH 03061 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) ERIKSON, Kenneth, R. [US/US]; 89  
Western Avenue, Henniker, NH 03242 (US).

(74) MALONEY, Neil, F. et al. / etc.; P.O. Box  
3445, Nashua, New Hampshire 03061-3445  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les  
désignations

(t) for all designations / pour toutes les  
désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> G01S 1/00, 5/14

(11) WO 2005/029117 (13) A1

(21) PCT/US2004/030010

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 10/666,551 18 Sep/sep 2003 US  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PARTIAL ALMANAC COLLECTION  
SYSTEM

• SYSTEME DE COLLECTE  
D'EPIHEMERIDES PARTIELS

(71) SIRF TECHNOLOGY, INC. [US/US]; 184  
E. Brokaw Road, San Jose, CA 95112 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) GARIN, Lionel, J. [US/US]; 3475 Greer Road, Palo Alto, CA 94303 (US). PANDE, Ashutosh [US/US]; 604 Lochburry Court, San Jose, CA 95123 (US). CHANG, Steve, Chiayee [US/US]; 6555 Leyland Park Dr., San Jose, CA 95120 (US). ZHANG, Gengsheng [CN/US]; 1002 Westlynn Way, Apt. 2, Cupertino, CA 95014 (US). VYAS, Hemali [US/US]; 267 St. Albans Ave., South Pasadena, CA 91030 (US).

(74) HAMILTON, Jennifer, H. et al. / etc.; 10453 Raintree Lane, Northridge, CA 91326 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G01S 5/02, H04Q 7/38

(11) WO 2005/029118 (13) A1

(21) PCT/FR2004/002182

(22) 23 Aug/août 2004 (23.08.2004)

(25) fr (26) fr

(30) 0350554 17 Sep/sep 2003 FR (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • METHOD OF DETECTING THE PRESENCE OF ABSENCE OF A MOBILE TERMINAL ON A PATH
- PROCEDE POUR DETECTER LA PRESENCE OU L'ABSENCE D'UN TERMINAL MOBILE SUR UN CHEMIN

(71) ALCATEL [FR/FR]; 54, rue la Boétie, F-75008 Paris (FR).

(72) DUPONT, Marc; 16, Chemin du Long Perier, F-76220 Dampierre en Bay (FR). DEMATHIEU, Jean-Georges; 35, rue Hoffmann, F-92340 Bourg-La-Reine (FR).

(74) SCIAUX, Edmond et al. / etc.; Compagnie Financière Alcatel, Département Propriété Industrielle, 54, rue La Boétie, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G01S 5/14

(11) WO 2005/029119 (13) A2

(21) PCT/US2004/030412

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,016 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • MULTI-PURPOSE WIRELESS COMMUNICATION DEVICE
- DISPOSITIF DE COMMUNICATION SANS FIL MULTIFONCTIONNEL

(71) SILICON CONSTELLATIONS, INC. [US/US]; 201 South Fourth Street, Suite 535A, San Jose, CA 95112 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SILIC, Bojan [US/US]; 201 South Fourth Street #535A, San Jose, CA 95112 (US). PEDDIE, Timm [US/US]; 2503 Alma Street, Palo Alto, CA 94301 (US).

(74) NORTH WEBER & BAUGH LLP?; attn: Michael North, 2479 E. Bayshore Road, Suite 707, Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G01S 5/14

(11) WO 2005/029120 (13) A2

(21) PCT/US2004/030797

(22) 7 Sep/sep 2004 (07.09.2004)

(25) en (26) en

(30) 10/665,747 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • SYSTEM AND METHOD FOR INTEGRATION OF WIRELESS COMPUTER NETWORK IN POSITION DETERMINING TECHNOLOGY

- SYSTEME ET PROCEDE D'INTEGRATION DE RESEAU D'ORDINATEURS SANS FIL DANS LA TECHNOLOGIE DE DETERMINATION DE POSITIONS

(71) QUALCOMM Incorporated [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUM, Arnold J. [US/US]; 4610 Janet Place, San Diego, CA 92115 (US). PATRICK, Christopher [TT/US]; 14358 Dalhousie Road, San Diego, CA 92129 (US).

(74) NGUYEN, Thien T. et al. / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G01S 13/00

(11) WO 2005/029121 (13) A2

(21) PCT/US2004/029526

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/663,405 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • METHOD AND APPARATUS FOR PROVIDING A HAZARDOUS MATERIAL ALERT

- PROCEDE ET APPAREIL POUR PRODUIRE UNE ALERTE CONCERNANT DES MATIERES DANGEREUSES
- (71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAVIS, Steven, J.** [US/US]; 1997 Sorrentino Drive, Escondido, CA 92025 (US). **HARVEY, John** [US/US]; 6962 Enders Avenue, San Diego, CA 92122 (US). **PATRICK, Lynne** [US/US]; 4875 Valdina Way, San Diego, CA 92124 (US). **RUSNAK, Scott** [US/US]; 4567 Contour Boulevard, #201, San Diego, CA 92115 (US).
- (74) **WADSWORTH, Philip, R. et al.** / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(t) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> **G01S 17/08**
- (11) **WO 2005/029122** (13) A1
- (21) PCT/EP2004/009004
- (22) **12 Aug/août 2004 (12.08.2004)**
- (25) de (26) de
- (30) 01557/03 **12 Sep/sep 2003** CH (12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND DEVICE FOR ENSURING INTERACTION BETWEEN A DISTANCE METER AND A SURVEYING APPLICATION
- PROCEDE ET DISPOSITIF POUR ASSURER UNE INTERACTION ENTRE UN APPAREIL DE MESURE DE DISTANCE ET UNE APPLICATION DE MESURE
- (71) **LEICA GEOSYSTEMS AG** [CH/CH]; Heinrich-Wild-Strasse, CH-9435 Heerbrugg (CH).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GIGER, Kurt** [CH/CH]; Sportplatzstrasse 10, CH-9464 Rüthi (CH). **ERNE, Kurt** [AT/AT]; Illstrasse 19, A-6710 Nenzing (AT).
- (74) **KAMINSKI, Susanne**; Büchel Kaminski & Partner Patentanwälte Est., Austrasse 79, FL-9490 Vaduz (LI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G01S 17/87, 15/87, 15/08, 17/08**
- (11) **WO 2005/029123** (13) A1
- (21) PCT/EP2004/008664
- (22) **3 Aug/août 2004 (03.08.2004)**
- (25) de (26) de
- (30) 103 42 171.8 **12 Sep/sep 2003** DE (12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DEVICE FOR MEASURING DISTANCES BETWEEN MEASURING POINTS
- DISPOSITIF POUR MESURER DES DISTANCES COMPRISES ENTRE DES POINTS DE MESURE
- (71, 72) **BRODERSEN, Jens, P.** [DE/DE]; Friedenstrasse 11, 30175 Hannover (DE).
- (74) **LEINE & WAGNER**; Burckhardtstrasse 1, 30163 Hannover (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G01S 17/93, 17/87, 7/481**
- (11) **WO 2005/029124** (13) A1
- (21) PCT/DE2004/001845
- (22) **19 Aug/août 2004 (19.08.2004)**
- (25) de (26) de
- (30) 103 42 836.4 **17 Sep/sep 2003** DE (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ENVIRONMENTAL DETECTION SYSTEM COMPRISING TWO TRANSMITTERS AND RECEIVERS PLACED AT A DISTANCE FROM ONE ANOTHER
- SYSTEME DE DETECTION D'ENVIRONNEMENT COMPORTANT DEUX EMETTEURS ET RECEPTEURS PLACES A DISTANCE LES UNS DES AUTRES
- (71) **A.D.C. AUTOMOTIVE DISTANCE CONTROL SYSTEM GMBH** [DE/DE]; Kemptener Strasse 99, 88131 Lindau (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHANZ, Holger** [DE/DE]; Wackerstrasse 47a, 88131 Lindau (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G01S 17/93, 17/88, B60Q 1/08**
- (11) **WO 2005/029125** (13) A1
- (21) PCT/EP2004/052021
- (22) **3 Sep/sep 2004 (03.09.2004)**
- (25) de (26) de
- (30) 10343479.8 **19 Sep/sep 2003** DE (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR IMPROVING VISION IN A MOTOR VEHICLE
- PROCEDE POUR AMELIORER LA VISIBILITE DANS UN VEHICULE AUTOMOBILE
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAUG, Karsten** [DE/DE]; Eisenbahnstr. 44/1, 70372 Stuttgart (DE).
- (74) **ROBERT BOSCH GMBH**; Postfach 30 02 20, 70442 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G01T 1/24

(11) WO 2005/029126 (13) A1

(21) PCT/IB2004/051655

(22) 1 Sep/sep 2004 (01.09.2004)

(25) en (26) en

(30) 60/505,538 24 Sep/sep 2003 US (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ALIGNMENT METHOD AND APPARATUS FOR PIXILLATED DETECTOR  
• PROCÉDE ET APPAREIL D'ALIGNEMENT POUR DÉTECTEUR A PIXILLATION

(71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) PETRILLO, Michael, J. [US/US]; 595 Miner Road, Cleveland, OH 44143 (US).  
CORRA, Sorin, V. [CA/US]; 595 Miner Road, Cleveland, OH 44143 (US).  
NAIMA, Hamid [US/US]; 595 Miner Road, Cleveland, OH 44143 (US).  
TSENG, Sanyi [US/US]; 595 Miner Road, Cleveland, OH 44143 (US).  
VESEL, John, F. [US/US]; 595 Miner Road, Cleveland, OH 44143 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS, N.V.; c/o SERRA, Wayne, M., 595 Miner Road, Cleveland, OH 44143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G01T 3/00

(11) WO 2005/029127 (13) A2

(21) PCT/US2004/031692

(22) 27 Sep/sep 2004 (27.09.2004)

(25) en (26) en

(30) 10/670,903 25 Sep/sep 2003 US (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NEUTRON DETECTOR EMPLOYING DOPED PYROLYTIC BORON NITRIDE AND METHOD OF MAKING THEREOF

• DÉTECTEURS DE NEUTRONS DANS LEQUEL ON UTILISE DU NITRURE DE BORE PYROLYTIQUE DOPE ET PROCÉDE DE FABRICATION DE CE-LUI-CI

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SANE, Ajit, Yeshwant [US/US]; 3535 Trails End Drive, Medina, OH 44256 (US).  
LEIST, Jon, Russell [US/US]; 3931 Pine Circle, North Olmsted, OH 44070 (US).  
MOORE, Arthur, William [US/US]; 19928 Wildwood Lane, Strongsville, OH 44149 (US).

(74) WINTER, Catherine, J. et al. / etc.; Patent Counsel, General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW

GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G01V

(11) WO 2005/029128 (13) A2

(21) PCT/IL2004/000885

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 158047 22 Sep/sep 2003 IL (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SENSITIVE DEVICE AND METHOD FOR DETECTING MOVEMENT

• DISPOSITIF SENSIBLE ET PROCÉDE DE DÉTECTION DE MOUVEMENT

(71, 72) PREZENTI, Rafael [IL/IL]; 36/18 HaTayasim Street, 70400 Nes Ziona (IL).

(74) GADOR, Deborah; Blum, Gador & Co., 53 Derech HaShalom, 23rd Floor, 53454 Givataim (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01V

(11) WO 2005/029129 (13) A2

(21) PCT/IL2004/000886

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 158047 22 Sep/sep 2003 IL (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SENSITIVE DEVICE AND METHOD FOR INDICATING CHANGE OF ANGLE

• DISPOSITIF SENSIBLE ET PROCÉDE D'INDICATION DU CHANGEMENT D'ANGLE

(71, 72) PREZENTI, Rafael [IL/IL]; 36/18 HaTayasim Street, 70400 Nes Ziona (IL).

(74) GADOR, Deborah; Blum, Gador & Co., 53 Derech HaShalom, 23rd Floor, 53454 Givataim (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G01V

(11) WO 2005/029130 (13) A2

(21) PCT/US2004/029962

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 60/503,027 15 Sep/sep 2003 US  
(15.09.2003)

(30) 10/674,937 30 Sep/sep 2003 US  
(30.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS AND SYSTEMS FOR DE-  
TERMINING THE ORIENTATION OF  
NATURAL FRACTURES

• PROCEDES ET SYSTEMES POUR  
DETERMINER L'ORIENTATION DE  
FRACTURES NATURELLES

(71) PINNACLE TECHNOLOGIES, INC.  
[US/US]; 600 Townsend Street, Suite 160W,  
San Francisco, CA 94103 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SORRELLS, Gordon G. [US/US]; 2714  
Country Club Parkway, Garland, TX 75043  
(US). WARPINSKI, Norman [US/US];  
7129 Kiowa, NE, Albuquerque, NM 87110  
(US). WRIGHT, Chris [US/US]; 106 Alta  
Vista Avenue, Mill Valley, CA 94941 (US).  
DAVIS, Eric [US/US]; 2729 Del Monte  
Avenue, El Cerrito, CA 94530 (US).

(74) FERGUSON, Priscilla, L. et al. / etc.;  
Haynes and Boone, LLP, 901 Main Street,  
Suite 3100, Dallas, TX 75202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP

(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(t) for all designations / pour toutes les  
désignations; (t) for all designations / pour  
toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> G01V

(11) WO 2005/029131 (13) A2

(21) PCT/US2004/030721

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/664,566 17 Sep/sep 2003 US  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SINGLE STATION WIRELESS SEISMIC  
DATA ACQUISITION METHOD AND  
APPARATUS

• PROCEDE ET APPAREIL  
D'ACQUISITION DE DONNEES  
SISMQUES SANS FIL A UNE SEULE  
STATION

(71) INPUT/OUTPUT, INC. [US/US]; 12300  
Parc Crest Drive, Stafford, TX 77477 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) ISELL, James, W. [US/US]; 901 Prince-  
ton, Allen, TX 75002 (US).

(74) BYNUM, Todd, A.; Madan, Mossman &  
Sriram, P.C., 2603 Augusta, Suite 700, Hous-  
ton, TX 77057 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(t) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW

GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> G01V 3/10

(11) WO 2005/029132 (13) A1

(21) PCT/US2004/029509

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 10/661,884 12 Sep/sep 2003 US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR  
METAL TARGET PROXIMITY DETEC-  
TION AT LONG DISTANCES

• PROCEDE ET APPAREIL DE DETEC-  
TION DE PROXIMITE DE CIBLE ME-  
TALLIQUE A GRANDE DISTANCE

(71) INTELLECTUAL PROPERTY LLC  
[US/US]; 8030 Stagecoach Road, Cross  
Plains, WI 53528 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) REINING, William, N. [US/US]; 8030  
Stagecoach Road, Cross Plains, WI 53528  
(US).

(74) PIENKOS, John, T.; Quarles & Brady LLP,  
411 E. Wisconsin Avenue, Milwaukee, WI  
53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND SYSTEM FOR DETEC-  
TION OF OBJECTS

• PROCEDE ET SYSTEME DE DETEC-  
TION D'OBJETS

(71) SOREQ NUCLEAR RESEARCH CEN-  
TER [IL/IL]; Nahal Soreq, 81800 Yavne  
(IL).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MARGALLOT, Menachem [IL/IL]; 15  
HaRav Kook Street, 51405 Bnei Brak (IL).

- (74) **KLEIN, David**; Beit HaRofim, 18 Menuha VeNahala Street, Room 27, 76209 Rehovot (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01W 1/14, G01N 27/22
- (11) **WO 2005/029134** (13) A1
- (21) PCT/CN2004/000682
- (22) **24 Jun/juin 2004 (24.06.2004)**
- (25) zh (26) zh
- (30) 03160008.5 **19 Sep/sep 2003** CN (19.09.2003)
- (30) 03160009.3 **19 Sep/sep 2003** CN (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A DEVICE AND METHOD FOR DETECTING THE ENVIRONMENT CHANGE OF WINDSHIELD
- DISPOSITIF ET PROCEDE DE DETECTION DU CHANGEMENT ENVIRONNEMENTAL AFFECTANT UN PARE-BRISE
- (71, 72) **SUN, Tengchen** [CN/CN]; Room 351, No. 15, Building, Guanghuali, Chaoyang District, Beijing 100020 (CN). **YU, Jie** [CN/CN]; No. 3, Yannian Lane, Denei Street, Xicheng District, Beijing 100009 (CN).
- (74) **BEIJING GOLDEN-BRIDGE IP AGENCY CO., LTD**; A 108, Sigma Building, No. 49, Zhichun Road, Haidian District, Beijing 100080 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G02B
- (11) **WO 2005/029135** (13) A2
- (21) PCT/DE2004/002018
- (22) **9 Sep/sep 2004 (09.09.2004)**
- (25) de (26) de
- (30) 103 42 674.4 **16 Sep/sep 2003** DE (16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND FILM SYSTEM FOR PRODUCING A PERSONALISED, OPTICALLY VARIABLE ELEMENT
- PROCEDE ET SYSTEME DE FILM POUR LA PRODUCTION D'UN ELEMENT OPTIQUEMENT VARIABLE, PERSONNALISE
- (71) **LEONHARD KURZ GMBH & CO. KG** [DE/DE]; Schwabacher Strasse 482, 90763 Fürth (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KATSCHOREK, Haymo** [DE/DE]; Am Heckacker 15a, 90587 Obermichelbach (DE). **REINHART, Werner** [DE/DE]; Holzstrasse 3, 90513 Zirndorf (DE). **SEITZ, Mathias** [DE/DE]; Am Ruhstein 26, 91054 Buckenhof (DE).
- (74) **LOUIS PÖHLAU LORENTZ**; Postfach 30 55, 90014 Nürnberg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) **WO 2005/029136** (13) A2
- (21) PCT/US2004/030349
- (22) **16 Sep/sep 2004 (16.09.2004)**
- (25) en (26) en
- (30) 10/665,098 **16 Sep/sep 2003** US (16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • OPTICAL TRANSMISSION CONTROLLER
- CONTROLEUR DE TRANSMISSION OPTIQUE
- (71) **OPNEXT, INC.** [US/US]; 940 Auburn Court, Fremont, CA 94538 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WANG, Xiangzhong** [CN/US]; 34077 Paseo Padre parkway, #74, Fremont, CA 94555 (US).
- (74) **GARRETT, Arthur, S.**; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street N.W., Washinton, D.C. 20005-3315 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G02B
- (11) **WO 2005/029138** (13) A2
- (21) PCT/US2004/030357
- (22) **15 Sep/sep 2004 (15.09.2004)**
- (25) en (26) en
- (30) 60/503,425 **16 Sep/sep 2003** US (16.09.2003)
- (30) 10/754,260 **9 Jan/jan 2004** US (09.01.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SYSTEMS AND METHODS FOR INDUCING CRYSTALLIZATION OF
- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G02B
- (11) **WO 2005/029137** (13) A2
- (21) PCT/US2004/030353
- (22) **16 Sep/sep 2004 (16.09.2004)**
- (25) en (26) en
- (30) 10/662,347 **16 Sep/sep 2003** US (16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • FIBER OPTICLASER-INDUCED BREAKDOWN SPECTROSCOPY DEVICE AND METHODS OF USE
- DISPOSITIF DE SPECTROSCOPIE PAR CLAUQUAGE INDUIT PAR ECLAIR LASER A FIBRES OPTIQUES ET SES PROCEDES D'UTILISATION
- (71) **MISSISSIPPI STATE UNIVERSITY** [US/US]; 403 Bost, Extension Drive, Mississippi State, MS 39762 (US).
- (72) **KUMAR, Akshaya**; 17 Bulldog Circle, Starkville, MS 39759 (US). **YU-YUEH, Fang**; 601 Shadowood Lane, Starkville, MS 39759 (US). **BURGESS, Shane**; 1490 Bell Oaks Drive, Starkville, MS 39759 (US). **SINGH, Jagdish**; 202 Setter Lane, Starkville, MS 39759 (US).
- (74) **KELBER, Steven, B. et al.** / etc.; Piper Rudnick LLP, 1200 Nineteenth Street, N.W., Washington, DC 20036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G02B
- (11) **WO 2005/029138** (13) A2
- (21) PCT/US2004/030357
- (22) **15 Sep/sep 2004 (15.09.2004)**
- (25) en (26) en
- (30) 60/503,425 **16 Sep/sep 2003** US (16.09.2003)
- (30) 10/754,260 **9 Jan/jan 2004** US (09.01.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SYSTEMS AND METHODS FOR INDUCING CRYSTALLIZATION OF



THIN FILMS USING MULTIPLE OPTICAL PATHS

- SYSTEMES ET PROCEDE POUR INDIUIRE LA CRISTALLISATION DE FILMS MINCES EN UTILISANT DES TRAJETS OPTIQUES MULTIPLES

(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; 110 Low Memorial Library, 535 West 116th Street, New York, NY 10027 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IM, James [US/US]; 2828 Broadway #9E, New York, NY 10025 (US).

(74) WILMER CUTLER PICKERING HALE AND DORR LLP; 300 Park Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B

(11) WO 2005/029139 (13) A2

(21) PCT/US2004/030559

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,067 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A LIGHT-FORCE SENSOR AND METHOD FOR MEASURING AXIAL OPTICAL-TRAP FORCES FROM CHANGES IN LIGHT MOMENTUM ALONG AN OPTIC AXIS

- DETECTEUR DE FORCE DE LUMIERE, ET PROCEDE POUR MESURER LES FORCES DE PIEGEAGE OPTIQUE DANS L'AXE A PARTIR DES VARIATIONS DE LA FORCE D'IMPULSION DE LA LUMIERE LE LONG D'UN AXE OPTIQUE

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, 12th floor, Oakland, CA 94607-5200 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BUSTAMANTE, Carlos, J. [US/US]; 1544 Le Roy Street, Berkeley, CA 94708 (US). SMITH, Steven, B. [US/US]; 1817 62nd Street, Berkeley, CA 94703 (US).

(74) LIMBACH, Alan, A.; Gray Cary Ware & Freidenrich, 2000 University Avenue, East Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B

(11) WO 2005/029140 (13) A2

(21) PCT/US2004/031489

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 10/669,130 22 Sep/sep 2003 US (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COHERENT OPTICAL DETECTOR AND COHERENT COMMUNICATION SYSTEM AND METHOD

- DETECTEUR OPTIQUE COHERENT ET SYSTEME ET PROCEDE DE COMMUNICATION COHERENT

(71) CELIGHT, INC. [US/US]; 12200 Tech Road, Silver Spring, MD 20904 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHPANTZER, Isaac [US/US]; 8312 Rising Ridge, Bethesda, MD 20817 (US).

KAPLAN, Arkady [IL/US]; 5 Lake Avenue, Apt. 10A, East Brunswick, NJ 08816 (US).

SALAMON, Aviv [IL/US]; 1722 19th Street, NW, Apt. 803, Washington, DC 20009 (US).

ACHIAM, Yaakov [IL/US]; 301 Congressional Lane, Rockville, MD 20852 (US).

KHURGIN, Jacob, B. [US/US]; 7 Stablemere Court, Baltimore, MD 21209 (US).

TSEYTLIN, Michael [IL/US]; 5705 Radnor Court, Bethesda, MD 20817 (US).

CHO, Pak, Shing [US/US]; 24 Spring Street, Gaithersburg, MD 20877 (US).

GREENBLATT, Arthur [US/US]; 8912 Fairview Road, Silver Spring, MD 20910 (US).

KERR, Christopher [US/US]; 28 Bristol Avenue, Annapolis, MD 21401 (US).

HARSTON, Geoffrey [US/US]; 9155 Bourbon Street, Apt. M, Laurel, MD 20723 (US).

(74) DAVIS, Paul; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 5/04, G03B 21/00

(11) WO 2005/029141 (13) A1

(21) PCT/JP2004/013138

(22) 9 Sep/sep 2004 (09.09.2004)

(25) ja (26) ja

(30) 2003-327203 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CROSS DICHROIC PRISM AND PROJECTION DISPLAY UNIT USING IT

- PRISME DICHROIQUE CROISE ET AFFICHEUR A PROJECTION L'UTILISANT

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008331 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MANABE, Yuji [JP/JP]; c/o NIKON CORPORATION (Intellectual Property Department) 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008331 (JP).

NUMAZAKI, Kiyoshi [JP/JP]; c/o NIKON CORPORATION (Intellectual Property Department) 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008331 (JP).

OOZEKI, Hisao [JP/JP]; c/o NIKON CORPORATION (Intellectual Property Department) 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008331 (JP).

HATTORI, Tetsuo [JP/JP]; c/o NIKON CORPORATION (Intellectual Property Department) 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008331 (JP).

(74) NAGAI, Fuyuki; Iino Building, 2-1-1, Uchisaiwai-cho Chiyoda-ku, Tokyo, 1000111 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 5/08, C23C 14/08

(11) WO 2005/029142 (13) A1

(21) PCT/JP2004/005921

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-329823 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SILVER MIRROR AND METHOD FOR PREPARATION THEREOF

- MIROIR EN ARGENT ET PROCEDE DE FABRICATION CORRESPONDANT

(71) MURAKAMI CORPORATION [JP/JP]; 12-25, Miyamoto-cho, Shizuoka-shi, Shizuoka, 4228569 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TERADA, Yoshiyuki [JP/JP]; c/o MURAKAMI CORPORATION Fujieda Works, 748, Hyodayu, Fujieda-shi, Shizuoka, 4268601 (JP). OCHIALI, Akio [JP/JP]; c/o MURAKAMI CORPORATION Fujieda Works, 748, Hyodayu, Fujieda-shi, Shizuoka, 4268601 (JP).

(74) FUJIMURA, Yasuo; Room 834, Winaoyama Bldg. 2-15, Minamiaoyama 2-chome, Minato-ku, Tokyo, 1070062 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 5/30, G02F 1/1335

(11) WO 2005/029143 (13) A1

(21) PCT/JP2004/013413

(22) 15 Sep/sep 2004 (15.09.2004)

(25) ja (26) ja

(30) 2003-327314 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • POLARIZING FILM, POLARIZING PLATE AND LIQUID CRYSTAL DISPLAY DEVICE

• FILM DE POLARISATION, PLAQUE DE POLARISATION ET DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES

(71) NIPPON KAYAKU KABUSHIKI KAISHA [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku Tokyo, 1028172 (JP). POLATECHNO CO.,LTD. [JP/JP]; 192-6 Aza Shimogawara, Oaza Inamasu, Itakura-machi, Nakakubiki-gun, Niigata, 9440101 (JP).

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(72, 75) OKADA, Masaru [JP/JP]; 8-8 Oaza, Okadashinden, Kubiki-mura, Nakakubiki-gun, Niigata, 9420102 (JP). YOSHIDA, Tatsuya [JP/JP]; 3-11-36 Minamihoncho, Joetsu-shi, Niigata, 9430841 (JP). IKEZU, Satomi [JP/JP]; 1-19-10, Tera-machi, Joetsu-shi, Niigata, 9430892 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G02B 6/00

(11) WO 2005/029144 (13) A1

(21) PCT/JP2004/013448

(22) 15 Sep/sep 2004 (15.09.2004)

(25) ja (26) ja

(30) 2003-325087 17 Sep/sep 2003 JP (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • OPTICAL FIBER WIRING METHOD AND ITS DEVICE

• PROCEDE DE CABLAGE PAR FIBRES OPTIQUES ET SON DISPOSITIF

(71) MUSASHI ENGINEERING, INC. [JP/JP]; 1-11-6, Iguchi, Mitaka-Shi, Tokyo, 1810011 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) KUBO, Juichi [JP/JP]; 2-2, Ote 1-Chome, Ueda-Shi, Nagano, 3860024 (JP).

(72, 75) IKUSHIMA, Kazumasa [JP/JP]; c/o Musashi Engineering, Inc. 8-7-4, Shimorenjaku, Mitaka-Shi, Tokyo 1810013 (JP).

(74) SUDO, Asako et al. / etc.; 5-6-26, Kajino-Cho, Koganei-Shi, Tokyo 1840002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 6/10, G01M 11/02, G11C 13/04, G02F 7/00

(11) WO 2005/029145 (13) A1

(21) PCT/AU2004/001307

(22) 27 Sep/sep 2004 (27.09.2004)

(25) en (26) en

(30) 2003905247 25 Sep/sep 2003 AU (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A METHOD OF OPTICAL DATA STORAGE

• PROCEDE DE STOCKAGE DE DONNEES OPTIQUES

(71) REDFERN OPTICAL COMPONENTS PTY LTD [AU/AU]; Suite 104, National Innovation Centre, Australian Technology Park, Eveleigh, New South Wales 1430 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ENGLUND, Mark, Andrew [AU/AU]; 4A Killarney Street, Mosman, New South Wales 2088 (AU). EDVELL, Lars, Goran

[AU/AU]; 47 Mubo Crescent, Holesworthy, New South Wales 2173 (AU). GRAF, Andrew [AU/AU]; 6 Keir Avenue, Hurlstone Park, New South Wales 2193 (AU).

(74) GRIFFITH HACK; GPO Box 4164, SYDNEY, New South Wales 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 6/36, 6/255, 6/40

(11) WO 2005/029146 (13) A1

(21) PCT/CA2004/001648

(22) 8 Sep/sep 2004 (08.09.2004)

(25) en (26) en

(30) 2,441,918 19 Sep/sep 2003 CA (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • OPTICAL COUPLER COMPRISING MULTIMODE FIBERS AND METHOD OF MAKING THE SAME

• COUPLEUR OPTIQUE COMPORTANT DES FIBRES MULTIMODE ET SON PROCEDE DE FABRICATION

(71) ITF TECHNOLOGIES OPTIQUES INC.-ITF OPTICAL TECHNOLOGIES INC. [CA/CA]; 400 blvd. Montepellier, Montreal, Quebec H4N 2G7 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72) GONTHIER, François; 1780 Laird Blvd., Montreal, Quebec H3P 2T9 (CA).

MARTINEAU, Lilian; 5160 Gatineau Ave., Apt. #8, Montreal, Quebec H3T 1W8 (CA).

SEGUIN, François; 141 Madsen, Montreal, Quebec H9W 4T9 (CA). VILLENEUVE, Alain; 194 Brookfield, Montreal, Quebec H3P 3J8 (CA).

FAUCHER, Mathieu; 10322 Laverdure, Montreal, Quebec H3L 2L4 (CA).

AZAMI, Nawfel; 745 Place Fortier, Apt. 1505, Montreal, Quebec H4L 5A6 (CA).

GARNEAU, Marc; 1772 rue Boudrias, Montreal, Quebec H4L 2N3 (CA).

(74) PRIMAK, George, J.; 13480 Huntington, Montreal, Quebec H8Z 1G2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (b)

(51)<sup>7</sup> G02B 6/36, 6/38

(11) WO 2005/029147 (13) A1

(21) PCT/CA2004/001730

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 2,441,872 22 Sep/sep 2003 CA  
(22.09.2003)

(30) 60/504,189 22 Sep/sep 2003 US  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • KEYED FIBRE OPTIC CONNECTOR  
• CONNECTEUR DE FIBRE OPTIQUE A  
CLE

(71) NORDX/CDT INC. [CA/CA]; 2345, boul.  
Des Sources, Pointe-Claire, Québec H9R 5Z3  
(CA).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MILETTE, Luc [CA/CA]; 1765 Pothier,  
Montreal, Quebec H2C 1N3 (CA).

(74) DUBUC, J. et al. / etc.; Goudreau Gage  
Dubuc, Stock Exchange Tower, Suite 3400,  
800 Place Victoria, P.O. Box 242, Montreal,  
Quebec H4Z 1E9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G02B 21/00

(11) WO 2005/029148 (13) A1

(21) PCT/EP2004/010269

(22) 14 Sep/sep 2004 (14.09.2004)

(25) de (26) de

(30) 103 43 276.0 18 Sep/sep 2003 DE  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTIPHOTON FLUORESCENCE MI-  
CROSCOPE WITH PLANE ARRAY DE-  
TECTOR

• MICROSCOPE A FLUORESCENCE  
MULTIPHOTONIQUE A DETECTEUR  
PLAN

(71) CARL ZEISS JENA GMBH [DE/DE];  
Carl-Zeiss-Promenade 10, 07745 Jena (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) DAVIDOVICI, Dan [DE/DE]; Sonnen-  
hang 6, 85276 Pfaffenhofen (DE).

(74) BREIT, Ulrich et al. / etc.; Geyer, Fehners &  
Partner, Perhamerstrasse 31, 80687 München  
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G02B 21/00

(11) WO 2005/029149 (13) A1

(21) PCT/EP2004/052293

(22) 23 Sep/sep 2004 (23.09.2004)

(25) de (26) de

(30) 103 44 410.6 25 Sep/sep 2003 DE  
(25.09.2003)

(30) 10 2004 044 310.6 10 Sep/sep 2004 DE  
(10.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MICROSCOPE WITH EVANESCENT  
WAVE ILLUMINATION  
• MICROSCOPE A ECLAIRAGE EVA-  
NESCENT

(71) LEICA MICROSISTEMS HEIDEL-  
BERG GMBH [DE/DE]; Am Friedensplatz  
3, 68165 Mannheim (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) ULRICH, Heinrich [DE/DE]; Langge-  
wann 2, 69121 Heidelberg (DE). KNEBEL,  
Werner; Hebelstrasse 17/1, 76709 Kronau  
(DE). MÖLLMANN, Kyra [DE/DE]; Köh-  
lerweg 10, 67705 Trippstadt (DE). HOFF-  
MANN, Jürgen; Weilstrasse 2, 65520 Bad-  
Camberg (DE).

(74) REICHERT, Werner F.; Leica Microsys-  
tems AG, Corporate Patents + Trademarks  
Department, Ernst-Leitz-Strasse 17-37,  
35578 Wetzlar (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ NA SD SL SZ TZ  
UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ  
TM) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR HU IE IT LU MC NL PL PT RO SE  
SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ  
GW ML MR NE SN TD TG); (s) for the following  
designations / pour les désignations suivantes :

AE AG AL AM AT AU AZ BA BB BG BR BW BY  
BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE EG ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NA NI  
NO NZ OM PG PH PL PT RO RU SC SD SE SG  
SK SL SY TJ TM TN TR TT TZ UA UG UZ VC  
VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ  
NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG  
KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC NL PL  
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM  
GA GN GQ GW ML MR NE SN TD TG); (s) for  
the following designations / pour les désignations  
suivantes :

AE AG AL AM AT AU AZ BA BB BG  
BR BW BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH GM HR  
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ  
NA NI NO NZ OM PG PH PL PT RO RU SC SD  
SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ  
VC VN YU ZA ZM ZW AP (BW GH GM KE LS  
MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM  
AZ BY KG KZ MD RU TJ TM) EP (AT BE BG  
CH CY CZ DE DK EE ES FI FR GB GR HU IE  
IT LU MC NL PL PT RO SE SI SK TR) OA (BF  
BJ CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG); (s) for the following designations /  
pour les désignations suivantes :

AE AG AL AM  
AT AU AZ BA BB BG BR BW BY BZ CA CH CN  
CO CR CU CZ DE DK DM DZ EC EE EG ES FI  
GB GD GE GH GM HR HU ID IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MA MD  
MG MK MN MW MX MZ NA NI NO NZ OM PG  
PH PL PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ  
UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ  
TM) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR HU IE IT LU MC NL PL PT RO SE  
SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ  
GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les  
désignations; (t) for all designations / pour toutes  
les désignations; (t) for all designations / pour  
toutes les désignations; (t) for all designations  
/ pour toutes les désignations; (t) for all  
designations / pour toutes les désignations; (t) for  
all designations / pour toutes les désignations  
(u) for / pour US only / seulement; (u) for / pour  
US only / seulement

(51)<sup>7</sup> G02B 21/00

(11) WO 2005/029150 (13) A1

(21) PCT/EP2004/052295

(22) 23 Sep/sep 2004 (23.09.2004)

(25) de (26) de

(30) 103 44 410.6 25 Sep/sep 2003 DE  
(25.09.2003)

(30) 10 2004 044 274.6 10 Sep/sep 2004 DE  
(10.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)



CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G02B 21/33, 21/02

(11) WO 2005/029153 (13) A2

(21) PCT/EP2004/010302

(22) 15 Sep/sep 2004 (15.09.2004)

(25) de (26) de

(30) 103 43 722.3 17 Sep/sep 2003 DE  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SOLID IMMERSION LENS SPEC-  
TROSCOPY AND MICROSCOPE

• SPECTROSCOPIE ET MICROSCOPIE  
PAR LENTILLE A IMMERSION SO-  
LIDE

(71) CARL ZEISS JENA GMBH [DE/DE];  
Carl-Zeiss-Promenade 10, 07745 Jena (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BRUNNER, Robert [DE/DE];  
Berghoffsweg 6d, 07743 Jena (DE). MAR-  
TIN, Dietrich [DE/DE]; Von-Hase-Weg  
31, 07743 Jena (DE). RAO, Ramachandra  
[IN/CH]; Chemin des Airelles 1, CH-1020  
Renens (CH). SEROV, Alexandre [RU/CH];  
30, avenue Louis Vulliemin, CH-1005 Lau-  
sanne (CH). LASSER, Theo [DE/CH]; 7, rue  
de la Gare, CH-1162 St. Prex (CH). GÖSCH,  
Michael [DE/DE]; Maienweg 199, 22335  
Hamburg (DE). RIGLER, Rudolf [AT/CH];  
115, rue du Centre, CH-1025 St-Sulpice  
(CH).

(74) HAMPE, Holger; c/o Carl-Zeiss Jena  
GmbH, Carl-Zeiss-Promenade 10, 07745  
Jena (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G02B 27/22, H04N 13/00

(11) WO 2005/029154 (13) A1

(21) PCT/MX2003/000077

(22) 23 Sep/sep 2003 (23.09.2003)

(25) es (26) es

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • 3D IMAGE PROJECTION SYSTEM

• SYSTEME DE PROJECTION  
D'IMAGES 3D

(71, 72) BARJAU DELGADO, Everest  
[MX/MX]; Grieta No. 161, Colonia Jar-  
dines del Pedregal, C.P. 01900, México, D.F.  
(MX).

(74) OCHOA CORTÉS, Oscar, Javier; Beta,  
No. 92, Colonia: Romero de Terreros, C.P.  
04310, México, D.F. (MX).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EE ES FI GB GD GE GH GM HR  
HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ PL PT RO RU SD SE  
SG SK SL TJ TM TR TT TZ UA UG US UZ  
VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> G02B 27/28

(11) WO 2005/029155 (13) A1

(21) PCT/IB2004/051768

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/504,454 19 Sep/sep 2003 US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EFFICIENT AND COMPACT POLAR-  
IZATION CONVERSION METHOD

• APPAREIL EFFICACE ET COMPACT  
DE CONVERSION DE POLARISATION

(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS, N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) JANSSEN, Peter, J. [US/US]; P.O.  
Box 3001, Briarcliff Manor, New York  
10510-8001 (US).

(74) KONINKLIJKE PHILIPS ELECTRON-  
ICS, N.V.; PHILIPS INTELLECTUAL  
PROPERTY & STANDARDS, c/o BRAM,  
Eric M., P.O. Box 3001, Briarcliff Manor,  
New York 10510-8001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)

OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> G02B 27/28, G03B 21/14, H04N 9/31

(11) WO 2005/029156 (13) A1

(21) PCT/KR2004/002391

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/505,171 24 Sep/sep 2003 US  
(24.09.2003)

(30) 10-2003-0097798 26 Dec/déc 2003 KR  
(26.12.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COLOR FILTER UNIT AND PROJEC-  
TION SYSTEM EMPLOYING THE  
SAME

• FILTRE DE COULEURS ET SYSTEME  
DE PROJECTION L'UTILISANT

(71) SAMSUNG ELECTRONICS CO., LTD.  
[KR/KR]; 416, Maetan-dong, Yeongtong-gu,  
Suwon-si, Gyeonggi-do 442-742 (KR).

(72) KIM, Sung-Ha; 303 (939-3) Daechi 4-dong,  
Gangnam-gu, Seoul 135-998 (KR). KIM,  
Dong-Ha; 904-1504 Byuckjeokgol 9-danji  
Apt., Yeongtong-dong, Yeongtong-gu,  
Suwon-si, Gyeonggi-do 443-726 (KR).  
HWANG, Ju-Seong; 101-907 Daerim  
Apt., 544, Shinbu-dong, Cheonan-si,  
Chungcheongnam-do 330-773 (KR).

(74) LEE, Young-Pil; The Cheonghwa Building,  
1571-18 Seocho-dong, Seocho-gu, Seoul  
137-874 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G02B 27/48

(11) WO 2005/029157 (13) A1

(21) PCT/NL2004/000558

(22) 6 Aug/août 2004 (06.08.2004)

(25) nl (26) en

(30) 1024069 7 Aug/août 2003 NL  
(07.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND DEVICE FOR CARRY-  
ING OUT SPECKLE INTERFEROME-  
TRY

• PROCEDE ET DISPOSITIF  
D'INTERFEROMETRIE PAR GRANU-  
LATION COHERENTE

(71) STICHTING VOOR DE TECHNISCHE  
WETENSCHAPPEN [NL/NL]; Van Vol-  
lenhovenlaan 661, NL-3527 JP Utrecht (NL).

- TECHNISCHE UNIVERSITEIT DELFT** [NL/NL]; Julianalaan 134, NL-2628 BL Delft (NL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SOMERS, Petrus, Arnoldus, Andreas, Maria** [NL/NL]; Barnsteenstraat 9, NL-2403 BW Alphen A/D Rijn (NL).
- (74) **VAN WESTENBRUGGE, Andries et al.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G02C
- (11) WO 2005/029158 (13) A2
- (21) PCT/US2004/029987
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 60/502,290 12 Sep/sep 2003 US (12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD OF INTERACTIVE SYSTEM FOR PREVIEWING AND SELECTING EYEWEAR  
• PROCEDE DE SYSTEME INTERACTIF PERMETTANT DE PREVISUALISER ET DE SELECTIONNER DES ARTICLES DE LUNETTERIE
- (71, 72) **NEAL, Michael, R.** [CA/US]; 831 Woodlawn Avenue, Moosic, PA 18507 (US).
- (74) **GREENBAUM, Michael, C.**; BLANK ROME LLP, 600 New Hampshire Avenue, N.W., Washington, DC 20037 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G02C 1/02
- (11) WO 2005/029159 (13) A1
- (21) PCT/KR2004/002397
- (22) 18 Sep/sep 2004 (18.09.2004)
- (25) en (26) en
- (30) 20-2003-0030236 22 Sep/sep 2003 KR (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • FRAMELESS GLASSES  
• LUNETTES SANS MONTURE
- (71, 72) **LEE, Soo kil** [KR/KR]; 242, Chumchondong, Moonkyoung City, Kyongbook 745-887 (KR).
- (74) **HAN, Sang hyuk**; Sung jae B/D 5F, 1656-1, Seochodong, Seochoku, Seoul 137-070 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G02C 7/02
- (11) WO 2005/029160 (13) A1
- (21) PCT/EP2004/009227
- (22) 17 Aug/août 2004 (17.08.2004)
- (25) de (26) de
- (30) 103 39 948.8 29 Aug/août 2003 DE (29.08.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ERROR-TOLERANT PROGRESSIVE GLASS DESIGN  
• CONCEPTION DE VERRE PROGRESSIF A TOLERANCE D'ERREUR
- (71) **RODENSTOCK GMBH** [DE/DE]; Isartalstrasse 43, 80469 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ALTHEIMER, Helmut** [DE/DE]; An der Halde 2, 87650 Baisweil-Lauchdorf (DE). **ESSER, Gregor** [DE/DE]; Madelserdestrasse 17, 81735 München (DE). **WELK, Andrea** [DE/DE]; Otterstrasse 7, 81547 München (DE). **SCHMID, Leonhard** [DE/DE]; Diessenerstrasse 8, 82399 Raisting (DE). **ZIMMERMANN, Martin** [DE/DE]; Filsrweg 14, 85253 Erdweg-Kleinberghofen (DE). **SCHMID, Kerstin** [DE/DE]; Schlehdornweg 35, 82256 Fürstenfeldbruck (DE). **AWRATH, Norbert** [DE/DE]; Bayrischzeller Strasse 27, 81539 München (DE). **BROSIG, Jochen** [DE/DE]; Hirtenweg 9, 82031 Grünwald (DE). **NIKO-LAUS, Winfried** [DE/DE]; Am Langhölzl 15, 85540 Haar (DE). **MÜLLER, Werner** [DE/DE]; Waldstrasse 17, 75443 Ötisheim (DE). **SCHWARZ, Ilka** [DE/DE]; Alpenstrasse 1c, 82538 Geretsried (DE).
- (74) **ROCKE, Carsten**; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G02C 7/04, C08F 290/06
- (11) WO 2005/029161 (13) A1
- (21) PCT/JP2004/012002
- (22) 20 Aug/août 2004 (20.08.2004)
- (25) ja (26) ja
- (30) 2003-326676 18 Sep/sep 2003 JP (18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • OCULAR LENS MATERIAL  
• MATERIAU POUR LENTILLE OCULAIRE
- (71) **MENICON CO., LTD.** [JP/JP]; 21-19, Aoi 3-chome, Naka-ku, Nagoya-shi, Aichi, 4600006 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YOSHIDA, Kunihisa** [JP/JP]; 83-2, Nishimaeshinden, Uguiura, Yatomi-cho, Ama-gun, Aichi, 4980026 (JP). **TOMONO, Yoshihiro** [JP/JP]; Room 201, Merveille maison, 2-5-3, Hanaosa-cho, Kasugai-shi, Aichi, 4860951 (JP).
- (74) **ASAHINA, Sohta et al.** / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka, 5400012 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G02F
- (11) WO 2005/029162 (13) A2
- (21) PCT/US2004/030160
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 60/503,083 15 Sep/sep 2003 US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • APPLICATIONS OF LIGHT MOVABLE LIQUID CRYSTAL  
• APPLICATIONS DE CRISTAL LIQUIDE POUVANT ETRE DEPLACE SOUS L'EFFET DE LA LUMIERE

(71) REVEO, INC. [US/US]; 3 Westchester Plaza, Elmsford, NY 10523 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FARIS, Sadeg, M. [US/US]; 24 Pontico River Road, Pleasantville, NY 10570 (US).

(74) KIM, Bosco, B.; Reveo, Inc., 3 Westchester Plaza, Elmsford, NY 10523 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02F 1/00, 1/01, 1/03, 1/15, 1/29, 1/153

(11) WO 2005/029163 (13) A1

(21) PCT/US2004/030680

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,695 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FLASH IMAGING DEVICES, METHODS FOR MAKING AND USING THE SAME

• DISPOSITIFS D'IMAGERIE FLASH, PROCÉDES DE FABRICATION ET D'UTILISATION DE CEUX-CI

(71) SEGAN INDUSTRIES, INC. [US/US]; P.O. Box 367, Burlingame, CA 94011-0367 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIBI, Hans, O. [US/US]; P.O. Box 367, Burlingame, CA 94011-0367 (US).

(74) FIELD, Bret, E.; Bozicevic, Field & Francis LLP, 1900 University Avenue, Suite 200, East Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G02F 1/01

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(21) PCT/JP2004/014036

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-325720 18 Sep/sep 2003 JP (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • OPTICAL DEVICE

• DISPOSITIF OPTIQUE

(71) NEC Corporation [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP). KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo, 1058001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71) ICHIHARA, Urara (heirress of the deceased inventor / héritière de l'inventeur décédé) [JP/JP]

(only for / seulement pour US)

(72) ICHIHARA, Katsutarō (deceased / décédé)

(72, 75) ISHIIHARA, Kunihiko [JP/JP] (JP). HATAKOSHI, Genichi [JP/JP] (JP). OHASHI, Keishi [JP/JP]

(74) IKEDA, Noriyasu et al. / etc.; The 3rd Mori Building, 4-10,, Nishishinbashi 1-chome,, Minato-ku, Tokyo, 1050003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02F 1/035

(11) WO 2005/029165 (13) A1

(21) PCT/JP2004/012592

(22) 25 Aug/août 2004 (25.08.2004)

(25) ja (26) ja

(30) 2003-324373 17 Sep/sep 2003 JP (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • OPTICAL MODULATOR

• MODULATEUR OPTIQUE

(71) NGK INSULATORS, LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AOKI, Kenji [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP). MITOMI, Osamu [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP). KONDO, Jungo [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP). KONDO, Atsuo [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP).

(74) HOSODA, Masutoshi et al. / etc.; Akasaka Twin Tower Main Tower 11F, 17-22, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G02F 1/13, 1/1339

(11) WO 2005/029166 (13) A1

(21) PCT/JP2004/012727

(22) 2 Sep/sep 2004 (02.09.2004)

(25) ja (26) ja

(30) 2003-331418 24 Sep/sep 2003 JP (24.09.2003)

(30) 2003-331419 24 Sep/sep 2003 JP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS FOR PRODUCING LIQUID CRYSTAL DISPLAY PANEL AND APPARATUS FOR LIQUID CRYSTAL DISPLAY PANEL PRODUCTION

• PROCÉDE DE PRODUCTION D'ECRAN A CRISTAUX LIQUIDES ET DISPOSITIF POUR PRODUIRE DES ECRANS A CRISTAUX LIQUIDES

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, 5458522 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAIDA, Kazuya [JP/JP]; 3-2-627, Jingu 6-chome, Nara-shi, Nara, 6310804 (JP). IZUMI, Akinori [JP/JP]; 497-3, Kawaimachi, Matsusaka-shi, Mie, 5150818 (JP).

(74) FUKAMI, Hisao et al. / etc.; Fukami Patent Office, Mitsui Sumitomo Bank Minami-morimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 5300054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G02F 1/1335

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(21) PCT/IB2004/051684

(22) 3 Sep/sep 2004 (03.09.2004)

(25) en (26) en

(30) 03103459.8 19 Sep/sep 2003 EP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TRANSFLECTIVE DISPLAY HAVING IMPROVED CONTRAST

• AFFICHEUR TRANSFLECTIF A CONTRASTE AMELIORE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) GOTINK-MEINDERS, Nicole, A., C., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BEEREN, Rudolf, J., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) RAAP, Adriaan, Y.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*(51)<sup>7</sup> G02F 1/1335

(11) WO 2005/029168 (13) A1

(21) PCT/IB2004/051766

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 03103514.0 23 Sep/sep 2003 EP  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LIGHT RECYCLING IN A TRANSFLECTIVE LCD

• RECYCLAGE DE LA LUMIERE DANS UN AFFICHAGE TRANSFLECTIF A CRISTAUX LIQUIDES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) CREUSEN, Martinus, P. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LEENHOUTS, Frans [NL/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HERMENS, Hendrik, C., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) RAAP, Adriaan, Y.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02F 1/1335, 1/1362, G02B 5/02

(11) WO 2005/029169 (13) A1

(21) PCT/IB2004/051784

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) PCT/IB03/04248 22 Sep/sep 2003 IB  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF MANUFACTURING LIQUID CRYSTAL DISPLAY DEVICE

• PROCEDE DE FABRICATION D'UN DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) TANAKA, Hideo [JP/JP]; c/o Philips Japan, Ltd., Philips Bldg., 2-13-37 Kohnan, Minato-ku, Tokyo 108-8507 (JP).

(74) TSUGARU, Susumu et al. / etc.; c/o Philips Japan, Ltd., Philips Bldg., 2-13-37, Kohnan, Minato-ku, Tokyo 108-8507 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02F 1/1347, 1/17

(11) WO 2005/029170 (13) A1

(21) PCT/IB2004/051734

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 0322231.2 23 Sep/sep 2003 GB  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SWITCHABLE TRANSFLECTOR AND TRANSFLECTIVE DISPLAY

• TRANSFLECTEUR COMMUTABLE ET AFFICHEUR TRANSFLECTIF

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) VERHAEGH, Nynke, A., M. [NL/NL]; c/o Philips Intellectual Property &amp; Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB). DE BOER, Dirk, K., G. [NL/NL]; c/o Philips Intellectual Property &amp; Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB). JOHNSON, Mark, T. [GB/NL]; c/o Philips Intellectual Property &amp; Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB). VAN DER HEIJDEN, Bas [NL/NL]; c/o Philips Intellectual Property &amp; Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

(74) WHITE, Andrew, G.; c/o Philips Intellectual Property &amp; Stan, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*(51)<sup>7</sup> G02F 1/17

(11) WO 2005/029171 (13) A1

(21) PCT/IB2004/051731

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en

(26) en



(30) 0322230.4 **23 Sep/sep 2003** GB  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DISPLAY DEVICE WITH SUSPENDED ANISOMETRIC PARTICLES  
• DISPOSITIF AFFICHEUR A PARTICULES ANISOMETRIQUES EN SUSPENSION

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VERHAEGH, Nynke, A., M. [NL/NL]; c/o Philips Intellectual Property & Standards (GB). DE BOER, Dirk, K., G. [NL/NL]; c/o Philips Intellectual Property & Standards (GB). JOHNSON, Mark, T. [GB/NL]; c/o Philips Intellectual Property & Standards (GB). VAN DER HEIJDEN, Bas [NL/NL]; c/o Philips Intellectual Property & Standards (GB).

(74) WHITE, Andrew, G.; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G02F 7/00

(11) WO 2005/029172 (13) A2

(21) PCT/IB2004/051713

(22) 8 Sep/sep 2004 (08.09.2004)

(25) en (26) en

(30) 03103490.3 **22 Sep/sep 2003** EP  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TOUCH INPUT SCREEN USING A LIGHT GUIDE  
• ECRAN TACTILE DE SAISIE AU MOYEN D'UN GUIDE DE LUMIERE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN DELDEN, Martinus, H., W., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). CORNELISSEN, Hugo, J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ELEVELD, Koop, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G03B 7/16, H04N 1/21

(11) WO 2005/029173 (13) A1

(21) PCT/US2004/030004

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 10/662,598 **15 Sep/sep 2003** US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND CAMERA FOR IMAGE CAPTURE  
• PROCEDE ET APPAREIL PHOTO POUR CAPTURE D'IMAGE

(71) POLAROID CORPORATION [US/US]; 1265 Main Street, Waltham, MA 02451 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) KEITH, Laura, E.; 9 Woodchester Drive, Acton, MA 01720 (US). STALLER, Norman, D.; 36 Ober Street, Beverly, MA 01915 (US).

(74) MACCARONE, Gaetano, D.; Polaroid Corporation, 1265 Main Street, Waltham, MA 02451 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G03B 21/14

(11) WO 2005/029174 (13) A1

(21) PCT/JP2004/014463

(22) 24 Sep/sep 2004 (24.09.2004)

(25) ja (26) ja

(30) 2003-331666 **24 Sep/sep 2003** JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LIGHTING DEVICE, IMAGE DISPLAY UNIT AND PROJECTOR  
• DISPOSITIF D'ECLAIRAGE, UNITE D'AFFICHAGE D'IMAGES ET PROJECTEUR

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo 1630811 (JP).

(72) KOJIMA, Hideki; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 3928502 (JP).

(74) KAMIYANAGI, Masataka et al. / etc.; c/o Intellectual Property Division Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 3928502 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G03B 21/14, G02F 1/13

(11) WO 2005/029175 (13) A1

(21) PCT/JP2004/014526

(22) 24 Sep/sep 2004 (24.09.2004)

(25) ja (26) ja

(30) 2003-331576 **24 Sep/sep 2003** JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • OPTICAL APPARATUS AND PROJECTOR  
• APPAREIL OPTIQUE ET PROJECTEUR

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome., Shinjuku-Ku, Tokyo 1630811 (JP).

(72) KITABAYASHI, Masashi; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 3928502 (JP).

(74) KAMIYANAGI, Masataka et al. / etc.; c/o Intellectual Property Division, SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 3928502 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G03B 21/58

(11) WO 2005/029176 (13) A1

(21) PCT/JP2004/012926

(22) 6 Sep/sep 2004 (06.09.2004)

(25) ja (26) ja

(30) 2003-325179 17 Sep/sep 2003 JP (17.09.2003)

(30) 2004-232976 10 Aug/août 2004 JP (10.08.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INSTALLATION STRUCTURE OF PROJECTION SCREEN

• STRUCTURE D'INSTALLATION D'ECRAN DE PROJECTION

(71) OS MFG CO., LTD. [JP/JP]; 1-1-48, Kasugano, Hirakata-shi, Osaka, 5730131 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKUMURA, Masayuki [JP/JP]; c/o OS MFG CO., LTD. 1-1-48, Kasugano, Hirakata-shi, Osaka, 5730131 (JP). KOTERA, Masayuki [JP/JP]; c/o OS MFG CO., LTD. 1-1-48, Kasugano, Hirakata-shi, Osaka, 5730131 (JP). TABUCHI, Yoshimitsu [JP/JP]; c/o OS MFG CO., LTD. 1-1-48, Kasugano, Hirakata-shi, Osaka, 5730131 (JP).

(74) YANAGINO, Takao et al. / etc.; Noskard Building 15-5, Miyahara 1-chome, Yodogawa-ku, Osaka-shi, Osaka, 5320003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G03C 1/04, G03F 7/039, C08F 299/06, 2/50, C08G 18/67

(11) WO 2005/029177 (13) A1

(21) PCT/KR2004/001158

(22) 17 May/mai 2004 (17.05.2004)

(25) en (26) en

(30) 10-2003-0065528 22 Sep/sep 2003 KR (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LIQUID PHOTO SOLDER RESIST COMPOSITION AND PHOTO SOLDER RESIST FILM THEREOF

• COMPOSITION DE PHOTORESIST DE SOUDURE LIQUIDE ET FILM EN PHOTORESIST DE SOUDURE CONÇU A PARTIR DE CELLE-CI

(71) KOLON INDUSTRIES INC. [KR/KR]; Kolon Tower 1-23, Byulyang-dong, Kwachen-city, Kyunggi-do 427-709 (KR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARK, Chan-Hyo [KR/KR]; 202, 704-6, Bokjeong-dong, Sujeong-gu, Sungnam-city, Kyunggi-do 461-200 (KR). MOON, Sung-Bae [KR/KR]; 202-36, Inhoo2-dong, Dukjin-gu, Jeonju-city, Jeonrabuk-do 561-232 (KR). BONG, Dong-Hun [KR/KR]; Samsung Apt., 106-1502, Namgajoa2-dong, Seodaemoon-gu, Seoul 120-122 (KR). CHUNG, Chang-Beom [KR/KR]; LG Village 3rd.314-901, Sungbok-ri, Suji-cup, Yonjin-city, Kyunggi-do 461-200 (KR).

(74) KIM, Nung-Kyun; 6Fl., Taegun Bldg., 822-5., Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G03F

(11) WO 2005/029178 (13) A2

(21) PCT/IL2004/000882

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 60/503,887 22 Sep/sep 2003 US (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A SYSTEM AND METHOD FOR THE DIRECT IMAGING OF COLOR FILTERS

• SYSTEME ET PROCEDE POUR L'IMAGERIE DIRECTE DE FILTRES COULEUR

(71) ORBOTECH LTD. [IL/IL]; P.O. Box 215, 81102 Yavne (IL).

(for all designated States except / pour tous les États désignés sauf US)

(71) FISCH, David [IL/IL]; D.N. Modi'im, 71940 Paduel (IL).

(only for / seulement pour US)

(72, 75) GROSS, Abraham [IL/IL]; 10 Ricanati Street, Apt. 40, 69494 Ramat Aviv (IL). ADIN, Raanan [IL/IL]; 8 Hapardes Street, 55525 Kiryat Ono (IL). KATZIR, Yigal [IL/IL]; 34 Ben Eliezer Street, 75229 Rishon Lezion (IL).

(74) FAIBISCH, Michael; c/o Orbotech Ltd., P.O.Box 215, 81102 Yavne (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G03F

(11) WO 2005/029179 (13) A2

(21) PCT/US2004/004319

(22) 13 Feb/fév 2004 (13.02.2004)

(25) en (26) en

(30) 60/447,116 13 Feb/fév 2003 US (13.02.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMBINED NANOIMPRINTING AND PHOTOLITHOGRAPHY FOR MICRO AND NANO DEVICES FABRICATION

• NANOIMPRESSION ET PHOTOLITHOGRAPHIE COMBINEES DANS LA FABRICATION DE NANODISPOSITIFS ET DE MICRODISPOSITIFS

(71) THE REGENTS OF THE UNIVERSITY OF MICHIGAN [US/US]; Technology Management Office, Wolverine Tower, Room 2071, 3003 S. State Street, Ann Arbor, MI 48109-1280 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUO, Lingjie, J. [CN/US]; 4910 Ravine Ct., Ann Arbor, MI 48105 (US). CHENG, Xing [CN/US]; 1929 Plymouth Road #1012, Ann Arbor, MI 48105 (US).

(74) ERJAVAC, Stanley, M. et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> G03F

(11) WO 2005/029180 (13) A2

(21) PCT/US2004/006443

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 60/451,240 4 Mar/mar 2003 US  
(04.03.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPLICATIONS OF SEMICONDUCTOR  
NANO-SIZED PARTICLES FOR  
PHOTOLITHOGRAPHY

• APPLICATIONS POUR NANOPARTI-  
CULES SEMI-CONDUCTRICES EN  
PHOTOLITHOGRAPHIE

(71) PIXELLIGENT TECHNOLOGIES LLC  
[US/US]; 8119 Heatherton Lane, #204, Vi-  
enna, VA 22180 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) CHEN, Zhiyun [US/US]; c/o Pixelligent  
Technologies Llc, 8119 Heatherton Lane,  
#204, Vienna, VA 22180 (US). FLEET,  
Erin, F. [US/US]; c/o Pixelligent Tech-  
nologies Llc, 8119 Heatherton Lane, #204,  
Vienna, VA 22180 (US). COOPER, Gre-  
gory [US/US]; c/o Pixelligent Technologies  
Llc, 8119 Heatherton Lane, #204, Vienna,  
VA 22180 (US).

(74) FARIS, Robert, W.; Nixon & Vanderhyc  
P.C., 1100 North Glebe Road, Suite 800,  
Arlington, VA 22201-4714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G03F 1/14, 7/20

(11) WO 2005/029181 (13) A2

(21) PCT/IB2004/051669

(22) 2 Sep/sep 2004 (02.09.2004)

(25) en (26) en

(30) 03103511.6 23 Sep/sep 2003 EP  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR  
COMPENSATING FOR THE EFFECTS  
OF GRAVITY ON A PELLICLE USED  
FOR PROTECTING A RETICLE FROM  
CONTAMINATION

• METHODE ET APPAREIL POUR COM-  
PENSER LES EFFETS DE LA GRA-  
VITE SUR UNE PELLICULE UTILISEE  
POUR PROTEGER UN RETICULE  
CONTRE DES CONTAMINATION

(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) LOOS, Marinus, A., D., M. [NL/NL];  
c/o Prof. Holstlaan 6, NL-5656 AA Eind-  
hoven (NL). VONCKEN, Rudolf, M., J.  
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656  
AA Eindhoven (NL).

(74) ROLFES, Johannes, G., A.; Prof. Holstlaan  
6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(51)<sup>7</sup> G03F 1/14, 7/20

(11) WO 2005/029182 (13) A2

(21) PCT/IB2004/051772

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 03103508.2 23 Sep/sep 2003 EP  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR  
PROTECTING A RETICLE USED IN  
CHIP PRODUCTION FROM CONTAM-  
INATION

• PROCEDE ET APPAREIL DE PROTEC-  
TION CONTRE LA CONTAMINATION  
D'UNE RETICULE UTILISEE DANS LA  
FABRICATION DES PUCES

(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) LOOS, Marinus, A., D., M. [NL/NL];  
c/o Prof. Holstlaan 6, NL-5656 AA Eind-  
hoven (NL). VONCKEN, Rudolf, M., J.  
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656  
AA Eindhoven (NL).

(74) ROLFES, Johannes, G., A.; Prof. Holstlaan  
6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(51)<sup>7</sup> G03F 1/14, 7/20

(11) WO 2005/029183 (13) A2

(21) PCT/IB2004/051774

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 03103509.0 23 Sep/sep 2003 EP  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR  
PROTECTING A RETICLE USED IN  
CHIP PRODUCTION FROM CONTAM-  
INATION

• PROCEDE ET APPAREIL DE PROTEC-  
TION CONTRE LA CONTAMINATION  
D'UNE RETICULE UTILISEE DANS LA  
FABRICATION DES PUCES

(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) LOOS, Marinus, A., D., M. [NL/NL];  
c/o Prof. Holstlaan 6, NL-5656 AA Eind-  
hoven (NL). VONCKEN, Rudolf, M., J.  
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656  
AA Eindhoven (NL).

(74) ROLFES, Johannes, G., A.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G03F 7/00

(11) WO 2005/029184 (13) A2

(21) PCT/JP2004/012235

(22) 19 Aug/août 2004 (19.08.2004)

(25) en (26) en

(30) 2003-325953 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • POSITIVE PHOTORESIST COMPOSITION AND RESIST PATTERN FORMATION

- COMPOSITION DE PHOTORESINE POSITIVE ET FORMATION DE MOTIF DE RESINE

(71) TOKYO OHKA KOGYO CO., LTD. [JP/JP]; 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MASUDA, Yasuo [JP/JP]; c/o Tokyo Ohka Lpgyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-0012 (JP). OKUI, Toshiaki [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-0012 (JP).

(74) TANAI, Sumio et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G03F 7/00

(11) WO 2005/029185 (13) A2

(21) PCT/JP2004/013290

(22) 7 Sep/sep 2004 (07.09.2004)

(25) en (26) en

(30) 2003-323575 16 Sep/sep 2003 JP (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LED LIGHTING SOURCE AND LED LIGHTING APPARATUS

- SOURCE ET APPAREIL D'ECLAIRAGE PAR DEL

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 571-8501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) NISHIMOTO, KELJITANIMOTO, Noriyasu SHIMIZU, Masanori NAGAI, Hideo SAITO, Takeshi

(74) NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G03F 7/028

(11) WO 2005/029186 (13) A1

(21) PCT/BR2003/000137

(22) 24 Sep/sep 2003 (24.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LIGHT SENSITIVE COATING COMPOSITIONS USEFUL FOR LITHOGRAPHIC ELEMENTS

- COMPOSITIONS DE REVETEMENT PHOTOSENSIBLES UTILES POUR DES ELEMENTS LITHOGRAPHIQUES

(71) IBF INDÚSTRIA BRASILEIRA DE FILMES LTDA. [BR/BR]; Rua Lauro Muller, 116-10<sup>o</sup> andar, CEP-22290-160 Rio de Janeiro, RJ (BR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARIAS, André, Luiz [BR/BR]; Rua Lauro Muller, 116-10<sup>o</sup> andar, 22290-160 Rio de Janeiro-RJ (BR). ARIAS, Luiz, Nei

[BR/BR]; Rua Lauro Muller, 116-10<sup>o</sup> andar, CEP-22290-160 Rio de Janeiro, RJ (BR). ARIAS, Marjorie [BR/BR]; Rua Lauro Muller, 116 - 10<sup>o</sup> andar, CEP-22290-160 Rio de Janeiro, RJ (BR). PROVENZANO, Mario, Italo [BR/BR]; Rua Lauro Muller, 116 - 10<sup>o</sup> andar, CEP-22290-160 Rio de Janeiro, RJ (BR).

(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA; Caixa Postal 2142, Rua Marquês de Olinda, 70, CEP-22251-040 Rio de Janeiro, RJ (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G03F 7/031

(11) WO 2005/029187 (13) A1

(21) PCT/EP2004/051987

(22) 1 Sep/sep 2004 (01.09.2004)

(25) en (26) en

(30) 03103499.4 22 Sep/sep 2003 EP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PHOTOPOLYMERIZABLE COMPOSITION.

- COMPOSITION PHOTOPOLYMERISABLE

(71) AGFA-GEVAERT [BE/BE]; Septestraat 27, B-2640 Mortsel (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VANDAMME, Marc [BE/BE]; c/o AGFA-GEVAERT, Corporate IP Department 3800, Septestraat 27, B-2640 Mortsel (BE). CALLANT, Paul [BE/BE]; c/o AGFA-GEVAERT, Corporate IP Department 3800, Septestraat 27, B-2640 Mortsel (BE).

(74) AGFA-GEVAERT; Corpoarte IP Department 3800, Septestraat 27, B-2640 Mortsel (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> G03F 7/031  
 (11) WO 2005/029188 (13) A1  
 (21) PCT/JP2004/013677  
 (22) 17 Sep/sep 2004 (17.09.2004)  
 (25) ja (26) ja  
 (30) 2003-331461 24 Sep/sep 2003 JP  
 (24.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • PHOTSENSITIVE ELEMENT, METHOD OF FORMING RESIST PATTERN, AND PROCESS FOR PRODUCING PRINTED WIRING BOARD  
 • ELEMENT PHOTOSENSIBLE, PROCEDE DE FORMATION DE MOTIF DE RESINE ET PROCESSUS DE PRODUCTION DE CARTE DE CIRCUIT IMPRIME  
 (71) HITACHI CHEMICAL CO., LTD. [JP/JP]; 1-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 1630449 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) KUMAKI, Takashi [JP/JP]; c/o Research & Development Center, HITACHI CHEMICAL CO., LTD., 13-1, Higashi-cho 4-chome, Hitachi-shi, Ibaraki 3178555 (JP). MIYASAKA, Masahiro [JP/JP]; c/o Research & Development Center, HITACHI CHEMICAL CO., LTD., 13-1, Higashi-cho 4-chome, Hitachi-shi, Ibaraki 3178555 (JP). ICHIHASHI, Yasuhisa [JP/JP]; c/o Research & Development Center, HITACHI CHEMICAL CO., LTD., 13-1, Higashi-cho 4-chome, Hitachi-shi, Ibaraki 3178555 (JP). ITO, Toshiki [JP/JP]; c/o Research & Development Center, HITACHI CHEMICAL CO., LTD., 13-1, Higashi-cho 4-chome, Hitachi-shi, Ibaraki 3178555 (JP). KAJI, Makoto [JP/JP]; c/o Research & Development Center, HITACHI CHEMICAL CO., LTD., 13-1, Higashi-cho 4-chome, Hitachi-shi, Ibaraki 3178555 (JP).  
 (74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 1040061 (JP).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G03F 7/09, 7/031  
 (11) WO 2005/029190 (13) A1  
 (21) PCT/EP2004/051986  
 (22) 1 Sep/sep 2004 (01.09.2004)  
 (25) en (26) en  
 (30) 03103498.6 22 Sep/sep 2003 EP  
 (22.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • PHOTOPOLYMER PRINTING PLATE PRECURSOR  
 • PRECURSEUR DE PLAQUE D'IMPRESSION PHOTOPOLYMERE  
 (71) AGFA-GEVAERT [BE/BE]; Septestraat 27, B-2640 Mortsel (BE).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) GRIES, Willi-Kurt [DE/BE]; c/o AGFA-GEVAERT, Corporate IP Department 3800, Septestraat 27, B-2640 Mortsel (BE). VANDAMME, Marc [BE/BE]; c/o AGFA-GEVAERT, Corporate IP Department 3800, Septestraat 27, B-2640 Mortsel (BE). VANGAEVER, Frank [BE/BE]; c/o AGFA-GEVAERT, Corporate IP Department 3800, Septestraat 27, B-2640 Mortsel (BE).  
 (74) AGFA-GEVAERT; Corporate IP Department 3800, Septestraat 27, B-2640 Mortsel (BE).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G03F 7/039, C07D 309/12, 311/82, 311/96, C07C 43/23, 69/96, H01L 21/027  
 (11) WO 2005/029189 (13) A1  
 (21) PCT/JP2004/012879  
 (22) 30 Aug/août 2004 (30.08.2004)  
 (25) ja (26) ja  
 (30) 2003-326686 18 Sep/sep 2003 JP  
 (18.09.2003)
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- (51)<sup>7</sup> G03F 7/20  
 (11) WO 2005/029191 (13) A2  
 (21) PCT/FR2004/002226  
 (22) 1 Sep/sep 2004 (01.09.2004)  
 (25) fr (26) fr  
 (30) 0310547 5 Sep/sep 2003 FR  
 (05.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • METHOD AND DEVICE FOR LITHOGRAPHY BY EXTREME ULTRAVIOLET RADIATION  
 • PROCEDE ET DISPOSITIF DE LITHOGRAPHIE PAR RAYONNEMENT DANS L'EXTREME ULTRAVIOLET  
 (71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) CORMONT, Philippe [FR/FR]; 35, rue de la Glacière, F-75013 Paris (FR). THRO, Pierre-Yves [FR/FR]; 2, rue Raoul Dautry, F-91190 Gif-sur-Yvette (FR). VACHER, Charlie [FR/FR]; 9, rue Duviard, F-69004 Lyon (FR).  
 (74) HASSINE, Albert et al. / etc.; Cabinet Plasseraud, 65/67, rue de la Victoire, F-75440 Paris Cedex 09 (FR).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
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- (51)<sup>7</sup> G03F 7/20  
 (11) WO 2005/029191 (13) A2  
 (21) PCT/FR2004/002226  
 (22) 1 Sep/sep 2004 (01.09.2004)  
 (25) fr (26) fr  
 (30) 0310547 5 Sep/sep 2003 FR  
 (05.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • METHOD AND DEVICE FOR LITHOGRAPHY BY EXTREME ULTRAVIOLET RADIATION  
 • PROCEDE ET DISPOSITIF DE LITHOGRAPHIE PAR RAYONNEMENT DANS L'EXTREME ULTRAVIOLET  
 (71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31-33, rue de la Fédération, F-75015 Paris (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) CORMONT, Philippe [FR/FR]; 35, rue de la Glacière, F-75013 Paris (FR). THRO, Pierre-Yves [FR/FR]; 2, rue Raoul Dautry, F-91190 Gif-sur-Yvette (FR). VACHER, Charlie [FR/FR]; 9, rue Duviard, F-69004 Lyon (FR).  
 (74) HASSINE, Albert et al. / etc.; Cabinet Plasseraud, 65/67, rue de la Victoire, F-75440 Paris Cedex 09 (FR).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declaration / Déclaration :  
 (u) for / pour US only / seulement

- (51)<sup>7</sup> G03F 7/20, 9/00, G01B 9/02, 11/02  
 (11) WO 2005/029192 (13) A2  
 (21) PCT/US2004/030051  
 (22) 15 Sep/sep 2004 (15.09.2004)  
 (25) en (26) en  
 (30) 60/502,907 15 Sep/sep 2003 US (15.09.2003)  
 (30) 60/502,930 15 Sep/sep 2003 US (15.09.2003)  
 (30) 60/502,932 15 Sep/sep 2003 US (15.09.2003)  
 (30) 60/502,933 15 Sep/sep 2003 US (15.09.2003)  
 (30) 60/539,437 26 Jan/jan 2004 US (26.01.2004)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • TRIANGULATION METHODS AND SYSTEMS FOR PROFILING SURFACES THROUGH A THIN FILM COATING  
 • PROCEDES DE TRIANGULATION ET SYSTEMES DE PROFILAGE DE SURFACES PAR UN REVETEMENT A FILM MINCE  
 (71) ZYGO CORPORATION [US/US]; 21 Laurel Brook Road, Middlefield, CT 06455-0448 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) DE LEGA, Xavier, Colonna [US/US]; 51 Nutmeg Court, Middletown, CT 06457 (US). DE GROOT, Peter, J. [US/US]; 355 Laurel Grove Road, Middletown, CT 06457 (US). KUTCHEL, Michael [DE/DE]; Keplerstrasse 3, 73447 Oberkochen (DE).  
 (74) FEIGENBAUM, David, L. et al. / etc.; Fish & Richardson, P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G03G  
 (11) WO 2005/029194 (13) A2  
 (21) PCT/US2004/029716  
 (22) 9 Sep/sep 2004 (09.09.2004)  
 (25) en (26) en  
 (30) 10/660,918 13 Sep/sep 2003 US (13.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • REMANUFACTURED TONER CARTRIDGE HAVING MODIFIED ROLLER SECTION  
 • CARTOUCHE TONER REFABRIQUEE AYANT UNE SECTION DE ROULEAU MODIFIEE  
 (71) WAZANA BROTHERS INTERNATIONAL, INC., d/b/a MICRO SOLUTIONS ENTERPRISES [US/US]; 9111 Mason Avenue, Chatsworth, CA 91311 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (71, 72) WAZANA, Yoel [US/US]; 8801 Newcastle Avenue, Northridge, CA 91325 (US). GONZALEZ PEREZ, Jesus [US/US]; 6535 De Soto Avenue, Canoga Park, CA 91303 (US).  
 (74) HOKANSON, Jon E., Esq. et al. / etc.; Coudert Brothers LLP, 333 South Hope Street, Suite 2300, Los Angeles, CA 90071 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G03F 7/20, G01B 9/02, 11/00  
 (11) WO 2005/029193 (13) A2  
 (21) PCT/US2004/030196  
 (22) 15 Sep/sep 2004 (15.09.2004)  
 (25) en (26) en  
 (30) 60/502,932 15 Sep/sep 2003 US (15.09.2003)  
 (30) 60/502,933 15 Sep/sep 2003 US (15.09.2003)  
 (30) 60/502,907 15 Sep/sep 2003 US (15.09.2003)  
 (30) 60/502,930 15 Sep/sep 2003 US (15.09.2003)  
 (30) 60/539,437 26 Jan/jan 2004 US (26.01.2004)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • METHODS AND SYSTEMS FOR INTERFEROMETRIC ANALYSIS OF SURFACES AND RELATED APPLICATIONS  
 • PROCEDES ET SYSTEMES D'ANALYSE INTERFEROMETRIQUE DE SURFACES ET APPLICATIONS ASSOCIEES  
 (71) ZYGO CORPORATION [US/US]; 21 Laurel Brook Road, Middlefield, CT 06455-0448 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) DE GROOT, Peter, J. [US/US]; 355 Laurel Grove Road, Middletown, CT 06457 (US).  
 (74) FEIGENBAUM, David, L. et al. / etc.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G03G 5/047  
 (11) WO 2005/029195 (13) A1  
 (21) PCT/KR2003/001935  
 (22) 22 Sep/sep 2003 (22.09.2003)  
 (25) ko (26) en  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • CHARGE TRANSPORT LAYER COATING LIQUID AND ELECTROPHOTOGRAPHIC PHOTORECEPTOR CONTAINING CHARGE TRANSPORT LAYER MADE USING THE SAME  
 • LIQUIDE DE REVETEMENT DE COUCHE DE TRANSPORT DE CHARGE ET PHOTORECEPTEUR ELECTROPHOTOGRAPHIQUE CONTENANT LADITE COUCHE AINSI ETABLIE  
 (71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Mactan-Dong, Yeongtong-Gu, Suwon-Si, Gyeonggi-Do 443-742 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) KWON, Chang, Hyun [KR/KR]; Mokdong Apt. 1113-103, Shinjung 7-Dong, Yangcheon-Gu, 158-077 Seoul (KR). LEE, Cheon, Seok [KR/KR]; Woosung 4-Danji

402-302, Jungdun-Maul, Jungja 3-Dong, Bundang-Gu, Seongnam-Shi, 463-010 Gyeonggi-Do (KR). LIM, An, Kee [KR/KR]; Jugong Apt. 1003-1206, Sanbon-Dong 1120, Gunpo-Shi, 435-040 Gyeonggi-Do (KR). KIM, Ji, Uk [KR/KR]; Jugong Apt. 404-1101, Dang-Dong, Gunpo-Shi, 435-010 Gyeonggi-Do (KR).

(74) KIM, Hak, Je et al. / etc.; Phoenix International Patent and Law Office, Kwang-whamoon P.O. Box 1828, 110-618 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G03G 9/087, C08L 51/00, 53/00

(11) WO 2005/029196 (13) A1

(21) PCT/JP2004/013870

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 2003-328526 19 Sep/sep 2003 JP (19.09.2003)

(30) 2004-139191 7 May/mai 2004 JP (07.05.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TONER, METHOD FOR PRODUCING THE SAME, IMAGE FORMATION METHOD AND IMAGE FORMATION APPARATUS

• TONER ET SON PROCEDE DE FORMATION, ET PROCEDE ET APPAREIL DE FORMATION D'IMAGE

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SATO, Koichi [JP/JP]; c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). EGUCHI, Ken [JP/JP]; c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).

(74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G03G 15/00, 21/00

(11) WO 2005/029197 (13) A1

(21) PCT/JP2004/013685

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-332487 24 Sep/sep 2003 JP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMAGE FORMING DEVICE

• DISPOSITIF DE FORMATION D'IMAGES

(71) CANON FINETECH INC. [JP/JP]; 5540-11, Sakatemachi, Mitsukaido-shi, Ibaraki, 3038503 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IMAIZUMI, Kazuaki [JP/JP]; c/o Canon Finetech Inc. 5540-11, Sakatemachi, Mitsukaido-shi, Ibaraki, 3038503 (JP).

(74) GOTOH, Takahide; Takanashi Bldg. 403 11-7, Nakamachi-1chome, Machida-shi, Tokyo, 1940021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)<sup>7</sup> G03G 15/16

(11) WO 2005/029198 (13) A1

(21) PCT/IL2003/000772

(22) 25 Sep/sep 2003 (25.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LOW MASS IMPRESSION CYLINDER

• CYLINDRE D'IMPRESSION DE FAIBLE MASSE

(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. [US/US]; 20555 S.H. 249, Houston, TX 77070 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRINBERG, Eli [IL/IL]; 2 Rupin Street, 44209 Kfar-Saba (IL).

(74) FENSTER, Paul et al. / etc.; Fenster & Company, Intellectual Property 2002 LTD., P. O. BOX 10256, 49002 Petach Tikva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G03G 15/20

(11) WO 2005/029199 (13) A1

(21) PCT/JP2004/013440

(22) 15 Sep/sep 2004 (15.09.2004)

(25) ja (26) ja

(30) 2003-323293 16 Sep/sep 2003 JP (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FIXING DEVICE AND FIXING METHOD AND IMAGE FORMING DEVICE

• DISPOSITIF DE FIXATION, PROCEDE DE FIXATION ET DISPOSITIF DE FORMATION D'IMAGE

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka, 5458522 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAGAWA, Toshiaki KIDA, Hiroshi YAMANAKA, Takashi MITSUOKA, Tetsunori

(74) HARA, Kenzo et al. / etc.; HARAKENZO WORLD PATENT & TRADEMARK PATENT LAW FIRM, Daiwa Minamimori-machi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi Osaka, 5300041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G03G 15/20

(11) WO 2005/029200 (13) A1

(21) PCT/US2004/029973

(22) 13 Sep/sep 2004 (13.09.2004)

- (25) en (26) en
- (30) 103 43 708.8 **18 Sep/sep 2003** DE  
(18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MICROWAVE FIXING TONER ON A PRINT  
• MICRO-ONDES FIXANT UN TONER SUR UN TIRAGE
- (71) EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, New York 14650-2201 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BEHNKE, Knut [DE/DE]; Schlotfeldtsberg 18, 24220 Flintbek (DE). MOELLER, Hendrik [DE/DE]; Schindelstrasse 19, 24805 Hamdorf (DE). MORGENWECK, Frank-Michael [DE/DE]; Hamburger Landstrasse 50, 24113 Molfsee (DE). ROHDE, Domingo [DE/DE]; Redderkamp 93, 24111 Kiel (DE). SCHULZE-HAGENEST, Detlef [DE/DE]; Dorfstede 51, 24113 Molfsee (DE).
- (74) EASTMAN KODAK COMPANY; 343 State Street, Rochester, NY 14650-2201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*  
*(t) for all designations / pour toutes les désignations*
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- (51)<sup>7</sup> G03H 1/02, C08G 18/06  
(11) WO 2005/029201 (13) A1  
(21) PCT/JP2004/013591  
(22) 10 Sep/sep 2004 (10.09.2004)  
(25) ja (26) ja  
(30) 2003-323809 **17 Sep/sep 2003** JP  
(17.09.2003)  
(30) 2003-396737 **27 Nov/nov 2003** JP  
(27.11.2003)  
(30) 2004-58640 **3 Mar/mar 2004** JP  
(03.03.2004)
- (30) 2004-72139 **15 Mar/mar 2004** JP  
(15.03.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HOLOGRAPHIC RECORDING MEDIUM, HOLOGRAPHIC RECORDING METHOD, AND HOLOGRAPHIC INFORMATION MEDIUM  
• SUPPORT D'ENREGISTREMENT HOLOGRAPHIQUE, PROCÉDE D'ENREGISTREMENT HOLOGRAPHIQUE ET SUPPORT D'INFORMATIONS HOLOGRAPHIQUE
- (71) KONICA MINOLTA MEDICAL & GRAPHIC, INC. [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP).
- (72) TAKEYAMA, Toshihisa; c/o Konica Minolta Medical & Graphic, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G03H 1/26, G11B 7/0065, 7/135  
(11) WO 2005/029202 (13) A1  
(21) PCT/JP2004/013378  
(22) 14 Sep/sep 2004 (14.09.2004)  
(25) ja (26) ja  
(30) 2003-331884 **24 Sep/sep 2003** JP  
(24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • HOLOGRAPHIC RECORDING METHOD, DEVICE THEREOF, AND HOLOGRAPHIC RECORDING/REPRODUCTION DEVICE  
• PROCÉDE D'ENREGISTREMENT HOLOGRAPHIQUE, DISPOSITIF ASSOCIÉ ET DISPOSITIF D'ENREGISTREMENT/LECTURE HOLOGRAPHIQUE
- (71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TSUKAGOSHI, Takuya [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). YOSHINARI, Jiro [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). MIURA, Hideaki [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). MIZUSHIMA, Tetsuro [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).
- (74) MATSUYAMA, Keisuke et al. / etc.; Minami-Shinjuku Bldg., 10-12, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G04B 15/14, 15/08  
(11) WO 2005/029203 (13) A1  
(21) PCT/CH2004/000562  
(22) 8 Sep/sep 2004 (08.09.2004)  
(25) fr (26) fr  
(30) 03405690.3 **22 Sep/sep 2003** EP  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ESCAPE WHEEL  
• ROUE D'ÉCHAPPEMENT
- (71) ETERNA SA [CH/CH]; Schützengasse 46, P.O. Box 409, CH-2540 Grenchen (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MEIER, Willy [CH/CH]; Rue du Nord 9, CH-2046 Fontaines (CH).
- (74) GLN GRESSET & LAESSER NEUCHÂTEL; Puits-Godet 8A, CH-2000 Neuchâtel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G04B 37/14  
(11) WO 2005/029204 (13) A1  
(21) PCT/IB2004/002972  
(22) 14 Sep/sep 2004 (14.09.2004)  
(25) fr (26) fr  
(30) 1619/03 **22 Sep/sep 2003** CH  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • STRAP ATTACHMENT DEVICE



• DISPOSITIF DE FIXATION D'UN BRACELET

(71) RICHEMONT INTERNATIONAL SA [CH/CH]; 10, route des Biches, CH-1752 Villars-sur-Glane (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CRETIN, Francis [FR/FR]; 2561 Rue de Franche-Comté, F-39220 Bois-d'Amont (FR).

(74) MICHELI, &, CIE; 122, Rue de Genève, Case Postale 61, CH-1226 Thonex (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G04B 45/00

(11) WO 2005/029205 (13) A1

(21) PCT/KR2003/001601

(22) 8 Aug/août 2003 (08.08.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • THE NEW METHOD OF TIME INDICATION AND THE DUAL-STRUCTURED WRISTWATCH ADAPTING THE SAID METHOD

• NOUVEAU PROCEDE D'INDICATION DE L'HEURE ET MONTRE-BRACELET DOUBLE UTILITE METTANT EN OEUVRE LEDIT PROCEDE

(71, 72) LEE, Jeong-Hee [KR/KR]; Hyosan Villa 6-208, 610-1, Myungjang 1-dong, Dongrae-Gu, Busan 607-810 (KR).

(74) SONG, See-Seop; Room 401, 4th floor, Lawin Tower Bldg., 1497-1 Geoje-dong, Yeonje-gu, Busan city 611-070 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G05B 19/00

(11) WO 2005/029206 (13) A1

(21) PCT/EP2004/010275

(22) 15 Sep/sep 2004 (15.09.2004)

(25) de (26) de

(30) 103 43 265.5 17 Sep/sep 2003 DE (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR THE AUTOMATIC DERIVATION OF MAINTENANCE RECOMMENDATIONS

• PROCEDE DE DEDUCTION AUTOMATIQUE DE RECOMMANDATIONS DE MAINTENANCE

(71) FRAMATOME ANP GMBH [DE/DE]; Freylebenstrasse 1, 91058 Erlangen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHRÖTER, Wilfried [DE/DE]; An den Eichen 3, 91077 Dormitz (DE).

SPREHE, Josef [DE/DE]; Quittenweg 32a, 90768 Fürth (DE).

MARSCHNER, Thomas [DE/DE]; Karlsbader Strasse 8, 91325 Adelsdorf (DE).

WÖFFEN, Manfred [DE/DE]; Uhlandstrasse 67, 41238 Mönchengladbach (DE).

BLUME, Klaus-Peter [DE/DE]; Weiherweg 1, 83043 Bad Aibling (DE).

NIEDERMAIER, Erich [AT/DE]; Luitpoldring 38, 85598 Vaterstetten (DE).

WEINRAUCH, Michael [DE/DE]; Erzbergstrasse 23, 64658 Fürth (DE).

GRIEDL, Rainer [AT/DE]; Zipsperweg 18, 84028 Landshut (DE).

(74) TERGAU & POHL; Eschersheimer Landstrasse 26, 60322 Frankfurt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G05B 19/00

(11) WO 2005/029207 (13) A2

(21) PCT/IL2004/000625

(22) 12 Jul/juillet 2004 (12.07.2004)

(25) en (26) en

(30) 10/667,640 22 Sep/sep 2003 US (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONFIGURABLE CONTROLLER

• CONTROLEUR CONFIGURABLE

(71) CREO IL. LTD. [IL/IL]; 3 Hamada Street, P.O. Box 330, 46103 Herzlia B (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURKATOVSKY, Vitaly [IL/IL]; 18 Zvi Frank Street, 75660 Rishon Le Zion (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G05B 19/042

(11) WO 2005/029208 (13) A2

(21) PCT/EP2004/052198

(22) 16 Sep/sep 2004 (16.09.2004)

(25) de (26) de

(30) 10343123.3 16 Sep/sep 2003 DE (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS COMPUTER INTERFACE BASED ON A DESCRIPTIVE LANGUAGE OR MARKUP LANGUAGE, ESPECIALLY XML

• INTERFACE D'ORDINATEUR INDUSTRIEL DONT LE FONCTIONNEMENT EST FONDE SUR UN LANGAGE DESCRIPTIF OU DE BALISAGE, EN PARTICULIER LE LANGAGE XML

(71) BAUMÜLLER ANLAGEN-SYSTEMTECHNIK GMBH & CO. [DE/DE]; Ostendstrasse 84, 90482 Nürnberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MONSE, Mathias [DE/DE]; Blütenstrasse 23, 90480 Nürnberg (DE).

KRAUS, Gunther [DE/DE]; Bulmannstrasse 31, 90459 Nürnberg (DE).

MEIS, Harold [DE/DE]; Pfeifferhütten Weg 24, 90559 Burgthann (DE).

TSCHAFTARY, Thomas [DE/DE]; Vestnertorggraben 5, 90408 Nürnberg (DE).

(74) GÖTZ, Georg; Färberstrasse 20, Postfach 11 92 49, 90402 Nürnberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G05B 19/042, B41F 33/00

(11) WO 2005/029209 (13) A1

(21) PCT/EP2004/006208

(22) 9 Jun/juin 2004 (09.06.2004)

(25) de (26) de

(30) 103 38 982.2 19 Aug/août 2003 DE (19.08.2003)

(30) 103 41 994.2 2 Sep/sep 2003 DE (02.09.2003)

- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CONTROL METHOD FOR PRODUCTION PROCESSES WITH COLOR-RELEVANT PRODUCTS AND PRINTING OUTCOME CONTROL METHOD
- PROCEDE POUR CONTROLER DES PROCESSUS DE PRODUCTION D'ARTICLES FAISANT INTERVENIR DES COULEURS ET PROCEDE POUR CONTROLER DES IMPRESSIONS
- (71) MEDIGRAPH GMBH [DE/DE]; Marienhof-Marienstrasse 37-49, 41836 Hückelhoven-Hilfarth (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PEITZKER, Jörg [DE/DE]; Buchholzer Weg 17, 41189 Herrath (DE).
- (74) REGELMANN, Thomas; Hoeger, Stellrecht & Partner, Uhlandstrasse 14c, 70182 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G05D 11/13
- (11) WO 2005/029210 (13) A1
- (21) PCT/US2004/029980
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 10/662,706 15 Sep/sep 2003 US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD TO BLEND TWO OR MORE FLUIDS
- PROCEDE POUR MELANGER DEUX OU PLUSIEURS FLUIDES
- (71) THE LUBRIZOL CORPORATION [US/US]; 29400 Lakeland Blvd., Wickliffe, Ohio 44092-2298 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72) SMITH, Morris E.; 2945 Pilgrim Mill Road, Cumming, Georgia 30041 (US). RUFF, Albert L.; 758 Creekview Drive, Lawrenceville, Georgia 30044 (US). MITCHELL, Elvis E.; 4446 Sugar Maple Drive, Acworth, Georgia 30101 (US).
- (74) GILBERT, Teresan, W. et al. / etc.; The Lubrizol Corporation, Patent Dept./Mail Drop 022B, 29400 Lakeland Blvd., Wickliffe, Ohio 44092-2298 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G06F
- (11) WO 2005/029212 (13) A2
- (21) PCT/IB2004/003071
- (22) 21 Sep/sep 2004 (21.09.2004)
- (25) en (26) en
- (30) 0322107.4 22 Sep/sep 2003 GB (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MENU SYSTEM
- SYSTEME DE MENU
- (71) WATERLEAF LIMITED [GB/GB]; 1st Floor, 28 Victoria Street, Douglas IM1 2LE (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOSHAL, Martin [ZA/GB]; c/o 69 Athol Street, Douglas, IM1 1JE Isle of Man (VG).
- (74) BOWMAN, GILFILLAN (John & Kernick); P O Box 785812, 2146 Sandton (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F
- (11) WO 2005/029213 (13) A2
- (21) PCT/IB2004/003079
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) en (26) en
- (30) 10/668,054 22 Sep/sep 2003 US (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND SYSTEM FOR WIRELESSLY MANAGING THE OPERATION OF A NETWORK APPLIANCE OVER A LIMITED DISTANCE
- PROCEDE ET SYSTEME PERMETTANT LA GESTION SANS FIL DU FONCTIONNEMENT D'UN APPAREIL DE RESEAU SUR UNE DISTANCE LIMITEE
- (71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SMITH, Gregory, J. [US/US]; 3576 Sunnydays Lane, Santa Clara, CA 95051 (US). SCOTT, Robert, Paxton [US/US]; 655 South Fair Oaks Avenue, # H-104, Sunnyvale, CA 94086 (US).
- (74) BRANCH, John, W. et al. / etc.; Darby & Darby P.C., P.O. Box 5257, New York, NY 10150-5257 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029214 (13) A2

(21) PCT/IL2004/000864

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 158030 21 Sep/sep 2003 IL  
(21.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MODULAR SCANNING SYSTEM FOR CABLING SYSTEMS

- SYSTEME DE BALAYAGE MODULAIRE POUR SYSTEMES DE CABLAGE

(71) RIT TECHNOLOGIES LTD. [IL/IL]; 24 Raoul Wallenberg Street, 69719 Tel Aviv (IL).  
(for all designated States except / pour tous les États désignés sauf US)(72, 75) SHAR, Alex [IL/IL]; 13/2 Hakukia Street, 75548 Rishon Letzion (IL).  
CHERCHES, Barak [IL/IL]; Kibbutz Ramat Hakovesh, 44930 (IL).

(74) EITAN, PEARL, LATZER &amp; CO-HEN-ZEDEK; 2 Gav Yam Center, Shenkar Street 7, P.O. Box 12688, 46725 Herzlia (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029215 (13) A2

(21) PCT/KR2004/002367

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 10-2003-0065249 19 Sep/sep 2003 KR  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF CONTROLLING COMMUNICATION BETWEEN DEVICES IN A NETWORK AND APPARATUS FOR THE SAME

- PROCEDE DE CONTROLE DES COMMUNICATIONS ENTRE DES APPAREILS D'UN RESEAU, ET DISPOSITIF POUR CE PROCEDE

(71) INIMAX CO., LTD. [KR/KR]; C-1804, Daelim Acrotel, 467-6, Dogok2-dong, Gangnam-gu, Seoul 135-971 (KR).  
(for all designated States except / pour tous les États désignés sauf US)(72, 75) SHIN, YongMan [KR/KR]; 613-1205 Jungdeun Maoul, 198-2/5, Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-833 (KR).  
SONG, SeokChul [KR/KR]; 51-1501 Hyundai5cha Apt.,

161-3, Garak-dong, Songpa-gu, Seoul 138-160 (KR). SHIN, YongTae [KR/KR]; Nadong-103 Dongdo Villa, Sangdo-dong, Dongjak-gu, Seoul 156-030 (KR). JU, YongJun [KR/KR]; 632-2404 Sejong Apt., Sanbon-dong, Gunpo-si, Gyeonggi-do 435-040 (KR).

(74) PARK, HeeJin; 401, Miele Haus Building, 607-10, Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029216 (13) A2

(21) PCT/KR2004/002495

(22) 25 Sep/sep 2004 (25.09.2004)

(25) ko (26) en

(30) 10-2003-0066452 25 Sep/sep 2003 KR  
(25.09.2003)(30) 10-2004-0053149 8 Jul/juil 2004 KR  
(08.07.2004)(30) 10-2004-0068356 30 Aug/août 2004 KR  
(30.08.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • THE METHOD OF SAFE CERTIFICATION SERVICE

- METHODE DE SERVICE DE CERTIFICATION SECURITAIRE

(71, 72) HWANG, Jay-Yeob [KR/KR]; 1555 Bunji -joongsan village, doosan apartment 108-708, Ilsan2-Dong Ilsan-Gu, Goyang 411-728 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029217 (13) A2

(21) PCT/SG2004/000309

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 200305550-6 23 Sep/sep 2003 SG  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A METHOD FOR ACCESSING AND DISPLAYING DYNAMIC DATA IN WEB APPLICATION

- PROCEDE DESTINE A ACCEDER ET A AFFICHER DES DONNEES DYNAMIQUES DANS UNE APPLICATION WEB

(71, 72) LOH, Tien Wai [SG/SG]; Apt Blk 4 Sago Lane #04-117, Singapore 050004 (SG).

(74) CLEEVE, James, Harold, Findlay; Lloyd Wise, Tanjong Pagar, P.O. Box 636, Singapore 910816 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G06F

(11) WO 2005/029218 (13) A2

(21) PCT/US2004/028576

(22) 2 Sep/sep 2004 (02.09.2004)

(25) en (26) en

(30) 60/499,630 2 Sep/sep 2003 US  
(02.09.2003)(30) 10/887,624 10 Jul/juil 2004 US  
(10.07.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR STUDYING CELLULAR CHRONOMICS AND CASUAL RELATIONSHIPS OF GENES USING FRACTAL GENOMICS MODELING

- PROCEDE D'ETUDE DES CHRONOMIQUES CELLULAIRES ET DES RELATIONS GENETIQUES FORTUITES PAR MODELISATION GENOMIQUE FRACTALE

(71) HEALTH DISCOVERY CORPORATION [US/US]; 6709 Waters Avenue, Savannah, GA 31406 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) SHAW, Sandy, C.; 111 Commonwealth, San Francisco, CA 94118 (US).

(74) YEUNG, Tin-Chuen; Everest Intellectual Property Law Group, P.O. Box 708, Northbrook, IL 60065 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029219 (13) A2

(21) PCT/US2004/028979

(22) 7 Sep/sep 2004 (07.09.2004)

(25) en (26) en

(30) 60/500,239 5 Sep/sep 2003 US (05.09.2003)

(30) 10/739,132 19 Dec/déc 2003 US (19.12.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • XSTEPS: MODULAR INTERFACE TO A MANUFACTURING CONTROL SYSTEM BACKGROUND

- XSTEPS: INTERFACE MODULAIRE AVEC UN ARRIERE-PLAN DE SYSTEME DE CONTROLE DE FABRICATION

(71) SAP AKTIENGESELLSCHAFT [DE/DE]; Neurottstrasse 16, 69190 Wall-dorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

- (72) DEIMEL, Sabine; Sankt-Wolfgang-Strasse 49, 69231 Malschenberg (DE). MILDENGERBER, Klaus; Claus-von-Stauffenbergstrasse 9, 68163 Mannheim (DE). SCHMIDT, Martin; Zum Hahenschrei 13, 69168 Wiesloch (DE). JAENSCH, Christine; Sofienstrasse 7, 69168 Wiesloch (DE). SEELENMEYER, Sabine; Theodor-Heuss-Strasse 5, 76275 Ettlingen (DE). SCHULER, Matthias; Breslauerstrasse 9, 61968 Wiesloch (DE). SCHEIBER, Christoph; Schubertstrasse 9, 68799 Reilingen (DE).

(74) HAILS, Robert, L.; Kenyon & Kenyon, 1500 K Street, N.W., Suite 700, Washington, DC 20005-1257 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (t) for the following designations / pour les désignations suivantes :

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G06F

(11) WO 2005/029220 (13) A2

(21) PCT/US2004/029193

(22) 3 Sep/sep 2004 (03.09.2004)

(25) en (26) en

(30) 60/502,749 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • GAMING NETWORK FOR USE IN A RESTRICTED-ACCESS PROGRESSIVE GAME

- RESEAU DE JEUX DE HASARD UTILISE DANS UN JEU PROGRESSIF A ACCES RESTREINT

(71) WMS GAMING INC. [US/US]; 800 S. Northpoint Boulevard, Waukegan, Illinois 60085 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) BLOCK, Rory, Lee [US/US]; 1640 E. Guffey Drive, Carson City, Nevada 89704 (US). BLACKBURN, Christopher, W. [US/US]; 2965 Fairwood Drive, Reno, Nevada 89502 (US). JAN, Chih-Hui [—/US]; 6314 Moon Ridge Terrace, Reno, Nevada 89523 (US). RATHSACK, Erhard, Walter [US/US]; 595 Rabbit Ridge Court, Reno, Nevada 89511 (US). SCHWARTZ, Richard, T. [US/US]; 1601 W. School Street, Chicago, Illinois 60657 (US). SIMMERMON, James, P. [US/US]; 4458 Highplains Drive, Reno, Nevada 89503 (US). WARKENTIN, Terry, Dean [US/US]; 72-101 Conestoga Drive, Carson City, Nevada 89706 (US).

(74) BURNHAM, Daniel, J. et al. / etc.; Jenkens & Gilchrist, 225 W. Washington Street, Suite 2600, Chicago, IL 60606-3418 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G06F

(11) WO 2005/029221 (13) A2

(21) PCT/US2004/029254

(22) 3 Sep/sep 2004 (03.09.2004)

(25) en (26) en

(30) 60/500,782 5 Sep/sep 2003 US (05.09.2003)

(30) 10/932,465 U 2 Sep/sep 2004 US (02.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • METHOD, DEVICE AND SYSTEM FOR A MACHINE-READABLE CODE ENABLED DEVICE ENABLING E-COMMERCE TRANSACTIONS

- PROCEDE, DISPOSITIF ET SYSTEME POUR UN DISPOSITIF ACTIVE PAR CODE LISIBLE PAR MACHINE PERMETTANT DES TRANSACTIONS DE COMMERCE ELECTRONIQUE

(71, 72) FOEHR, Oliver [DE/US]; 5413 W. Mercer Way, Mercer Island, WA 98040 (US).

(74) CONARD, Richard, D.; Barnes & Thornburg LLP, 11 South Meridian Street, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029222 (13) A2

(21) PCT/US2004/029395

(22) 9 Sep/sep 2004 (09.09.2004)

- (25) en (26) en
- (30) 60/502,443 12 Sep/sep 2003 US  
(12.09.2003)
- (30) 10/823,157 13 Apr/avr 2004 US  
(13.04.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND SYSTEM FOR THE SPECIFICATION OF INTERFACE DEFINITIONS AND BUSINESS RULES AND AUTOMATIC GENERATION OF MESSAGE VALIDATION AND TRANSFORMATION SOFTWARE
- PROCEDE ET SYSTEME DE SPECIFICATION DE DEFINITIONS D'INTERFACES ET DE REGLES COMMERCIALES ET GENERATION AUTOMATIQUE D'UN LOGICIEL DE TRANSFORMATION ET DE VALIDATION DE MESSAGES
- (71) TELCORDIA TECHNOLOGIES, INC. [US/US]; One Telcordia Drive 5G116, Piscataway, NJ 08854-4157 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) LOTT, Christopher, Martin; 18 Maxwell Court, Morristown, NJ 07960 (US). HARNED, Andrew, J.; 163 Wedgewood Circle, Eatontown, NJ 07724 (US). BAHLER, Lisa, A.; 152 Smoke Rise Road, Basking Ridge, NJ 07920 (US). MICALLEF, Josephine; 78 Midland Blvd., Maplewood, NJ 07040 (US). JAIN, Ashish; 20 Heinrich Way, Bridgewater, NJ 08807 (US). CARUSO, Francesco; 145 Passaic Avenue, Summit, NJ 07901 (US). LONG, Michael; 19 Townly Road, Watertown, MA 02472 (US). ZBIB, Rabih, M.; 806 Old Farm Road, Valhalla, NY 10595 (US). BASSU, Devasis; 57 Oakwood Village, Apt. 9, Flanders, NJ 07836 (US).
- (74) SCHONEMAN, William, A. et al. / etc.; Telcordia Technologies, Inc., One Telcordia Drive 5G116, Piscataway, NJ 08854-4157 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2005/029223 (13) A2
- (21) PCT/US2004/029470
- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) en (26) en
- (30) 10/666,847 18 Sep/sep 2003 US  
(18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND APPARATUS FOR INCREMENTAL CODE SIGNING
- PROCEDE ET APPAREIL PERMETTANT DE SIGNER UN CODE DE MANIERE INCREMENTIELLE
- (71) APPLE COMPUTER, INC. [US/US]; One Infinite Loop, Mail Stop: 38-PAT, Cupertino, CA 95014 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KIEHTREIBER, Perry [AT/US]; 1509 Walnut Drive, Campbell, CA 95008 (US). BROUWER, Michael [NL/US]; 141 Red River Way, San Jose, CA 95136 (US).
- (74) ADELI, Mani; Stattler Johansen & Adeli, P.O. Box 51860, Palo Alto, CA 94303-0728 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2005/029224 (13) A2
- (21) PCT/US2004/029481
- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) en (26) en
- (30) 60/502,477 12 Sep/sep 2003 US  
(12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND SYSTEM FOR DISTRIBUTED CONTENT MANAGEMENT AND DELIVERY
- PROCEDE ET SYSTEME DE GESTION ET DE DISTRIBUTION DE CONTENU REPARTI
- (71) ARKADOS, INC. [US/US]; 948 U.S. Highway #22 East, North Plainfield, NJ 07060 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LOGVINOV, Oleg [US/US]; 27 Beacon Hill Road, East Brunswick, NJ 08816 (US). EBERT, Brion [US/US]; 405 Canal Park, Easton, PA 18042 (US).
- (74) ZONERAICH, Davy, E.; Norris, McLaughlin & Marcus, P.A., P.O. Box 1018, Somerville, NJ 08876-1018 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2005/029225 (13) A2
- (21) PCT/US2004/029546
- (22) 7 Sep/sep 2004 (07.09.2004)
- (25) en (26) en
- (30) 10/661,380 12 Sep/sep 2003 US  
(12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND SYSTEM FOR PROVIDING INTERACTIVE CARDHOLDER REWARDS IMAGE REPLACEMENT
- PROCEDE ET SYSTEME DE REMPLACEMENT INTERACTIF D'IMAGES POUR DES TITULAIRES DE CARTES
- (71) VISA U. S. A. INC [US/US]; 123 Mission Street, San Francisco, California 94105 (US). VISA INTERNATIONAL SERVICE ASSOCIATION [US/US]; 900 Metro Center Boulevard, Foster City, California 94404 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) NGUYEN, Loc [US/US]; 590 6th Street, Apt. 204, San Francisco, California 94103 (US). SHIMKO, Bryan [US/US]; 24138 North 76th Place, Scottsdale, Arizona 85255 (US). REDFORD, Liane [US/US]; 1323 Darlene Avenue, San Mateo, California 94403 (US). GORDON, James G. [AU/AU]; 25 Brabyn Street, Eastwood, New South Wales 2122 (AU). MADORE, Kim [CA/CA]; 238 Walkerville Road, Markham, Ontario L6B 1B6 (CA). BLACK, Marc [US/US]; 1877 Yorkshire Avenue, St. Paul, Minnesota 55116 (US). MAZOUR, James [US/US]; 8931 Minnehaha Circle

- North, St. Louis Park, Minnesota 55426 (US). **SALTERS, Michael** [US/US]; 5446 Vinewood Lane, Plymouth, Minnesota 55442 (US).
- (74) **YOUNG, Brian, N. et al. / etc.**; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, California 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> **G06F**  
(11) **WO 2005/029226** (13) A2  
(21) PCT/US2004/029601  
(22) **10 Sep/sep 2004 (10.09.2004)**  
(25) en (26) en  
(30) 10/661,853 **12 Sep/sep 2003** US  
(12.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • **SLANT-TYPE GAMING MACHINE**  
• MACHINE DE JEU DE HASARD DU TYPE A PENTE  
(71) **COLE INDUSTRIES** [US/US]; P.O.Box 364149, North Las Vegas, NV 89036 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) **COLE, Joseph, W.** [US/US]; 7104 Via Campanile Avenue, Las Vegas, NV 89131 (US).  
(74) **WEIDE, Scott, R.**; Weide & Miller, Ltd., Bank West Building, 5th Floor, Suite 530, 7251 West Lake Mead Blvd., Las Vegas, NV 89128 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F**  
(11) **WO 2005/029227** (13) A2  
(21) PCT/US2004/029688  
(22) **13 Sep/sep 2004 (13.09.2004)**
- (25) en (26) en  
(30) 60/502,297 **12 Sep/sep 2003** US  
(12.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • **SYSTEM AND METHOD FOR AUTHENTICATION**  
• SYSTEME ET PROCEDE D'AUTHENTIFICATION  
(71) **CYOTA INC.** [US/US]; 1350 Avenue of the Americas, New York, NY 10029 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) **GOLAN, Lior**; 12 Harcabi Street, 67329 Tel Aviv (IL). **ORAD, Amir** [IL/IL]; 43V Mizpe, P.O. Box 4718, 73142 Shoham (IL).  
(74) **POLLACK, Caleb**; Eitan, Pearl, Latzer & Cohen Zedek, L.L.P., 10 Rockefeller Plaza, Suite 1001, New York, NY 10020 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F**  
(11) **WO 2005/029228** (13) A2  
(21) PCT/US2004/029693  
(22) **13 Sep/sep 2004 (13.09.2004)**  
(25) en (26) en  
(30) 10/663,378 **17 Sep/sep 2003** US  
(17.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • **EMPIRICAL SCHEDULING OF NETWORK PACKETS**  
• PLANIFICATION EMPIRIQUE DE PAQUETS DE RESEAU  
(71) **RIVULET COMMUNICATIONS INC.** [US/US]; Box 1245, Portsmouth, NH 03801 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) **ROGERS, Steven, A.** [US/US]; 75 Rochester Avenue, Portsmouth, NH 03801 (US).  
(74) **WRIGHT, Bradley, C.**; Banner & Witcoff, Ltd., Eleventh Floor, 1001 G Street N.W., Washington, D.C. 20001-4597 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F**  
(11) **WO 2005/029230** (13) A2  
(21) PCT/US2004/029720  
(22) **10 Sep/sep 2004 (10.09.2004)**  
(25) en (26) en  
(30) 10/665,723 **18 Sep/sep 2003** US  
(18.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • **MULTIMEDIA-CAPABLE COMPUTER MANAGEMENT SYSTEM FOR SELECTIVELY OPERATING A PLURALITY OF COMPUTERS**  
• SYSTEME DE GESTION D'ORDINATEURS MULTIMEDIA PERMETTANT L'EXPLOITATION SELECTIVE DE PLUSIEURS ORDINATEURS  
MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F**  
(11) **WO 2005/029229** (13) A2  
(21) PCT/US2004/029702  
(22) **9 Sep/sep 2004 (09.09.2004)**  
(25) en (26) en  
(30) 10/661,229 **12 Sep/sep 2003** US  
(12.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • **GAMING DEVICE HAVING A CARD MANAGEMENT SYSTEM FOR THE MANAGEMENT OF CIRCULATING DATA CARDS**  
• DISPOSITIF DE JEUX DE HASARD A SYSTEME DE GESTION DE CARTES PERMETTANT DE GERER DES CARTES DE DONNEES EN CIRCULATION  
(71) **IGT** [US/US]; 9295 Prototype Drive, Reno, NV 89521 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72) **HEDRICK, Joseph, R.**; 13355 West Saddlebow Drive, Reno, NV 89511 (US). **LOW, Michael, N.**; 3217 Herons Landing Drive, Reno, NV 89502 (US). **WELLS, William**; 4450 Rio Encantado Lane, Reno, NV 89502 (US).  
(74) **SMITH, Renato, L. et al. / etc.**; Bell, Boyd & Lloyd LLC, P.O. Box 1135, Chicago, IL 60690-1135 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F**  
(11) **WO 2005/029230** (13) A2  
(21) PCT/US2004/029720  
(22) **10 Sep/sep 2004 (10.09.2004)**  
(25) en (26) en  
(30) 10/665,723 **18 Sep/sep 2003** US  
(18.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • **MULTIMEDIA-CAPABLE COMPUTER MANAGEMENT SYSTEM FOR SELECTIVELY OPERATING A PLURALITY OF COMPUTERS**  
• SYSTEME DE GESTION D'ORDINATEURS MULTIMEDIA PERMETTANT L'EXPLOITATION SELECTIVE DE PLUSIEURS ORDINATEURS

(71) RIIP, INC. [US/US]; 400 Cottontail Lane, Somerset, NJ 08873 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIAW, Yee [US/US]; 141 Mountain View Rd., Warren, NJ 07059 (US). GLIN-SKI, Lech [US/US]; Box 255, Morris Plains, NJ 07950 (US).

(74) HILL, David, M.; Ward & Olivo, 708 Third Avenue, New York, NY 10017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029231 (13) A2

(21) PCT/US2004/029730

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 60/502,436 12 Sep/sep 2003 US (12.09.2003)

(30) 10/937,933 10 Sep/sep 2004 US (10.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RISK IDENTIFICATION SYSTEM AND METHODS

• SYSTEME ET PROCEDES D'IDENTIFICATION DE RISQUES

(71) MOEBS SERVICES, INC. [US/US]; 21 N. Skokie Highway, Suite 204, Lake Bluff, IL 60044 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOEBS, G., Michael [US/US]; 1140 Highland Avenue, Lake Forest, IL 60045 (US). WILLIAMS, Kenneth, A. [US/US]; 235 Gillett Avenue, Waukegan, IL 60085 (US).

(74) VALAUSKAS, Charles, C.; Baniak Pine & Gannon, Suite 1200, 150 N. Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029232 (13) A2

(21) PCT/US2004/029824

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 10/665,033 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DYNAMIC COST NETWORK ROUTING

• ROUTAGE RESEAU A ETABLISSEMENT DYNAMIQUE DES COUTS

(71) TELECORDIA TECHNOLOGIES, INC. [US/US]; One Telcordia Drive, Piscataway, NJ 08854-4157 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) GUPTA, Sanyogita; 8 Colasurdo Court, Edison, NJ 08820 (US). HERBERT, Chad; 49 Milburn Drive, Hillsborough, NJ 08844 (US). DUDLEY, David; 19 Barry Road, Plymouth, CT 06782 (US). IYER, Srividya; 23 Aberdeen Circle, Flemington, NJ 08822 (US).

(74) FARBANISH, Glen, R. et al. / etc.; Telcordia Technologies, Inc., One Telcordia Drive 5G116, Piscataway, NJ 08854-4157 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029233 (13) A2

(21) PCT/US2004/029861

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 10/662,495 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRONIC FUND TRANSFER KIOSK FOR USE WITH WAGERING GAMING MACHINE

• TERMINAL INTERACTIF DE TRANSFERT DE FONDS ELECTRONIQUE DESTINE A ETRE UTILISE AVEC UNE MACHINE DE JEU

(71) IGT [US/US]; 9295 Prototype Drive, Reno, Nevada 89521 (US).

(72) CHAMBERLAIN, John, W.; 1335 Buzzy Ranch Road, Carson City, Nevada 89701 (US). SAFFARI, Mohamad, Ali; 2440 Catamaran Drive, Reno, Nevada 89509 (US). HOLLIBAUGH, Larry, R.; 725 Silver Mine Court, Reno, Nevada 89511 (US).

(74) SMITH, Renato, L. et al. / etc.; Bell, Boyd & Lloyd LLC, P.O. Box 1135, Chicago, Illinois 60690-1135 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029234 (13) A2

(21) PCT/US2004/029866

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/666,883 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METADATA DATABASE LOOKUP SYSTEM

• SYSTEME DE RECHERCHE DE BASE DE DONNEES DE METADONNEES

(71) AMERICA ONLINE, INC. [US/US]; 22000 AOL Way, Dulles, VA 20166 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) SANIN, Aleksey; 1220 Vinente Drive #D, Sunnyvale, CA 94086 (US).

(74) GLENN, Michael, A. et al. / etc.; Glenn Patent Group, 3475 Edison Way, Suite L, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029235 (13) A2

(21) PCT/US2004/029873

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 60/502,746 12 Sep/sep 2003 US (12.09.2003)

(30) 10/935,930 8 Sep/sep 2004 US (08.09.2004)

- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SEAMLESS SCALING OF MULTIPLE APPLIANCES  
• MISE A L'ECHELLE EN CONTINU DE PLUSIEURS APPAREILS
- (71) MIRRA, INC. [US/US]; Suite 450, 150 Mathilda Place, Sunnyvale, CA 94086 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) BUCHER, Tim; 1230 Brentwood Street, Los Altos, CA 94024 (US). SULLIVAN, Tim; 4 Morro Vista Lane, Portola Valley, CA 94028 (US).
- (74) ISRAELEN, R., Burns et al. / etc.; Workman Nydegger, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F  
(11) WO 2005/029236 (13) A2  
(21) PCT/US2004/029926  
(22) 15 Sep/sep 2004 (15.09.2004)  
(25) en (26) en  
(30) 10/663,029 15 Sep/sep 2003 US (15.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ELECTRONIC CARD GAME AND METHOD  
• JEU DE CARTES ELECTRONIQUE ET PROCEDE ASSOCIE
- (71) MERIT INDUSTRIES, INC. [US/US]; 2525 State Road, Bensalem, PA 19020 (US).
- (72) KARN, Jeff; 1894 Mulberry Lane, Warrington, PA 18976 (US). WALSH, Chris; 2098 Butler Pike, E2, Plymouth Meeting, PA 19462 (US).
- (74) SIMMONS, John, D. et al. / etc.; Akin Gump Strauss Hauer & Feld LLP, One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F  
(11) WO 2005/029238 (13) A2  
(21) PCT/US2004/029952  
(22) 13 Sep/sep 2004 (13.09.2004)  
(25) en (26) en  
(30) 10/661,364 12 Sep/sep 2003 US (12.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MULTI-MEDIA GAMING PRINTER  
• IMPRIMANTE DE JEU DE SUPPORTS MULTIPLES
- (71) FUTURELOGIC, INC. [US/US]; 425 East Colorado St., Suite 100, Glendale, CA 92054 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) MEYERHOFER, Eric; 1030 Shafer Street, Oceanside, CA 92054 (US). DYMOVSKY, Oleg; 2328 Hercules Drive, Los Angeles, CA 20046 (US). MEYERHOFER, Mark; 5228 Escalante Drive, La Canada, CA 91011 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- HILBERT, John; 3619 W. 187th Street, Torrance, CA 90504 (US).
- (74) CIRE, Frank, L. et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F  
(11) WO 2005/029239 (13) A2  
(21) PCT/US2004/029965  
(22) 13 Sep/sep 2004 (13.09.2004)  
(25) en (26) en  
(30) 10/661,046 12 Sep/sep 2003 US (12.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • INDIVIDUALIZED LEARNING SYSTEM  
• SYSTEME D'APPRENTISSAGE INDIVIDUALISE
- (71) CYBER CAMPUS & TEST ACE, LLC [US/US]; 101 North Clematis Street, Suite #507, West Palm Beach, FL 33401 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BENEVENTO, Francis, A., II [US/US]; 101 North Clematis Street, Suite #507, West Palm Beach, FL 33401 (US).
- (74) LAZAR, Dale et al. / etc.; 1775 Wiehle Avenue, Suite 400, Reston, VA 20190-5159 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F  
(11) WO 2005/029240 (13) A2  
(21) PCT/US2004/030006  
(22) 15 Sep/sep 2004 (15.09.2004)  
(25) en (26) en  
(30) 10/662,738 15 Sep/sep 2003 US (15.09.2003)



- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SYSTEM AND METHOD FOR PROCESSING CURRENCY AND IDENTIFICATION CARDS IN A DOCUMENT PROCESSING DEVICE
- SYSTEME ET PROCEDE DE TRAITEMENT DE BILLET'S ET DE CARTES D'IDENTIFICATION DANS UN DISPOSITIF DE TRAITEMENT DE DOCUMENTS
- (71) CUMMINS-ALLISON CORP. [US/US]; 891 Feehanville Drive, Mount Prospect, IL 60056 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) JONES, William, J. [US/US]; 280 Pottect Avenue, Barrington, IL 60010 (US).  
MENNIE, Douglas, U. [US/US]; 229 Wood Street, Barrington, IL 60010 (US).  
JENRICK, Charles, P. [US/US]; 3338 N. Paulina #2S, Chicago, IL 60657 (US).  
KLEIN, Robert, J. [US/US]; 2901 N. Wolcott, #G, Chicago, IL 60657 (US).  
HALLOWELL, Curtis, W. [US/US]; 1417 E. Reynolds Drive, Palatine, IL 60067 (US).
- (74) KITCH, Paul, R. et al. / etc.; Jenkins & Gilchrist, a Professional Corporation, 225 W. Washington Street, Suite 2600, Chicago, IL 60606-3418 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2005/029242 (13) A2
- (21) PCT/US2004/030034
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 60/502,764 12 Sep/sep 2003 US (12.09.2003)
- (30) 60/555,280 22 Mar/mar 2004 US (22.03.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SYSTEM FOR MONITORING AND MANAGING BODY WEIGHT AND OTHER PHYSIOLOGICAL CONDITIONS INCLUDING ITERATIVE AND PERSONALIZED PLANNING, INTERVENTION AND REPORTING CAPABILITY
- SYSTEME DE SURVEILLANCE ET DE GESTION DU POIDS DU CORPS ET D'AUTRES ETATS PHYSIOLOGIQUES COMPRENANT UN PROGRAMME INTERACTIF ET PERSONNALISE ET DES CAPACITES D'INTERVENTION ET DE RAPPORT
- (71) BODYMEDIA, INC. [US/US]; 4 Smithfield Street, Suite 1200, Pittsburgh, PA 15222 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) PACIONE, Christopher; 1217 Filson Street, Pittsburgh, PA 15212 (US).  
MENKE, Steve; 659 Blue Spruce Drive, Mars, PA 16046 (US).  
ANDRE, David; 3565 Gerber Avenue, Pittsburgh, PA 15212 (US).  
TELLER, Eric; 5857 Douglas Street, Pittsburgh, PA 15217 (US).  
SAFIER, Scott; 507 Gettysburg Street, Pittsburgh, PA 15206 (US).  
PELLETIER, Raymond; 1617 El Paso Street, Pittsburgh, PA 15206 (US).  
HANDEL, Mark; 546 Pebblewood Court, Pittsburgh, PA 15237 (US).  
FARRINGDON, Jonathan; 5567 Hobart Street, 3rd Floor, Pittsburgh, PA 15217 (US).  
HSIUNG, Eric; 1523 Asbury Place, Pittsburgh, PA 15217 (US).  
VISHNUBHATLA, Suresh; 847 Hill Crest Circle, Wexford, PA 15090 (US).  
HANLON, James; 1297 Royal Park boulevard, Library, PA 15129 (US).  
STIVORIC, John, M.; 1411 Hawthorne Street, Pittsburgh, PA 15201 (US).  
SPRUCE, Neal; 5436 Indian Trail Court, Westlake Village, CA 91362 (US).  
SHASSBERGER, Steve; 5404 Katherine Street, Simi Valley, CA 93063 (US).
- (74) FRIEDMAN, Barry, I. et al. / etc.; Metz Lewis LCC, 11 Stanwix Street, 18th Floor, Pittsburgh, PA 15222 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declarations / Déclarations :
- (s) for all designations / pour toutes les désignations
- (t) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> G06F
- (11) WO 2005/029241 (13) A2
- (21) PCT/US2004/030029
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 60/502,620 15 Sep/sep 2003 US (15.09.2003)
- (30) 60/511,649 17 Oct/oct 2003 US (17.10.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • AUTOMATED SAFE SECURE TECHNIQUES FOR ELIMINATING UNDEFINED BEHAVIOR IN COMPUTER SOFTWARE
- TECHNIQUES AUTOMATISEES SURES ET SECURISEES PERMETTANT D'ELIMINER UN COMPORTEMENT NON DEFINI DANS UN LOGICIEL INFORMATIQUE
- (71, 72) PLUM, Thomas, S. [US/US]; 3 Waihona Box 44610, Kamauela, HI 96743 (US).
- (74) FRIEDMAN, Barry, I. et al. / etc.; Metz Lewis LCC, 11 Stanwix Street, 18th Floor, Pittsburgh, PA 15222 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declarations / Déclarations :
- (s) for all designations / pour toutes les désignations
- (t) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> G06F
- (11) WO 2005/029244 (13) A2
- (21) PCT/US2004/030065
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en

- (30) 10/662,639 **15 Sep/sep 2003** US  
(15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • INTEGRATION OF WIRELESS AND EXTERNAL COMPUTING DEVICES  
• INTEGRATION DE DISPOSITIFS DE CALCUL EXTERNES ET SANS FIL
- (71) AT & T WIRELESS SERVICES, INC. [US/US]; 7277 164th Ave. NE, Redmond, WA 98502 (US).
- (72) WHITE, Christopher, A.; Redmond, WA 98052 (US). WAUGHMAN, Russell, J.; Woodinville, WA 98072 (US). BERRETTA, Gregg, J.; Bellevue, WA 98006 (US).
- (74) MIRHO, Charles, A.; 112 W. 37th St., Vancouver, WA 98660 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G06F
- (11) WO 2005/029246 (13) A2
- (21) PCT/US2004/030087
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 60/502,735 **12 Sep/sep 2003** US  
(12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • TETHERED STYLYUS FOR USE WITH A CAPACITANCE-SENSITIVE TOUCHPAD  
• STYLET ATTACHE S'UTILISANT AVEC UN PAVE TACTILE SENSIBLE A LA CAPACITANCE
- (71) CIRQUE CORPORATION [US/US]; 2463 South 3850 West, Suite A, Salt Lake City, UT 84120 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TAYLOR, Brian [US/US]; 15 Rollingwood Lane, Sandy, UT 84092 (US). LEE, Daniel, Joseph [US/US]; 1970 Laird Drive, Salt Lake City, UT 84105 (US). GLAD, Paul [US/US]; 4151 Morris Street, Taylorsville, UT 84109 (US).
- (74) O'BRYANT, David, W. et al. / etc.; Morriss O'Bryant Compagni, P.C., 136 South Main Street, Suite 700, Salt Lake City, UT 84101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G06F
- (11) WO 2005/029245 (13) A2
- (21) PCT/US2004/030074
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 10/665,860 **17 Sep/sep 2003** US  
(17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHODS AND APPARATUS FOR MONITORING LOCAL NETWORK TRAFFIC ON LOCAL NETWORK SEGMENTS AND RESOLVING DETECTED SECURITY AND NETWORK MANAGEMENT PROBLEMS OCCURRING ON THOSE SEGMENTS  
• PROCEDES ET APPAREILS PERMETTANT DE SURVEILLER LE TRAFIC DE RESEAUX LOCAUX SUR DES SEGMENTS DE RESEAUX LOCAUX ET DE RESOUDRE DES PROBLEMES DE SECURITE ET DE GESTION DE RESEAU DETECTES AYANT LIEU SUR CES SEGMENTS
- (71) CLEAR2NET, INC. [US/US]; Suite 8, 21801 Stevens Creek Boulevard, Cupertino, CA 95014 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BARTAS, John [US/US]; 10203 Lebanon Drive, Cupertino, CA 95014 (US).
- (74) BOYS, Donald, R.; P.O. Box 187, Aromas, CA 95004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G06F
- (11) WO 2005/029247 (13) A2
- (21) PCT/US2004/030139
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 10/663,571 **15 Sep/sep 2003** US  
(15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COMPUTER SYSTEMS AND METHODS FOR PLATFORM INDEPENDENT PRESENTATION DESIGN  
• SYSTEMES ET PROCEDES INFORMATIQUES POUR CONCEPTION DE PRESENTATION INDEPENDANTE DE LA PLATE-FORME
- (71) PIC WEB SERVICES, INC. [US/US]; 7511 Norton Avenue #5, West Hollywood, CA 90046 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ZLATANOV, Teodor, Zlatkov [US/US]; 16 Marietta Avenue, Braintree, MA 02184 (US). FURLONG, Christopher [US/US]; 7511 Norton Avenue #5, West Hollywood, CA 90046 (US).
- (74) LOVEJOY, Brett et al. / etc.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G06F
- (11) WO 2005/029248 (13) A2
- (21) PCT/US2004/030157
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 10/663,009 **15 Sep/sep 2003** US  
(15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SYSTEMS AND METHODS FOR PROCESSING DATA  
• SYSTEMES ET PROCEDES DE TRAITEMENT DE DONNEES
- (71) VARIAN MEDICAL SYSTEMS TECHNOLOGIES, INC. [US/US]; 3100 Hansen Way, Palo Alto, CA 94304-1038 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MORF, Daniel [CH/CH]; Kirchstr. 19, CH-8414 Buch am Irchel (CH).
- (74) MEI, Peter, C. et al. / etc.; Bingham McCutchen LLP, Three Embarcadero Center, Suite 1800, San Francisco, CA 94111-4067 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029249 (13) A2

(21) PCT/US2004/030167

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/481,380 15 Sep/sep 2003 US (15.09.2003)

(30) 10/708,004 2 Feb/fév 2004 US (02.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SECURE NETWORK SYSTEM AND ASSOCIATED METHOD OF USE

• SYSTEME DE RESEAU SECURISE ET PROCEDE D'UTILISATION ASSOCIE

(71) ANEXSYS, L.L.C.; 300 South Riverside Plaza, 4th Floor, Chicago, IL 60670 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DICKELMAN, Mark, J. [US/US]; 2117 Bannockburn, Inverness, IL 60067 (US). RAMSAMOOJ, Prakash [US/US]; 7553 Harrington Lane, Bradenton, FL 34202 (US).

(74) KERCHER, Kevin, M.; Blackwell Sanders Peper Martin LLP, 24th Floor, 720 Olive Street, St. Louis, MO 63101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029250 (13) A2

(21) PCT/US2004/030177

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,608 16 Sep/sep 2003 US (16.09.2003)

(30) 10/941,366 14 Sep/sep 2004 US (14.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COLLABORATIVE INFORMATION SYSTEM FOR REAL ESTATE, BUILDING DESIGN, CONSTRUCTION AND FACILITY MANAGEMENT AND SIMILAR INDUSTRIES

• SYSTEME DE DONNEES COMMUN POUR L'IMMOBILIER, LA CONCEPTION DES BATIMENTS, LA

CONSTRUCTION ET LA GESTION DES AMENAGEMENTS ET LES INDUSTRIES SIMILAIRES

(71) MERIDIAN PROJECT SYSTEMS [US/US]; 1180 Iron Point Road, Suite 300, Folsom, CA 95630 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ING, David [GB/CA]; 1310 29th Street, West Vancouver, British Columbia V7V 4M6 (CA). BROWN, John [CA/CA]; 2999 St. Georges, North Vancouver, British Columbia V7V 1V1 (CA). TOWERT, David [CA/CA]; 729 Geddes Road, Roberts Creek, British Columbia V0N 2W6 (CA). CHAMBERLAIN, Casey [CA/CA]; 308-1918 York Avenue, Vancouver, British Columbia V3J 1E3 (CA). ZHANG, Ming [CA/CA]; #1706-950 Cambie Street, Vancouver, British Columbia V6B 5X5 (CA). QUEENAN, Peter [CA/CA]; 11-3800 Plateau Blvd., Coquitlam, British Columbia V3E 3L6 (CA). KENT, Tim [CA/CA]; 1144 W. Keith Road, North Vancouver, British Columbia V7P 1Y7 (CA). GRAMER, Dan [US/US]; 9111 183rd Court NE, Redmond, WA 98052 (US). FLIP-PANCE, Daniel [GB/CA]; #1006, 1188 Richards Street, Vancouver, British Columbia V6B 3E6 (CA). VELJOVIC, Milan [CA/CA]; 5855 Elsom Avenue, Burnaby, British Columbia V5H 3A1 (CA). BODROZIC, John [US/US]; 1263 Crocker Drive, El Dorado Hills, CA (US).

(74) LEAL, Peter, R.; DLA Piper Rudnick Gray Cary LLP, 2000 University Avenue, East Palo Alto, CA 94303-2248 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029251 (13) A2

(21) PCT/US2004/030180

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,190 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ENABLING PROXY SERVICES USING REFERRAL MECHANISMS

• AUTORISATION DE SERVICES PROXY AU MOYEN DE MECANISMES D'INDICATIONS CLIENTS

(71) NEOPATH NETWORKS, INC. [US/US]; 3945 Freedom Circle, Suite 300, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IYENGAR, Anand [US/US]; 4306 Collins CT., #204, Mountain View, CA

94041 (US). WONG, Thomas, K. [US/US]; 1118 Mataro Ct., Pleasanton, CA 94566 (US). TSIRIGOTIS, Panagiotis [GR/US]; 1575 Tenaka Pl., #D-5, Sunnyvale, CA 94087 (US). CHAWLA, Rajeev [US/US]; 5819 Carmel Way, Union City, CA 94587 (US). LIU, Zuwei [CN/US]; 10224 Santa Clara Avenue, Cupertino, CA 95014 (US). SEITZ, Matthew [US/US]; 273 Moraga Way, San Jose, CA 95119 (US). SIMPKINS, Richard, A. [US/US]; 801 Church Street, #1118, Mountain View, CA 94041 (US).

(74) CARTWRIGHT, Dorian et al. / etc.; Fenwick & West LLP, Silicon Valley Center, 801 California Street, Mountain View, CA 94041 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029252 (13) A2

(21) PCT/US2004/030208

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,278 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EXECUTING CLINICAL PRACTICE GUIDELINES

• EXECUTION DE DIRECTIVES DE PRAIQUÉ CLINIQUE

(71) IDX SYSTEMS CORPORATION [US/US]; 40 IDX Drive, Burlington, VT 05402-1070 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAM, Prabhu [US/US]; 13409 SE 52nd Street, Bellevue, WA 98006 (US). BERG, Dave, R. [US/US]; 4152 Meridian St., #105-244, Bellingham, WA 98226 (US). THRUN, John, M. [US/US]; 1818 Blaine Avenue NE, Renton, WA 98056 (US). WU, Bing [CN/US]; 2101 N. 106th St., #B204, Seattle, WA 98133 (US). TAUNK, Chandresh [IN/US]; 13702 NE 9th Place, #A1-308, Bellevue, WA 98005 (US). ABARBANEL, Robert, M. [US/US]; 10217 NE Garibaldi Loop, Bainbridge Island, WA 98110 (US). MANSFIELD, James, G. [US/US]; 2623 201st Place SE, Bothell, WA 98012 (US).

(74) CHIEN, Colleen, V. et al. / etc.; Fenwick & West, LLP, 801 California Street, Mountain View, CA 94041 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029253 (13) A2

(21) PCT/US2004/030225

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/504,165 18 Sep/sep 2003 US  
(18.09.2003)

(30) 10/841,229 7 May/mai 2004 US  
(07.05.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND SYSTEM FOR  
POLLING AND CACHING EMAILS  
FOR AN ELECTRONIC DEVICE

• PROCEDE ET SYSTEME D'APPEL  
SELECTIF ET DE CACHE DE COUR-  
RIERS ELECTRONIQUES POUR UN  
DISPOSITIF ELECTRONIQUE

(71) VULCAN PORTALS INC. [US/US]; 505  
5th Avenue South, Suite 900, Seattle, Wash-  
ington 98104 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BUDD, Robin [US/US]; 5630 40th Ave-  
nue West, Seattle, Washington 98199 (US).  
JONES, Christopher, W. [US/US]; 3255  
Northeast 100th Street, Seattle, Washington  
98125 (US).

(74) DE GUZMAN, Dennis, M. et al. / etc.; Seed  
Intellectual Property Law Group PLLC, Suite  
6300, 701 Fifth Avenue, Seattle, Washington  
98104-7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029254 (13) A2

(21) PCT/US2004/030270

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/503,429 16 Sep/sep 2003 US  
(16.09.2003)

(30) 60/503,422 16 Sep/sep 2003 US  
(16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD, SYSTEM AND PROGRAM  
FOR CREDIT RISK MANAGEMENT  
UTILIZING CREDIT LIMITS

• PROCEDE SYSTEME ET PRO-  
GRAMME DE GESTION DES RISQUES  
LIES AU CREDIT, RECOURANT A LA  
LIMITATION DES CREDITS

(71) ROME CORPORATION; 1601 South  
Mopac Expressway, Suite 250, Austin, TX  
78746 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72) MIRI, John; 2712 Little Elm Trail, Cedar  
Park, TX 78613 (US). HEATH, Corey;  
310 West 13th Street, Houston, TX 77008  
(US). SILHAVY, Mark; 1711 Magnolia,  
Richmond, TX 77469 (US). ABASSI, Mis-  
bah; 5722 Spanish Oak Drive, Houston, TX  
77066 (US). KAISHARIS, Paul; 3907 N.  
Bank Court, Missouri City, TX 77459 (US).  
HAYNIE, Cynthia; 1628 Elgin, Houston,  
TX 77004 (US). REID, Dan; 1304 Har-  
vard, Houston, TX 77008 (US). BELSHAW,  
Jarod; 9321 Bradner Drive, Austin, TX  
78748 (US). FARLEY, Samuel, Jesse;  
7416 Dallas Drive, Austin, TX 78759 (US).  
HENDRICKS, Colin; 2050 Milford Street,  
Houston, TX 77098 (US).

(74) YUDELL, Craig; Dillon & Yudell LLP,  
8911 North Capital of Texas Highway, Suite  
2110, Austin, TX 78759 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029255 (13) A2

(21) PCT/US2004/030281

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,121 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MOBILE ELECTRONIC TRANS-  
ACTION SYSTEM, DEVICE AND  
METHOD THEREFOR

• SYSTEME DE TRANSACTION ELEC-  
TRONIQUE MOBILE, DISPOSITIF ET  
PROCEDE ASSOCIE

(71, 72) HOMEIER-BEALS, Thomas, E.  
[US/US]; 30561 Minton, Livonia, MI 48150  
(US).

(74) WEINTRAUB, Arnold, S.; The Weintraub  
Group, P.L.C., 32000 Northwestern Hwy,  
Suite 240, Farmington Hills, MI 48334 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G06F

(11) WO 2005/029256 (13) A2

(21) PCT/US2004/030287

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/662,893 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND SYSTEM FOR PLUG  
AND PLAY INSTALLATION OF NET-  
WORK ENTITIES IN A MOBILE WIRE-  
LESS INTERNET

• PROCEDE ET SYSTEME POUR INS-  
TALLATION PRETE A TOURNER  
D'ENTITES DE RESEAU DANS UN  
INTERNET SANS FIL MOBILE

(71) TELCORDA TECHNOLOGIES, INC.  
[US/US]; One Telcordia Drive 5G116, Pis-  
cataway, NJ 08854-4157 (US). KABUSHIKI  
KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura  
1-chome, Minato-ku., Tokyo 105-8001 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72) VAKIL, Faramak; 411 Cardinal Lane, Bed-  
minster, NJ 07921 (US). BYUNGSUK, Kim;  
308 Smith Court, Edgewater, NJ 07020 (US).  
MADHANI, Sunil; 320 South Street, Apt.  
18-1, Morristown, NJ 07960 (US). VAN, Den,  
Berg, Eric; 1128 Bloomfield Street, Apt.2,  
Hoboken, NJ 07030 (US). BABA, Shinichi;  
453 Santa Louisa, Irvine, CA 92606 (US).

(74) SCHONEMAN, William, A.; Telcordia  
Technologies, Inc., One Telcordia Drive  
5G116, Piscataway, NJ 08854-4157 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029257 (13) A2

(21) PCT/US2004/030297

(22) 16 Sep/sep 2004 (16.09.2004)

- (25) en (26) en
- (30) 10/665,200 **19 Sep/sep 2003** US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DISAMBIGUATION METHOD AND APPARATUS  
• PROCEDE ET DISPOSITIF DE DESAMBIGUISATION
- (71) AIRTX, INC. [US/US]; Suite 315, 1900 South Norfolk Street, San Mateo, CA 94403 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) EBRAHIMI, Ali [US/US]; 217 Central Avenue, Half Moon Bay, CA 94019 (US).
- (74) SAMPLES, Kenneth, H. et al. / etc.; Fitch, Even, Tabin & Flannery, Suite 1600, 120 South LaSalle Street, Chicago, IL 60603 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2005/029259 (13) A2
- (21) PCT/US2004/030345
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 60/503,299 **15 Sep/sep 2003** US  
(15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND SYSTEM FOR USING REWARD POINTS TO LIQUIDATA PRODUCTS  
• PROCEDE ET SYSTEME POUR L'UTILISATION DE POINTS DE RECOMPENSE POUR LA LIQUIDATION DE PRODUITS
- (71, 72) POSTREL, Richard [US/US]; 5244 North Bay Road, Miami Beach, FL 33140 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (74) BARKUME, Anthony, R.; 20 Gateway Lane, Manorville, NY 11949 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2005/029258 (13) A2
- (21) PCT/US2004/030318
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 60/503,684 **16 Sep/sep 2003** US  
(16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • USER INTERFACE FOR REMOTE CONTROL OF MEDICAL DEVICES  
• INTERFACE UTILISATEUR POUR LA COMMANDE A DISTANCE DE DISPOSITIFS MEDICAUX
- (71) STEREO TAXIS, INC. [US/US]; A corporation of the state of Delaware, 4041 Forest Park Avenue, St. Louis, MI 63108 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) VISWANATHAN, Raju [IN/US]; 4041 Forest Park Avenue, St. Louis MO 63108 (US). BLUME, Walter, M. [US/US]; 446 Oak Avenue, Webster Groves, MO 63119 (US). RAUCH, John [US/US]; 6952 Hill-land Avenue, St. Louis, MO 63109 (US). GARIBALDI, Jeffrey, M. [US/US]; 3519 Burgundy Way Estate Drive, St. Louis, MO 63129 (US).
- (74) WHEELOCK, Bryan, K.; Harness, Dickey & Pierce, P.L.C., Suite 400, 7700 Bonhomme Avenue, St. Louis, MO 63105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2005/029260 (13) A2
- (21) PCT/US2004/030373
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 10/665,096 **17 Sep/sep 2003** US  
(17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • APPARATUS AND METHOD FOR DISTRIBUTED CONTROL OF MEDIA DISSEMINATION  
• APPAREIL ET PROCEDE DE GESTION REPARTI DE LA DISSEMINATION DE MEDIA
- (71) WEGENER COMMUNICATIONS, INC. [US/US]; 1130 Technology Circle, Duluth, GA 30097 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PLACEK, Robert A. [US/US]; 12460 Crabapple Rd., Suite 202-143, Alpharetta, GA 30044 (US). SIMYON, Jeffrey A. [US/US]; 11375 Ridge Hill Drive, Alpharetta, GA 30022 (US).
- (74) HALDIMAN, Robert C.; Husch & Eppenberger, L.L.C., 190 Carondelet Plaza, St. Louis, MO 63105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2005/029261 (13) A2
- (21) PCT/US2004/030399
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/503,627 **17 Sep/sep 2003** US  
(17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A PROCESSING DEVICE SECURITY MANAGEMENT AND CONFIGURATION SYSTEM AND USER INTERFACE  
• SYSTEME DE CONFIGURATION ET DE GESTION DE SECURITE POUR DISPOSITIF DE TRAITEMENT ET INTERFACE UTILISATEUR
- (71) SIEMENS MEDICAL SOLUTIONS HEALTH SERVICES CORPORATION [US/US]; 51 Valley Stream Parkway, Malvern, PA 19355 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SNYDER, Domonic [US/US]; 1269 Ellsworth Drive, Whitehall, PA 18052 (US).
- (74) BURKE, Alexander, J. et al. / etc.; Siemens Corporation, Intellectual Property Dept., 170 Wood Avenue South, Iselin, NJ 08830 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> G06F  
(11) WO 2005/029262 (13) A2  
(21) PCT/US2004/030409  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) en (26) en  
(30) 10/665,880 19 Sep/sep 2003 US (19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • A METHOD FOR GENERATING OPTIMIZED CONSTRAINT SYSTEMS FOR RETIMABLE DIGITAL DESIGNS  
• PROCEDE DE GENERATION DE SYSTEMES DE CONTRAINTE OPTIMISES DANS DES DISPOSITIFS NUMERIQUES REGLABLES  
(71) CADENCE DESIGN SYSTEMS, INC. [US/US]; 2655 Seely Avenue, San Jose, CA 95134 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72) GIDON, Alexander; Lessingstr. 39, 85757 Karlsfeld (DE). KNAPP, David; 1063 Morse Avenue #21305, Sunnyvale, CA 94089 (US).  
(74) GLENN, Michael, A. et al. / etc.; Glenn Patent Group, 3475 Edison Way, Suite L, Menlo Park, CA 94025 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F  
(11) WO 2005/029263 (13) A2  
(21) PCT/US2004/030414  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) en (26) en  
(30) 60/481,402 19 Sep/sep 2003 US (19.09.2003)  
(30) 10/707,509 18 Dec/déc 2003 US (18.12.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • FRAUD DETECTION IN A POSTAGE SYSTEM  
• DETECTION DE FRAUDE DANS UN SYSTEME D'AFFRANCHISSEMENT  
(71) PITNEY BOWES INC. [US/US]; 1 Elm-croft Road, Stamford, CT 06926 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72) RYAN, Frederick, W., Jr.; 4 Naples Lane, Oxford, CT 06478 (US). HAMMELL, Bradley, R.; 235 A Berkeley Road, Fairfield, CT 06825 (US). KETAN, Anuja, S.; 12 Belinsky Circle, Oxford, CT 06478 (US).
- 
- (74) MEYER, Robert, E.; Pitney Bowes Inc., 35 Waterview Drive, Shelton, CT 06484 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
Declaration / Déclaration :  
*(s) for all designations / pour toutes les désignations*
- 
- (51)<sup>7</sup> G06F  
(11) WO 2005/029264 (13) A2  
(21) PCT/US2004/030421  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) en (26) en  
(30) 60/504,583 19 Sep/sep 2003 US (19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • TRACKING SYSTEMS AND METHODS  
• SYSTEMES ET PROCEDES DE POURSUITE  
(71) ALPHATECH, INC. [US/US]; Six New England Executive Park, Burlington, MA 01803-5012 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) ETTINGER, Gil, J. [US/US]; Burlington, MA (US). ANTONE, Matthew [US/US]; Burlington, MA (US). GRIMSON, Eric, L. [US/US]; Burlington, MA (US).  
(74) GAUTHIER, Robert, W. Foley, Hoag & Eliot LLP; Patent Group, Foley Hoag LLP, 155 Seaport Boulevard, Boston, MA 02210-2698 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F  
(11) WO 2005/029265 (13) A2  
(21) PCT/US2004/030422  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) en (26) en  
(30) 60/481,401 19 Sep/sep 2003 US (19.09.2003)  
(30) 10/707,508 18 Dec/déc 2003 US (18.12.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • SYSTEM AND METHOD FOR PREVENTING DUPLICATE PRINTING IN A WEB BROWSER  
• SYSTEME ET PROCEDE POUR EVITER L'IMPRESSION EN DOUBLE DANS UN NAVIGATEUR WEB  
(71) PITNEY BOWES, INC. [US/US]; 1 Elm-croft Road, Stamford, CT 06926 (US).  
(72) RYAN, Frederick, W., Jr.; 4 Naples Lane, Oxford, CT 06478 (US). HAMMELL, Bradley, R.; 235A Berkeley Road, Fairfield, CT 06825 (US). KETAN, Anuja, S.; 12 Belinsky Circle, Oxford, CT 06478 (US).  
(74) MEYER, Robert, E.; Pitney Bowes Inc., 35 Waterview Drive, Shelton, CT 06484 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
Declaration / Déclaration :  
*(s) for all designations / pour toutes les désignations*
- 
- (51)<sup>7</sup> G06F  
(11) WO 2005/029266 (13) A2  
(21) PCT/US2004/030424  
(22) 16 Sep/sep 2004 (16.09.2004)  
(25) en (26) en  
(30) 10/665,978 19 Sep/sep 2003 US (19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • APPARATUS AND METHOD FOR PRESENTATION OF PORTABLY-STORED CONTENT ON AN HIGH-DEFINITION DISPLAY  
• APPAREIL ET PROCEDE POUR PRESENTER SUR UN AFFICHAGE HAUTE DEFINITION UN CONTENU STOCKE SUR UN DISPOSITIF DE STOCKAGE PORTABLE  
(71) ROKU, LLC [US/US]; 399 Sherman Avenue, Suite 12, Palo Alto, CA 94306 (US). WOOD, Anthony, John [US/US]; 399 Sherman Avenue, Suite 12, Palo Alto, CA 94306 (US). WOODWARD, Donald, Robert, Jr. [US/US]; 154 Gramercy Drive, San Mateo, CA 94402 (US). SHANNON, Douglas, Glen [US/US]; 29 Moonbeam Drive, Mountain View, CA 94043 (US). SLETTEN, Daniel [US/US]; 659 Fox Ct., E., Redwood City, CA 94061 (US). ELLIS, Patrick, Michael [US/US]; 659 Fox Ct. E., Redwood City, CA 94061 (US). GARNER, Gregory, Mack [US/US]; 19352 Hilton Road, Springdale,

AR 72764 (US). **KOBB, Michael, Joseph** [US/US]; 2800 Belmont Canyon Road, Belmont, CA 94002-1231 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(74) **BACKUS, Kenneth, R., Jr.** et al. / etc.; Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306-2155 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) **WO 2005/029267** (13) A2

(21) PCT/US2004/030465

(22) **16 Sep/sep 2004 (16.09.2004)**

(25) en (26) en

(30) 60/504,165 **18 Sep/sep 2003** US (18.09.2003)

(30) 10/841,231 **7 May/mai 2004** US (07.05.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND SYSTEM FOR EMAIL SYNCHRONIZATION FOR AN ELECTRONIC DEVICE  
• PROCEDE ET SYSTEME DE SYNCHRONISATION DE COURRIER ELECTRONIQUE POUR UN DISPOSITIF ELECTRONIQUE

(71) **VULCAN PORTALS INC.** [US/US]; 505 5th Avenue South, Suite 900, Seattle, Washington 98104 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BUDD, Robin** [US/US]; 5630 40th Avenue West, Seattle, Washington 98199 (US).  
**JONES, Christopher, W.** [US/US]; 3255 Northeast 100th Street, Seattle, Washington 98125 (US).

(74) **DE GUZMAN, Dennis, M.** et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, Washington 98104-7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) **WO 2005/029268** (13) A2

(21) PCT/US2004/030472

(22) **16 Sep/sep 2004 (16.09.2004)**

(25) en (26) en

(30) 60/503,758 **16 Sep/sep 2003** US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AUTOMATED MAILING INTERFACE RESPONSIVE TO PATRON TRIGGERS  
• INTERFACE AUTOMATIQUE DE PUBLIPOSTAGE REPENDANT A DES EVENEMENTS DECLENCHEURS PROPRES A DES USAGERS

(71) **ACRES GAMING INCORPORATED** [US/US]; Suite 150, 7115 Amigo Street, Las Vegas, NV 89119 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KASTNER, Steven, R.** [US/US]; Suite 150, 7115 Amigo Street, Las Vegas, NV 89119 (US).

(74) **SCHAFFER, Scott, A.** et al. / etc.; Marger Johnson & McCollom P.C., 1030 SW Morrison Street, Portland, OR 97205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) **WO 2005/029269** (13) A2

(21) PCT/US2004/030477

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 60/504,459 **19 Sep/sep 2003** US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MANUAL USER DATA ENTRY METHOD AND SYSTEM  
• PROCEDE ET SYSTEME D'ENTREE MANUELLE DE DONNEES D'UTILISATEUR

(71, 72) **LEWAK, Stanislaw** [US/US]; 4954 Sun Valley Road, Del Mar, CA 92014 (US).

(74) **BOLING, William, C.** et al. / etc.; Jaquez & Associates, 6265 Greenwich Drive, Suite 100D, San Diego, CA 92122 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

*(s) for all designations / pour toutes les désignations*

*(t) for all designations / pour toutes les désignations*

*(u) for / pour US only / seulement*

(51)<sup>7</sup> G06F

(11) **WO 2005/029270** (13) A2

(21) PCT/US2004/030503

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 60/504,336 **19 Sep/sep 2003** US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • JOINT CONSUMPTION OF CONTENT INVITATION METHODS AND APPARATUS  
• UTILISATION COMMUNE DE PROCEDES ET APPAREILS D'INVITATION A DES CONTENUS

(71) **WILD TANGENT, INC.** [US/US]; 18578 NE 67th Court, Redmond, WA 98052 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SHEA, Matthew, T.** [US/US]; 6217 112th Ave SE, Bellevue, WA 98006 (US).  
**COOPER, Michael, J.** [GB/US]; 14237 SE 157th Place, Renton, WA 98058 (US).

(74) **AUYEUNG, Ai et al.** / etc.; Schwabe, Williamson & Wyatt, P.C., 1211 SW Fifth Avenue, Stes. 1600-1900, Portland, OR 97204-3795 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

*(u) for / pour US only / seulement*

(51)<sup>7</sup> G06F

(11) **WO 2005/029271** (13) A2

(21) PCT/US2004/030543

(22) **16 Sep/sep 2004 (16.09.2004)**

(25) en (26) en

- (30) 10/664,673 **18 Sep/sep 2003** US  
(18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND APPARATUS TO FACILITATE CONDUCTING AN INTERNET PROTOCOL SESSION USING PREVIOUS SESSION PARAMETER(S)  
• PROCEDE ET DISPOSITIF PERMETTANT LA MISE EN OEUVRE D'UNE SESSION DE PROTOCOLE INTERNET AU MOYEN D'UN OU DE PLUSIEURS PARAMETRES D'UNE SESSION PRECEDENTE
- (71) **UTSTARCOM, INCORPORATED** [US/US]; 1275 Harbor Bay Parkway, Alameda, CA 94502 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BORELLA, Michael** [US/US]; 805 Cumberland Court, Naperville, IL 60565 (US). **ALEX, Arun** [IN/US]; 236 Cedarfield Drive, Bartlett, IL 60103 (US).
- (74) **SAMPLES, Kenneth, H.** et al. / etc.; Fitch, Even, Tabin & Flannery, 120 South LaSalle, Suite 1600, Chicago, IL 60603 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F**
- (11) **WO 2005/029273** (13) A2
- (21) PCT/US2004/030588
- (22) **15 Sep/sep 2004 (15.09.2004)**
- (25) en (26) en
- (30) 60/503,934 **16 Sep/sep 2003** US  
(16.09.2003)
- (30) 10/941,787 **14 Sep/sep 2004** US  
(14.09.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND SYSTEM FOR CONTROLLING VIDEO MEDIA  
• PROCEDE ET SYSTEME DE COMMANDE D'UN CONTENU VIDEO
- (63) US 60/503,934 (CON)  
16 Sep/sep 2003 (16.09.2003)
- (71) **MEDIA RIGHTS TECHNOLOGIES** [US/US]; 55 River Street, Ste. 200, Santa Cruz, CA 95060 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **RISAN, Hank** [US/US]; 515 Washington Street, Santa Cruz, California 95060 (US). **FITZGERALD, Edward, Vincent** [US/US]; 100 Peach Terrace, Santa Cruz, CA 95060 (US).
- (74) **GALLENSON, Mavis, S.** et al. / etc.; 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-5679 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F**
- (11) **WO 2005/029272** (13) A2
- (21) PCT/US2004/030548
- (22) **15 Sep/sep 2004 (15.09.2004)**
- (25) en (26) en
- (30) 60/503,511 **15 Sep/sep 2003** US  
(15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND DEVICE FOR DATA PROTECTION AND SECURITY IN A GAMING MACHINE  
• PROCEDE ET DISPOSITIF POUR LA PROTECTION ET LA SECURITE DE DONNEES DANS UNE MACHINE DE JEU
- (71) **ACRES GAMING INCORPORATED** [US/US]; 7115 Amigo Street, Suite 150, Las Vegas, NV 89119 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FORBES, Mark, G.** [US/US]; 815 Northwest 9th Street, Corvallis, OR 97330 (US). **RIEGELMANN, Robert, A.** [US/US]; 815 Northwest 9th Street, Corvallis, OR 97330 (US).
- (74) **SCHAFFER, Scott, A.** et al. / etc.; Marger Johnson & McCollom P.C., 1030 SW Morrison St., Portland, OR 97205 (US).
- (63) US 60/503,429 **16 Sep/sep 2003** US  
(16.09.2003)
- (63) US 60/503,422 **16 Sep/sep 2003** US  
(16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD, SYSTEM AND PROGRAM FOR CREDIT RISK MANAGEMENT UTILIZING CREDIT EXPOSURE  
• PROCEDE, SYSTEME ET PROGRAMME DE GESTION DU RISQUE CREDIT SE BASANT SUR DES FACTEURS DE RISQUE DE CREDIT
- (71) **ROME CORPORATION**; 1601 South Mopac Expressway, Suite 250, Austin, TX 78746 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **MIRI, John**; 2712 Little Elm Trail, Cedar Park, TX 78613 (US). **HEATH, Corey**; 310 West 13th Street, Houston, TX 77008 (US). **SILHAVY, Mark**; 1711 Magnolia, Richmond, TX 77469 (US). **ABASSI, Misbah**; 5722 Spanish Oak Drive, Houston, TX 77066 (US). **MECHE, Eddie**; 17311 Hill Lakes Ct., Cypress, TX 77429 (US). **HAYNIE, Cynthia**; 1628 Elgin, Houston, TX 77004 (US). **REID, Dan**; 1304 Harvard, Houston, TX 77008 (US). **BELSHAW, Jarod**; 9321 Bradner Drive, Austin, TX 78748 (US). **FARLEY, Samuel, Jesse**; 7416 Dallas Drive, Austin, TX 78759 (US). **HENDRICKS, Colin**; 2050 Milford Street, Houston, TX 77098 (US). **KAISHARIS, Paul**; 3907 N. Bank Court, Missouri City, TX 77459 (US).
- (74) **YUDELL, Craig**; Dillon & Yudell LLP, 8911 North Capital of Texas Highway, Suite 2110, Austin, TX 78759 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F**
- (11) **WO 2005/029275** (13) A2
- (21) PCT/US2004/030630
- (22) **20 Sep/sep 2004 (20.09.2004)**
- (25) en (26) en
- (30) 60/504,354 **19 Sep/sep 2003** US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LEVERAGING INFORMATIONAL ASSETS ACROSS MULTIPLE BUSINESS UNITS  
• OPTIMISATION D'ACTIFS INFORMATIONNELS SUR PLUSIEURS ENTITES COMMERCIALES
- (71) **THOMSON GLOBAL RESOURCES AG** [US/US]; Metro Center @ One Station Place, Stamford, CT 06902 (US).



(for all designated States except / pour tous les États désignés sauf US)

- (71, 72) **RHYNE, Joseph, C.** [US/US]; 10 Quaker Lane, Little Silver, NJ 07739 (US). **HALL, Stephen** [US/US]; 30 Loading Place Road, Manchester, MA 01944 (US). **CROWHURST, Christopher** [GB/US]; 1701 Whitehall Road, Whitehall, MD 21161 (US). **FUCA, Francis, L., J.** [CA/US]; 904 Laurel Avenue, St. Paul, MN 55104 (US). **WOLFF, Christopher, T.** [US/US]; 1148 Schooner Way, Woodbury, MN 55125 (US).

- (74) **MCCRACKIN, Ann, M. et al. / etc.;** P.O. Box 2938, Minneapolis, MN 55402 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029276 (13) A2

(21) PCT/US2004/030635

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,481 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • METHOD FOR COMPETITIVE PRESCRIPTION DRUG AND/OR BIDDING SERVICE PROVIDER SELECTION

- PROCEDE DE SELECTION CONCURRENTIELLE D'UN MEDICAMENT PRESCRIT ET/OU D'UN PRESTATAIRE DE SERVICE DEPOSANT UNE SOUMISSION

- (71) **TAG, LLC** [US/US]; 5770 Kumbier Road, Pickett, WI 54964 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (71, 72) **KALIES, Ralph, F.** [US/US]; 5770 Kumbier Road, Pickett, WI 54964 (US).

- (74) **WAGNER, Alan, E.;** Whyte Hirschboeck Dudek S.C., 555 East Wells Street, Suite 1900, Milwaukee, WI 53202-3312 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029277 (13) A2

(21) PCT/US2004/030683

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/666,848 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • WIRELESS LAN MANAGEMENT

- GESTION DE RESEAU LOCAL SANS FIL

- (71) **TRAPEZE NETWORKS** [US/US]; 5753 W. Las Positas Blvd., Pleasanton, CA 94588 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72) **THOMSON, Allan;** 3256 Sylvaner Court, Pleasanton, CA 94566 (US). **SRINIVAS, Sudhir;** Hoyt Street, Fremont, CA 94539 (US).

- (74) **MEHRA, Shailesh;** Perkins Coie LLP, 101 Jefferson Drive, Menlo Park, CA 94025 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029278 (13) A2

(21) PCT/US2004/030684

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/667,136 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • WIRELESS LAN MEASUREMENT FEEDBACK

- RETROACTION DES MESURES D'UN RESEAU LOCAL SANS FIL

- (71) **TRAPEZE NETWORKS** [US/US]; 5753 W. Las Positas Blvd., Pleasanton, CA 94588 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72) **THOMSON, Allan;** 3256 Sylvaner Court, Pleasanton, CA 94566 (US). **SRINIVAS, Sudhir;** Hoyt Street, Fremont, CA 94539 (US). **BUGWADIA, Jamsheed;** 564 Weybridge Drive, San Jose, CA 95123 (US). **KISHAN, Padumane;** 34428 Calgary Terrace, Fremont, CA 94555 (US).

- (74) **MEHRA, Shailesh;** Perkins Coie LLP, 101 Jefferson Drive, Menlo Park, CA 94025 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029279 (13) A2

(21) PCT/US2004/030697

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/503,756 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • METHOD AND APPARATUS FOR AWARDDING INDIVIDUAL OR GROUP POINT MULTIPLICATION

- PROCEDE ET APPAREIL PERMETTANT D'ATTRIBUER UNE MULTIPLICATION DE POINTS A TITRE INDIVIDUEL OU COLLECTIF

- (71) **ACRES GAMING INCORPORATED** [US/US]; 7115 Amigo Street, Suite 150, Las Vegas, NV 89119 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **BARTHOLOMEW, Robert, P.** [US/US]; 815 NW 9th Street, Corvallis, OR 97330 (US).

- (74) **SCHAFFER, Scott, A. et al. / etc.;** Marger Johnson & McCollom PC, 1030 SW Morrison Street, Portland, OR 97205 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029280 (13) A2

(21) PCT/US2004/030700

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,443 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • PERFORMING SEQUENCE ANALYSIS AS A MULTIPART PLAN STORING INTERMEDIATE RESULTS AS A RELATION
- ANALYSE SEQUENTIELLE INTERVENANT DANS UN PLAN A PLUSIEURS PARTIES POUR L'ENREGISTREMENT DE RESULTATS INTERMEDIAIRES EN TANT QUE RELATION
- (71) **NETEZZA CORPORATION** [US/US]; 200 Crossing Boulevard, Framingham, MA 01701 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ZANE, Barry, M.** [US/US]; 4 Cobblestone Circle, Wayland, MA 01778 (US).  
**DIXIT, Sanjay, G.** [IN/US]; 50 Deerfoot Road, Southborough, MA 01772 (US).  
**TAMMISSETTI, Venkannababu** [IN/US]; 23 Farmington Drive, Shrewsbury, MA 01545 (US).
- (74) **THIBODEAU, David, J., Jr.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F**
- (11) **WO 2005/029281** (13) A2
- (21) PCT/US2004/030701
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) en (26) en
- (30) 60/504,306 **17 Sep/sep 2003** US  
(17.09.2003)
- (30) 60/508,404 **3 Oct/oct 2003** US  
(03.10.2003)
- (30) 10/944,495 **16 Sep/sep 2004** US  
(16.09.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CONTENT MANAGEMENT SYSTEM FOR CREATING AND MAINTAINING A DATABASE OF INFORMATION UTILIZING USER EXPERIENCES
- SYSTEME DE GESTION DE CONTENU POUR LA CREATION ET LE MAINTIEN D'UNE BASE DE DONNEES D'INFORMATION FAISANT APPEL AUX EXPERIENCES DES UTILISATEURS
- (71) **INVOLVE TECHNOLOGY, INC.** [US/US]; Suite 3031, 11811 N. Tatum Blvd, Phoenix, AZ 85028 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PETRAS, Gregory, J.** [—/US]; Suite 3031, 11811 N. Tatum Blvd, Phoenix, AZ 85028 (US).
- 85028 (US). **LEONARD, Lisa** [—/US]; Suite 3031, 11811 N. Tatum Blvd, Phoenix, AZ 85028 (US). **CRAMER, Lisa, J.** [—/US]; Suite 3031, 11811 N. Tatum Blvd, Phoenix, AZ 85028 (US). **MASON, Andrew, F.** [—/US]; Suite 3031, 11811 N. Tatum Blvd, Phoenix, AZ 85028 (US).
- (74) **STONEMAN, Martin, L.**; Stoneman Law Offices, LTD., 3113 North 3rd Street, Phoenix, AZ 85012-2601 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F**
- (11) **WO 2005/029282** (13) A2
- (21) PCT/US2004/030716
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) en (26) en
- (30) 10/666,774 **19 Sep/sep 2003** US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SETTING UP A NAME RESOLUTION SYSTEM FOR HOME-TO-HOME COMMUNICATIONS
- INSTALLATION D'UN SYSTEME DE RESOLUTION DE NOM DE DOMAINE DESTINE A DES COMMUNICATIONS DOMESTIQUES/DOMESTIQUES
- (71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, Illinois 60196 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CHIN, Kwan Wu**, [MY/AU]; Unit 8, 36 Myra Road, Dulwich Hill, New South Wales 2203 (AU). **DIMITRELIS, Arthur**, [AU/AU]; 1 Chestnut Road, Auburn, New South Wales 2144 (AU). **JUDGE, John T.**, [AU/AU]; 1/1 Stark Street, Coogee, New South Wales 2034 (AU). **WHITE, Andrew E.**, [AU/AU]; 54/276 Bunnerong Road, Matraville, New South Wales 2036 (AU).
- (74) **MANCINI, Brian M.**, et al. / etc.; 1303 East Algonquin Road, Schaumburg, Illinois 60196 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **G06F**
- (11) **WO 2005/029283** (13) A2
- (21) PCT/US2004/030729
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) en (26) en
- (30) 60/504,266 **19 Sep/sep 2003** US  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • AUCTION ENGINE CONNECTOR
- CONNECTEUR DE MOTEUR DE VENTE AUX ENCHERES
- (71, 72) **ELLISTON, David** [CA/US]; 11034 Holly Tree Lane, Cupertino, CA 95014 (US). **LI, Winston** [GB/US]; 420 Milan Drive, #111, San Jose, CA 95134 (US). **DEMIREL, Kayhan** [DE/US]; 2045 West El Camino Real, #225, Mountain View, CA 94040 (US).
- (74) **SCHAEFER, Stephen, R.**; Fish & Richardson P.C., P.A., Suite 3300, 60 South Sixth Street, Minneapolis, MN 55402-1104 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F**
- (11) **WO 2005/029284** (13) A2
- (21) PCT/US2004/030762
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) en (26) en
- (30) 60/503,599 **17 Sep/sep 2003** US  
(17.09.2003)
- (30) 60/534,236 **5 Jan/jan 2004** US  
(05.01.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND SYSTEM WITH MULTI-TIER CLUB MEMBERSHIP FOR DISCOUNTED BUYING ON THE INTERNET AND AT STORE LOCATIONS
- PROCEDE ET SYSTEME AVEC APPARTENANCE A UN CLUB A PLUSIEURS NIVEAU POUR L'ACHAT A PRIX REDUIT SUR L'INTERNET ET DANS DES MAGASINS
- (71, 72) **ABENDROTH, John, C.** [US/US]; 6833 W. Wandawega Circle, Mequon, WI 53092 (US).
- (71, 72) **ABENDROTH, Marc, B.** [US/US]; 3009 W. Ranch Road, Mequon, WI 53092 (US).  
*(only for / seulement pour US)*

- (74) **MCGOVERN, Michael, J. et al. / etc.;** Quarles & Brady LLP, 411 E. Wisconsin Avenue, Milwaukee, WI 53202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F**
- (11) **WO 2005/029285** (13) A2
- (21) PCT/US2004/030794
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) en (26) en
- (30) 10/666,407 **19 Sep/sep 2003 (19.09.2003)** US
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND APPARATUS FOR CONNECTING PRIVATELY ADDRESSED NETWORKS
- PROCEDE ET APPAREIL DE CONNEXION DE RESEAUX ADRESSES DE MANIERE PRIVEE
- (71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WILLIAMS, Aidan Michael** [AU/AU]; 39 Hastings Avenue, Chifley, New South Wales 2036 (AU). **JUDGE, John, Thomas** [AU/AU]; 1/1 Stark Street, Coogee, New South Wales 2034 (AU).
- (74) **MANCINI, Brian, M. et al. / etc.;** 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F**
- (11) **WO 2005/029286** (13) A2
- (21) PCT/US2004/030858
- (22) **20 Sep/sep 2004 (20.09.2004)**
- (25) en (26) en
- (30) 60/504,170 **19 Sep/sep 2003 (19.09.2003)** US
- (30) 60/589,118 **19 Jul/juil 2004 (19.07.2004)** US
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SYSTEM AND METHOD FOR SORTING MEDICAL WASTE FOR DISPOSAL
- SYSTEME ET PROCEDE DE TRI DES DECHETS MEDICAUX A ELIMINER
- (71) **VESTA MEDICAL, LLC** [US/US]; 15411 Redhill Avenue, Suite F, Tustin, California 92780 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MALLETT, Scott, R.** [US/US]; 31682 Via Patito, Coto de Caza, California 92679 (US). **DANTA, Randall, C.** [US/US]; 17561 Medford Ave., Tustin, California 92780 (US). **REGLA, Peter** [US/US]; 2107 Freemont Ave., Placentia, California 92870 (US). **COREY, Alan, D.** [US/US]; 3857 Birch St., #325, Newport Beach, California 92660 (US). **DAVIDNER, Alan, A.** [US/US]; 5480 Kodiak Mountain Drive, Yorba Linda, California 92887 (US).
- (74) **ALTMAN, Daniel, E.?**; **KNOBBE, MARTENS, OLSON & BEAR, LLP**, 2040 Main Street, Fourteenth Floor, Irvine, California 92614 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> **G06F**
- (11) **WO 2005/029287** (13) A2
- (21) PCT/US2004/031011
- (22) **15 Sep/sep 2004 (15.09.2004)**
- (25) en (26) en
- (30) 60/503,512 **15 Sep/sep 2003 (15.09.2003)** US
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PARI-MUTUEL BETTING WITH BONUS FEATURE
- PRODUIT DE PARIMUTUEL A BONUS
- (71) **ACRES GAMING INCORPORATED** [US/US]; 7115 Amigo Street, Suite 150, Las Vegas, NV 89119 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **JORDAN, Richard, Jeffrey** [US/US]; 7115 Amigo Street, Suite 150, Las Vegas, NV 89119 (US). **SHELBY, Michael, B.** [US/US]; 815 NW 9th Street, Corvallis, OR 97330 (US). **COPPERT, Michael, P.** [US/US]; 7115 Amigo Street, Suite 150, Las Vegas, NV 89119 (US).
- (74) **SCHAFFER, Scott, A. et al. / etc.;** Marger Johnson & McCollom PC, 1030 SW Morrison Street, Portland, OR 97205 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G06F**
- (11) **WO 2005/029288** (13) A2
- (21) PCT/US2004/031016
- (22) **15 Sep/sep 2004 (15.09.2004)**
- (25) en (26) en
- (30) 60/504,165 **18 Sep/sep 2003 (18.09.2003)** US
- (30) 10/874,697 **22 Jun/juin 2004 (22.06.2004)** US
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESSOR MODULE PACKAGING FOR A PORTABLE ELECTRONIC DEVICE DISPLAY
- CONDITIONNEMENT DE MODULE PROCESSEUR POUR AFFICHEUR DE DISPOSITIF ELECTRONIQUE PORTATIF
- (71) **VULCAN PORTALS INC.** [US/US]; 505 Fifth Avenue, Suite 900, Seattle, WA 98104 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KEE, Martin** [US/US]; 20918 S.E. 2nd Place, Sammamish, WA 98074 (US). **CLARKE, Michael, S.** [US/US]; 4800 East Mercer Way, Mercer Island, WA 98040 (US). **FLECK, Rod, G.** [US/US]; 4817 - 134th Place S.E., Bellevue, WA 98006 (US). **CHEN, Chao-Chi** [US/US]; 24330 S.E. 2nd Court, Sammamish, WA 98074 (US). **O'CONNELL, Craig, W.** [US/US]; 12608 - 67th Avenue S.E., Snohomish, WA 98296 (US). **PERRIN, Stephen, L.** [US/US]; 14724 Edgewater Lane N.E., Lake Forest Park, WA 98155 (US).
- (74) **ENG, Kimton, N. et al. / etc.;** Doreey & Whitney LLP, 1420 Fifth Avenue, Suite 3400, Seattle, WA 98101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2005/029289 (13) A2

(21) PCT/US2004/031075

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,171 18 Sep/sep 2003 US  
(18.09.2003)(30) Not furnished / 17 Sep/sep 2004 US  
non communiqué (17.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DUAL COMPRESSION VOICE  
RECORDATION NON-REPUDIATION  
SYSTEM

- SYSTEME DE PUBLICITE NON REPU-  
DIABLE A DOUBLE COMPRESSION  
VOCALE

(71) AGILE TV CORPORATION [US/US];  
333 Ravenswood Avenue, Bldg. 202, Menlo  
Park, CA 94025 (US).*(for all designated States except / pour tous  
les États désignés sauf US)*(72) FOSTER, Mark, J.; 4157 Interdale Way,  
Palo Alto, CA 94306 (US).(74) GLENN, Michael, A. et al. / etc.; Glenn  
Patent Group, 3475 Edison Way, Ste. L,  
Menlo Park, CA 94025 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW  
MX MZ NA NI NO NZ OM PG PH PL PT  
RO SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG US UZ VC VN YU ZA ZM  
ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> G06F

(11) WO 2005/029290 (13) A2

(21) PCT/US2004/005520

(22) 24 Feb/fév 2004 (24.02.2004)

(25) en (26) en

(30) 60/451,041 28 Feb/fév 2003 US  
(28.02.2003)(30) 10/418,713 17 Apr/avr 2003 US  
(17.04.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SELF-CORRECTING COMPUTER

- ORDINATEUR A AUTOCORRECTION

(71) MAXWELL TECHNOLOGIES, INC.  
[US/US]; 9244 Balboa Avenue, San Diego,  
CA 92123 (US).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) HILLMAN, Robert, Allen [US/US];  
18365 Reata Way, San Diego, CA 92128(US). CONRAD, Mark, Steven [US/US];  
12655 Camino Mira Del Mar #223, San  
Diego, CA 92130 (US).(74) ALBERT, G., Peter, Jr.; FOLEY & LARD-  
NER, P.O. Box 80278, San Diego, CA 92138-  
0278 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).(51)<sup>7</sup> G06F 1/00

(11) WO 2005/029291 (13) A2

(21) PCT/EP2004/010440

(22) 17 Sep/sep 2004 (17.09.2004)

(25) de (26) de

(30) 103 43 369.4 17 Sep/sep 2003 DE  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR ASSOCIATING IDENTIFI-  
FIERS WITH INFORMATION

- PROCEDE D'AFFECTATION  
D'IDENTIFICATIONS A DES INFOR-  
MATIONS

(71) FRANCO TYP-POSTALIA AG & CO.  
KG [DE/DE]; Triftweg 21-26, 16547 Birken-  
werder (DE). INTESIO GMBH [DE/DE];  
Dieselstrasse 1-7, 61231 Bad Nauheim (DE).  
*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) KAMPERT, Werner [DE/DE]; Alter  
Teichweg 9h, 22081 Hamburg (DE). KRÜ-  
DENER, Stephan, Erich, Kurt [DE/DE];  
Schulgasse 5, 35452 Heuchelheim (DE).(74) KARLHUBER, Mathias; Cohausz & Flo-  
rack, Bleichstrasse 14, 40211 Düsseldorf  
(DE).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> G06F 1/00, H04L 29/06

(11) WO 2005/029292 (13) A1

(21) PCT/EP2004/010737

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en

(26) en

(30) 60/505,825 24 Sep/sep 2003 US  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SERVER-BASED DIGITAL SIGNA-  
TURE

- SIGNATURE NUMERIQUE SUR SER-  
VEUR

(71) ACCENTURE GLOBAL SERVICES  
GMBH [CH/CH]; Geschäftshaus Herre-  
nacker 15, CH-8200 Schaffhausen (CH).  
MICROSOFT CORPORATION [US/US];  
One Microsoft Way, Redmond, Washington  
98052-6399 (US).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) PITMAN, Andrew, J. [US/US]; 1653  
North Springs Drive, Dunwoody, Geor-  
gia 30338 (US). MCDONALD, David  
[US/US]; 13021 Henson Court, Herndon,  
Virginia 20171-2939 (US). FINNEGAN,  
Sean [US/US]; 5563 Forest Hill Avenue,  
Richmond, Virginia 23225-2551 (US). BUX-  
TON, Steven [US/US]; Sterling, Virginia  
(US). MATLES, Robert [US/US]; 3118  
North Paulina Street, Chicago, Illinois  
60657-3032 (US).(74) MCLEISH, Nicholas, Alistair, Maxwell;  
Boult Wade Tennant, Verulam Gardens, 70  
Gray's Inn Road, London WC1X 8BT (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06F 1/00

(11) WO 2005/029293 (13) A1

(21) PCT/EP2004/007978

(22) 16 Jul/juil 2004 (16.07.2004)

(25) de (26) de

(30) 103 39 349.8 25 Aug/août 2003 DE  
(25.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INPUT UNIT FOR A FIELD DEVICE

- UNITE D'ENTREE DESTINEE A LA  
TECHNIQUE D'AUTOMATISATION  
DES PROCESSUS

(71) ENDRESS + HAUSER PROCESS SOLU-  
TIONS AG [CH/CH]; Christoph-Merian-  
Ring 23, CH-4153 Reinach (CH).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) FERREIRA DA SILVA NETO, Euge-  
nio [BR/CH]; Bachgasse 20, CH-4105 Biel-  
Benken (CH). CUMMINGS, Don [US/US];  
990 South Haven Road, Greenwood, Indiana  
46143 (US).

(74) **ANDRES, Angelika**; c/o Endress + Hauser (DE) Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 1/00, H04L 29/06, 12/24

(11) WO 2005/029294 (13) A1

(21) PCT/US2004/030311

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/503,240 16 Sep/sep 2003 US (16.09.2003)

(30) 60/503,297 16 Sep/sep 2003 US (16.09.2003)

(30) 60/503,627 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A PROCESSING DEVICE SECURITY SETTING CONFIGURATION SYSTEM AND USER INTERFACE

• SYSTEME DE CONFIGURATION DE PARAMETRE DE SECURITE DE DISPOSITIF DE TRAITEMENT ET INTERFACE UTILISATEUR CORRESPONDANTE

(71) **SIEMENS MEDICAL SOLUTIONS HEALTH SERVICES CORPORATION** [US/US]; 51 Valley Stream Parkway, Malvern, PA 19355 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SNYDER, Domonic** [US/US]; 1269 Ellsworth Drive, Whitehall, PA 18052 (US).

(74) **BURKE, Alexander, J.** et al. / etc.; Siemens Corporation- Intellectual Property Dept., 170 Wood Avenue South, Iselin, NJ 08830 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06F 1/00

(11) WO 2005/029295 (13) A2

(21) PCT/US2004/030590

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/664,256 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DYNAMIC FLUID SPRAY JET DELIVERY SYSTEM

• SYSTEME D'APPORT DE JET DE VAPORISATION D'UN FLUIDE DYNAMIQUE

(71) **HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.** [US/US]; 20555 S. H. 249, Houston, TX 77070 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BASH, Cullen E.** [US/US]; 662 Mangels Avenue, San Francisco, CA 91247 (US). **PATEL, Chandrakant** [US/US]; 37432 Gillett Road, Fremont, CA 94536 (US). **SHARMA, Ratnesh** [IN/US]; 1501 Decoto Road #167, Union City, CA 94587 (US).

(74) **LANGE, Richard P.**; Hewlett-Packard Company, Intellectual Property Administration, P O Box 272400, Fort Collins, CO 80527-2400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 1/16, 13/00, 9/06, H04M 1/02, 11/00

(11) WO 2005/029296 (13) A1

(21) PCT/JP2004/012534

(22) 31 Aug/août 2004 (31.08.2004)

(25) ja (26) ja

(30) 2003-324480 17 Sep/sep 2003 JP (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TERMINAL APPARATUS, COMMUNICATION SYSTEM, AND SERVER

• TERMINAL, SYSTEME DE COMMUNICATION, ET SERVEUR

(71, 72) **KUBO, Masaharu** [JP/JP]; 29-8, Akatsuki-cho, 2-chome, Hachioji-shi, Tokyo 1920043 (JP).

(74) **OGAWA, Katsuo**; Nitto International Patent Office 8th Floor, No.17 Arai Building 3-3, Shinkawa 1-chome., Chuo-ku, Tokyo 1040033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 1/16

(11) WO 2005/029297 (13) A2

(21) PCT/US2004/030248

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/504,165 18 Sep/sep 2003 US (18.09.2003)

(30) 10/871,870 17 Jun/juin 2004 US (17.06.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LOW POWER EMAIL FUNCTIONALITY FOR AN ELECTRONIC DEVICE

• FONCTIONNALITE DE COURRIER ELECTRONIQUE A FAIBLE CONSOMMATION D'ENERGIE POUR UN DISPOSITIF ELECTRONIQUE

(71) **VULCAN PORTALS INC.** [US/US]; 505 5th Avenue South, Suite 900, Seattle, WA 98104 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FLYNN, Rex, Antony** [US/US]; 60 Charlemont Street, Newton, MA 02461 (US). **KEE, Martin, J.** [US/US]; 20918 Southeast 2nd Place, Sammamish, WA 98074 (US). **PERRIN, Stephen, L.** [US/US]; 14724 Edgewater Lane Northeast, Lake Forest Park, WA 98155 (US). **FLECK, Rod, G.** [US/US]; 4817 134th Place SE, Bellevue, WA 98006 (US).

(74) **DE GUZMAN, Dennis, M.** et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 1/16

(11) WO 2005/029298 (13) A2

(21) PCT/US2004/030386

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/663,013 15 Sep/sep 2003 US (15.09.2003)

- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COMPUTER SYSTEM WITH DETACHABLE DISPLAY  
• SYSTEME INFORMATIQUE PRESENTANT UN ECRAN AMOVIBLE
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) GHOSH, Prosenjit; 14863 NW Jewell Lane, Portland, OR 97229 (US). THAKKAR, Shreekant; 150 SW Moonridge Place, Portland, OR 97225 (US). WONG, Hong; 15878 NW Andalusia Way, Portland, OR 97229 (US). OAKLEY, Nicholas; 5215 SW 18th Drive, Portland, OR 97201 (US). PHAN, Truong; 103 NE Cory Street, Hillsboro, OR 97124 (US).
- (74) VINCENT, Lester, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F 1/20, G02F 1/13357, F21V 29/00  
(11) WO 2005/029299 (13) A1  
(21) PCT/JP2003/012017  
(22) 19 Sep/sep 2003 (19.09.2003)  
(25) ja (26) ja
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ELECTRONIC DEVICE  
• DISPOSITIF ELECTRONIQUE
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MAEDA, Hitohiro [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) AOKI, Atsushi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 105-8423 (JP).
- (81) CN JP KR US.
- 
- (51)<sup>7</sup> G06F 1/32  
(11) WO 2005/029300 (13) A2  
(21) PCT/US2004/030237  
(22) 16 Sep/sep 2004 (16.09.2004)  
(25) en (26) en
- (30) 60/504,165 18 Sep/sep 2003 US (18.09.2003)
- (30) 10/857,628 28 May/mai 2004 US (28.05.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND APPARATUS FOR OPERATING AN ELECTRONIC DEVICE IN A LOW POWER MODE  
• PROCEDE ET APPAREIL DE COMMANDE D'UN DISPOSITIF ELECTRONIQUE EN MODE DE FAIBLE CONSOMMATION D'ENERGIE
- (71) VULCAN PORTALS INC. [US/US]; 505 5th Avenue South, Suite 900, Seattle, WA 98104 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FLYNN, Rex, Antony [US/US]; 60 Charlemont Street, Newton, MA 02461 (US). KEE, Martin, J. [US/US]; 20918 Southeast 2nd Place, Sammamish, WA 98074 (US). PERRIN, Stephen, L. [US/US]; 14724 Edgewater Lane Northeast, Lake Forest Park, WA 98155 (US). FLECK, Rod, G. [US/US]; 4817 134th Place SE, Bellevue, WA 98006 (US).
- (74) DE GUZMAN, Dennis, M. et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F 1/32  
(11) WO 2005/029301 (13) A2  
(21) PCT/US2004/030464  
(22) 16 Sep/sep 2004 (16.09.2004)  
(25) en (26) en
- (30) 60/504,165 18 Sep/sep 2003 US (18.09.2003)
- (30) 10/857,628 28 May/mai 2004 US (28.05.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LOW POWER MEDIA PLAYER FOR AN ELECTRONIC DEVICE  
• LECTEUR MEDIA BASSE PUISSANCE POUR DISPOSITIF ELECTRONIQUE
- (71) VULCAN PORTALS INC. [US/US]; 505 5th Avenue South, Suite 900, Seattle, Washington 98104 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FLYNN, Rex, Antony [US/US]; 60 Charlemont Street, Newton, Massachusetts 02461 (US). KEE, Martin, J. [US/US]; 20918 Southeast 2nd Place, Sammamish, Washington 98074 (US). PERRIN, Stephen, L. [US/US]; 14724 Edgewater Lane Northeast, Lake Forest Park, Washington 98155 (US). FLECK, Rod, G. [US/US]; 4817 134th Place SE, Bellevue, WA 98006 (US).
- (74) DE GUZMAN, Dennis, M. et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F 3/00  
(11) WO 2005/029302 (13) A2  
(21) PCT/DE2004/002078  
(22) 16 Sep/sep 2004 (16.09.2004)  
(25) de (26) de
- (30) 103 43 967.6 19 Sep/sep 2003 DE (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • THREE-DIMENSIONAL USER INTERFACE FOR CONTROLLING A VIRTUAL REALITY GRAPHICS SYSTEM BY FUNCTION SELECTION  
• INTERFACE D'UTILISATION SPATIALE POUR PILOTER UN SYSTEME GRAPHIQUE DE REALITE VIRTUELLE AU MOYEN D'UNE SELECTION DE FONCTION
- (71) ICIDO GESELLSCHAFT FÜR INNOVATIVE INFORMATIONSSYSTEME MBH [DE/DE]; Jurastrasse 8, 70565 Stuttgart (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) RÖSSLER, Andreas [DE/DE]; Waldburgstrasse 37, 70563 Stuttgart (DE). BREINING, Ralf [DE/DE]; Reyherstrasse 13, 73760 Ostfildern (DE). WURSTER, Jan [DE/DE]; Gutenbergstrasse 54b, 70176 Stuttgart (DE).
- (74) JAKELSKI, Joachim; OTTE & JAKELSKI, Mollenbachstrasse 37, 71229 Leonberg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 3/00

(11) WO 2005/029303 (13) A2

(21) PCT/IB2004/003078

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 10/671,430 24 Sep/sep 2003 US  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMPROVED PORTRAYAL OF NAVIGATION OBJECTS

• REPRESENTATION AMELIOREE  
D'OBJETS DE NAVIGATION

(71) NOKIA CORPORATION [FI/FI];  
Keilalahdentie 4, FIN-02150 Espoo (FI).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MÄKELÄ, Mikko [FI/FI]; In-  
sinöörinkatu 47 A 23, FIN-33720 Tampere  
(FI).

(74) COHAUSZ & FLORACK (24); Bleich-  
strasse 14, 40211 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 3/023

(11) WO 2005/029304 (13) A2

(21) PCT/US2004/030389

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/664,497 16 Sep/sep 2003 US  
(16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRONIC DEVICES AND SYS-  
TEMS

• DISPOSITIFS ET SYSTEMES ELEC-  
TRONIQUES

(71) INTEL CORPORATION [US/US]; 2200  
Mission College Boulevard, Santa Clara, CA  
95052 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72) OKULEY, James; 8515 SW 61st Avenue,  
Portland, OR 97219 (US).

(74) VINCENT, Lester, J. et al. / etc.; Blakely  
Sokoloff Taylor & Zafman, 12400 Wilshire  
Boulevard, 7th Floor, Los Angeles, CA 90025  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 3/023, 3/033

(11) WO 2005/029305 (13) A2

(21) PCT/US2004/030731

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,165 18 Sep/sep 2003 US  
(18.09.2003)

(30) 10/870,480 17 Jun/juin 2004 US  
(17.06.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • USER INTERFACE FOR A SEC-  
ONDARY DISPLAY MODULE OF A  
MOBILE ELECTRONIC DEVICE

• INTERFACE UTILISATEUR CONÇU  
POUR UN MODULE D'AFFICHAGE  
SECONDAIRE D'UN DISPOSITIF  
ELECTRONIQUE MOBILE

(71) VULCAN PORTALS, INC. [US/US]; Suite  
900, 505 Fifth Avenue South, Seattle, WA  
98104 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) CHEN, Chao-Chi [US/US]; 24330  
Southeast 2nd Court, Sammamish, WA  
98074 (US). KEE, Martin, J. [US/US];  
20918 Southeast 2nd Place, Sammamish,  
WA 98074 (US). O'CONNELL, Craig, W.  
[US/US]; 12608 67th Avenue Southeast, Sno-  
homish, WA 98296 (US). ARMSTRONG,  
Anne, Aileen [US/US]; 323 Northwest 47th  
Street, Seattle, WA 98107 (US). PERRIN,  
Stephen, L. [US/US]; 14724 Edgewater  
Lane Northeast, Lake Forest Park, WA 98155  
(US).

(74) LYCKE, Lawrence, E. et al. / etc.; Lee &  
Hayes, PLLC, Suite 500, 421 West Riverside  
Avenue, Spokane, WA 99201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 3/03

(11) WO 2005/029306 (13) A2

(21) PCT/DE2004/002077

(22) 16 Sep/sep 2004 (16.09.2004)

(25) de (26) de

(30) 103 43 968.4 19 Sep/sep 2003 DE  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND DEVICE FOR CON-  
TROLLING A VIRTUAL REALITY  
GRAPHIC SYSTEM USING INTERAC-  
TIVE TECHNIQUES

• PROCEDE ET DISPOSITIF DE COM-  
MANDE D'UN SYSTEME GRAPHIQUE  
DE REALITE VIRTUELLE PAR DES IN-  
TERACTIONS

(71) ICIDO GESELLSCHAFT FÜR INNOVA-  
TIVE INFORMATIONSSYSTEME MBH  
[DE/DE]; Jurastrasse 8, 70565 Stuttgart (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) RÖSSLER, Andreas [DE/DE]; Wald-  
burgstrasse 37, 70563 Stuttgart (DE).  
BREINING, Ralf [DE/DE]; Reyherstrasse  
13, 73760 Ostfildern (DE). WURSTER,  
Jan [DE/DE]; Gutenbergstrasse 54b, 70176  
Stuttgart (DE).

(74) JAKELSKI, Joachim; OTTE & JAKEL-  
SKI, Mollenbachstrasse 37, 71229 Leonberg  
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 3/033

(11) WO 2005/029307 (13) A1

(21) PCT/EP2004/008525

(22) 29 Jul/juil 2004 (29.07.2004)

(25) de (26) de

(30) 103 40 402.3 2 Sep/sep 2003 DE  
(02.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • OPERATING UNIT FOR A RECTIFIER  
• UNITE DE COMMANDE POUR  
CONVERTISSEUR

(71) SIEMENS AKTIENGESELLSCHAFT  
[DE/DE]; Wittelsbacherplatz 2, 80333  
München (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) REBBEREH, Carsten [DE/DE]; Geb-  
bertstr. 70, 91052 Erlangen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;  
Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06F 3/033

(11) WO 2005/029308 (13) A2

(21) PCT/IB2004/003073

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 10/671,430 24 Sep/sep 2003 US (24.09.2003)

(30) 10/820,442 7 Apr/avr 2004 US (07.04.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • IMPROVED PRESENTATION OF LARGE OBJECTS ON SMALL DISPLAYS

• PRESENTATION AMELIOREE D'OBJETS DE GRANDE DIMENSION SUR DES AFFICHEURS DE PETITE DIMENSION

- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MÄKELÄ, Mikko [FI/FI]; Insinöörikatu 47 A 23, FIN-33720 Tampere (FI).

- (74) WEYRES, Alexandra; Cohausz & Florack (24), Bleichstrasse 14, 40211 Düsseldorf (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 3/033

(11) WO 2005/029309 (13) A2

(21) PCT/IB2004/051645

(22) 1 Sep/sep 2004 (01.09.2004)

(25) en (26) en

(30) 03103491.1 22 Sep/sep 2003 EP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • NAVIGATING THROUGH A DISPLAYED HIERARCHICAL DATA STRUCTURE

• NAVIGATION DANS UNE STRUCTURE HIERARCHIQUE DE DONNEES AFFICHEES

- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) UITTENBOGAARD, Frank [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

- (74) GRAVENDEEL, Cornelis; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G06F 3/033

(11) WO 2005/029310 (13) A2

(21) PCT/IB2004/051790

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/505,000 22 Sep/sep 2003 US (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • COMMUNICATION THROUGH ARRANGEMENT OF SYMBOLIC OBJECTS

• COMMUNICATION AU MOYEN D'UN AGENCEMENT D'OBJETS SYMBOLIQUES

- (71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MARMAROPOULOS, George [GR/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). VU, Giang [GB/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). ALSAFADI, Yassar [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). YASSIN,

Amr [EG/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). ZHU, Katie [CN/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

- (74) KONINKLIJKE PHILIPS ELECTRONICS, N.V.; c/o Waxler, Aaron, P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G06F 3/06, 3/08, 12/00, G06K 17/00, G06F 12/06

(11) WO 2005/029311 (13) A1

(21) PCT/JP2004/013703

(22) 13 Sep/sep 2004 (13.09.2004)

(25) ja (26) ja

(30) 2003-325811 18 Sep/sep 2003 JP (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • SEMICONDUCTOR MEMORY CARD, SEMICONDUCTOR MEMORY CONTROL APPARATUS, AND SEMICONDUCTOR MEMORY CONTROL METHOD

• CARTE A PUCE A SEMICONDUCTEURS, APPAREIL DE COMMANDE DE MEMOIRE A SEMICONDUCTEURS, ET PROCEDE DE COMMANDE DE MEMOIRE A SEMICONDUCTEURS

- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma shi, Osaka, 5718501 (JP). (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MAEDA, TakujiINOUE, ShinjiGOTOH, YoshihoOHARA, JunNAKANISHI, MasahiroTSUJITA, ShoichiZUMI, TomoakiKASAHARA, TetsushiTAMURA, KazuakiMATSUNO, KiminoriHORIUCHI, KoichiINOUE, Manabu



(74) **OKAMOTO, Yoshiki**; c/o YASUDA & OKAMOTO, Shori Building, 7-7-19, Takaidahondori, Higashi-Osaka shi, Osaka, 5770066 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 3/14, G09G 5/00

(11) WO 2005/029312 (13) A1

(21) PCT/US2003/026117

(22) 21 Aug/août 2003 (21.08.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR PROVIDING RICH MINIMIZED APPLICATIONS

• SYSTEME ET PROCEDE POUR LA FOURNITURE D'APPLICATIONS MINIMISEES RICHES

(71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052 (US).

(72) MATTHEWS, David, A.; 210 Wall Street, Apartment 1012, Seattle, WA 98121 (US). CUMMINS, Charles; 225 N.E. 65th Street, Apartment 403, Seattle, WA 98115 (US). MANN, Justin; 2530 186th Avenue N.E., Redmond, WA 98052 (US). HALLY, Judson, Craig; 4226 205th Place N.E., Sammamish, WA 98074 (US). LIGAMERI, Mark; 1911 Rucker Avenue, Everett, WA 98210 (US).

(74) STROHM, Scott, B. et al. / etc.; Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, MO 64108-2613 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 7/00, 17/00, 17/30

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(21) PCT/US2003/026144

(22) 21 Aug/août 2003 (21.08.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEMS AND METHODS FOR DATA MODELING IN AN ITEM-BASED STORAGE PLATFORM

• SYSTEMES ET PROCEDES DE MODELISATION DE DONNEES DANS UNE PLATE-FORME DE STOCKAGE FONDÉE SUR DES OBJETS

(71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, Washington 98052-6399 (US).

(72) NORI, Anil, K.; 7421 204th Drive NE, Redmond, WA 98053 (US). AGARWAL, Sameet; 8127 149th Place NE, #C-214, Redmond, WA 98052 (US). THOMPSON, J. Patrick; 6020 Sycamore Avenue NW, Seattle, WA 98107 (US). CELIS, Pedro; 20347 NE 61st Court, Redmond, WA 98053 (US). CAMPBELL, David, G.; 22414 NE 30th Court, Sammamish, WA 98074 (US). TEREK, Soner, F.; 13695 NE 32nd Place, Bellevue, WA 98006 (US). CAMERON, Kim; 9328 SE Shoreline Drive, Bellevue, WA 98004 (US). SMITH, Walter, R.; 539 32nd Avenue South, Seattle, WA 98144 (US). SHAKIB, Darren, A.; 42413 SE 149th Place, North Bend, WA 98045 (US). BALLOU, Nathaniel, H.; 11126 NE 61st Court, Redmond, WA 98053 (US). ACHARYA, Srinivasmurthy, P.; 2304 239th Place NE, Sammamish, WA 98074 (US). RAMAN, Balan, Sethu; 16335 NE 50th Street, Redmond, WA 98052 (US). SPIRO, Peter, M.; 7320 West Mercer Way, Mercer Island, WA 98040 (US).

(74) ROCCI, Steven, J. et al. / etc.; Woodcock Washburn LLP, One Liberty Place, 46th Floor, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • STORAGE PLATFORM FOR ORGANIZING, SEARCHING, AND SHARING DATA

• PLATE-FORME DE STOCKAGE POUR ORGANISER, RECHERCHER ET PARTAGER DES DONNEES

(71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052-6399 (US).

(72) CLARK, Quentin, J.; 17432 SE 46th Place, Bellevue, WA 98006 (US). NORI, Anil, K.; 7421 204th Drive NE, Redmond, WA 98053 (US). CELIS, Pedro; 20347 NE 61st Court, Redmond, WA 98053 (US). SPIRO, Peter, M.; 7320 West Mercer Way, Mercer Island, WA 98040 (US). CAMPBELL, David, G.; 22414 NE 30th Court, Sammamish, WA 98074 (US).

(74) ROCCI, Steven, J. et al. / etc.; Woodcock Washburn LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 9 Jul/juil 2003 (09.07.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR GENERATING PSEUDO-RANDOM NUMBERS  
• SYSTEME ET PROCEDE DE GENERATION DE NOMBRES PSEUDO-ALEATOIRES

(71) GLOBESPANVIRATA INCORPORATED [US/US]; 100 Schultz Drive, Red Bank, NJ 07701 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NOWSHADI, Farshid [GB/GB]; 45 Montrose Avenue, Luton, Beds (GB). MOORE, Mark [GB/GB]; 7 George Street, Cambridge, (GB).

(74) DUNCAN, Kevin, T. et al. / etc.; Intellectual Property Dept., Hunton & Williams LLP, 1900 K Street, N.W. Suite 200, Washington, DC 20006-1109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/00, 15/16

(11) WO 2005/029316 (13) A1

(21) PCT/IB2004/002852

(22) 30 Aug/août 2004 (30.08.2004)

(25) en (26) en

(30) 10/668,676 23 Sep/sep 2003 US (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR EXPOSING LOCAL CLIPBOARD FUNCTIONALITY TOWARDS EXTERNAL APPLICATIONS

• SYSTEME ET PROCEDE PERMETTANT A DES APPLICATIONS EXTERNES D'ACCEDER A UNE FONCTIONNALITE PRESSE-PAPIERS LOCAL

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(71) NOKIA, INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US). (only for / seulement pour LC)

(72) AARTS, Robert; Kivennavankuja 11 C 5, FIN-02130 Espoo (FI).

(74) FUNK, Steven; Crawford Maunu PLLC, 1270 Northland Drive, Suite 390, St. Paul, MN 55120 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRONIC INK PROCESSING

• TRAITEMENT D'ENCRE ELECTRONIQUE

(71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052 (US).

(72) DUNCAN, Richard; 842 Kirkland Avenue, Kirkland, WA 98033 (US). DRESEVIC, Bodin; 1039 145th Place SE, Bellevue, WA 98007 (US). WAKEAM, Jamie; 18941 NE 68th Street, Redmond, WA 98052 (US).

SUTANTO, Herry; One Microsoft Way, Redmond, WA 98052 (US). RAGHUPATHY, Sashi; 16114 NE 49th Ct, Redmond, WA 98052 (US). KANNAPPEL, Timothy, H.; 15501 SE 46th Way, Bellevue, WA 98006 (US). SZILAGYI, Zoltan; One Microsoft Way, Redmond, WA 98052 (US). TURNER, Jerome; 9611 182nd Place #104, Redmond, WA 98052 (US). LANDSTAD, Todd; One Microsoft Way, Redmond, WA 98052 (US). WANG, Haiyong; 7001 Old Redmond Road, M351, Redmond, WA 98052 (US). SNYTSAR, Roman; 8500 148th Avenue NE, V-3072, Redmond, WA 98052 (US).

(74) RAUCHHOLZ, William F.; Banner & Witcoff, Ltd., 1001 G. Street, N.W-11th Floor, Washington, D.C 20001-4597, United States of America (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 60/507,043 29 Sep/sep 2003 US (29.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS AND PRODUCTS FOR PROCESSING LOOP NESTS

• PROCEDES ET PRODUITS PERMETTANT DE TRAITER DES IMBRICATIONS DE BOUCLES

(71) UNIVERSITY OF DELAWARE [US/US]; 210 HULLIEN HALL, Newark, DE 19716 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) RONG, Hongbo [CN/US]; 17 Marvin Drive, C5, Newark, DE 19713 (US). GAO, Guang, R. [CA/US]; 6 Daywood Court, Newark, DE 19711 (US). DOUILLET, Alban [FR/US]; 249 East Main Street, Apartment F, Newark, DE 19711 (US). GOVINDARAJAN, R. [IN/IN]; E-21 11Sc Quarters, Indian Institute of Science, Bangalore 560 012 (IN).

(74) KRIKELIS, Costas, S.; RatnerPrestia, P.O. Box 1596, Wilmington, DE 19899 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/24

(11) WO 2005/029319 (13) A1

(21) PCT/CN2004/000459

(22) 9 May/mai 2004 (09.05.2004)

(25) zh (26) zh

(30) 03157566.8 24 Sep/sep 2003 CN (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A PERIPHERAL EQUIPMENT AND CORRESPONDING MANAGEMENT METHOD PROVIDED WITH FUNCTION FOR MANAGEMENT OF INNER DRIVER PROGRAM

• EQUIPEMENT PERIPHERIQUE ET PROCEDE DE GESTION CORRESPONDANT MUNIS D'UNE FONCTION POUR LA GESTION D'UN PROGRAMME DE PILOTES INTERNES

(71) LEGEND (BEIJING) LIMITED [CN/CN]; No. 6 Chuang Ye Road, Shangdi Information Industry Base, Haidian District, Beijing 100085 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SONG, Xin [CN/CN]; No. 6 Chuang Ye Road, Shangdi Information Industry Base, Haidian District, Beijing 100085 (CN). JIN, Zhongsheng [CN/CN]; No. 6 Chuang Ye Road, Shangdi Information Industry Base, Haidian District, Beijing 100085 (CN).

(74) DEQI INTELLECTUAL PROPERTY LAW CORPORATION; 8 Fl., Golder Plaza, No. 10 Huayuan-donglu, Haidian District, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/40, 17/13

(11) WO 2005/029320 (13) A2

(21) PCT/US2004/030098

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 10/666,809 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AUTOMATED APPROACH TO RESOLVING ARTIFICIAL ALGEBRAIC LOOPS

• APPROCHE AUTOMATISEE D'UNE RESOLUTION DE BOUCLES ALGEBRIQUES ARTIFICIELLES.

(71) THE MATHWORKS, INC. [US/US]; 3 Apple Hill Drive, Natick, MA 01760 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MOSTERMAN, Pieter, J. [NL/US]; 72 Nicholas Road #63, Framingham, MA 01701 (US). CIOLFI, John [US/US]; 32 Pickering Road, Wellesley, MA 02482 (US).

(74) CANNING, Kevin, J. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/44

(11) WO 2005/029321 (13) A1

(21) PCT/JP2004/013690

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-328762 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROGRAM CONVERSION METHOD AND CONVERSION TOOL

• PROCEDE DE CONVERSION DE PROGRAMME ET OUTIL DE CONVERSION

(71) CATENA CORPORATION [JP/JP]; 10-24, Shiomi 2-chome, Kohtoh-ku, Tokyo 135-8565 (JP). THE INSTITUTE OF COMPUTER BASED SOFTWARE METHODOLOGY AND TECHNOLOGY [JP/JP]; 11-3, Takanawa 3-chome, Minato-ku, Tokyo 108-0074 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) TAKEDA, Yozo [JP/JP]; 608-3, Kohukasaku, Minuma-ku, Saitama-shi, Saitama, 3300005 (JP). NEGORO, Fumio [JP/JP]; 967-64, Juniso, Kamakura-shi, Kanagawa, 2480001 (JP).

(74) TOMONO, Eizo; 24-10, Kyohnancho, 2-chome, Musashino-shi, Tokyo, 1800023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/44

(11) WO 2005/029322 (13) A1

(21) PCT/JP2004/013806

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(25) ja (26) ja

(30) 2003-330797 22 Sep/sep 2003 JP (22.09.2003)

(30) 2003-331373 24 Sep/sep 2003 JP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SOFTWARE GENERATION METHOD

• PROCEDE DE MISE AU POINT D'UN LOGICIEL

(71) CATENA CORPORATION [JP/JP]; 10-24, Shiomi 2-chome, Kohtoh-ku, Tokyo, 1358565 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) NEGORO, Fumio [JP/JP]; 967-64, Juniso, Kamakura-shi, Kanagawa, 2480001 (JP).

(74) TOMONO, Eizo; 24-10, Kyohnancho, 2-chome, Musashino-shi, Tokyo 1800023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/44

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(21) PCT/JP2004/013855

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ja (26) ja

(30) 2003-330772 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SOFTWARE GENERATION METHOD

• PROCÉDÉ DE GÉNÉRATION DE LOGICIEL

(71) CATENA CORPORATION [JP/JP]; 10-24, Shiomi 2-chome, Kohtoh-ku, Tokyo 1358565 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MEJRI, Mohamed [CA/CA]; c/o Computer Science Department, Laval University, Quebec G1K7P4 (CA). KTARI, Bechir [CA/CA]; c/o Computer Science Department, Laval University, Quebec G1K7P4 (CA). FUJITA, Hamido [JP/JP]; c/o Software and Information Science Department, Iwate Prefectural University, 152-52, Aza Sugo, Takizawa, Iwate-gun, Iwate 0200193 (JP).

(74) TOMONO, Eizo; 24-10, Kyohnancho, 2-chome, Musashino-shi, Tokyo 1800023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/44

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(30) 60/503,557 17 Sep/sep 2003 US (17.09.2003)

(30) 10/854,118 26 May/mai 2004 US (26.05.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AUTOMATED SOURCE CODE SOFTWARE PROGRAMMER'S MANUAL GENERATOR

• GENERATEUR AUTOMATISE DE MANUEL DE PROGRAMMEUR A PARTIR D'UN LOGICIEL A CODE SOURCE

(71) ELECTRONIC DATA SYSTEMS CORPORATION [US/US]; 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) KAMALAKANTHA, Chandra [IN/US]; 4401 Creekstone Drive, Plano, TX 75093 (US).

(74) MYSLIWIEC, Richard; EDS, 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

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(21) PCT/NZ2003/000217

(22) 24 Sep/sep 2003 (24.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR BOOTING A COMPUTER SYSTEM  
• PROCEDE ET APPAREIL D'AMORÇAGE DE SYSTÈME D'ORDINATEUR

(71, 72) O'CONNELL, Daniel, James [NZ/NZ]; 2 Somerville Road, Howick, 1015 Auckland (NZ).

(74) CARTWRIGHT, Peter, Harry; Pipers, 29 Waterloo Road, 6009 Lower Hutt (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/455

(11) WO 2005/029326 (13) A1

(21) PCT/US2004/029611

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/663,206 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • USE OF MULTIPLE VIRTUAL MACHINE MONITORS TO HANDLE PRIVILEGED EVENTS

• UTILISATION DE MULTIPLES CONTROLEURS DE MACHINES VIRTUELLES AFIN DE GERER DES EVENEMENTS PRIVILEGES

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEIGER, Gilbert [—/US]; 2424 NE 11th Avenue, Portland, OR 97212 (US).

BENNETT, Steven [—/US]; 6469 SE Sigrid Street, Hillsboro, OR 97123 (US). KAGI, Alain [—/US]; 3624 SE Crystal Springs Boulevard, Portland, OR 97202 (US).

JEYASINGH, Stalinselvaraj [—/US]; 16893 NW Tucson Street, Beaverton, OR 97006 (US).

ANDERSON, Andrew [—/US]; 677 SE 68th Avenue, Hillsboro, OR 97123 (US).

UHLIG, Richard [—/US]; 1564 NE Orenco Station Parkway West, Hillsboro, OR 97124 (US).

COTA-ROBLES, Erik [—/US]; 11790 SW Lanewood, Portland, OR 97225 (US).

RODGERS, Scott [—/US]; 452 SW Brookwood Avenue, Hillsboro, OR 97123 (US).

SMITH, Lawrence, III [—/US]; 14995 NW Northumbria, Beaverton, OR 97006 (US).

(74) VINCENT, Lester, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 10/663,205 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VECTORING AN INTERRUPT OR EXCEPTION UPON RESUMING OPERATION OF A VIRTUAL MACHINE

• VECTORISATION D'UNE INTERRUPTION OU D'UNE EXCEPTION AU MOMENT DE LA REPRISE DU FONCTIONNEMENT D'UNE MACHINE VIRTUELLE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) BENNETT, Stephen; 6469 SE Sigrid Street, Hillsboro, OR 97123 (US).

ANDERSON, Andrew; 677 SE 68th Avenue, Hillsboro, OR 97123 (US).

JEYASINGH, Stalinselvaraj; 16893 NW Tucson Street, Beaverton, OR 97006 (US).

KAGI, Alain; 3624 SE Crystal Springs Boulevard, Portland, OR 97202 (US).

NEIGER, Gilbert; 2424 NE 11th Avenue, Portland, OR 97212 (US).

UHLIG, Richard; 1564 NE Orenco Station Parkway West, Hillsboro, OR 97124 (US).

KOZUCH, Michael; 280 Jefferson Street, Export, PA 15632 (US).

SMITH, Lawrence, III; 14995 NW Northumbria, Beaverton, OR 97006 (US).

RODGERS, Scott; 452 SW Brookwood Avenue, Hillsboro, OR 97123 (US).

(only for / seulement pour US)

(74) VINCENT, Lester, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06F 11/00, 11/30, 9/42

(11) WO 2005/029328 (13) A1

(21) PCT/JP2004/013643

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-326982 18 Sep/sep 2003 JP (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • OPERATING SYSTEM AND RECORDING MEDIUM CONTAINING THE SAME

• SYSTEME D'EXPLOITATION ET SUPPORT D'ENREGISTREMENT LE CONTENANT

(71) Denki Hompo LTD. [JP/JP]; Suzuki Bldg.6F A, 2-16, Takanawa 1-chome, Minato-ku Tokyo, 1080074 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YUI, Kiyoto [JP/JP]; Suzuki Bldg.6F, 2-16, Takanawa 1-chome, Minato-ku Tokyo, 1080074 (JP).

(74) KINOSHITA, Shigeru; 4TH FL.KANEKO BLDG., 42, Nakasaiwai-cho 4-chome, Saiwai-ku, Kawasaki-shi Kanagawa, 2120012 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 11/00

(11) WO 2005/029329 (13) A2

(21) PCT/US2004/030127

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 60/503,710 15 Sep/sep 2003 US (15.09.2003)

(30) 10/740,779 18 Dec/déc 2003 US (18.12.2003)

(30) 10/740,722 18 Dec/déc 2003 US (18.12.2003)

(30) 10/740,721 18 Dec/déc 2003 US (18.12.2003)

(30) 10/740,723 18 Dec/déc 2003 US (18.12.2003)

(30) 10/876,340 23 Jun/juin 2004 US (23.06.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A SYSTEM AND METHOD FOR TESTING AND CONFIGURING SEMICONDUCTOR FUNCTIONAL CIRCUITS

• SYSTEME ET PROCEDE D'ESSAI ET DE CONFIGURATION DE CIRCUITS FONCTIONNELS A SEMI-CONDUCTEUR

(63) US 60/503,710 (CON) 15 Sep/sep 2003 (15.09.2003)

(71) NVIDIA CORPORATION [US/US]; 2701 San Tomas Expressway, Santa Clara, CA 95050 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DIAMOND, Michael, B. [US/US]; 164 A Belwood Court, Los Gatos, CA 95032 (US). MONTRYM, John, S. [US/US]; 10451 Serra Street, Cupertino, CA 95014 (US). VAN DYKE, James, M. [US/US]; 10608 Glass Mountain Trail, Austin, TX 78750 (US). NAGY, Michael, B. [US/US]; 29303 Whitingham Court, Agoura Hills, CA 91301 (US). TREICHLER, Sean, J. [US/US]; 1141 Katie Court, Mountain View, CA 94040 (US).

(74) GALLENSON, Mavis, S. et al. / etc.; 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-5679 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 12/00

(11) WO 2005/029330 (13) A1

(21) PCT/JP2004/013390

(22) 8 Sep/sep 2004 (08.09.2004)

(25) ja (26) ja

(30) 2003-328521 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INFORMATION RECORDING DEVICE, INFORMATION RECORDING METHOD, AND RECORDING PROGRAM

• DISPOSITIF D'ENREGISTREMENT D'INFORMATIONS, PROCÉDE D'ENREGISTREMENT D'INFORMATIONS ET PROGRAMME D'ENREGISTREMENT

(71) KONICA MINOLTA PHOTO IMAGING, INC. [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UEDA, Yutaka [JP/JP]; c/o Konica Minolta Photo Imaging, Inc., 2970, Ishikawa-machi, Hachioji-shi, Tokyo 192-8505 (JP). TAKEMURA, Koji [JP/JP]; c/o Konica Minolta Photo Imaging, Inc., 2970, Ishikawa-machi, Hachioji-shi, Tokyo 192-8505 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 12/00, 12/14, H04N 7/173

(11) WO 2005/029331 (13) A1

(21) PCT/JP2004/013520

(22) 16 Sep/sep 2004 (16.09.2004)

(25) ja (26) ja

(30) 2003-328125 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR UPDATING FUNCTION META DATA USED FOR CONSUMING DIGITAL ITEM

• PROCÉDE PERMETTANT D'ACTUALISER DES METADONNEES

DE FONCTION UTILISEES POUR CONSOMMER UN ARTICLE NUMERIQUE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUANG, ZhongyangSHEN, Sheng, MEISENOH, Takanori

(74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 12/00

(11) WO 2005/029332 (13) A1

(21) PCT/JP2004/009891

(22) 6 Jul/juil 2004 (06.07.2004)

(25) ja (26) ja

(30) 2003-332565 24 Sep/sep 2003 JP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DATABASE SCHEMER UPDATE METHOD

• PROCÉDE DE MISE A JOUR D'UN SCHEMA DE BASE DE DONNEES

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IWATSU, Takeshi [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SAKOH, Noriyuki [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) TANABE, Shigemoto; Tokiwa Building 5th Floor, 6-4, Osaki 3-chome, Shinagawa-ku, Tokyo 141-0032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

- CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- (51)<sup>7</sup> **G06F 12/00**
- (11) **WO 2005/029333** (13) A1
- (21) PCT/US2004/029945
- (22) **13 Sep/sep 2004 (13.09.2004)**
- (25) en (26) en
- (30) 60/502,299 **12 Sep/sep 2003 US (12.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • TRACKING AND REPLICATING FILE SYSTEM CHANGES
- REPERAGE ET REPRODUCTION DE MODIFICATIONS DE SYSTEMES DE FICHIERS
- (71) **LEVANTA, INC.** [US/US]; 650 Townsend Street, San Francisco, CA 94103 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FINEBERG, Adam** [US/US]; 12761 Saratoga Glen Court, Saratoga, CA 95070 (US). **KHAN, Akmal** [US/US]; 16 Palmer Drive, Novato, CA 94949 (US).
- (74) **BROWNSTONE, Daniel, R.** et al. / etc.; Fenwick & West LLP, 801 California Street, Mountain View, CA 94041 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 12/08**
- (11) **WO 2005/029335** (13) A2
- (21) PCT/US2004/029687
- (22) **10 Sep/sep 2004 (10.09.2004)**
- (25) en (26) en
- (30) 10/662,093 **12 Sep/sep 2003 US (12.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND APPARATUS FOR JOINT CACHE COHERENCY STATES IN MULTI-INTERFACE CACHES
- PROCEDE ET APPAREIL POUR ETATS ASSOCIES DE COHERENCE D'ANTEMEMOIRES DANS DES ANTEMEMOIRES A PLUSIEURS INTERFACES
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **GILBERT, Jeffrey**; 8740 SW Birchwood Road, Portland, OR 97225 (US). **CHENG, Kai**; 15885 NW Trakehner Way, Portland, OR 97229 (US).
- (74) **VINCENT, Lester, J.** et al. / etc.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 12/00**
- (11) **WO 2005/029334** (13) A2
- (21) PCT/US2004/030618
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) en (26) en
- (30) 60/504,230 **19 Sep/sep 2003 US (19.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD OF DESIGNING STORAGE SYSTEM
- PROCEDE DE CONCEPTION D'UN SYSTEME DE STOCKAGE
- (71) **HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.** [US/US]; 20555 S.H. 249, Houston, TX 77070 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KEETON, Kimberly** [US/US]; 1066 Miller Avenue, Berkeley, CA 94709 (US). **WILKES, John** [GB/US]; 378 Park Blvd, Palo Alto, CA 94306 (US).
- (74) **LANGE, Richard P.**; Hewlett-Packard Company, Intellectual Property Administration, P.O. Box 272400, Fort Collins, CO 80527-2400 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) ja (26) ja
- (30) 2003-327032 **19 Sep/sep 2003 JP (19.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CACHE MEMORY AND CACHE MEMORY CONTROL METHOD
- ANTEMEMOIRE ET PROCEDE DE COMMANDE D'ANTEMEMOIRE
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TANAKA, Tetsuya** NAKANISHI, Ryuta KIYOHARA, Tokuzou MORISHITA, Hiroyuki CHIKAMURA, Keishi
- (74) **NII, Hiromori**; c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suehiro Center Bldg., 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi, Osaka, 5320011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 13/00, H04L 12/66**
- (11) **WO 2005/029337** (13) A1
- (21) PCT/JP2003/012066
- (22) **22 Sep/sep 2003 (22.09.2003)**
- (25) ja (26) ja
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DATA COMMUNICATION SYSTEM, PROGRAM, AND RECORDING MEDIUM
- PROGRAMME ET SYSTEME DE COMMUNICATION DE DONNEES AINSI QUE SUPPORT D'ENREGISTREMENT
- (71) **JAPAN MEDIA SYSTEMS CORP.** [JP/JP]; No.2 Denpa Bldg., 14-10, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SHINODA, Koichi** [JP/JP]; c/o Japan Media Systems Corp., No.2 Denpa Bldg., 14-10, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP). **TOGASHI, Hiroaki** [JP/JP]; c/o Japan Media Systems Corp., No.2 Denpa Bldg., 14-10, Sotokanda 2-chome, Chiyoda-ku, Tokyo 101-0021 (JP).
- (74) **NAKAMURA, Kazuo**; Nakamura International Patent Office, Suzuki bldg. 201, 60-2, Nishikamata 7-chome, Ota-ku, Tokyo 144-0051 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NI NO NZ OM PG PH PL PT  
RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG US UZ VC VN YU ZA  
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> G06F 13/00, H04L 12/56

(11) WO 2005/029338 (13) A1

(21) PCT/JP2004/013530

(22) 16 Sep/sep 2004 (16.09.2004)

(25) ja (26) ja

(30) 2003-325950 18 Sep/sep 2003 JP  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DATA TRANSFER METHOD, COMMUN-  
ICATION SYSTEM, AND COMMUNI-  
CATION APPARATUS  
• PROCEDE DE TRANSFERT DE DON-  
NEES, SYSTEME DE COMMUNICA-  
TION ET APPAREIL DE COMMUNI-  
CATION

(71) NOMURA RESEARCH INSTITUTE  
CO., LTD. [JP/JP]; 2-1, Otemachi 2-chome,  
Chiyoda-ku, Tokyo, 1000004 (JP).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) TATENO, Shuji [JP/JP]; c/o Nomura  
Research Institute, Co., Ltd., 2-1, Otemachi  
2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).  
TERAOKA, Masaya [JP/JP]; c/o Nomura  
Research Institute, Co., Ltd., 2-1, Otemachi  
2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).  
TAMAGAWA, Tetsuji [JP/JP]; c/o Nomura  
Research Institute Co., Ltd., 2-1, Otemachi  
2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(74) WILLFORT INTERNATIONAL; Kunii  
Bldg, 2F, 16, Kanada Konyacho, Chiyoda-ku,  
Tokyo, 1010035 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 13/00, H04M 11/00

(11) WO 2005/029339 (13) A1

(21) PCT/JP2004/013639

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-328903 19 Sep/sep 2003 JP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MESSAGE DISPLAY TERMINAL,  
GATEWAY SERVER, MESSAGE DIS-  
PLAY TERMINAL PROGRAM, AND  
GATEWAY SERVER PROGRAM

• TERMINAL D'AFFICHAGE DE MES-  
SAGE, SERVEUR PASSERELLE,  
PROGRAMME DE TERMINAL  
D'AFFICHAGE DE MESSAGE, ET PRO-  
GRAMME SERVEUR PASSERELLE

(71) ACCESS CO., LTD. [JP/JP]; 2-8-16, Saru-  
gaku-cho, Chiyoda-ku, Tokyo, 1010064 (JP).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) KAMADA, Tomihisa [JP/JP]; c/o AC-  
CESS CO., LTD. 2-8-16, Sarugaku-cho,  
Chiyoda-ku, Tokyo, 1010064 (JP). FUEKI,  
Kazumasa [JP/DE]; c/o ACCESS Systems  
Europe GmbH, Essener Str. 5, TZU-IV  
D-46047 Oberhausen (DE). WATANABE,  
Tomonori [JP/DE]; c/o ACCESS Systems  
Europe GmbH, Essener Str. 5, TZU-IV  
D-46047 Oberhausen (DE). MONTA, Aki-  
hito [JP/DE]; c/o ACCESS Systems Europe  
GmbH, Essener Str. 5, TZU-IV D-46047  
Oberhausen (DE). FUKUDA, Toshihiko  
[JP/ES]; Tellez, 30, Esc. 14, 5-3, 28007  
Madrid (ES).

(74) MATSUOKA, Shuhei; Shin-Toshi-Cen-  
ter Bldg. 6F, 24-1, Tsurumaki 1-chome,  
Tama-shi, Tokyo 2060034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 13/00, 15/00

(11) WO 2005/029340 (13) A1

(21) PCT/JP2004/013715

(22) 14 Sep/sep 2004 (14.09.2004)

(25) ja (26) ja

(30) 2003-325182 17 Sep/sep 2003 JP  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HOME ELECTRICAL DEVICE CON-  
TROL NETWORK SYSTEM

• SYSTEME RESEAU DE COMMANDE  
DE DISPOSITIFS ELECTRIQUES DO-  
MESTIQUES

(71) MATSUSHITA ELECTRIC INDUS-  
TRIAL CO., LTD. [JP/JP]; 1006, Oaza  
Kadoma, Kadoma-shi, Osaka 5718501 (JP).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) KAMITSUJI, Takahiko MURAKAMI,  
Takashi SHINTANI, Yasuyuki SHODA,  
Akira

(74) NII, Hiromori; c/o NII Patent Firm,  
3rd Floor, Shin-Osaka Suhiro Center

Bldg., 11-26, Nishinakajima 3-chome, Yo-  
dogawa-ku, Osaka-shi, Osaka 5320011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 13/14

(11) WO 2005/029341 (13) A1

(21) PCT/IB2004/051819

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 60/505,069 23 Sep/sep 2003 US  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR  
MASTER/SLAVE DIRECT MEMORY  
ACCESS HARDWARE AND SOFT-  
WARE CONTROL

• PROCEDES ET APPAREILS DE COM-  
MANDE DE MATERIEL ET DE LOGI-  
CIEL D'ACCES DIRECT MEMOIRE DE  
TYPE MAITRE/ESCLAVE

(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS, N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(71) U.S. PHILIPS CORPORATION [US/US];  
1251 Avenue of the Americas, New York,  
New York 10020 (US).  
*(only for / seulement pour AE)*

(72, 75) FREDERIKS, Guido [NL/US]; Groe-  
newoudseweg 1, NL-5621 BA Eindhoven  
(NL).

(74) KONINKLIJKE PHILIPS ELECTRON-  
ICS, N.V.; c/o LESTER, Shannon, 1109  
McKay Drive, M/S-SJ41, San Jose, Califor-  
nia 95131-1706 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(f) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> G06F 15/00

(11) WO 2005/029342 (13) A1

(21) PCT/US2003/026170

(22) 21 Aug/août 2003 (21.08.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRONIC INK PROCESSING

• TRAITEMENT D'ENCRE ELECTRO-  
NIQUE

(71) MICROSOFT CORPORATION [US/US];  
One Microsoft Way, Redmond, WA 98052  
(US).

(72) DUNCAN, Richard; 842 Kirkland Avenue,  
Kirkland, WA 98033 (US). SUTANTO,  
Herry; Microsoft Corporation, One Mi-  
crosoft Way, Redmond, WA 98052 (US).  
WAKEAM, Jamie; 18941 NE 68th Street,  
Redmond, WA 98052 (US). RAGHU-  
PATHY, Sashi; 16114 N.E. 49th Court,  
Redmond, WA 98052 (US). KANNAPEL,  
Timothy, H.; 15501 S.E. 46th Way, Belle-  
vue, WA 98006 (US). SZILAGYI, Zoltan;  
Microsoft Corporation, One Microsoft Way,  
Redmond, WA 98052 (US).

(74) RAUCHHOLZ, William, F.; Banner & Wit-  
coff, LTD, 11th Floor, 1001 G Street, NW,  
Washington, DC 20001-4592 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG UZ VC VN YU ZA  
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

Published / Publiée : (a)

(51)<sup>7</sup> G06F 15/02

(11) WO 2005/029343 (13) A1

(21) PCT/KR2004/001815

(22) 21 Jul/juil 2004 (21.07.2004)

(25) en (26) en

(30) 20-2003-0030178 24 Sep/sep 2003 KR  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • WIRELESS ELECTRONIC PEN

• PLUME ELECTRONIQUE SANS FIL

(71, 72) GO, Hyeon Hyun [KR/KR]; 215-507,  
Dongshin APT, 313-1 Jungja 1-dong, Jan-  
gan-gu, Suwon-shi, Gyeonggi-do 440-707  
(KR).

(74) HAN, Sang Hyuk; Dugyu B/D 2F, 943-14  
Daechi-dong, Kangnam-gu, Seoul 135-845  
(KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 15/16, 15/173

(11) WO 2005/029344 (13) A1

(21) PCT/US2003/026419

(22) 22 Aug/août 2003 (22.08.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AUTOLOGGING THE PRESENCE OF A  
WIRELESS LOCAL AREA NETWORK

• ENREGISTREMENT AUTOMATIQUE  
DE LA PRESENCE D'UN RESEAU LO-  
CAL SANS FIL

(71) THOMSON LICENSING S.A. [FR/FR];  
46, Quai A. Le Gallo, F-92648 Boulogne  
(FR).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) LITWIN, Louis, Robert [US/US];  
34-14 Quail Ridge Drive, Plainsboro, NJ  
08536 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; c/o Thom-  
son Licensing Inc., 2 Independence Way Suite  
2, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> G06F 15/16

(11) WO 2005/029345 (13) A1

(21) PCT/US2004/029895

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 60/502,384 12 Sep/sep 2003 US  
(12.09.2003)

(30) 10/935,891 8 Sep/sep 2004 US  
(08.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMMUNICATION MANAGEMENT  
SYSTEM

• SYSTEME DE GESTION DE COMMU-  
NICATION

(71) MIRRA, INC. [US/US]; 150 Mathilda  
Place, Suite 450, Sunnyvale, CA 94086 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72) BUCHER, Tim; 1230 Brentwood Street,  
Los Altos, CA 94024 (US). SAVAGE, James,  
A., III; 5380 Hammerton Court, San Jose,  
CA 95118 (US).

(74) ISRAELSEN, Burns, R. et al. / etc.; Work-  
man Nydegger, 1000 Eagle Gate Tower, 60  
East South Temple, Salt Lake City, UT 84111  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06F 15/163

(11) WO 2005/029346 (13) A1

(21) PCT/AU2003/001258

(22) 24 Sep/sep 2003 (24.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND SYSTEM FOR MAN-  
AGEMENT AND PUBLICATION OF  
MEDIA ASSETS IN A DISTRIBUTED  
NETWORK

• PROCEDE ET SYSTEME DE GESTION  
ET DE PUBLICATION DE FOND MUL-  
TIMEDIA DANS UN RESEAU DISTRI-  
BUE

(71) MAGIAN DESIGN STUDIO PTY LTD  
[AU/AU]; 79 Power Street, Hawthorn, Vic-  
toria 3122 (AU).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) GILBERT, Les [AU/AU]; 79 Power  
Street, Hawthorn, Victoria 3122 (AU).

(74) FREEHILLS CARTER SMITH BEA-  
DLE; Level 43, 101 Collins Street, Mel-  
bourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NI NO NZ OM PG PH PL PT



RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 15/163

(11) WO 2005/029347 (13) A2

(21) PCT/IB2004/051685

(22) 3 Sep/sep 2004 (03.09.2004)

(25) en (26) en

(30) 03103460.6 19 Sep/sep 2003 EP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INTEGRATED CIRCUIT WITH A PLURALITY OF COMMUNICATING DIGITAL SIGNAL PROCESSORS

• CIRCUIT INTEGRE EQUIPE D'UNE PLURALITE DE PROCESSEURS DE SIGNAUX NUMERIQUES MIS EN COMMUNICATION

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN DEN BERG, Henricus, H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). POL, Evert-Jan, D. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DE JONG, Durk, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G06F 15/173

(11) WO 2005/029348 (13) A1

(21) PCT/US2004/029638

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/667,132 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INTELLIGENT MODULAR SERVER MANAGEMENT SYSTEM FOR SELECTIVELY OPERATING AND LOCATING A PLURALITY OF COMPUTERS

• SYSTEME DE GESTION DE SERVEURS MODULAIRE INTELLIGENT POUR FAIRE FONCTIONNER ET LOCALISER SELECTIVEMENT UNE PLURALITE D'ORDINATEURS

(71) RIIP, INC. [US/US]; 400 Cottontail Lane, Somerset, NJ 08873 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) CHEN, Alan; 1F., No.11, Lane 25, Sec.3, Hsin-Sheng Rd., Taipei 104, Taiwan (CN). HSIEH, David; 5F., No. 114, Sec.5 Roosevelt Rd., Taipei 117, Taiwan (CN). KAN, Tomy; 6F., No.51, Ming-Chu Rd., Hsin-Tein, Taipei Hsien 231, Taiwan (CN).

(74) HILL, David, M.; Ward & Olivo, 708 Third Avenue, New York, NY 10017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/00

(11) WO 2005/029349 (13) A1

(21) PCT/KR2004/002249

(22) 6 Sep/sep 2004 (06.09.2004)

(25) ko (26) en

(30) 10-2003-0066698 25 Sep/sep 2003 KR (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ACCESSORY, SYSTEM AND METHOD FOR PROVIDING INFORMATION CONTENTS

• ACCESSOIRE, SYSTEME ET PROCEDE PERMETTANT DE FOURNIR DES CONTENUS DE DONNEES

(71, 72) KANG, Su-Hyun [KR/KR]; 1307-3, Dosan-dong, Kwangsan-gu, Kwangju 506-020 (KR).

(74) HAN, Sung-Kwan; 405, Sangji BD., 1125-10, Guro-dong, Guro-gu, Seoul 152-050 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/00

(11) WO 2005/029350 (13) A1

(21) PCT/KR2004/002453

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 10-2003-0066638 25 Sep/sep 2003 KR (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEMS AND METHODS OF PROVIDING MULTI-MEDIA CONTENTS FOR PSYCHOTHERAPY

• SYSTEMES ET PROCEDES DE GENERATION DE CONTENUS MULTIMEDIA DESTINES A LA PSYCHOTHERAPIE

(71) EMOSYSTEM CO., LTD. [KR/KR]; 815, 816, Ilsan Technotown, 1141-1, Baekseok-dong, Ilsan-gu, Gyeonggi-do, 411-360 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARK, Ki, Ko [KR/KR]; 209-701, Woo Seong Apt., 96, Seohyeon-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, 463-050 (KR).

(74) KIM, Sun-Young; Korea Coal Center, 10th Floor, 80-6 Susong-dong, Chongro-Ku, Seoul, 110-727 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/00 // 159:00

(11) WO 2005/029351 (13) A1

(21) PCT/RU2003/000578

(22) 24 Dec/déc 2003 (24.12.2003)

(25) en (26) en

(30) 2003128413 22 Sep/sep 2003 RU (22.09.2003)

- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD OF MODELING AND PREDICTING BINDING OF LIGAND MOLECULES TO TARGET MOLECULES BY METHODS OF QUANTUM MECHANICS TAKING EFFECT OF SOLVENT INTO ACCOUNT
- PROCEDE DE MODELAGE ET DE PREVISION DE LIAISON DE MOLECULES LIGANDS A DES MOLECULES CIBLES, AU MOYEN DE PROCEDES DE MECANIQUE QUANTIQUE PRENANT EN CONSIDERATION L'EFFET D'UN SOLVANT
- (71) **ALGODIGN, LLC** [US/US]; 15 East North Street, Dover, Delaware 19901 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **NIKITINA, Ekaterina Alexandrovna** [RU/RU]; Leninsky pr-t, 66-292, 117296 Moscow (RU). **SULIMOV, Vladimir Borisovich** [RU/RU]; ul. Teply Stan, 7-2-33, 117465 Moscow (RU). **ROMANOV, Alexei Nikolaevich** [RU/RU]; ul. Krasnokazarmenaya, 10-20, 111250 Moscow (RU).
- (74) **LAW FIRM "GORODISSKY & PARTNERS" LTD**; Galina EGOROVA, Alexander MITS, ul. B.Spasskaya, 25, stroenie 3, 129010 Moscow (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 17/21, 17/24, 13/00, 17/30**
- (11) **WO 2005/029353** (13) A1
- (21) PCT/JP2003/011887
- (22) **18 Sep/sep 2003 (18.09.2003)**
- (25) ja (26) ja
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • REMARK MANAGEMENT SYSTEM, REMARK MANAGEMENT METHOD, DOCUMENT CONVERSION SERVER, DOCUMENT CONVERSION PROGRAM, ELECTRONIC DOCUMENT ADDITION PROGRAM
- SYSTEME ET PROCEDE DE GESTION DE REMARQUES, SERVEUR ET PROGRAMME DE CONVERSION DE DOCUMENTS, PROGRAMME D'ADDITION DE DOCUMENT ELECTRONIQUE
- (71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SHIMIZU, Seiya** [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) **AKAZAWA, Hideo**; Nos. 317 & 318, Sanno Urban Life, 1-8, Sanno 2-chome, Ota-ku, Tokyo 143-0023 (JP).
- (81) JP US.
- 
- (51)<sup>7</sup> **G06F 17/30**
- (11) **WO 2005/029354** (13) A1
- (21) PCT/EP2004/010267
- (22) **14 Sep/sep 2004 (14.09.2004)**
- (25) en (26) en
- (30) 10/666,942 **19 Sep/sep 2003 US (19.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • EXTRACTING RECORD CONTENT
- EXTRACTION DE CONTENU D'ENREGISTREMENTS
- (71) **SAP AKTIENGESELLSCHAT** [DE/DE]; Neurottrst. 16, 69190 Walldorf (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WANG, Peng** [CN/DE]; Erich-Kaestner Str. 2, 69190 Walldorf (DE). **WEDDELING, Peter** [DE/DE]; Kurpfalzstr. 60, 74889 Sinsheim (DE). **SIEBER, Peter** [DE/DE]; Gerbersruhstr. 82, 69168 Wiesloch (DE). **GONZALEZ SECO, Jose** [ES/DE]; Eichendorff Str. 10, 69190 Walldorf (DE). **FUSSER, Sandra** [DE/DE]; Franz-Peter-Sigel Str.24, 76669 Bad Schoenborn (DE). **GSCHNITZER, Oswald** [AT/DE]; Schwetzing Str. 143, 69124 Heidelberg (DE).
- (74) **ROCKE, Carsten**; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G06F 17/30**
- (11) **WO 2005/029355** (13) A1
- (21) PCT/EP2004/003879
- (22) **13 Apr/avr 2004 (13.04.2004)**
- (25) de (26) de
- (30) 103 38 870.2 **20 Aug/août 2003 DE (20.08.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR THE DYNAMIC ANIMATION, PROCESSING AND ADMINISTRATION OF DIGITISED IMAGES IN INTERNET DATABASES
- PROCEDE D'ANIMATION DYNAMIQUE, DE TRAITEMENT ET DE GESTION D'IMAGES NUMERISEES DANS DES BASES DE DONNEES SUR INTERNET
- (71) **INTERNETKLOSTER SOFTWARE GMBH** [AT/AT]; Kapuzinerberg 9, A 5020 Salzburg (AT).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DILL, Alexander** [DE/DE]; Wonnau 1, 83317 Teisendorf (DE).
- (74) **BITTNER, Thomas, L.** et al. / etc.; BOEHMERT & BOEHMERT, Hollerallee 32, 28209 Bremen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> G06F 17/30

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(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/671,295 25 Sep/sep 2003 US  
(25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD, SYSTEM AND PROGRAM  
FOR DATA SYNCHRONIZATION  
• PROCÉDE, SYSTEME ET PRO-  
GRAMME DE SYNCHRONISATION  
DE DONNEES

(71) INTERNATIONAL BUSINESS MA-  
CHINES CORPORATION [US/US]; IBM  
Corporation, New Orchard Road, Armonk,  
NY 10504 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(71) COMPAGNIE IBM FRANCE [FR/FR];  
Tour Descartes, La Défense 5, 2, avenue  
Gambetta, F-92400 Courbevoie (FR).  
(only for / seulement pour MC)

(72, 75) WOLGANG, John Jay [US/US]; 3460  
West Quail Haven Circle, Tucson, AZ 85745  
(US). BOYD, Kenneth, Wayne [US/US];  
855 N. Camino Cordon, Tucson, AZ 85748  
(US). DAY, Kenneth, Fairclough [US/US];  
730 N. Lazy J Way, Tucson, AZ 85748 (US).  
DOATMAS, Philip, Matthew [US/US];  
6700 N. Starshine Drive, Tucson, AZ 85741  
(US). DAHMAN, Kirby, Grant [US/US];  
3614 East Kingler Spring Place, Tucson, AZ  
85718 (US).

(74) ZERBI, Guido; IBM France, Intellectual  
Property Dept., Le Plan du Bois, F-06610 La  
Gaude (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G06F 17/30, H04L 12/18

(11) WO 2005/029357 (13) A1

(21) PCT/FI2004/000472

(22) 9 Aug/août 2004 (09.08.2004)

(25) fi (26) en

(30) 20031358 22 Sep/sep 2003 FI  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR REMOTE CONTROL-  
LING OF WWW-BROWSER  
• PROCÉDE DE COMMANDE A DIS-  
TANCE D'UN NAVIGATEUR WEB

(71) XORTEC OY [FI/FI]; Hermiankatu 6-8,  
FI-33720 Tampere (FI).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KOSKENSILTA, Aatu [FI/FI]; Pyhäjär-  
venkatu 6 D 80, FI-33200 Tampere (FI).

(74) KANGASMÄKI, Reijo; Finnish Patent  
Consulting FPC, Hermiankatu 14, FI-33720  
Tampere (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 17/30

(11) WO 2005/029358 (13) A1

(21) PCT/GB2003/004113

(22) 17 Sep/sep 2003 (17.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SEARCH METHOD AND SYSTEM  
• PROCÉDE ET SYSTÈME DE RE-  
CHERCHE

(71) UNIVERSITY OF HERTFORDSHIRE  
[GB/GB]; Hatfield, Hertfordshire AL10 9AB  
(GB).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SAWARD, Guy, Robert, Earl, Spencer  
[GB/GB]; University of Hertfordshire, De-  
partment of Computer Science, Hatfield,  
Hertfordshire AL10 9AB (GB).

(74) GOODMAN, Simon, John, Nye; Reddie &  
Grose, 16 Theobalds Road, London WC1X  
8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NI NO NZ OM PG PH PL PT  
RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG US UZ VC VN YU ZA  
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> G06F 17/30

(11) WO 2005/029359 (13) A2

(21) PCT/IB2004/003454

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,139 19 Sep/sep 2003 US  
(19.09.2003)

(30) 10/942,665 15 Sep/sep 2004 US  
(15.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DATA COMMUNICATION FACILITAT-  
ING  
• FACILITER LES ECHANGES DE DON-  
NEES

(63) US 60/504,139 (CIP)  
19 Sep/sep 2003 (19.09.2003)

(71, 72) OSMANI, Adnan [IE/IE]; 83 Brook-  
field, Mullingar, Co. Westmeath (IE).

(74) POTTER, Julian, Mark; Mintz Levin Cohn  
Ferris Glovsky & Popeo Intellectual Property  
LLP, The Rectory, 9 Ironmonger Lane, Lon-  
don EC2V 8EY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US (Patent  
/ brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 17/30

(11) WO 2005/029360 (13) A1

(21) PCT/IB2004/051745

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 03103486.1 22 Sep/sep 2003 EP  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PHASED OFFLOADING OF CONTENT  
INFORMATION  
• TELECHARGEMENT EN PHASES  
D'INFORMATIONS DE CONTENU

(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) PESSOLANO, Francesco [IT/NL]; c/o  
Prof. Holstlaan 6, NL-5656 AA Eindhoven  
(NL). BARBIERI, Mauro [IT/NL]; c/o Prof.  
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) VERDONK, Peter, L., F., M.; Prof. Holst-  
laan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declaration / Déclaration :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G06F 17/30

(11) WO 2005/029361 (13) A1

(21) PCT/JP2004/012515

(22) 31 Aug/août 2004 (31.08.2004)

(25) ja (26) ja

(30) 2003-332365 24 Sep/sep 2003 JP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • SIGHTSEEING INFORMATION PROVIDING SERVER, METHOD, AND PROGRAM

• SERVEUR FOURNISSANT DE L'INFORMATION DE VISITE TOURISTIQUE, PROCEDE ET LOGICIEL

(71) NEC Corporation [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIRATA, Kyoji [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).

(74) MARUYAMA, Takao; MARUYAMA PATENT OFFICE, SAM Build. 3floor, 38-23, Higashi-Ikebukuro 2-chome, Toshima-ku, Tokyo, 1700013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/NZ2004/000228

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 528385 22 Sep/sep 2003 NZ (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • ENHANCED SEARCH ENGINE

• MOTEUR DE RECHERCHE AME-LIORE

(71) EUREKSTER, INC. [NZ/NZ]; Level 6, Clear Centre, 155 Worcester Street, Christchurch (NZ).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CONE, Julian, Malcolm [NZ/NZ]; 168a Roase Street, Cashmere, Christchurch (NZ).

FRANKLIN, Gary, Lee [US/NZ]; 8 Royds Street, Fendalton, Christchurch (NZ).

GRANTHAM, Michael, Arthur [NZ/NZ]; 47 Parklands Drive, huntsbury, Christchurch (NZ).

MUNRO, Wayne, Alistair [NZ/NZ]; 19a Lookaway Place, Hillsborough, Christchurch (NZ).

RYAN, Grant, James [NZ/NZ]; 2 Rhodesvale Terrace, Cashmere, Christchurch (NZ).

RYAN, Shaun, William [US/NZ]; 129 Fisher Avenue, Beckenham, Christchurch (NZ).

STALKER, William, Ferguson [NZ/NZ]; 239 Major Hornbrook Road, Mt Pleasant, Christchurch (NZ).

(74) WILSON, Kathryn, S. et al. / etc.; Level 3, Spicers Building., 329 Durham Street., P.O. Box 2201, Christchurch (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/30

(11) WO 2005/029363 (13) A1

(21) PCT/US2003/026150

(22) 21 Aug/août 2003 (21.08.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • SYSTEMS AND METHODS FOR INTERFACING APPLICATION PROGRAMS WITH AN ITEM-BASED STORAGE PLATFORM

• SYSTEMES ET PROCEDES D'INTERFAÇAGE DE PROGRAMMES D'APPLICATIONS DOTES D'UNE PLATE-FORME DE STOCKAGE BASEE SUR DES ARTICLES

(71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052-6399 (US).

(72) WU, Winnie, C.; 13305 SE 58th Place, Bellevue, WA 98006 (US). DEEM, Michael, E.; 13403 NE 70th Street, Redmond, WA 98052 (US). SHEPPARD, Edward, G.; 8910 SE 45th Street, Mercer Island, WA 98040 (US). FANG, Lijiang; 23618 NE 25th Way, Sammamish, WA 98074 (US). LI, Jian; 14415 NE 39th Street, #2120, Bellevue, WA 98007 (US). TAYLOR, Michael, B.; 5510 NE 70th Street, Seattle, WA 98115 (US).

(74) ROCCI, Steven, J. et al. / etc.; Woodcock Washburn LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2005/029364 (13) A1

(21) PCT/US2004/013848

(22) 5 May/mai 2004 (05.05.2004)

(25) en (26) en

(30) 60/468,126 5 May/mai 2003 US (05.05.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • SYSTEM AND METHOD FOR MANAGING DYNAMIC CONTENT ASSEMBLY

• SYSTEME ET PROCEDE DE GESTION D'ASSEMBLAGE DE CONTENU DYNAMIQUE

(71) ARBORTEXT, INC. [US/US]; 1000 Victors Way, Ann Arbor, MI 48108 (US). FANG, Ying-Che [US/US]; 3169 Tiger Lily Ct., Ann Arbor, MI 48103 (US). GROSSO, Paul, B. [US/US]; 2100 Westlake, Dr., Austin, TX 78746 (US). BROW, Samuel, S. [US/US]; 598 Rosebud Ct., Saline, MI 48176 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) ALLEN, Timothy, P. [US/US]; 2640 Wildwood Trail, Saline, MI 48176 (US). KOENIG, John, A. [US/US]; 626 Duane Ct., Ann Arbor, MI 48103 (US). MALOUI, Curt, M. [US/US]; 15701 Bradner, Rd., Northville, MI 48137 (US). DOBROWOLSKI, Andrew, E. [US/US]; 3064 Wildwood, Ct., Saline, MI 48176 (US). LLOYD, Johnson, J. [US/US]; 1029 Spring St., Ann Arbor, MI 48103 (US). WHITE, David, L. [US/US]; 175 Templar, Pinckney, MI 48169 (US). BARTLETT, Peter, G. [US/US]; 13302 Rainbow Dr., Gregory, MI 48137 (US). LAMBERT, Robert, M.

- [US/US]; 1132 Rollingwood Arch, Virginia Beach, VA 23464 (US). **PIERCE, Kenneth, D.** [US/US]; 227 Woodland, Hampton, VA 23669 (US). **SVECHOTA, Joyce, M.** [US/US]; 4932 Lohr Rd., Ann Arbor, MI 48108 (US).
- (72, 75) **DREYSTADT, John, N.** [US/US]; 2225 Sosna, Pickney, MI 48169 (US).
- (74) **MILLS, Alicia, Esq.** et al. / etc.; Dorsey & Whitney LLP, Intellectual Property Department, Suite 1500, 50 South Sixth Street, Minneapolis, MN 55402-1498 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 17/30**
- (11) **WO 2005/029365** (13) A2
- (21) PCT/US2004/021671
- (22) **7 Jul/juil 2004 (07.07.2004)**
- (25) en (26) en
- (30) 60/485,200 **7 Jul/juil 2003** US  
(07.07.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SURVEILLANCE, MONITORING AND REAL-TIME EVENTS PLATFORM  
• SURVEILLANCE, CONTRÔLE ET PLATE-FORME D'ÉVÉNEMENTS EN TEMPS RÉEL
- (71) **METATOMIX, INC.** [US/US]; 275 Wyman Street, Suite 130, Waltham, MA 02451 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRITTON, Colin, P.** [US/US]; 17 Pheasant Lane, Lexington, MA 02421 (US). **GREENBLATT, Howard** [US/US]; 22 Coolidge Street, Wayland, MA 01778 (US). **GREENBLATT, Alan** [US/US]; 64 Hunt Road, Sudbury, MA 01776 (US).
- (74) **POWSNER, David, J.** et al. / etc.; Nutter McClennen & Fish LLP, World Trade Center West, 155 Seaport Boulevard, Boston, MA 02210-2604 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 17/30**
- (11) **WO 2005/029367** (13) A1
- (21) PCT/US2004/029618
- (22) **10 Sep/sep 2004 (10.09.2004)**
- (25) en (26) en
- (30) 10/661,741 **12 Sep/sep 2003** US  
(12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHODS AND SYSTEMS FOR IMPROVING A SEARCH RANKING USING POPULATION INFORMATION  
• PROCEDES ET SYSTEME PERMETTANT D'AMELIORER UN CLASSEMENT DE RECHERCHE AU MOYEN D'INFORMATIONS SUR LA POPULATION
- (71) **GOOGLE INC.** [US/US]; 1600 Amphitheatre Parkway, Mountain View, California 94043 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TONG, Simon** [GB/US]; 541 Del Medio Avenue, #319, Mountain View, California 94040 (US). **PEARSON, Mark** [US/US]; Room 411, International House, 2299 Piedmont Avenue, Berkeley, California 94720 (US). **BRIN, Sergey** [US/US]; 555 Bryant Street, #160, Palo Alto, California 94301 (US).
- (74) **GARDNER, J., Steven** et al. / etc.; Kilpatrick Stockton LLP, 1001 West Fourth Street, Winston-Salem, North Carolina 27101-2400 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 17/30**
- (11) **WO 2005/029368** (13) A1
- (21) PCT/US2004/030028
- (22) **14 Sep/sep 2004 (14.09.2004)**
- (25) en (26) en
- (30) 10/662,931 **16 Sep/sep 2003** US  
(16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SYSTEMS AND METHODS FOR IMPROVING THE RANKING OF NEWS ARTICLES  
• SYSTEMES ET PROCEDES POUR AMELIORER LE CLASSEMENT D'ARTICLES D'INFORMATION
- (71) **GOOGLE INC.** [US/US]; 1600 Amphitheatre Parkway, Building 41, Mountain View, CA 94043 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CURTISS, Michael** [US/US]; 655 Borregas Avenue, Sunnyvale, CA 94085 (US). **BHARAT, Krishna** [IN/US]; 470 Oak Grove Drive, Apt. 205, Santa Clara, CA 95054 (US). **SCHMITT, Michael** [DE/US]; 245 Easy Street, #1, Mountain View, CA 94043 (US).
- (74) **HARRITY, John, E.**; Harrity & Snyder L.L.P., Suite 300, 11240 Waples Mill Road, Fairfax, VA 22030 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 60/502,908 15 Sep/sep 2003 US (15.09.2003)

(30) 60/513,038 20 Oct/oct 2003 US (20.10.2003)

(30) 60/532,956 22 Dec/déc 2003 US (22.12.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DATA PROFILING

• INTERCONNEXION DE DONNEES

(71) AB INITIO SOFTWARE CORPORATION [US/US]; 201 Spring Street, Lexington, MA 02421 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOULD, Joel [US/US]; 50 Thornberry Rd., Winchester, MA 01890 (US). FEYNMAN, Carl [US/US]; 21 Mossfield Rd., Waban, MA 02468 (US). BAY, Paul [US/US]; 7 Gorham St., Arlington, MA 02474-1417 (US).

(74) HENNESSEY, Gilbert, H.; Fish and Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G06F 17/30

(11) WO 2005/029370 (13) A1

(21) PCT/US2004/030293

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/503,585 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IDENTIFYING RELATED NAMES

• IDENTIFICATION DE NOMS LIES

(71) LANGUAGE ANALYSIS SYSTEMS, INC. [US/US]; 2214 Rock Hill Road, Suite 200, Herndon, VA 20170 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHAEFER, Leonard, Arthur [US/US]; 20272 Rosedale Court, Ashburn, VA 20147-3317 (US). PATMAN, Frankie, E. [US/US]; 7501 Democracy Blvd, Apartment B320, Bethesda, MD 20817 (US).

(74) RENNERT, W. Karl; Fish & Richardson P.C., 1425 K Street, NW., 11th Floor, Washington, DC 20005-3500 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) WO 2005/029371 (13) A2

(21) PCT/AU2004/001270

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 2003905141 19 Sep/sep 2003 AU (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMPROVED FINANCE SOFTWARE

• LOGICIEL DE FINANCEMENT AME-LIORE

(71) FINACE INTERNATIONAL PTY LIMITED [AU/AU]; Level 8, 100 Walker Street, North Sydney, NSW 2061 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROUSSII, Misagh [AU/AU]; 2/884 Military Road, Mosman, NSW 2088 (AU).

(74) HODGKINSON McINNES PAPPAS; Level 3, 20 Alfred Street, Milsons Point, NSW 2061 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) PCT/EP03/10668 25 Sep/sep 2003 EP (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR SCALABLE MEETINGS IN A DISCUSSION SYNTHESIS ENVIRONMENT

• PROCEDE ET APPAREIL DE RENCONTRES MISES A L'ECHELLE DANS UN ENVIRONNEMENT DE SYNTHESE DE DISCUSSIONS

(71) SYNTHETRON NV [BE/BE]; Elegemstraat 120, B-1700 Dilbeek (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VERHAEGHE, Paul, Charles [BE/BE]; Elegemstraat 120, B-1700 Dilbeek (BE). FAIETA, Baldo [EC/BE]; Sint Antoniuskaai 9k, B-9000 Gent (BE).

(74) BIRD, William, E. et al. / etc.; Bird Goën & Co., Klein Dalenstraat 42, B-3020 Winksele (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 19 Sep/sep 2003 (19.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR PERFORMING RISK ANALYSIS

• SYSTEME ET PROCÉDE D'ANALYSE DES RISQUES

(71) SWISS REINSURANCE COMPANY [CH/CH]; Mythenquai 50/60, CH-8022 Zürich (CH).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) DAUL, Stéphane [CH/CH]; Rue de l'Industrie 6A, CH-1700 Fribourg (CH). LINDSKOG, Filip [SE/CH]; Goldauerstrasse 10, CH-8006 Zürich (CH). MCNEIL, Alexander [GB/CH]; Neudorfstrasse 31, CH-8810 Horgen (CH).

(74) CLERC, Natalia; Isler &amp; Pedrazzini AG, Gotthardstrasse 53, Postfach 6940, CH-8023 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND DEVICE FOR DELIVERY OR OBTAINING OF A GOOD

• PROCÉDE ET DISPOSITIF DE DISTRIBUTION OU D'OBTENTION D'UN PRODUIT

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) STÜMPERT, Martin [DE/DE]; Hundsbrunnentalstr. 22, 67691 Hochspeyer (DE). EWERT, Joerg, Christian [DE/DE]; Karl-Platz-Str. 22d, 41812 Erkelenz (DE).

(74) TONSCHEIDT, Andreas; Ericsson Eurolab Deutschland GmbH, Ericsson Allee 1, 52134 Herzogenrath (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*(51)<sup>7</sup> G06F 17/60

(11) WO 2005/029375 (13) A2

(21) PCT/EP2004/051840

(22) 19 Aug/août 2004 (19.08.2004)

(25) en (26) en

(30) 10/665,699 19 Sep/sep 2003 (19.09.2003) US

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS AND APPARATUS FOR INFORMATION HYPERCHAIN MANAGEMENT FOR ON-DEMAND BUSINESS COLLABORATION

• PROCÉDES ET SYSTEME DE GESTION D'HYPERCHAINES D'INFORMATION POUR UNE COLLABORATION COMMERCIALE SUR DEMANDE

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, New York 10504 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(71) IBM UNITED KINGDOM LIMITED [GB/GB]; P.O. Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).

*(only for / seulement pour MG)*

(71) WANG, Haiyan (legal representative of the deceased inventor / représentant légal de l'inventeur décédé) [CN/US]; 30 Lake Street no 61, White Plains, New York 10603 (US).

*(only for / seulement pour US)*

(72) YE, Yiming (deceased / décédé).

(72, 75) ZHANG, Liang-Jie [CN/US]; 5 Peachtree Drive, Cortlandt Manor, New York 10567 (US). SAYAH, John, Youssef [US/US]; 150 Millard Avenue, Sleepy Hollow, New York 10591 (US). CHAO, Tian-Jy [US/US]; 17 Saddle Court, Bedford, New York 10506 (US). ZUO, Ying, Nan [CN/CN]; Room 1809, Building 18, An Hui Bei Li, Chao Yang District, Beijing 100101 (CN). YANG, Shun, Ziang [CN/CN]; Room 101, Door 4, Building 13, Dong Wang Zhuan, Daidian District, Beijing 100083 (CN). XU, Jing, Min [CN/CN]; 17-2-1102, Ziuju Yuan, Beiyuan Garden, Beijing 100012 (CN).

(74) LING, Christopher, John; IBM United Kingdom Limited, Intellectual Property Law,

Hursley Park, Winchester, Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 10343486.0 19 Sep/sep 2003 (19.09.2003) DE

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM FOR THE ARRANGEMENT OF SERVICES

• SYSTEME POUR LA FOURNITURE DE SERVICES

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) HINRICHS, Andreas [DE/DE]; Eichenweg 7, 31199 Diekholzen (DE). WILDSCHUETTE, Florian [DE/DE]; Am Klosterhofe 33, 31139 Hildesheim (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 03103545.4 24 Sep/sep 2003 (24.09.2003) EP

- (30) 03103624.7 **30 Sep/sep 2003** EP  
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- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • WEB SERVICE CONTRACT SELECTION  
• SELECTION DE CONTRATS DE SERVICES FOURNIS VIA LE WEB
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRUCHLOS, Joachim [DE/DE]; Hirsauer Wiesenweg 45, 75365 Calw (DE). HAGMEIER, Joachim [DE/DE]; Forststr. 93, 70176 Stuttgart (DE). KUSSMAUL, Timo [DE/DE]; Furtwanger Str. 14, 71034 Boeblingen (DE).
- (74) KLEIN, Hans-Jörg; c/o IBM, Pascalstr. 100, 70569 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 17/60
- (11) WO 2005/029379 (13) A1
- (21) PCT/JP2003/011990
- (22) 19 Sep/sep 2003 (19.09.2003)
- (25) ja (26) ja
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • INFORMATION PROCESSING DEVICE AND INFORMATION PROCESSING METHOD  
• DISPOSITIF ET PROCÉDE DE TRAITEMENT DE L'INFORMATION
- (71) TOSHIBA SOLUTIONS CORPORATION [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-6691 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIKUCHI, Osamu [JP/JP]; c/o Toshiba Solutions Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-6691 (JP). OGASAWARA, Chiori [JP/JP]; c/o Toshiba Solutions Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-6691 (JP).
- (74) MIYOSHI, Hidekazu; Toranomon Kotohira Tower 2-8, Toranomon 1-chome, Minato-ku, Tokyo 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 17/60, H04M 1/725
- (11) WO 2005/029378 (13) A1
- (21) PCT/IB2004/051736
- (22) 10 Sep/sep 2004 (10.09.2004)
- (25) en (26) en
- (30) 03103452.3 **19 Sep/sep 2003** EP  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ELECTRONIC DEVICE WITH CALENDAR FUNCTION  
• DISPOSITIF ÉLECTRONIQUE À FONCTION CALENDRIER
- (71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).  
(only for / seulement pour DE)
- (71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)
- (72, 75) MAACK, Hanns-Ingo [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).
- (74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).
- SYSTEME DE COLLECTE D'INFORMATIONS DE RECHERCHE MEDICALE
- (71) YAMANOUCHI PHARMACEUTICAL CO., LTD. [JP/JP]; 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo, 1038411 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORIYAMA, Kazuhiro [JP/JP]; c/o Yamanouchi Pharmaceutical Co., Ltd. 17-1, Hasune 3-chome, Itabashi-ku, Tokyo, 1748612 (JP).
- (74) AKIYAMA, Atsushi et al. / etc.; Toranomon 37 Mori Building 5-1, Toranomon 3-chome, Minato-ku, Tokyo, 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 17/60, H04L 29/08
- (11) WO 2005/029381 (13) A1
- (21) PCT/US2004/029508
- (22) 8 Sep/sep 2004 (08.09.2004)
- (25) en (26) en
- (30) 10/662,715 **15 Sep/sep 2003** US  
(15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DATA CONVEYANCE MANAGEMENT  
• GESTION DE TRANSFERT DE DONNEES
- (63) US 10/662,715 (CON)  
15 Sep/sep 2003 (15.09.2003)
- (71) SAP AKTIENGESELLSCHAFT [DE/DE]; Neurottstrasse 16, 69190 Wall-dorf (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DHARAMSHI, Gautam [IN/US]; 1200 Dale Avenue Apt. 6, Mountain View, CA 94040 (US).
- (74) PHILLIPS, John, C. et al. / etc.; Fish & Richardson P.C., 12390 El Camino Real, San Diego, CA 92130 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ



CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> G06F 17/60

(11) WO 2005/029382 (13) A2

(21) PCT/US2004/030256

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/504,401 19 Sep/sep 2003 US  
(19.09.2003)

(30) 60/605,923 31 Aug/août 2004 US  
(31.08.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPARATUS AND METHOD FOR  
MANAGING DESIGN OF A SOFT-  
WARE SYSTEM USING DEPEND-  
ENCY STRUCTURE

• APPAREIL ET PROCÉDE POUR LA  
GESTION DE CONCEPTION D'UN  
SYSTÈME LOGICIEL UTILISANT  
UNE STRUCTURE DE DÉPENDANCE

(71) LATTIX, INC. [US/US]; 8 Harper Circle,  
Andover, MA 01810 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SANGAL, Neeraj [US/US]; 8 Harper  
Circle, Andover, MA 01810 (US). JORDAN,  
Everette, T. [US/US]; 219 Stratford Road,  
Needham, MA 02492 (US). WALDMAN,  
Francis, A. [US/US]; 35 Maple Street,  
Stoneham, MA 02180 (US). PARISI, Carl,  
D. [US/US]; 12 State Street, Chelmsford,  
MA 01824 (US).

(74) SUNSTEIN, Bruce, D. et al. / etc.;  
Bromberg & Sunstein LLP, 125 Summer  
Street, Boston, MA 02110-1618 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (i)

(51)<sup>7</sup> G06F 17/60

(11) WO 2005/029383 (13) A2

(21) PCT/US2004/030299

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/504,165 18 Sep/sep 2003 US  
(18.09.2003)

(30) 10/841,222 7 May/mai 2004 US  
(07.05.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND SYSTEM FOR MAN-  
AGING EMAIL ATTACHMENTS FOR  
AN ELECTRONIC DEVICE

• PROCÉDE ET SYSTÈME DESTINÉS  
À GERER DES PIÈCES JOINTES DE  
COURRIEL POUR UN DISPOSITIF  
ÉLECTRONIQUE

(71) VULCAN PORTALS INC. [US/US]; 505  
5th Avenue South, Suite 900, Seattle, WA  
98104 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BUDD, Robin [US/US]; 5630 40th Av-  
enue West, Seattle, WA 98199 (US). JONES,  
Christopher, W. [US/US]; 3255 Northeast  
100th Street, Seattle, WA 98125 (US).

(74) DE GUZMAN, Dennis, M. et al. / etc.; Seed  
Intellectual Property Law Group PLLC, Suite  
6300, 701 Fifth Avenue, Seattle, WA 98104-  
7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 19/00

(11) WO 2005/029384 (13) A2

(21) PCT/EP2004/010190

(22) 13 Sep/sep 2004 (13.09.2004)

(25) de (26) de

(30) 103 43 690.1 18 Sep/sep 2003 DE  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR THE IDENTIFICATION  
OF OPTIMIZED OLIGOMERS, AND  
OLIGOMERS PRODUCED ACCORD-  
ING TO SAID METHOD

• PROCÉDE DE DÉTERMINATION  
D'OLIGOMÈRES OPTIMISÉS ET OLI-  
GOMÈRES POUVANT ÊTRE PRO-  
DUITS SELON CE PROCÉDE

(71) STIFTUNG CAESAR CENTER OF  
ADVANCED EUROPEAN STUDIES  
AND RESEARCH [DE/DE]; Ludwig-Er-  
hard-Allee 2, 53175 Bonn (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) HOFFMANN, Daniel [DE/DE]; Ho-  
holzstr. 17a, 53229 Bonn (DE).

(74) PANNEN, Heinrich, Georg; Braun-Dul-  
laeus Pannen Schrooten Haber, Mörsen-  
broicher Weg 200, 40470 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 19/00

(11) WO 2005/029385 (13) A1

(21) PCT/JP2004/013808

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ja (26) ja

(30) 2003-329751 22 Sep/sep 2003 JP  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MOLECULE SIMULATION METHOD  
AND DEVICE

• METHODE ET DISPOSITIF DE SIMU-  
LATION MOLECULAIRE

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba  
5-chome, Minato-ku, Tokyo, 1088001 (JP).  
OSAKA UNIVERSITY [JP/JP]; 1-1, Ya-  
madaoka, Suita-shi, Osaka, 5650871 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) YONEZAWA, Yasushige [JP/JP];  
4-1-C74-305, Aoyamada, Suita-shi, Osaka,  
5650875 (JP). TAKADA, Toshikazu [JP/JP];  
c/o NEC Corporation, 7-1, Shiba 5-chome,  
Minato-ku, Tokyo, 1088001 (JP). NAKATA,  
Kazuto [JP/JP]; c/o NEC Corporation, 7-1,  
Shiba 5-chome, Minato-ku, Tokyo, 1088001  
(JP). SAKUMA, Toshihiro [JP/JP]; c/o  
NEC Corporation, 7-1, Shiba 5-chome,  
Minato-ku, Tokyo, 1088001 (JP). NAKA-  
MURA, Haruki [JP/JP]; 2-7-D14-206,  
Momoyamada, Suita-shi, Osaka, 5650854  
(JP).

(74) MIYAZAKI, Teruo et al. / etc.; 8th Floor,  
16th Kowa Bldg., 9-20, Akasaka 1-chome,  
Minato-ku, Tokyo, 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 19/00

(11) WO 2005/029386 (13) A1

(21) PCT/JP2004/002771

(22) 4 Mar/mar 2004 (04.03.2004)

(25) ja (26) ja

(30) 2003-328845 19 Sep/sep 2003 JP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BASE SEQUENCE CLASSIFYING SYS-  
TEM AND OLIGONUCLEOTIDE FRE-  
QUENCY ANALYZING SYSTEM

- SYSTEME DE CLASSIFICATION DE SEQUENCES DE BASES ET SYSTEME D'ANALYSE DE LA FREQUENCE DES OLIGONUCLEOTIDES
- (71) JAPAN as represented by THE PRESIDENT OF NATIONAL INSTITUTE OF GENETICS [JP/JP]; 1111, Yata Mishima-shi, Shizuoka 4118540 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IKEMURA, ToshimichiABE, TakashiNAKAGAWA, SatoshiKOZUKI, TokioKANAYA, ShigehikoKINOUCHI, Makoto
- (74) HARA, Kenzo; Harakenzo World Patent & Trademark Patent Law Firm, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome, Kita, Kita-ku, Osaka-shi, Osaka 5300041 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F 21/00  
(11) WO 2005/029388 (13) A2  
(21) PCT/EP2004/010640  
(22) 22 Sep/sep 2004 (22.09.2004)  
(25) en (26) en  
(30) 203 14 722.7 23 Sep/sep 2003 DE (23.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DEVICE FOR SECURE ACCESS TO DIGITAL MEDIA CONTENTS, VIRTUAL MULTI-INTERFACE DRIVER AND SYSTEM FOR SECURE ACCESS TO DIGITAL MEDIA CONTENTS  
• DISPOSITIF POUR SECURISER L'ACCES A DES CONTENUS DE MEDIAS NUMERIQUES, PILOTE MULTI-INTERFACE VIRTUEL ET SYSTEME POUR SECURISER L'ACCES A DES CONTENUS MEDIAS NUMERIQUES
- (71) SCM MICROSYSTEMS GMBH [DE/DE]; Oskar-Messter-Strasse 13, 85737 Ismaning (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BHASKAR, Rao [IN/IN]; N°7, 1st East Main, ITI Layout, BSK 3rd Stage, Bangalore 560085 (IN). HIGH COURT, Rajan, G. [IN/IN]; N°2A, Chinnamani Nadar Lane, Pillaiyar Koil Street, Thiruthangal, Virudhunagar, Tamil nadu 626130 (IN). DEEPA, Josephine, G. [IN/IN]; c/o Mr. Sundaramourthy, N°35, Bharathidasan Street, Muthialpet, Pondicherry 605003 (IN).
- (74) STRASS, Jürgen; Prinz & Partner GbR, Manzingerweg 7, 81241 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06K  
(11) WO 2005/029389 (13) A2  
(21) PCT/US2004/030471  
(22) 16 Sep/sep 2004 (16.09.2004)  
(25) en (26) en  
(30) 10/666,226 17 Sep/sep 2003 US (17.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • DEEP SLEEP IN AN RFID TAG  
• VEILLE PROFONDE POUR UN MARQUEUR D'IDENTIFICATION  
(63) US 10/666,226 (CON) 17 Sep/sep 2003 (17.09.2003)  
(71) BELLA ID SOLUTIONS, INC. [US/US]; 13034 Polvera Avenue, San Diego, CA 92128 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) ROESNER, Bruce, B. [US/US]; 13034 Polvera Avenue, San Diego, CA 92128 (US).  
(74) HUNTER, William, E.; Fish & Richardson P.C., 12390 El Camino Real, San Diego, CA 92130 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06K  
(11) WO 2005/029390 (13) A2  
(21) PCT/US2004/041084  
(22) 8 Dec/déc 2004 (08.12.2004)  
(25) en (26) en  
(30) 10/497,636 2 Dec/déc 2002 US (02.12.2002)  
(30) 60/528,046 8 Dec/déc 2003 US (08.12.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • METHOD FOR IDENTIFYING AND AUTHENTICATING GOODS USING CODES, BARCODES AND RADIO FREQUENCY IDENTIFICATION  
• PROCEDE POUR IDENTIFIER ET AUTHENTIFIER DES MARCHANDISES AU MOYEN DE CODES, DE CODES-BARRES ET D'IDENTIFICATION PAR RADIOFREQUENCE  
(71) INTERNATIONAL BARCODE CORPORATION [US/US]; 90 Park Avenue, New York, NY 10016 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) LUBOW, Allen [US/US]; 692 10th Street, Brooklyn, NY 11215 (US).

(74) YU, Frederick; Brown Raysman Millstein Felder & Steiner LLP, 900 Third Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06K 9/00

(11) WO 2005/029391 (13) A1

(21) PCT/US2003/026172

(22) 21 Aug/août 2003 (21.08.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRONIC INK PROCESSING

• TRAITEMENT D'ENCRE ELECTRONIQUE

(71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052 (US).

(72) DUNCAN, Richard; 842 Kirkland Avenue, Kirkland, WA 98033 (US). DRESEVIC, Bodin; 1039 146th Place SE, Bellevue, WA 98007 (US). WAKEAM, Jamie; 18941 NE 68th Street, Redmond, WA 98052 (US). SUTANTO, Herry; c/o Microsoft Corporation, One Microsoft Way, Redmond, WA 98052 (US). RAGHUPATHY, Sashi; 16114 NE 49th Ct, Redmond, WA 98052 (US). KANNAPPEL, Timothy, H.; 15501 SE 46th Way, Bellevue, WA 98006 (US). SZILAGYI, Zoltan; One Microsoft Way, Redmond, WA 98052 (US). TURNER, Jerome; 9611 182nd PL NE, #104, Redmond, WA 98052 (US). LANDSTAD, Todd; 23408 NE 29th Place, Sammamish, WA 98074 (US). WICK, Thomas; 1802 E. McGraw Street, Seattle, WA 98112-2138 (US). SIMMONS, Alex; 18503 NE 25th St., Redmond, WA 98052 (US). ENGRAV, Peter; 2600 2nd Ave. #1802, Seattle, WA 98121 (US). PAULSON, Kevin, Phillip; 9132 161st Place NE, Redmond, WA 98052 (US). URATA, Kentaro; c/o Microsoft Corporation, One Microsoft Way, Redmond, WA 98052 (US). DODGE, Steve; 1811 225th Pl, NE, Sammamish, WA 98074 (US). BARGERON, David, M.; 7211 30th Avenue NW, Seattle, WA 98117 (US). SHILMAN, Michael; 433 13th Ave E, #205, Seattle, WA 98102 (US).

(74) RAUCHHOLZ, William, F.; Banner & Witcoff, Ltd., 11th Floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06K 9/20

(11) WO 2005/029392 (13) A1

(21) PCT/EP2004/009538

(22) 26 Aug/août 2004 (26.08.2004)

(25) de (26) de

(30) 103 42 594.2 15 Sep/sep 2003 DE (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND SYSTEM FOR COLLECTING DATA FROM A PLURALITY OF MACHINE READABLE DOCUMENTS

• PROCEDE ET SYSTEME DE DETECTION DE DONNEES PROVENANT DE PLUSIEURS DOCUMENTS LISIBLES PAR ORDINATEUR

(71) OCE DOCUMENT TECHNOLOGIES GMBH [DE/DE]; Max-Stromeyer-Strasse 116, 78467 Konstanz (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHIEHLEN, Matthias [DE/DE]; Kreuzäckerweg 4, 78465 Konstanz (DE).

(74) SCHAUMBURG, Karl-Heinz et al. / etc.; Postfach 86 07 48, 81634 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2005/029393 (13) A1

(21) PCT/US2003/026143

(22) 21 Aug/août 2003 (21.08.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRONIC INK PROCESSING

• TRAITEMENT D'UNE ENCRE ELECTRONIQUE

(71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052 (US).

(72) DUNCAN, Richard; 842 Kirkland Ave, Kirkland, WA 98033 (US). DRESEVIC, Bodin; 1039 145th Place SE, Bellevue, WA 98007 (US). SUTANTO, Herry; c/o Microsoft Corporation, One Microsoft Way, Redmond, WA 98052 (US). WAKEAM,

Jamie; 18941 NE 68th Street, Redmond, WA 98052 (US). RAGHUPATHY, Sashi; 16114 NE 49th Ct, Redmond, WA 98052 (US). KANNAPPEL, Timothy, H.; 15501 SE 46th Way, Bellevue, WA 98006 (US). SZILAGYI, Zoltan; One Microsoft Way, Redmond, WA 98052 (US). SHILMAN, Michael; 433 13th Ave E #205, Seattle, WA 98102 (US).

(74) EVANS, Thomas, L.; Banner & Witcoff, Ltd., 11th Floor, 1001 G Street, NW, Washington, DC 20001-4597 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06K 11/00, G06F 3/033

(11) WO 2005/029394 (13) A2

(21) PCT/IB2004/051747

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 03103488.7 22 Sep/sep 2003 EP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LIGHT GUIDE TOUCH SCREEN

• ECRAN TACTILE A GUIDE DE LUMIERE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LANGE, Ruediger, J. [DE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SCHOELLMANN, Volker [DE/DE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ELEVELD, Koop, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06K 11/00, G06F 3/033

(11) WO 2005/029395 (13) A2

(21) PCT/IB2004/051769

- (22) 15 Sep/sep 2004 (15.09.2004)  
 (25) en (26) en  
 (30) 03103492.9 22 Sep/sep 2003 EP  
 (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COORDINATE DETECTION SYSTEM FOR A DISPLAY MONITOR  
 • SYSTEME DE DETECTION DE COORDONNEES POUR ECRAN D'AFFICHAGE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GIRALDO, Andrea [IT/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DESTURA, Galileo, J., A. [PH/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). CORNELISSEN, Hugo, J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JAK, Martin, J., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) ELEVELD, Koop, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :**  
*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*
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- (51)<sup>7</sup> G06K 11/00  
 (11) WO 2005/029396 (13) A2  
 (21) PCT/IB2004/051806  
 (22) 21 Sep/sep 2004 (21.09.2004)  
 (25) en (26) en  
 (30) 03103492.9 22 Sep/sep 2003 EP  
 (22.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • DEVICE WITH LIGHT-GUIDING LAYER  
 • DISPOSITIF A COUCHE FORMANT GUIDE DE LUMIERE

- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PASQUARIELLO, Donato [SE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DESTURA, Galileo, J., A. [PH/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). CORNELISSEN, Hugo, J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). GIRALDO, Andrea [IT/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VISSENBERG, Michel, C., J., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JAK, Martin, J., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) VERDONK, Peter, L., F., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :**  
*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*
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- (51)<sup>7</sup> G06K 13/08, 7/00, H01R 13/635, H05K 5/02  
 (11) WO 2005/029397 (13) A1  
 (21) PCT/US2004/016079  
 (22) 21 May/mai 2004 (21.05.2004)  
 (25) en (26) en  
 (30) 03256975.0 21 May/mai 2003 CN  
 (21.05.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • MEMORY CARD CONNECTOR SYSTEM FOR STABILIZING THE POSITION OF A CONTACTED MEMORY CARD  
 • SYSTEME DE CONNEXION DE CARTE MEMOIRE DESTINE A STABILISER LA POSITION D'UNE CARTE MEMOIRE A CONTACTS
- (71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

- (72) JIN, Hao, Qui; Room 307, No. 8, Haifeng Road, Kunshan City, Jiangsu Province (CN).
- (74) CALDWELL, Stacey, E.; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> G06K 19/00  
 (11) WO 2005/029398 (13) A1  
 (21) PCT/JP2003/011836  
 (22) 17 Sep/sep 2003 (17.09.2003)  
 (25) ja (26) ja  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • RECOGNITION CODE BASED ON COMBINATION OF ELEMENT CELLS AND RECOGNITION CODE SHEET  
 • CODE DE RECONNAISSANCE BASE SUR LA COMBINAISON DE CELLULES D'ELEMENTS ET FEUILLE DE CODE DE RECONNAISSANCE
- (71) TSUBE SANGYOU K.K. [JP/JP]; 2-12, Taihei 1-chome, Sumida-ku, Tokyo 130-0012 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MATSUDA, Masayuki [JP/JP]; 2-13, Hiyoshi-cho 1-chome, Kokubunji-shi, Tokyo 185-0032 (JP). SUZUKI, Yoshiro [JP/JP]; 20-8, Inagedaimachi, Inage-ku, Chiba-shi, Chiba 263-0032 (JP). SAITO, Shizuo [JP/JP]; 7-3, Asahigaoka 1-chome, Yotsukaido-shi, Chiba 284-0024 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :**  
*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*

MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)<sup>7</sup> G06K 19/00, G11B 7/0065, G03H 1/26

(11) WO 2005/029399 (13) A1

(21) PCT/JP2004/013999

(22) 16 Sep/sep 2004 (16.09.2004)

(25) ja (26) ja

(30) 2003-325995 18 Sep/sep 2003 JP (18.09.2003)

(30) 2004-129871 26 Apr/avr 2004 JP (26.04.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • OPTICAL MEMORY MEDIUM AND OPTICAL MEMORY MEDIUM REPRODUCING DEVICE

• SUPPORT MEMOIRE OPTIQUE ET DISPOSITIF DE REPRODUCTION DE SUPPORT MEMOIRE OPTIQUE

(71) NIPPON TELEGRAPH AND TELEPHONE CORPORATION [JP/JP]; 3-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8116 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOBASHI, Hisanobu [JP/JP]; c/o NTT Intellectual Property Center, 9-11, Midori-cho 3-chome, Musashino-shi, Tokyo 180-8585 (JP).

FURUYA, Akinori [JP/JP]; c/o NTT Intellectual Property Center, 9-11, Midori-cho 3-chome, Musashino-shi, Tokyo 180-8585 (JP).

SENDA, Masakatsu [JP/JP]; c/o NTT Intellectual Property Center, 9-11, Midori-cho 3-chome, Musashino-shi, Tokyo 180-8585 (JP).

YOSHIKAWA, Hiroshi [JP/JP]; c/o NTT Intellectual Property Center, 9-11, Midori-cho 3-chome, Musashino-shi, Tokyo 180-8585 (JP).

YAGI, Shogo [JP/JP]; c/o NTT Intellectual Property Center, 9-11, Midori-cho 3-chome, Musashino-shi, Tokyo 180-8585 (JP).

SAKAMOTO, Hideki [JP/JP]; c/o NTT Intellectual Property Center, 9-11, Midori-cho 3-chome, Musashino-shi, Tokyo 180-8585 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06K 19/06, G07D 7/12, B42D 15/10, 15/00

(11) WO 2005/029400 (13) A2

(21) PCT/GB2004/004013

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 0322031.6 19 Sep/sep 2003 GB (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • OPTICALLY VARIABLE DIFFRACTIVE DEVICE AND RELATED APPARATUS AND METHOD OF READING

• DISPOSITIF DIFFRACTIF OPTIQUE-MENT VARIABLE, ET APPAREIL ET PROCEDE DE LECTURE ASSOCIES

(71) OPTAGLIO LIMITED [GB/GB]; Meridian House, Greenwich Way, Andover, Hants SP10 4DU (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RYZI, Zbynek [CZ/CZ]; Optaglio Sro, 25086 Rez u Prahy 199 (CZ). TETHAL, Thomas [CZ/CZ]; Optaglio Sro, 25086 Rez u Prahy 199 (CZ).

(74) GILL, David, Alan; W.P. Thompson & Co., 55 Drury Lane, London WC2B 5SQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06K 19/067, G08B 13/24

(11) WO 2005/029401 (13) A1

(21) PCT/IL2004/000879

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 10/665,214 22 Sep/sep 2003 US (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ENCODING AND DECODING METHOD AND SYSTEM

• PROCEDE ET SYSTEME DE CODAGE ET DE DECODAGE

(71, 72) SHAFIR, Michael [IL/IL]; 21 Bar-Lev Street, 55000 Kiryat Ono (IL).

(74) REINHOLD COHN AND PARTNERS; P.O.B. 4060, 61040 Tel-Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06K 19/07

(11) WO 2005/029402 (13) A2

(21) PCT/EP2004/008355

(22) 26 Jul/juil 2004 (26.07.2004)

(25) de (26) de

(30) 103 40 861.4 4 Sep/sep 2003 DE (04.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESSOR CIRCUIT AND METHOD FOR ALLOCATING A LOGIC CHIP TO A MEMORY CHIP

• CIRCUIT PROCESSEUR ET PROCEDE D'ATTRIBUTION D'UNE PUCE LOGIQUE A UNE PUCE MEMOIRE

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FISCHER, Wieland [DE/DE]; Müllerstr. 11, 80469 München (DE). SEIFERT, Jean-Pierre [DE/DE]; Harsdörfer Str. 1, 81669 München-Giesing (DE).

(74) ZIMMERMANN, Tankred et al. / etc.; Postfach 246, 82043 Pullach bei München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06K 19/07

(11) WO 2005/029403 (13) A1

(21) PCT/FR2004/002317

(22) 13 Sep/sep 2004 (13.09.2004)

(25) fr (26) fr

(30) 0310858 16 Sep/sep 2003 FR (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM COMPRISING A PLURALITY OF DEVICES THAT CAN BE

ADDRESSED BY RADIOFREQUENCY, AND METHOD FOR ADDRESSING BY ACTIVATION OF A TRANSPARENT MODE

- SYSTEME COMPORTANT UNE PLURALITE DE DISPOSITIFS ADRESSABLES PAR RADIOFREQUENCE ET PROCEDE D'ADRESSAGE PAR ACTIVATION D'UN MODE TRANSPARENT

(71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31-33, rue de la Fédération, F-75752 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CROCHON, Elisabeth [FR/FR]; 4, rue Léo Delibes, F-38320 Poisat (FR). TÊTU, Yann [FR/FR]; 1, rue Alphonse Terray, F-38000 Grenoble (FR). REVERDY, Jacques [FR/FR]; 63, rue Guillaume Apollinaire, F-38920 Crolles (FR).

(74) HECKE, Gérard et al. / etc.; Cabinet Hecke, WTC Europole, 5, place Robert Schuman, BP 1537, F-38025 Grenoble Cedex 1 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06N

(11) WO 2005/029404 (13) A2

(21) PCT/US2003/025144

(22) 12 Aug/août 2003 (12.08.2003)

(25) en (26) en

(30) 60/431,835 9 Dec/déc 2002 US (09.12.2002)

(30) 60/433,072 13 Dec/déc 2002 US (13.12.2002)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR SINGLE-PHOTON SOURCE AND QUANTUM MEMORY

- PROCEDE ET APPAREIL POUR SOURCE MONOPHOTONIQUE ET MEMOIRE QUANTIQUE

(71) THE JOHNS HOPKINS UNIVERSITY [US/US]; 34th and Charles Streets, Baltimore, MD 21218 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PITTMANN, Todd, J. [US/US]; 1912 Rollingwood Road, Catonsville, MD 21228 (US). FRANSON, James, D. [US/US]; 3761 Font Hill Drive, Ellicott City, MD 21042 (US). JACOBS, Bryan, C. [US/US]; 5407 Taper Court, Sykesville, MD 21784 (US).

(74) COOCH, Francis, A. et al. / etc.; The Johns Hopkins University, Applied Physics Laboratory, 11100 Johns Hopkins Road, Laurel, MD 20723-6099 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06N 5/00

(11) WO 2005/029405 (13) A2

(21) PCT/GB2004/004051

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 0322191.8 23 Sep/sep 2003 GB (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AGENTIVE REPRESENTATION IN MOBILE SERVICES

- UTILISATION D'AGENTS DE REPRESENTATION DANS DES SERVICES MOBILES

(71) CALICO JACK LIMITED [GB/GB]; Argyll House, Marketgait, Dundee DD1 1QP (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REED, Chris, Anthony [GB/GB]; Calico Jack Limited, Argyll House, Marketgait, Dundee DD1 1QP (GB). BOSWELL, Brian [GB/GB]; Calico Jack Limited, Argyll House, Marketgait, Dundee DD1 1QP (GB). MOYNIHAN, Richard [GB/GB]; Calico Jack Limited, Argyll House, Marketgait, Dundee DD1 1QP (GB). SERGEANT, Paul [GB/GB]; Calico Jack Limited, Argyll House, Marketgait, Dundee DD1 1QP (GB).

(74) KENNEDYS PATENT AGENCY LIMITED; Floor 5, Queens House, 29 St Vincent Place, Glasgow G1 2DT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06T

(11) WO 2005/029406 (13) A2

(21) PCT/US2004/030608

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/677,098 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HIGH QUALITY AND HIGH PERFORMANCE THREE-DIMENSIONAL GRAPHICS ARCHITECTURE FOR PORTABLE HANDHELD DEVICES

- ARCHITECTURE GRAPHIQUE TRIDIMENSIONNELLE DE HAUTE QUALITE ET A PERFORMANCES ELEVEES DESTINEE A DES DISPOSITIFS PORTATIFS

(71) NVIDIA CORPORATION [US/US]; 2701 San Tomas Expressway, Santa Clara, CA 95050 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOLMER, Bruce [US/US]; 2012 Bishop Road, Belmont, CA 94002 (US).

(74) NGUYEN, Frank D.; 16168 Blossom Hill Road, Los Gatos, CA 95032 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06T 1/60, 1/00

(11) WO 2005/029407 (13) A1

(21) PCT/IB2004/003064

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 10/667,912 22 Sep/sep 2003 US (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR IMAGE PROCESSING IN A HANDHELD DEVICE

- PROCEDE ET APPAREIL DE TRAITEMENT D'IMAGES DANS UN DISPOSITIF PORTATIF

(71) ATI TECHNOLOGIES, INC. [CA/CA]; 1 Commerce Valley Drive East, Markham, Ontario L3T 7X6 (CA). ATI INTERNATIONAL, SRL [BB/BB]; Beaumont House, Hastings, Christ Church, Barbados (BB).

(72) KOURAMANIS, Ioannis; 69 Northbrook Road, East York, Ontario M4J 4G2 (CA). SMIRNOV, Maxim; 28 Hopecrest Place, Brampton, Ontario L6R 2T8 (CA). ALEK-SIC, Milivoje; 4 Harmony Hill, Richmond Hill, Ontario L4C 8Z1 (CA).

(74) SMART & BIGGAR; ATTN: Matthew Zischka, 438 Univeristy Avenue, Suite 1500, Box 111, Toronto, Ontario M5G 2K8 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06T 3/00, H04N 1/387, 5/232, G09G 5/37
- (11) WO 2005/029408 (13) A1
- (21) PCT/JP2004/013516
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) ja (26) ja
- (30) 2003-326614 18 Sep/sep 2003 JP (18.09.2003)
- (30) 2003-416343 15 Dec/déc 2003 JP (15.12.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • IMAGE PROCESSING DEVICE AND IMAGING DEVICE
- DISPOSITIF DE TRAITEMENT DE L'IMAGE ET DISPOSITIF D'IMAGERIE
- (71) BROTHER KOGYO KABUSHIKI KAISHA [JP/JP]; 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678561 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUZUKI, Hiroaki [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678561 (JP). IWASAKI, Takeo [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678561 (JP).
- (74) MATSUOKA, Shuhei; Shin-Toshi-Center Bldg. 6F, 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06T 5/00
- (11) WO 2005/029409 (13) A2
- (21) PCT/IB2004/002891
- (22) 2 Sep/sep 2004 (02.09.2004)
- (25) en (26) en
- (30) 03300128.0 22 Sep/sep 2003 EP (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MEDICAL IMAGING SYSTEM WITH TEMPORAL FILTER
- SYSTEME D'IMAGERIE MEDICALE A FILTRE TEMPOREL
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FLORENT, Raoul [FR/FR]; 156 Boulevard Haussmann, F-75008 Paris (FR). SAMSON, Christophe [FR/FR]; 156 Boulevard Haussmann, F-75008 Paris (FR). PICARD, Mathieu [FR/FR]; 156 Boulevard Haussmann, F-75008 Paris (FR).
- (74) LOTTIN, Claudine; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- 
- (51)<sup>7</sup> G06T 5/00
- (11) WO 2005/029410 (13) A1
- (21) PCT/US2004/030400
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/503.602 17 Sep/sep 2003 US (17.09.2003)
- (30) 10/942.477 16 Sep/sep 2004 US (16.09.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND SYSTEM FOR GROUND GLASS NODULE (GGN) SEGMENTATION WITH SHAPE ANALYSIS
- PROCEDE ET SYSTEME DE SEGMENTATION DE NODULE EN VERRE DE POLI (GGN) AVEC ANALYSE DE LA FORME
- (71) SIEMENS CORPORATE RESEARCH, INC. [US/US]; 755 College Road East, Princeton, NJ 08540 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZHANG, Li [CN/US]; 14 Bronson Way, Skillman, NJ 08558 (US). FANG, Ming [US/US]; 4 Barrington Drive, Princeton Junction, NJ 08550 (US).
- (74) PASCHBURG, Donald B. et al. / etc.; Siemens Corporation- Intellectual Property Dept., 170 Wood Avenue South, Iselin, NJ 08830 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06T 5/40
- (11) WO 2005/029411 (13) A1
- (21) PCT/FI2004/050130
- (22) 9 Sep/sep 2004 (09.09.2004)
- (25) fi (26) en
- (30) 20035162 24 Sep/sep 2003 FI (24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND SYSTEM IN A DIGITAL IMAGE PROCESSING CHAIN FOR ADJUSTING A COLOUR BALANCE, CORRESPONDING EQUIPMENT, AND SOFTWARE MEANS FOR IMPLEMENTING THE METHOD
- PROCEDE ET SYSTEME DANS UNE CHAINE DE TRAITEMENT D'IMAGES NUMERIQUES POUR REGLER UN EQUILIBRE CHROMATIQUE, EQUIPEMENT CORRESPONDANT ET MOYEN LOGICIEL PERMETTANT DE METTRE EN OEUVRE UN TEL PROCEDE
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FI-02150 Espoo (FI).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KALEVO, Ossi [FI/FI]; Ketunhätä 1, FI-37800 Toijala (FI). NENONEN, Petri [FI/FI]; Suopellonkatu 5 B 8, FI-33710 Tampere (FI).
- (74) KESPAT OY; P.O. Box 601, FI-40101 Jyväskylä (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06T 7/00, A61B 6/00

(11) WO 2005/029412 (13) A1

(21) PCT/SE2003/001477

(22) 22 Sep/sep 2003 (22.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AUTOMATIC POSITIONING QUALITY ASSESSMENT FOR DIGITAL MAMMOGRAPHY

• EVALUATION AUTOMATIQUE DE LA QUALITE DU POSITIONNEMENT DANS UNE MAMMOGRAPHIE NUMERIQUE

(71) SPECTRA IMTEC AB [SE/SE]; Teknikringen 20, S-583 30 Linköping (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SELSE, Emil [SE/SE]; Källgatan 4, S-586 62 Linköping (SE). PETERSSON, Kristina [SE/SE]; Snickaregatan 27, S-582 26 Linköping (SE).

(74) AROS PATENT AB; P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)<sup>7</sup> G06T 7/60, G01N 21/41, 21/84, C12Q 1/02, G01B 11/28, G01J 9/00

(11) WO 2005/029413 (13) A1

(21) PCT/AU2004/001261

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 2003905187 23 Sep/sep 2003 AU (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR DETERMINING THE AREA OR CONFLUENCY OF A SAMPLE

• PROCEDE ET APPAREIL PERMETTANT DE DETERMINER LA SURFACE OU LA CONFLUENCE D'UN ECHANTILLON

(71) IATIA IMAGING PTY LTD [AU/AU]; Suite 2, 935 Station Street, Box Hill North, Victoria 3129 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CURL, Claire, L [AU/AU]; 21 Malabu Drive, West Beach, South Australia 5024 (AU).

DELBRIDGE, Lea, M D [AU/AU]; 20 Flockhart Street, Kensington, Victoria 3031 (AU).

HARRIS, Peter, J [AU/AU]; 2/18 Esplanade, Williamstown, Victoria 3016 (AU).

BELLAIR, Catherine, J [AU/AU]; 20/495 Royal Parade, Parkville, Victoria 3052 (AU).

ALLMAN, Brendan, E [AU/AU]; 25 Jarvie Street, East Brunswick, Victoria 3057 (AU).

(74) GRIFFITH HACK; 509 St Kilda Road, MELBOURNE, Victoria 3004 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06T 17/40, G06F 13/10

(11) WO 2005/029414 (13) A1

(21) PCT/JP2004/009973

(22) 13 Jul/juil 2004 (13.07.2004)

(25) ja (26) ja

(30) 2003-323612 16 Sep/sep 2003 JP (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • THREE-DIMENSIONAL VIRTUAL SPACE SIMULATOR, THREE-DIMENSIONAL VIRTUAL SPACE SIMULATION PROGRAM, AND COMPUTER READABLE RECORDING MEDIUM WHERE THE PROGRAM IS RECORDED

• SIMULATEUR D'ESPACE VIRTUEL TRIDIMENSIONNEL, PROGRAMME DE SIMULATION D'ESPACE VIRTUEL TRIDIMENSIONNEL ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR DANS LEQUEL LE PROGRAMME EST ENREGISTRE

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKANISHI, Hideyuki ISHIDA, Toru

(74) HARA, Kenzo; Harakenzo World Patent & Trademark Patent Law Firm, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome, Kita, Kita-ku, Osaka-shi, Osaka 530-0041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06T 17/40, G06F 13/00

(11) WO 2005/029415 (13) A1

(21) PCT/MX2003/000076

(22) 23 Sep/sep 2003 (23.09.2003)

(25) es (26) es

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • THREE-DIMENSIONAL COMMUNICATION MEANS

• MOYEN DE COMMUNICATION EN TROISIEME DIMENSION

(71, 72) BARJAU DELGADO, Everest [MX/MX]; Grieta No. 161, Colonia Jardines del Pedregal, C.P. 01900, México, D.F. (MX).

(74) OCHOA CORTÉS, Oscar, Javier; Beta, No. 92, Colonia: Romero de Terreros, C.P. 04310, México, D.F. (MX).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VC VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G07D 11/00

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(21) PCT/FR2004/002355

(22) 16 Sep/sep 2004 (16.09.2004)

(25) fr (26) fr

(30) 0310822 16 Sep/sep 2003 FR (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE FOR AUTOMATICALLY SUPPLYING CASH DISPENSERS AND AUTOMATED TELLER MACHINES

• DISPOSITIF POUR L'ALIMENTATION AUTOMATIQUE DES DISTRIBUTEURS DE BILLETS ET AUTOMATES BANCAIRES

(71, 72) DEMAGNY, Gérard [FR/FR]; 39, rue du Champ des Oiseaux, F-78160 Marly le Roi (FR).



(74) **DE SAINT PALAIS, Arnaud**; Cabinet Moutard, 35, rue de la Paroisse, F-78000 Versailles (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G07F

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(21) PCT/US2004/029860

(22) **9 Sep/sep 2004 (09.09.2004)**

(25) en (26) en

(30) 10/663,440 **15 Sep/sep 2003** US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • REVEAL-HIDE-PICK-REVEAL VIDEO WAGERING GAME FEATURE

• CARACTERISTIQUE DE JEU DE PARI VIDEO AFFICHE-CACHE-PREND-AFFICHE

(71) **IGT [US/US]**; 9295 Prototype Drive, Reno, Nevada 89521 (US).

(72) **DUNN, Brooke, R.**; 3003 La Mesa, Henderson, Nevada 89014 (US). **HARTL, Josef, Alexander**; 9045 Ivybridge Street, Las Vegas, Nevada 89123 (US).

(74) **SMITH, Renato, L. et al. / etc.**; BELL, BOYD & LLOYD LLC, P.O. Box 1135, Chicago, Illinois 60690-1135 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G07F

(11) **WO 2005/029418** (13) A2

(21) PCT/US2004/030156

(22) **15 Sep/sep 2004 (15.09.2004)**

(25) en (26) en

(30) 10/662,754 **15 Sep/sep 2003** US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-MERCHANT GIFT REGISTRY  
• LISTE DE MARIAGE A COMMERCANTS MULTIPLES

(71, 72) **VEENEMAN, William, J. [US/US]**; 110 Bank Street S.E., La Rive Condominium #1701, Minneapolis, MN 55414 (US).

(74) **PADMANABHAN, Devan, V. et al. / etc.**; Dorsey & Whitney LLP, Intellectual Property Department, Suite 1500, 50 South Sixth Street, Minneapolis, MN 55402-1498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G07F 7/06

(11) **WO 2005/029419** (13) A1

(21) PCT/DE2004/002025

(22) **11 Sep/sep 2004 (11.09.2004)**

(25) de (26) de

(30) 203 14 446.5 **17 Sep/sep 2003** DE  
(17.09.2003)

(30) 203 20 134.5 **30 Dec/déc 2003** DE  
(30.12.2003)

(30) 20 2004 002 813.1 **20 Feb/fév 2004** DE  
(20.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SELF-SERVICE MACHINE FOR THE RETURN OF EMPTY PACKAGING MATERIAL

• AUTOMATE EN LIBRE SERVICE POUR LE RETOUR D'EMBALLAGES VIDES

(71, 72) **STREIB, Gerhard [DE/DE]**; Unterm Sand 24, 69181 Leimen (DE).

(74) **MEYER-ROEDERN, Giso**; Bergheimer Strasse 10-12, 69115 Heidelberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G07F 9/00

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(22) **21 Sep/sep 2004 (21.09.2004)**

(25) ja (26) ja

(30) 2003-329992 **22 Sep/sep 2003** JP  
(22.09.2003)

(30) 2003-329993 **22 Sep/sep 2003** JP  
(22.09.2003)

(30) 2003-329994 **22 Sep/sep 2003** JP  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SHEET-SHAPED OBJECT PROCESSING DEVICE AND METHOD

• DISPOSITIF DE TRAITEMENT D'OBJETS EN FEUILLE, ET PROCEDE CORRESPONDANT

(71) **KABUSHIKI KAISHA NIPPON CONLUX [JP/JP]**; 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YASUDA, Shigeru [JP/JP]**; c/o KABUSHIKI KAISHA NIPPON CONLUX, 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP). **KOYAMA, Kenji [JP/JP]**; c/o KABUSHIKI KAISHA NIPPON CONLUX, 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP). **SAKAMOTO, Yuichi [JP/JP]**; c/o KABUSHIKI KAISHA NIPPON CONLUX, 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP).

(74) **KIMURA, Takahisa**; 6F, Sendai Building, 8-11, Minato 1-chome, Chuo-ku, Tokyo, 1040043 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) **WO 2005/029421** (13) A1

(21) PCT/US2004/029761

(22) **10 Sep/sep 2004 (10.09.2004)**

(25) en (26) en

(30) 10/661,095 **12 Sep/sep 2003** US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GAME ORIENTED PROMOTIONAL CARD

• CARTE PROMOTIONNELLE CIBLEE SUR LE JEU

(71) **IGT [US/US]**; 9295 Prototype Drive, Reno, Nevada 89510 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **ROWE, Richard, E.** [US/US]; 963 Dorsey Drive, Incline Village, Nevada 89451 (US).
- (74) **OLYNICK, David, P.**; Beyer Weaver & Thomas, LLP, P.O. Box 70250, Oakland, CA 94612-0250 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G07F 17/32

(11) WO 2005/029422 (13) A1

(21) PCT/US2004/029839

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 60/503,161 15 Sep/sep 2003 US (15.09.2003)

(30) 10/755,982 13 Jan/jan 2004 US (13.01.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • MULTI-PLAYER BINGO GAME WITH OPTIONAL PROGRESSIVE JACKPOT WAGER
- JEU DE BINGO A PLUSIEURS JOUEURS COMPORTANT, EN OPTION, UNE MISE DE JACKPOT PROGRESSIF

(71) **IGT** [US/US]; 9295 Prototype Drive, Reno, NV 89521-8986 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAFFARI, Ali** [US/US]; 2440 Catamaran Drive, Reno, NV 89509 (US). **WOLF, Bryan** [US/US]; 9980 Rising Sun Ct., Reno, NV 89506 (US). **MICHAELSON, Richard, E.** [US/US]; 555 Werth Circle, Lemmon, NV 89506 (US).

(74) **OLYNICK, David, P.** et al. / etc.; Beyer Weaver & Thomas, LLP, P.O. Box 70250, Oakland, CA 94612-0250 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

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(25) en (26) en

(30) 60/503,161 15 Sep/sep 2003 US (15.09.2003)

(30) 10/887,111 8 Jul/juil 2004 US (08.07.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-PLAYER BINGO GAME WITH MULTI-LEVEL AWARD AMOUNT PATTERN MAPPING

- JEU DE BINGO A MULTIPLES JOUEURS A MISE EN CORRESPONDANCE DE MODELES DE SOMMES DE PRIX MULTINIVEAU

(71) **IGT** [US/US]; 9295 Prototype Drive, Reno, NV 89521-8986 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CANNON, Lee, E.** [US/US]; 3550 Stucky Road, Bozeman, MT 59718 (US).

(74) **BAXENDALE, Scott, E.**; Marshall, Gerstein & Borun LLP, 233 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, IL 60606-6357 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G07F 17/32

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(25) en (26) en

(30) 60/503,161 15 Sep/sep 2003 US (15.09.2003)

(30) 10/756,429 13 Jan/jan 2004 US (13.01.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-PLAYER BINGO GAME WITH SLEPT AWARDS REVERTING TO PROGRESSIVE JACKPOT POOL

- JEU DE BINGO A MULTIPLE JOUEURS A PRIX AYANT UNE ECHEANCE REINTEGREE DANS UNE POULE DE GROS LOT PROGRESSIF

(71) **IGT** [US/US]; 9295 Prototype Drive, Reno, NV 89521-8986 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAFFARI, Ali** [US/US]; 2440 Catamaran Drive, Reno, NV 89509 (US). **WOLF, Bryan** [US/US]; 11935 Kernite Street, Reno, NV 89506 (US).

(74) **OLYNICK, David, P.**; Beyer Weaver & Thomas, LLP, P.O. Box 70250, Oakland, CA 94612-0250 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G07F 17/32

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(21) PCT/US2004/029912

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(25) en (26) en

(30) 60/503,161 15 Sep/sep 2003 US (15.09.2003)

(30) 10/756,429 13 Jan/jan 2004 US (13.01.2004)

(30) 10/755,982 13 Jan/jan 2004 US (13.01.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-PLAYER BINGO GAME WITH PROGRESSIVE JACKPOTS

- JEU DE BINGO A MULTIPLES JOUEURS A GROS LOTS PROGRESSIFS

(71) **IGT** [US/US]; 9295 Prototype Drive, Reno, NV 89521-8986 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAFFARI, Ali** [US/US]; 2440 Catamaran Drive, Reno, NV 89509 (US). **WOLF, Bryan** [US/US]; 9980 Rising Sun Ct., Reno, NV 89506 (US). **WANEX, Diane** [US/US]; 9697 Woodhollow Dr., Reno, NV 89521 (US). **MICHAELSON, Richard, E.** [US/US]; 555 Werth Circle, Lemmon, NV 89506 (US).

(74) **OLYNICK, David, P.**; Beyer Weaver & Thomas, LLP, P.O. Box 70250, Oakland, CA 94612-0250 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G07F 17/32

(11) WO 2005/029426 (13) A1

(21) PCT/US2004/029913

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 60/503,161 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-PLAYER BINGO GAME WITH  
GAME-WINNING AWARD SELEC-  
TION  
• JEU DE BINGO MULTIJOUEUR A SE-  
LECTION DE PRIX GAGNANT

(71) IGT [US/US]; 9295 Prototype Drive, Reno,  
NV 89521-8986 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MCGLONE, James [US/US]; 30  
Golden Currant Circle, Reno, NV 89511  
(US). GAIL, Ted [US/US]; 4455 Desert  
Highlands Drive, Sparks, NV 89436 (US).

(74) OLYNICK, David, P.; Beyer Weaver &  
Thomas, LLP, P.O. Box 70250, Oakland, CA  
94612-0250 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
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(25) en (26) en

(30) 60/503,161 15 Sep/sep 2003 US  
(15.09.2003)

(30) 60/536,015 13 Jan/jan 2004 US  
(13.01.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-PLAYER BINGO GAME WITH  
MULTIPLE ALTERNATE OUTCOME  
DISPLAYS  
• JEU DE BINGO A PLUSIEURS  
JOUEURS DOTE DE PLUSIEURS  
ECRANS DE RESULTATS INTER-  
CHANGEABLES

(71) IGT [US/US]; 9295 Prototype Drive, Reno,  
NV 89521-8986 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) CHAMBERLAIN, John, W. [US/US];  
1335 Buzzy's Ranch Rd., Carson City, NV  
89701 (US). SAFFARI, Ali [US/US]; 2440  
Catamaran Drive, Reno, NV 89505 (US).  
WOLF, Bryan [US/US]; 11935 Kernite  
Street, Reno, NV 89506 (US).

(74) BAXENDALE, Scott, E.; Marshall, Ger-  
stein & Borun LLP, 233 S. Wacker Drive,  
Suite 6300, Sears Tower, Chicago, IL  
60606-6357 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(21) PCT/US2004/030089

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 60/503,161 15 Sep/sep 2003 US  
(15.09.2003)

(30) 10/931,673 1 Sep/sep 2004 US  
(01.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-PLAYER BINGO GAME WITH  
REAL-TIME GAME-WINNING PAT-  
TERN DETERMINATION  
• JEU DE LOTO A JOUEURS MUL-  
TIPLES A DETERMINATION DE  
STRUCTURE DE JEU GAGNANTE  
EN TEMPS REEL

(71) IGT [US/US]; 9295 Prototype Drive, Reno,  
NV 89521-8986 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) CANNON, Lee, E. [US/US]; 3550  
Stucky Road, Bozeman, MT 59718 (US).

(74) OLYNICK, David, P.; Beyer Weaver &  
Thomas, LLP, P.O. Box 70250, Oakland, CA  
94612-0250 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> G07F 17/32, A63F 3/06

(11) WO 2005/029429 (13) A1

(21) PCT/US2004/030093

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,161 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-PLAYER BINGO GAME WITH  
MULTIPLE CARDS PER PLAYER  
• JEU DE BINGO A PLUSIEURS  
JOUEURS ET MULTICARTES PAR  
JOUEUR

(71) IGT [US/US]; 9295 Prototype Drive, Reno,  
NV 89521-8986 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) CANNON, Lee, E. [US/US]; 3550  
Stucky Road, Bozeman, MT 59718 (US).

(74) BAXENDALE, Scott, E.; Marshall, Ger-  
stein & Borun LLP, 6300 Sears Towers, 233  
South Wacker Drive, Chicago, IL 60606  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G07F 17/32

(11) WO 2005/029430 (13) A1

(21) PCT/US2004/030285

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,161 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-PLAYER BINGO GAME AND  
METHODS FOR DETERMINING  
GAME-WINNING AWARDS  
• JEU DE BINGO A PLUSIEURS  
JOUEURS ET PROCEDES PERMET-  
TANT DE DETERMINER DES RECOM-  
PENSES DU JEU GAGNANT

(71) IGT [US/US]; 9295 Prototype Drive, Reno,  
Nevada 89521-8986 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) CANNON, Lee, E. [US/US]; 3550  
Stucky Road, Bozeman, MT 59718 (US).

(74) **OLYNICK, David, P.**; Beyer Weaver & Thomas, LLP, P.O. Box 70250, Oakland, CA 94612-0250 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G07F 19/00

(11) WO 2005/029431 (13) A1

(21) PCT/HR2004/000002

(22) 12 Feb/fév 2004 (12.02.2004)

(25) en (26) en

(30) P20030767A 22 Sep/sep 2003 HR (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SMS/CARD SYSTEM OF PAYING GOODS AND SERVICES VIA TELECOMMUNICATIONS DEVICES

• SYSTEME PAR SMS/CARTE POUR LE PAIEMENT DE BIENS ET DE SERVICES VIA DES DISPOSITIFS DE TELECOMMUNICATIONS

(71, 72) **MARIC, Josko** [HR/HR]; Sestinski Kraljevac 20c, 10000 Zagreb (HR).

(74) **DIDAK Vinko**; B. Magovca 15, HR-10010 Zagreb (HR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08B 13/14

(11) WO 2005/029432 (13) A1

(21) PCT/US2004/030646

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 2003-7295 18 Sep/sep 2003 ZA (18.09.2003)

(30) 60/592,012 27 Jul/juil 2004 US (27.07.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MERCHANDISE SECURITY DEVICE

• DISPOSITIF DE SECURITE DE MARCHANDISES

(71, 72) **LYLE, Michael, A.** [US/US]; 3830 Corinth Drive, Gainesville, GA 30506 (US). **GREENE, William, R.** [US/US]; 100 Laguna Villas Boulevard, Apt. 1G, Jacksonville Beach, FL 32250 (US).

(74) **KRIEGSMAN, Edward, M.** et al. / etc.; Kriegsman & Kriegsman, 665 Franklin Street, Framingham, MA 01702 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G08B 21/06

(11) WO 2005/029433 (13) A1

(21) PCT/IT2003/000654

(22) 23 Oct/oct 2003 (23.10.2003)

(25) en (26) en

(30) MI2003A001798 22 Sep/sep 2003 IT (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ANATOMICAL SAFETY DEVICE TO PREVENT DRIVERS OF MOTOR VEHICLES FROM FALLING ASLEEP

• DISPOSITIF DE SECURITE ANATOMIQUE POUR LA PREVENTION DE L'ENDORMISSEMENT DE CONDUCTEURS DE VEHICULES MOTORISES

(71, 72) **TASSIA, Giuseppe** [IT/IT]; Via P. III. Colombo, 2, I-Bernareggio (Milano) (IT).

(74) **DIGIOVANNI ITALO**; Brevetti Dott. Ing. Digiovanni Schmedt S.r.l., Via Aldrovandi, 7, I-20129 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08B 25/01

(11) WO 2005/029434 (13) A1

(21) PCT/FR2003/002640

(22) 4 Sep/sep 2003 (04.09.2003)

(25) fr (26) fr

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EMITTERS/RECEIVERS AND PORTABLE RECEIVER/VIBRATING UNIT HAVING MULTIPLE ACTUATIONS

• EMETTEURS/RECEPTEURS ET RE-CEPTEUR/VIBREUR PORTABLE A DECLENCHEMENTS MULTIPLES

(71, 72) **BELLONE, Raymond** [FR/FR]; 26, première Avenue, F-60260 Lamorlaye (FR). **BELLONE, Alexia** [FR/FR]; 26, première Avenue, F-60260 Lamorlaye (FR).

(74) **MICHELET, Alain** et al. / etc.; Cabinet Harle & Phelip, 7, rue de Madrid, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(51)<sup>7</sup> G08B 29/12, 29/00, G01F 1/00

(11) WO 2005/029435 (13) A1

(21) PCT/AU2004/001320

(22) 24 Sep/sep 2004 (24.09.2004)

(25) en (26) en

(30) 2003905197 24 Sep/sep 2003 AU (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR DETERMINING OPERATIONAL CONDITION OF POLLUTION MONITORING EQUIPMENT

• PROCEDE ET APPAREIL PERMETTANT DE DETERMINER L'ETAT OPERATIONNEL D'UN EQUIPEMENT DE CONTROLE DE LA POLLUTION

(71) **VISION FIRE & SECURITY PTY LTD** [AU/AU]; 495 Blackburn Road, Mount Waverley, Victoria 3149 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KNOX, Ron** [AU/AU]; 90 Allison Road, Mount Eliza, Victoria 3930 (AU).

(74) **HENSHAW, Damon** et al. / etc.; 1 Nicholson Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08C 17/02, F16C 19/06, 19/18, 19/52, 41/00, B60B 35/18

(11) WO 2005/029436 (13) A1

(21) PCT/JP2004/013353

(22) 14 Sep/sep 2004 (14.09.2004)

(25) ja (26) ja

(30) 2003-327699 19 Sep/sep 2003 JP  
(19.09.2003)(30) 2003-327700 19 Sep/sep 2003 JP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • WIRELESS SENSOR SYSTEM AND  
WIRELESS SENSOR-EQUIPPED  
BEARING DEVICE• SYSTEME DE DETECTION SANS FIL  
ET DISPOSITIF D'APPUI EQUIPE D'UN  
SYSTEME DE DETECTION SANS FIL(71) NTN CORPORATION [JP/JP]; 3-17, Ky-  
omachibori 1-chome, Nishi-ku, Osaka-shi,  
Osaka 550-0003 (JP).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) OKADA, Koichi [JP/JP]; c/o NTN Cor-  
poration, 1578 Higashikaizuka, Iwata-shi,  
Shizuoka 438-0037 (JP). MIZUTANI,  
Masatoshi [JP/JP]; c/o NTN Corporation,  
1578 Higashikaizuka, Iwata-shi, Shizuoka  
438-0037 (JP). SASAKI, Norihiko [JP/JP];  
c/o NTN Corporation, 1578 Higashikaizuka,  
Iwata-shi, Shizuoka 438-0037 (JP).(74) SUGIMOTO, Shuji et al. / etc.; Higob-  
ashi Nittai Bldg., 10-2, Edojori 1-chome,  
Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> G08G

(11) WO 2005/029437 (13) A2

(21) PCT/US2004/030175

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,144 15 Sep/sep 2003 US  
(15.09.2003)(30) 10/811,075 24 Mar/mar 2004 US  
(24.03.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FORWARDING SYSTEM FOR  
LONG-RANGE PREEMPTION AND  
CORRIDOR CLEARANCE FOR EMER-  
GENCY RESPONSE• SYSTEME DE TRANSMISSION DE  
PRIORITISATION LONGUE DIS-  
TANCE ET D'AUTORISATION DE  
CORRIDOR DESTINE A UNE RE-  
PONSE D'URGENCE(71) CALIFORNIA INSTITUTE OF TECH-  
NOLOGY [US/US]; 1200 East California  
Boulevard, Mail Stop 201-85, Pasadena, CA  
91125 (US).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) BACHELDER, Aaron, D. [US/US]; 22  
Carnelian, Irvine, CA 92614 (US).(74) DAO, Tom, H.; Christie, Parker &  
Hale, LLP, Suite 500, 350 West Colorado  
Boulevard, P.O. Box 7068, Pasadena, ca  
91109-7068 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> G08G 1/0968

(11) WO 2005/029438 (13) A1

(21) PCT/KR2004/002380

(22) 16 Sep/sep 2004 (16.09.2004)

(25) ko (26) en

(30) 10-2003-0065453 22 Sep/sep 2003 KR  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A TRAFFIC INFORMATION EX-  
CHANGE METHOD• PROCEDE D'ECHANGE  
D'INFORMATIONS CONCER-  
NANT LA CIRCULATION ROUTIERE(71) ATN CO. LTD. [KR/KR]; 2nd Fl, Hana  
Bank Bld, 85-26, Won-dong, Dong-gu, Dae-  
jeon, 300-010 (KR).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) CHOI, Jae Moon [KR/KR]; EXPO Apt  
508-901, 464-1, Jeomin-dong, Yuseong-gu,  
Daejeon, 305-762 (KR).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> G08G 1/16

(11) WO 2005/029439 (13) A1

(21) PCT/EP2004/009234

(22) 18 Aug/août 2004 (18.08.2004)

(25) de (26) de

(30) 103 41 905.5 11 Sep/sep 2003 DE  
(11.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND DEVICE FOR DETER-  
MINING A POSITION OF A MOTOR  
VEHICLE ON A ROAD• PROCEDE ET DISPOSITIF POUR DE-  
TERMINER LA POSITION D'UN VEHI-  
CULE SUR LA CHAUSSEE(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-  
plestrasse 225, 70567 Stuttgart (DE).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) BERNHARD, Werner [DE/DE];  
Kapellenstrasse 25, 70794 Filderstadt (DE).  
KNÖPPEL, Carsten [DE/DE]; Bergstaffel-  
str. 19, 70329 Stuttgart (DE). KOLBE, Uli  
[DE/DE]; Markelstrasse 9, 70193 Stuttgart  
(DE). SCHANZ, Alexander [DE/DE]; Am  
Gelben Weg 7, 70188 Stuttgart (DE).(74) BERGHOLD, Klaus et al. / etc.; Daimler-  
Chrysler AG, Intellectual Property Manage-  
ment, IPM-C106, 70546 Stuttgart (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> G08G 1/16

(11) WO 2005/029440 (13) A1

(21) PCT/JP2004/013802

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ja (26) ja

(30) 2003-331356 24 Sep/sep 2003 JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE FOR DETECTING ROAD  
TRAVELING LANE• DISPOSITIF SERVANT A DETECTER  
UNE VOIE DE CIRCULATION ROU-  
TIERE(71) AISIN SEIKI KABUSHIKI KAISHA  
[JP/JP]; 1, Asahi-machi 2-chome, Kariya-shi,  
Aichi, 4488650 (JP).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) KAKINAMI, Toshiaki [JP/JP]; c/o  
AISIN SEIKI KABUSHIKI KAISHA, 1,  
Asahi-machi 2-chome, Kariya-shi, Aichi,  
4488650 (JP). HIRAMAKI, Takashi  
[JP/JP]; c/o AISIN SEIKI KABUSHIKI  
KAISHA, 1, Asahi-machi 2-chome,  
Kariya-shi, Aichi, 4488650 (JP). AKITA,  
Tokihiko [JP/JP]; c/o AISIN SEIKI  
KABUSHIKI KAISHA, 1, Asahi-machi  
2-chome, Kariya-shi, Aichi, 4488650 (JP).(74) IKEDA, Kazuma; Fair Building North 201,  
5-27, Izumi 1-chome, Higashi-ku, Nagoya-  
shi, Aichi 4610001 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)<sup>7</sup> G08G 1/16

(11) WO 2005/029441 (13) A1

(21) PCT/JP2004/013803

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ja (26) ja

(30) 2003-331357 24 Sep/sep 2003 JP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE FOR DETECTING ROAD TRAVELING LANE

- DISPOSITIF SERVANT A DETECTER UNE VOIE DE CIRCULATION ROUTIERE

(71) AISIN SEIKI KABUSHIKI KAISHA [JP/JP]; 1, Asahi-machi 2-chome, Kariya-shi, Aichi, 4488650 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAKINAMI, Toshiaki [JP/JP]; c/o AISIN SEIKI KABUSHIKI KAISHA, 1, Asahi-machi 2-chome, Kariya-shi, Aichi, 4488650 (JP). HIRAMAKI, Takashi [JP/JP]; c/o AISIN SEIKI KABUSHIKI KAISHA, 1, Asahi-machi 2-chome, Kariya-shi, Aichi, 4488650 (JP). AKITA, Tokihiko [JP/JP]; c/o AISIN SEIKI KABUSHIKI KAISHA, 1, Asahi-machi 2-chome, Kariya-shi, Aichi, 4488650 (JP).

(74) IKEDA, Kazuma; Fair Building North 201, 5-27, Izumi 1-chome, Higashi-ku, Nagoya-shi, Aichi 4610001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)<sup>7</sup> G09B 19/00, G01M 19/00, 7/08

(11) WO 2005/029442 (13) A1

(21) PCT/IB2004/002921

(22) 8 Sep/sep 2004 (08.09.2004)

(25) en (26) en

(30) 10/666,171 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR ESTIMATING DISPLACEMENT OF A SEAT-BELTED OCCUPANT

- SYSTEME ET METHODE D'ESTIMATION DU DEPLACEMENT D'UNE PERSONNE PORTANT UNE CEINTURE DE SECURITE BOUCLEE A BORD D'UN VEHICULE

(71) EATON CORPORATION [US/US]; Eaton Center, 1111 Superior Avenue, Cleveland, OH 44114 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WHITE, Samer, Rounald [US/US]; 6229 Branford Drive, West Bloomfield, MI 48322 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G09B 29/00

(11) WO 2005/029443 (13) A1

(21) PCT/JP2004/013435

(22) 15 Sep/sep 2004 (15.09.2004)

(25) ja

(26) ja

(30) 2003-326744 18 Sep/sep 2003 JP (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ON-VEHICLE INFORMATION TERMINAL, SUMMARIZED MAP CREATION DEVICE, SUMMARIZED MAP CREATION METHOD

- TERMINAL DE DONNEES EM-BARQUE DANS UN VEHICULE, ET DISPOSITIF ET PROCEDE DE PRODUCTION DE CARTE REDUITE

(71) XANAUI INFORMATICS CORPORATION [JP/JP]; 6-35, Hironodai 2-chome, Zama-shi, Kanagawa, 2280012 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUMIZAWA, Akio [JP/JP]; c/o XANAUI INFORMATICS CORPORATION 6-35, Hironodai 2-chome, Zama-shi, Kanagawa, 2280012 (JP). MINAGAWA, Hiroshi [JP/JP]; c/o XANAUI INFORMATICS CORPORATION 6-35, Hironodai 2-chome, Zama-shi, Kanagawa, 2280012 (JP). OIKUBO, Wataru [JP/JP]; c/o XANAUI INFORMATICS CORPORATION 6-35, Hironodai 2-chome, Zama-shi, Kanagawa, 2280012 (JP).

(74) NAGAI, Fuyuki; Iino Building, 2-1-1, Uchi-saiwai-cho, Chiyoda-ku, Tokyo, 1000111 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)<sup>7</sup> G09B 29/00, 29/04

(11) WO 2005/029444 (13) A1

(21) PCT/US2004/029778

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 60/502,768 12 Sep/sep 2003 US (12.09.2003)

(30) 10/935,873 8 Sep/sep 2004 US (08.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTIPLE FOLD PRODUCT AND METHOD OF MAKING THE SAME

- PRODUIT A PLIS MULTIPLES ET SON PROCEDE DE FABRICATION

(71) STROMBERG ALLEN AND COMPANY [US/US]; 3333 W. 47th Street, Chicago, IL 60632 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRUCHKO, Steven, N. [US/US]; 3939 Central, Western Springs, IL 60558 (US).

- KRUCHKO, David H.** [US/US]; 5912 Sunset Avenue, La Grange Highland, Illinois 60525 (US).
- (74) **VANDER LEEST, Kirk**; McAndrews, Held & Malloy, LTD., 500 W. Madison Street, Suite 3400, Chicago, IL 60661 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G09C 1/00**
- (11) **WO 2005/029445** (13) A2
- (21) PCT/US2004/029764
- (22) **9 Sep/sep 2004 (09.09.2004)**
- (25) en (26) en
- (30) 60/504,253 **19 Sep/sep 2003 US (19.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND APPARATUS FOR EFFICIENT CERTIFICATE REVOCATION
- PROCEDE ET DISPOSITIF DE REVOCATION EFFICACE DE CERTIFICAT
- (71) **DOCOMO COMMUNICATIONS LABORATORIES USA, INC.** [US/US]; 181 Metro Drive, Suite 130, San Jose, CA 95110 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GENTRY, Craig, B.** [—/US]; San Jose, CA (US). **RAMZAN, Zulfikar, Amin** [—/US]; San Jose, CA (US).
- (74) **MALLIE, Michael, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G09F**
- (11) **WO 2005/029446** (13) A2
- (21) PCT/CZ2004/000058
- (22) **23 Sep/sep 2004 (23.09.2004)**
- (25) en (26) en
- (30) PUV 14648-03 **23 Sep/sep 2003 CZ (23.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ADVERTISEMENT INFORMATION CARRIER
- SUPPORT D'INFORMATION PUBLICITAIRE
- (71, 72) **MJARTAN, Jan** [CZ/CZ]; Veveri 63, 602 00 Brno (CZ). **KORCIAN, Zdenek** [CZ/CZ]; Koliste 39, 602 00 Brno (CZ).
- (74) **MUSIL, Dobroslav**; Cejl 38, 602 00 Brno (CZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G09F 3/00**
- (11) **WO 2005/029447** (13) A1
- (21) PCT/CN2004/000252
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) zh (26) zh
- (30) 03274663.6 **22 Sep/sep 2003 CN (22.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A TEXTURE CODING LABEL
- ETIQUETTE DE CODAGE TEXTUREE
- (71) **SINOSUN TECHNOLOGY (SHEN ZHEN) LTD.** [CN/CN]; Flat C, 6/F., Bldg. 213, Tairan Industrial Park Chegongmiao Futian, Shen Zhen, Guangdong 518000 (CN).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WEI, Kai Yan** [CN/CN]; Flat C, 6/F., Bldg. 213, Tairan Industrial Park Chegongmiao Futian, Shen Zhen, Guangdong 518000 (CN).
- (74) **CHINA SINDA INTELLECTUAL PROPERTY LTD.**; B 11th Floor, Focus Place, 19 Financial Street, Beijing 100032 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(r) for all designations / pour toutes les designations
- 
- (51)<sup>7</sup> **G09F 3/00**
- (11) **WO 2005/029448** (13) A2
- (21) PCT/GB2004/003833
- (22) **8 Sep/sep 2004 (08.09.2004)**
- (25) en (26) en
- (30) 0322098.5 **20 Sep/sep 2003 GB (20.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • IMPROVEMENTS IN AND RELATING TO SHEET MATERIALS
- MATERIAUX EN FEUILLES AMELIORES
- (71, 72) **MCDONALD, George, Wallace** [GB/GB]; Mon Cachet, Rue de la Cache, Castel, Guernsey (GB).
- (74) **NEIL, Alastair, William et al.** / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G09F 9/30, G02F 1/1335**
- (11) **WO 2005/029449** (13) A1
- (21) PCT/IB2004/051730
- (22) **9 Sep/sep 2004 (09.09.2004)**
- (25) en (26) en
- (30) 0322229.6 **23 Sep/sep 2003 GB (23.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ELECTROOPTIC MICROMECHANICAL DISPLAY WITH DISCRETELY CONTROLLABLE BISTRABLE TRANSFLECTOR
- AFFICHEUR ELECTRO-OPTIQUE/MICROMECHANIQUE A TRANSFLECTEUR BISTABLE COMMANDE DE MANIERE DISCRETE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VERHAEGH, Nynke, A., M.** [NL/NL]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB). **DE BOER, Dirk, K., G.** [NL/NL]; c/o

Philips Intellectual Property, & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB). **JOHNSON, Mark, T.** [GB/NL]; c/o Philips Intellectual Property, & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB). **VAN DER HEIJDEN, Bas** [NL/NL]; c/o Philips Intellectual Property, & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

(74) **WHITE, Andrew, G.**; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G09F 9/30, G02F 1/1345

(11) WO 2005/029450 (13) A1

(21) PCT/JP2004/013535

(22) 16 Sep/sep 2004 (16.09.2004)

(25) ja (26) ja

(30) 2003-327181 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRODE WIRING SUBSTRATE AND DISPLAY DEVICE

• SUBSTRAT DE CABLAGE D'ELECTRODES ET DISPOSITIF D'AFFICHAGE

(71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka, 5458522 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ABE, Takao**TANAKA, Naoyuki-SAWADA, Kohichi

(74) **MAEDA, Hiroshi** et al. / etc.; Osaka-Marubeni Bldg. 5-7, Hommachi 2-chome, Chuo-ku, Osaka-shi, Osaka 5410053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G09F 13/22, 7/22

(11) WO 2005/029451 (13) A1

(21) PCT/SG2003/000230

(22) 25 Sep/sep 2003 (25.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A RETRACTABLE ILLUMINATION MECHANISM  
• MECANISME D'ECLAIRAGE RE-TRACTABLE

(71) **SPECTRUM DESIGNS & RESEARCH PTE. LTD.** [SG/SG]; 642B Geylang Road, Singapore 389572 (SG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOI, Wee, Chong** [SG/SG]; Blk 53 Pipit Road, #06-92, Singapore 370053 (SG). **WANG, Ying, Shu** [SG/SG]; 12 Bayshore Road, Singapore 469965 (SG). **TAN, Choon, Hong** [SG/SG]; Blk 733 Tampines Street 71, #03-83, Singapore 520733 (SG).

(74) **NG KIM TEAN**; Alain A Johns Partnership, P O Box 1861, Robinson Road Post Office, Singapore 903711 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G09G

(11) WO 2005/029452 (13) A2

(21) PCT/US2004/029668

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 60/503,331 16 Sep/sep 2003 US (16.09.2003)

(30) Not furnished / 13 Sep/sep 2004 US non communiqué (13.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SEGMENTED CHARACTER DISPLAY  
• AFFICHEUR DE CARACTÈRES SEGMENTÉ

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN5300, Princeton, NJ 08543-5300 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARPINELLI, Joseph, M.** [US/US]; 39 Pine Knoll Drive, Lawrenceville, NJ 08648 (US). **RIDDLE, George, Herbert, Needham** [US/US]; 21 Grover Avenue, Princeton, NJ 08540 (US). **HILL, Ian, G.** [CA/CA]; 74 Tamarack Drive, Halifax, Nova Scotia B3N3H1 (CA).

(74) **BERARD, Clement, A.**; Dann, Dorfman, Herrell & Skillman, P.C., 1601 Market Street, Suite 2400, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G09G

(11) WO 2005/029453 (13) A2

(21) PCT/US2004/030674

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 10/664,350 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BANKING VIDEO FRAMES ASSOCIATED WITH LINKS AND PROCESSING THE BANKED FRAMES

• ACCUMULATION ET TRAITEMENT DE TRAMES VIDEO ASSOCIEES A DES LIENS

(71) **AVANT INTERACTIVE, INC.** [US/US]; 1304 Carter Drive, Rockaway, NJ 07866 (US).

(72) **SALKIND, Carole, T.**; 1304 Carter Drive, Rockaway, NJ 07866 (US). **FULCO, William, J.**; 1705 Pico Blvd., #121, Santa Monica, CA 90405 (US). **SHIPP, Michael, S.**; 13935 West Tahiti, Way #248, Marina del Ray, CA 90292 (US).

(74) **HOFFMAN, David, L.**; Law Offices of David L. Hoffman, Suite 422, 27023 McBean Parkway, Valencia, CA 91355 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ



CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G09G 3/20, 3/34

(11) WO 2005/029454 (13) A1

(21) PCT/IB2004/051807

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 03160351.3 24 Sep/sep 2003 CN  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND SYSTEM FOR CONTROLLING AN ILLUMINATING APPARATUS

• METHODE ET SYSTEME DE COMMANDE D'UN APPAREIL D'ECLAIRAGE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) QIAN, Xue Cheng [CN/CN]; Philips Electronics China 21/F Kerry, Office Building 218, Tian Mu Xi Road, Shanghai 200070 (CN).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o HAQUE, Azir, Philips Electronics China, 21/F Kerry, Office Building 218 Tian Mu Xi Road, NL-200070 Shanghai (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G09G 3/32, G09F 9/33

(11) WO 2005/029455 (13) A1

(21) PCT/CA2004/001741

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 2,443,206 23 Sep/sep 2003 CA  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PIXEL DRIVER CIRCUIT

• CIRCUIT DE COMMANDE DE PIXELS

(71) IGNIS INNOVATION INC. [CA/CA]; 55 Culpepper Drive, Waterloo, Ontario N2L 5K8 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NATHAN, Arokia [CA/CA]; 55 Culpepper Drive, Waterloo, Ontario N2L 5K8 (CA).

SAKARIYA, Kapil, V. [CA/CA]; 423 Westwood Drive, #28, Kitchener, Ontario N2M 5B5 (CA). SERVATI, Peyman [CA/CA]; 753 Cedar Bend Drive, Waterloo, Ontario N2V 2R6 (CA). JAFARABADIASHTIANI, Shahin [IR/CA]; 24 Brybeck Crescent, #106, Waterloo, Ontario N2M 2C7 (CA).

(74) HARRIS, John, D. et al. / etc.; Gowling Lafleur Henderson LLP, 160 Elgin Street, Suite 2600, Ottawa, Ontario K1P 1C3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G09G 3/32, 5/10, G09F 9/33

(11) WO 2005/029456 (13) A1

(21) PCT/CA2004/001742

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 2,443,206 23 Sep/sep 2003 CA  
(23.09.2003)

(30) 2,472,689 29 Jun/juin 2004 CA  
(29.06.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CIRCUIT AND METHOD FOR DRIVING AN ARRAY OF LIGHT EMITTING PIXELS

• CIRCUIT ET PROCÉDE DE COMMANDE D'UN RESEAU DE PIXELS ELECTROLUMINESCENTS

(71) IGNIS INNOVATION INC. [CA/CA]; 55 Culpepper Drive, Waterloo, Ontario N2L 5K8 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NATHAN, Arokia [CA/CA]; 55 Culpepper Drive, Waterloo, Ontario N2L 5K8 (CA).

VYGRANENKO, Yuriy [UA/CA]; 72 McCarron Crescent, Waterloo, Ontario N2L 5N1 (CA). JAFARABADIASHTIANI, Shahin [IR/CA]; 24 Brybeck Crescent, Apt. 106, Waterloo, Ontario N2M 2C7 (CA). SERVATI, Peyman [CA/CA]; 753 Cedar Bend Drive, Waterloo, Ontario N2V 2R6 (CA).

(74) HARRIS, John, D. et al. / etc.; Gowling Lafleur Henderson LLP, 160 Elgin Street, Suite 2600, Ottawa, Ontario K1P 1C3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G09G 3/34

(11) WO 2005/029457 (13) A2

(21) PCT/IB2004/051788

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/505,002 22 Sep/sep 2003 US  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A BI-STABLE DISPLAY WITH REDUCED MEMORY REQUIREMENT

• AFFICHAGE BISTABLE A CAPACITE REDUITE DE MEMOIRE REQUISE

(71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(71) U.S. PHILIPS CORPORATION [US/US]; 1251 Avenue of the Americas, New York, New York 10020 (US).

(only for / seulement pour AE)

(72, 75) JOHNSON, Mark T [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). ZHOU, Guofu [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(74) KONINKLIJKE PHILIPS ELECTRONICS, N.V.; c/o Frank Keegan, P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR

CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(t) for all designations / pour toutes les  
designations

(51)<sup>7</sup> G09G 3/34

(11) WO 2005/029458 (13) A1

(21) PCT/US2004/030440

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/481,400 19 Sep/sep 2003 US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS FOR REDUCING EDGE EF-  
FECTS IN ELECTRO-OPTIC DISPLAYS  
• PROCEDE DE REDUCTION D'EFFETS  
DE BORD DANS DES AFFICHEURS

(71) E INK CORPORATION [US/US];  
733 Concord Avenue, Cambridge, MA  
02138-1002 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) ZEHNER, Robert, W. [US/US]; 7 Edith  
Street, Arlington, MA 02474 (US). AMUND-  
SON, Karl, R. [US/US]; Apartment No. 21,  
91 Trowbridge Street, Cambridge, 20 02138  
(US).

(74) COLE, David, John; E Ink Corporation,  
733 Concord Avenue, Cambridge, MA  
02138-1002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les  
designations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)

OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(51)<sup>7</sup> G09G 3/34

(11) WO 2005/029459 (13) A1

(21) PCT/US2004/030573

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/663,316 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AUTOMATIC IMAGE LUMINANCE  
CONTROL WITH BACKLIGHT AD-  
JUSTMENT

• CONTROLE AUTOMATIQUE DE LA  
LUMINANCE D'UNE IMAGE A RE-  
GLAGE DE L'ECLAIRAGE DE FOND

(71) INTEL CORPORATION [US/US]; 2200  
Mission College Boulevard, Santa Clara, CA  
95052 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) DIEFENBAUGH, Paul; 1270 NW  
174th Place, Beaverton, OR 97006 (US).  
WYATT, David; 1314 Vanna Court, San  
Jose, CA 95131 (US).

(74) VINCENT, Lester, J. et al. / etc.; Blakely,  
Sokoloff, Taylor & Zafman, 12400 Wilshire  
Boulevard, 7th Floor, Los Angeles, CA 90025  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G09G 5/00

(11) WO 2005/029460 (13) A1

(21) PCT/US2003/026204

(22) 21 Aug/août 2003 (21.08.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FOCUS MANAGEMENT USING  
IN-AIR POINTS

• GESTION DE FOCALISATION UTILI-  
SANT DES POINTS DANS LE VIDE

(71) MICROSOFT CORPORATION [US/US];  
One Microsoft Way, Redmond, WA 98052  
(US).

(72) KOLMYKOV-ZOTOV, Alexander, J.;  
339 226th Lane NE, Sammamish, WA 98074  
(US). SOMJI, Shiraz; 14711 75th Avenue  
NE, Kenmore, WA 98028 (US). BALAZ,  
Rudolph; 21625 NE 92nd Pl., Redmond, WA  
98053 (US). GEORGE, Sam; c/o Microsoft  
Corporation, One Microsoft Way, Redmond,

WA 98052 (US). KRANTZ, Brigitte; c/o  
Microsoft Corporation, One Microsoft Way,  
Redmond, WA 98052 (US).

(74) RAUCHHOLZ, William, F.; Banner & Wit-  
coff, Ltd., 1001 G Street, N.W., 11th Floor,  
Washington, DC 20001-4597 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG UZ VC VN YU ZA  
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> G09G 5/00

(11) WO 2005/029461 (13) A1

(21) PCT/US2004/029647

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 10/664,239 17 Sep/sep 2003 US  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND SYSTEM FOR GENER-  
ATING CHARACTERS  
• PROCEDE ET SYSTEME POUR PRO-  
DUIRE DES CARACTERES

(71) MOTOROLA, INC. [US/US]; 1303 East  
Algonquin Road, Schaumburg, IL 60196  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) PATINO, Joseph [US/US]; 212 SW  
179th Avenue, Pembroke Pines, Florida  
33029 (US). BALLANTYNE, Wayne, W.  
[US/US]; 5516 Lake Tern Court, Coconut  
Creek, Florida 33073 (US).

(74) BROWN, Larry, G. et al. / etc.; 8000 West  
Sunrise Boulevard, Room 1610, Plantation,  
FL 33322 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G10K 11/168

(11) WO 2005/029462 (13) A1

(21) PCT/EP2004/009449

- (22) **24 Aug/août 2004 (24.08.2004)**  
(25) de (26) de  
(30) 103 40 011.7 **29 Aug/août 2003 DE (29.08.2003)**  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • SOUNDPROOFING COATINGS, METHOD FOR THE PRODUCTION THEREOF, AND USE OF THE SAME  
• REVETEMENTS D'ISOLATION PHONIQUE ET PROCEDE DE FABRICATION ET D'UTILISATION DE CEUX-CI  
(71) **BAYERISCHE MOTOREN WERKE AG [DE/DE]**; Petuelring 130, 80788 München (DE). **SIKA TECHNOLOGY AG [CH/CH]**; Zugerstrasse 50, CH-6340 Baar (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **ZISCH, Peter [DE/DE]**; Schwarzanger 12, 80939 München (DE). **MERZ, Peter [CH/CH]**; Riedgutschstrasse 38, CH-8832 Wollerau (CH). **BLANK, Norman [CH/CH]**; Langhaldenstrasse 7E, CH-8803 Rüslikon (CH).  
(74) **KOEPE, Gerd, L.**; Koepe & Partner, Robert-Koch-Str. 1, 80538 München (DE).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> **G10L 11/02, 19/02, 21/02**  
(11) **WO 2005/029463 (13) A1**  
(21) PCT/JP2004/012899  
(22) **31 Aug/août 2004 (31.08.2004)**  
(25) en (26) en  
(30) 2003-314247 **5 Sep/sep 2003 JP (05.09.2003)**  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • A METHOD FOR RECOVERING TARGET SPEECH BASED ON SPEECH SEGMENT DETECTION UNDER A STATIONARY NOISE  
• PROCEDE DE RECUPERATION DE PAROLE CIBLE, FONDE SUR LA DETECTION D'UN SEGMENT VOCAL EN PRESENCE D'UN BRUIT STATIONNAIRE  
(71) **KITAKYUSHU FOUNDATION FOR THE ADVANCEMENT OF INDUSTRY, SCIENCE AND TECHNOLOGY [JP/JP]**; 2-1, Hibikino, Wakamatsu-ku, Kitakyushu-shi, Fukuoka, 8080135 (JP). **KINKI UNIVERSITY [JP/JP]**; 3-4-1, Kowakae, Higashiosaka-shi, Osaka, 5778502 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **GOTANDA, Hiromu [JP/JP]**; c/o Kinki University, Kyushu School of Engineering, 11-6, Kayanomori, Izuka-shi, Fukuoka, 8208555 (JP). **KANEDA, Keiichi [JP/JP]**; c/o Kinki University, Kyushu School of Engineering, 11-6, Kayanomori, Izuka-shi, Fukuoka, 8208555 (JP). **KOYA, Takeshi [JP/JP]**; c/o Kinki University, Kyushu School of Engineering, 11-6, Kayanomori, Izuka-shi, Fukuoka, 8208555 (JP).

- (74) **YAGUCHI, Taro et al. / etc.**; Omori And Yaguchi, 4th Floor Matrice Bldg., 2-13-7, Minamiaoyama, Minato-ku, Tokyo, 1070062 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **G10L 15/06**  
(11) **WO 2005/029464 (13) A1**  
(21) PCT/FR2004/050438  
(22) **16 Sep/sep 2004 (16.09.2004)**  
(25) fr (26) fr  
(30) 0350544 **16 Sep/sep 2003 FR (16.09.2003)**  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • METHOD FOR UNSUPERVISED DOPING AND REJECTION OF WORDS NOT IN A VOCABULARY IN VOCAL RECOGNITION  
• PROCEDE POUR LE DOPAGE NON SUPERVISE ET LE REJET DES MOTS HORS VOCABULAIRE EN RECONNAISSANCE VOCALE

- (71) **TELISMA [FR/FR]**; Parc d'Activité de Beaujardin, F-35410 CHATEAUGIRON (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **SOUFFLET, Frédéric [FR/FR]**; 4 allée du Vieux Presbytère, F-35410 SAINT-AUBIN-DU-PAVAIL (FR). **BLEAS, Gildas [FR/FR]**; 16 rue Thiers, F-35000 RENNES (FR). **COGNE, Laurent [FR/FR]**; LaTouche-Maudayais, F-35150 BOISTRUDAN (FR).

- (74) **BREESE, Pierre**; Breese-Majerowicz, 3 avenue de l'Opéra, F-75001 PARIS (FR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> **G10L 15/22**  
(11) **WO 2005/029465 (13) A1**  
(21) PCT/EP2004/009336  
(22) **20 Aug/août 2004 (20.08.2004)**  
(25) de (26) de  
(30) 103 42 541.1 **15 Sep/sep 2003 DE (15.09.2003)**  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • WORKLOAD DEPENDENT DIALOGUE GUIDANCE  
• CONDUITE D'UN DIALOGUE EN FONCTION D'UNE CHARGE DE TRAVAIL  
(71) **DAIMLERCHRYSLER AG [DE/DE]**; Eplestrasse 225, 70567 Stuttgart (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) **KRONENBERG, Susanne [DE/DE]**; Schillerstrasse 2/3, 89077 Ulm (DE). **HEISTERKAMP, Paul [DE/DE]**; Max-Johann-Strasse 11, 89155 Erbach (DE).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **G10L 19/00, H04N 7/26, G06T 1/00**  
(11) **WO 2005/029466 (13) A1**  
(21) PCT/IB2004/051659  
(22) **1 Sep/sep 2004 (01.09.2004)**  
(25) en (26) en  
(30) 03103481.2 **22 Sep/sep 2003 EP (22.09.2003)**  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • WATERMARKING OF MULTIMEDIA SIGNALS  
• FILIGRANAGE DE SIGNAUX MULTIMEDIA  
(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]**; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) **VAN DER VEEN, Minne [NL/NL]**; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LEMMA, Aweke, N. [NL/NL]**; c/o

Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). APREA, Javier, F. [IT/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BRUEKERS, Alphons, A., M., L. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) SCHMITZ, Herman, J., R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G10L 21/02

(11) WO 2005/029467 (13) A1

(21) PCT/JP2004/012898

(22) 31 Aug/août 2004 (31.08.2004)

(25) en (26) en

(30) 2003-324733 17 Sep/sep 2003 JP (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A METHOD FOR RECOVERING TARGET SPEECH BASED ON AMPLITUDE DISTRIBUTIONS OF SEPARATED SIGNALS

• PROCEDE DE RECUPERATION DE PAROLE CIBLE SUR LA BASE DE DISTRIBUTIONS D'AMPLITUDE DE SIGNAUX SEPARES

(71) KITAKYUSHU FOUNDATION FOR THE ADVANCEMENT OF INDUSTRY, SCIENCE AND TECHNOLOGY [JP/JP]; 2-1, Hibikino, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808-0135 (JP). KINKI UNIVERSITY [JP/JP]; 3-4-1, Kowakae, Higashiosaka-shi, Osaka 577-8502 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOTANDA, Hiromu [JP/JP]; c/o Kinki University, Kyushu School of Engineering, 11-6, Kayanomori, Iizuka-shi, Fukuoka 820-8555 (JP). KANEDA, Keichi [JP/JP]; c/o Kinki University, Kyushu School of

Engineering, 11-6, Kayanomori, Iizuka-shi, Fukuoka 820-8555 (JP). KOYA, Takeshi [JP/JP]; c/o Kinki University, Kyushu School of Engineering, 11-6, Kayanomori, Iizuka-shi, Fukuoka 820-8555 (JP).

(74) YAGUCHI, Taro et al. / etc.; Omori And Yaguchi, 4th Floor Matrice Bldg., 2-13-7, Minamiaoyama, Minato-ku, Tokyo 107-0062 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G10L 21/02

(11) WO 2005/029468 (13) A1

(21) PCT/US2004/029234

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 10/667,207 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VOICE ACTIVITY DETECTOR (VAD)-BASED MULTIPLE-MICROPHONE ACOUSTIC NOISE SUPPRESSION

• SUPPRESSION DE BRUIT ACOUSTIQUE DANS PLUSIEURS MICROPHONES AU MOYEN D'UN DETECTEUR D'ACTIVITE VOCALE (VAD)

(71) ALIPHCOM, INC. [US/US]; 8000 Marina Blvd., Suite 120, Brisbane, CA 94005 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURNETT, Gregory, C. [US/US]; 8000 Marina Blvd., Suite 120, Brisbane, CA 94005 (US). BREITFELLER, Eric, F. [US/US]; 8000 Marina Blvd., Suite 120, Brisbane, CA 94005 (US).

(74) COURTNEY, Barbara, B. et al. / etc.; Shemwell Gregory & Courtney LLP, 4880 Stevens Creek Blvd., Suite 201, San Jose, CA 95129 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B

(11) WO 2005/029469 (13) A2

(21) PCT/IL2004/000783

(22) 30 Aug/août 2004 (30.08.2004)

(25) en (26) en

(30) 10/667,481 23 Sep/sep 2003 US (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CIRCUIT, SYSTEM AND METHOD FOR ENCODING DATA TO BE STORED ON A NON-VOLATILE MEMORY ARRAY

• CIRCUIT, SYSTEME ET PROCEDE DE CODAGE DE DONNEES A STOCKER DANS UNE MATRICE MEMOIRE NON VOLATILE

(71) INFINEON TECHNOLOGIES FLASH LTD. [IL/IL]; P.O.Box 8385, Industrial Park Poleg, 42504 Netanya (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAZ, Meirav [IL/IL]; 6 HaShaked St., PO Box 509, 40500 Even Yehuda (IL). COHEN, Zeev [IL/IL]; 17b HaBareket St., PO Box 10033, 30900 Zichron Yaakov (IL). MARCU, Alon [IL/IL]; 53 Anafa St., 40600 Tel Mond (IL).

(74) EITAN, PEARL, LATZER & COHEN-ZEDEK et al. / etc.; 7 Shenkar Street, 46725 Herzlia (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B

(11) WO 2005/029470 (13) A2

(21) PCT/US2004/029283

(22) 7 Sep/sep 2004 (07.09.2004)

(25) en (26) en

(30) 10/655,888 5 Sep/sep 2003 US (05.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DATA STORAGE SPLITTER

• DISPOSITIF DE SEPARATION DE STOCKAGE DE DONNEES

(71) D3, INC. [US/US]; 6520 Edenvale Boulevard, Suite 230, Eden Prairies, MN (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUTCHISON, Roger, S. [US/US]; 153 Oakwood Road, Hopkings, MN 55353 (US). LEE, Hsi-Ling; N<sup>o</sup> 5-4 Lane 62 Jan-AI Road, Pan-Chou Tappei Hsien Taiwan

- (74) **DIPPERT, William, H.**; Reed Smith LLP, 599 Lexington Avenue, 29th Floor, New York, NY 10022-7650 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G11B 5/855, 5/84, 5/65**
- (11) **WO 2005/029471** (13) A1
- (21) PCT/JP2004/013154
- (22) **9 Sep/sep 2004 (09.09.2004)**
- (25) ja (26) ja
- (30) 2003-330163 **22 Sep/sep 2003 JP (22.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROCESS FOR PRODUCING MAGNETIC RECORDING MEDIUM AND MAGNETIC RECORDING MEDIUM
- PROCEDE DE PRODUCTION D'UN SUPPORT MAGNETIQUE D'ENREGISTREMENT ET SUPPORT MAGNETIQUE D'ENREGISTREMENT
- (71) **TDK CORPORATION [JP/JP]**; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **OKAWA, Shuichi [JP/JP]**; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). **HATTORI, Kazuhiro [JP/JP]**; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). **SUWA, Takahiro [JP/JP]**; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). **TAKAI, Mitsuru [JP/JP]**; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).
- (74) **MATSUYAMA, Keisuke et al.** / etc.; Minami-Shinjuku Bldg., 10-12, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G11B 7/0045, 7/007**
- (11) **WO 2005/029472** (13) A2
- (21) PCT/IB2004/051727
- (22) **9 Sep/sep 2004 (09.09.2004)**
- (25) en (26) en
- (30) 03103470.5 **19 Sep/sep 2003 EP (19.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • OPTICAL RECORD CARRIER RECORDING METHOD, OPTICAL RECORD CARRIER AND APPARATUS FOR WRITING INFORMATION
- PROCEDE D'ENREGISTREMENT SUR UN SUPPORT D'ENREGISTREMENT OPTIQUE, SUPPORT D'ENREGISTREMENT OPTIQUE ET APPAREIL POUR ECRIRE DES INFORMATIONS
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]**; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **VAN ROMPAEY, Bart [BE/BE]**; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KUIJPER, Maarten [NL/NL]**; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **UITTENBOGAARD, Frank**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :**  
*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*
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- (51)<sup>7</sup> **G11B 7/0045, 7/125**
- (11) **WO 2005/029473** (13) A1
- (21) PCT/JP2004/013333
- (22) **13 Sep/sep 2004 (13.09.2004)**
- (25) ja (26) ja
- (30) 2003-322717 **16 Sep/sep 2003 JP (16.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • RECORDING CONDITION SETTING METHOD, RECORDING METHOD, RECORDING MEDIUM, AND OPTICAL DISC DEVICE
- PROCEDE POUR REGLER UNE CONDITION D'ENREGISTREMENT, PROCEDE ET SUPPORT D'ENREGISTREMENT, DISPOSITIF DE DISQUE OPTIQUE
- (71) **RICOH COMPANY, LTD. [JP/JP]**; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MATSUI, Masakatsu [JP/JP]**; 164-302, Ohmaru, Tsuzuki-ku, Yokohama-shi, Kanagawa, 2240061 (JP).
- (74) **ITOH, Tadahiko**; Yebisu Garden Place Tower 32nd Floor, 20-3, Ebisu4-chome, Shibuya-ku, Tokyo, 1506032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G11B 7/0045, 7/125**
- (11) **WO 2005/029474** (13) A1
- (21) PCT/JP2004/002292
- (22) **26 Feb/fév 2004 (26.02.2004)**
- (25) ja (26) ja
- (30) 2003-327897 **19 Sep/sep 2003 JP (19.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • INFORMATION RECORDER AND INFORMATION RECORDING SYSTEM
- REORDONNANCEMENT D'INFORMATION ET SYSTEME D'ENREGISTREMENT D'INFORMATION
- (71) **RICOH COMPANY LTD. [JP/JP]**; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **NINOMIYA, Masaki [JP/JP]**; 12-312, Nakamachidai 3-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0041 (JP).
- (74) **ITOH, Tadahiko**; 32nd Floor, Yebisu Garden Place Tower, 20-3 Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 7/005, 7/007

(11) WO 2005/029475 (13) A2

(21) PCT/JP2004/012493

(22) 30 Aug/août 2004 (30.08.2004)

(25) ja (26) ja

(30) 2003-327438 19 Sep/sep 2003 JP (19.09.2003)

(30) 2003-415540 12 Dec/déc 2003 JP (12.12.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • WOBBLE SIGNAL DEMODULATING METHOD, WOBBLE SIGNAL DEMODULATING CIRCUIT, AND OPTICAL DISK DEVICE

• PROCEDE DE DEMODULATION D'UN SIGNAL D'ULULATION, CIRCUIT DE DEMODULATION D'UN SIGNAL D'ULULATION ET DISPOSITIF DE DISQUE OPTIQUE

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUROBE, Shinichi [JP/JP]; 22-7-401, Harajuku 2-chome, Totsuka-ku, Yokohama-shi, Kanagawa 245-0063 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (i)

(51)<sup>7</sup> G11B 7/0065, 7/135, G03H 1/04, 1/26

(11) WO 2005/029476 (13) A1

(21) PCT/JP2004/013737

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-330575 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INFORMATION RECORDING DEVICE AND INFORMATION RECORDING/REPRODUCING DEVICE

• DISPOSITIF D'ENREGISTREMENT D'INFORMATIONS, ET DISPOSITIF D'ENREGISTREMENT/DE LECTURE D'INFORMATIONS

(71) PIONEER CORPORATION [JP/JP]; 4-1, Meguro 1-chome, Meguro-ku, Tokyo, 1538654 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KURODA, Kazuo [JP/JP]; c/o PIONEER CORPORATION, Tokorozawa Works. 2610, Hanazono 4-chome, Tokorozawa-shi, Saitama, 3598522 (JP).

(74) EGAMI, Tatsuo et al. / etc.; c/o TOKYO CENTRAL PATENT FIRM, 4th Floor, Oak Building Kyobashi, 16-10, Kyobashi 1-chome, Chuou-ku, Tokyo, 1040031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 7/09

(11) WO 2005/029477 (13) A1

(21) PCT/JP2003/011773

(22) 16 Sep/sep 2003 (16.09.2003)

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TRACKING DEVICE

• DISPOSITIF DE SUIVI

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IKEDA, Toru [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) TOYAMA, Tsutomu et al. / etc.; Acropolis 21 Building 6th Floor, 4-10, Higashinoh-bashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> G11B 7/095

(11) WO 2005/029478 (13) A1

(21) PCT/JP2004/011929

(22) 19 Aug/août 2004 (19.08.2004)

(25) ja (26) ja

(30) 2003-326428 18 Sep/sep 2003 JP (18.09.2003)

(30) 2004-030108 6 Feb/fév 2004 JP (06.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • OPTICAL RECORDING MEDIUM TILT COMPENSATING APPARATUS AND

METHOD, AND OPTICAL INFORMATION PROCESSING APPARATUS

• CORRECTEUR D'INCLINAISON DE SUPPORT D'ENREGISTREMENT OPTIQUE ET PROCEDE CORRESPONDANT, ET APPAREIL DE TRAITEMENT DE L'INFORMATION OPTIQUE

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 1438555 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWASAKI, Toshiyuki [JP/JP]; 25-9-106, Kakinokidai Aoba-ku, Yokohama-shi, Kanagawa 2270048 (JP). HIRAI, Hideaki [JP/JP]; 3255-1-507, Nagatsuta-cho Midori-ku, Yokohama-shi, Kanagawa 2260026 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower 20-3, Ebisu, 4-chome, Shibuya-ku, Tokyo 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 7/125, 7/0045

(11) WO 2005/029479 (13) A1

(21) PCT/JP2004/014042

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-325807 18 Sep/sep 2003 JP (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RECORDING/REPRODUCING METHOD AND RECORDING/REPRODUCING DEVICE

• PROCEDE ET DISPOSITIF D'ENREGISTREMENT/REPRODUCTION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOBAYASHI, IsoaSHOJI, Mamoru

(74) YAMAMOTO, Shusaku et al. / etc.; Fifteenth Floor, Crystal Tower, 2-27, Shiro-1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 7/125, 7/135

(11) WO 2005/029480 (13) A1

(21) PCT/JP2004/003415

(22) 15 Mar/mar 2004 (15.03.2004)

(25) ja (26) ja

(30) 2003-328756 19 Sep/sep 2003 JP (19.09.2003)

(30) 2003-367838 28 Oct/oct 2003 JP (28.10.2003)

(30) 2003-390765 20 Nov/nov 2003 JP (20.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ABERRATION ADJUSTER, OPTICAL PICKUP, OPTICAL INFORMATION RECORDING MEDIUM, PROGRAM, STORAGE MEDIUM AND ABERRATION ADJUSTING METHOD

• AJUSTEUR D'ABERRATION, CAPTEUR OPTIQUE, SUPPORT D'ENREGISTREMENT D'INFORMATIONS OPTIQUES, PROGRAMME, SUPPORT DE STOCKAGE ET PROCEDE D'AJUSTEMENT D'ABERRATION

(71) RICOH COMPANY LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) AKIYAMA, Hiroshi [JP/JP]; 2-7-706, Hayabuchi 1-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa, 2240025 (JP).

(74) ITOH, Tadahiko; 32nd floor, Yesibu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 7/13

(11) WO 2005/029481 (13) A1

(21) PCT/KR2003/002169

(22) 17 Oct/oct 2003 (17.10.2003)

(25) en (26) en

(30) 10-2003-0065382 20 Sep/sep 2003 KR (20.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PHOTO DIODE IC

• CIRCUIT INTEGRE DE PHOTODIODE

(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maectan-dong, Paldal-gu, Suwon-city, 442-370 Gyunggi-do (KR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARK, Soo-han [KR/KR]; 511-901, Jinsan-maectan Samsung 5th Apartment, 1161, Bojeong-ri, Guseong-myeon, Yongsin-city, 449-913 Gyunggi-do (KR). KIM, Jong-uk [KR/KR]; 301, Hyundai Haitez Villa, 435-66, Singal-ri, Giheung-cup, Yongsin-city, 449-597 Gyunggi-do (KR).

(74) JEONG, Hong-sik; 8Fl., Daelim Bldg., 1600-3, Seocho-dong, Seocho-gu, 137-877 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 7/24

(11) WO 2005/029482 (13) A1

(21) PCT/JP2004/013558

(22) 16 Sep/sep 2004 (16.09.2004)

(25) ja (26) ja

(30) 2003-330490 22 Sep/sep 2003 JP (22.09.2003)

(30) 2004-176429 15 Jun/juin 2004 JP (15.06.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TWO-LAYER PHASE-CHANGE INFORMATION RECORDING MEDIUM AND ITS RECORDING/REPRODUCING METHOD

• SUPPORT D'ENREGISTREMENT D'INFORMATIONS A CHANGEMENT DE PHASE BICOUCHE

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) IWASA, Hiroyuki [JP/JP]; Reciente Chigasaki 408, 15-3, Chigasakichuo, Tsuzuki-ku, Yokohama-shi, Kanagawa 2240032 (JP). SHINOTSUKA, Michiaki [JP/JP]; More Stage Ryujogaoka, 6-45-211, Ryujogaoka, Hiratsuka-shi, Kanagawa 2540814 (JP). SHINKAI, Masaru [JP/JP]; 683, Kawashima-cho, Hodogaya-ku, Yokohama-shi, Kanagawa 2400045 (JP).

(74) HIROTA, Koichi; Hirota, Nagare & Associates, 8th Floor, Miyata Bldg., 1-38-2, Yoyogi, Shibuya-ku, Tokyo 1510053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 7/24

(11) WO 2005/029483 (13) A1

(21) PCT/JP2004/014012

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 2003-324185 17 Sep/sep 2003 JP (17.09.2003)

(30) 2003-389263 19 Nov/nov 2003 JP (19.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RECORDING MEDIA

• SUPPORT D'ENREGISTREMENT

(71) FUJI PHOTO FILM CO.,LTD. [JP/JP]; 210, Nakamura, Minami-Ashigara-shi, Kanagawa 250-0123 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAGAOKA, Katsurou [JP/JP]; c/o Fuji Photo Film Co., Ltd., 210, Nakanuma, Minami-Ashigara-shi, Kanagawa 250-0123 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 7/24

(11) WO 2005/029484 (13) A1

(21) PCT/KR2004/002426

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ko (26) en

(30) 10-2003-0065534 22 Sep/sep 2003 KR (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HIGH DENSITY READABLE ONLY OPTICAL DISC AND METHOD OF PREPARING THE SAME

- DISQUE OPTIQUE HAUTE DENSITE  
NON INSCRIPTIBLE ET PROCEDE DE  
PREPARATION
- (71) SAMSUNG ELECTRONICS CO., LTD.  
[KR/KR]; 416, Maetan-dong, Yeongtong-gu,  
Suwon-si, Gyeonggi-do 442-742 (KR).
- (72) KIM, Hyun-Ki; 216-702 Shinyoungtong  
Hyundai Apt., 868, Banwol-ri, Taean-eup,  
Hwasong-gun, Gyeonggi-do 445-983  
(KR). KIM, Joo-Ho; 103-901 SK Apt.,  
700, Seocheon-ri, Giheung-eup, Yong-  
in-si, Gyeonggi-do 449-959 (KR). YOON,  
Du-Seop; 315-601 Sibeomdanji Hanyang  
Apt., 87, Seohyun-dong, Bundang-gu,  
Seongnam-si, Gyeonggi-do 463-776 (KR).  
HWANG, In-Oh; 325-801 Sibeomdanji  
Hanyang Apt., 87, Seohyun-dong, Bun-  
dang-gu, Seongnam-si, Gyeonggi-do  
463-776 (KR).
- (74) LEE, Young-Pil; The Cheonghwa Building,  
1571-18, Seocho-dong, Seocho-gu, Seoul  
137-874 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG UZ VC VN YU  
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- Declaration / Déclaration :
- (s) for the following designations / pour les  
designations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)
- (51)<sup>7</sup> G11B 11/105
- (11) WO 2005/029486 (13) A1
- (21) PCT/JP2003/011822
- (22) 17 Sep/sep 2003 (17.09.2003)
- (25) ja (26) ja
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • OPTICAL INFORMATION PROCES-  
SOR  
• PROCESSEUR OPTIQUE POUR IN-  
FORMATIONS
- (71) FUJITSU LIMITED [JP/JP]; 1-1,  
Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) AOYAMA, Nobuhide [JP/JP]; c/o  
FUJITSU LIMITED, 1-1, Kamikodanaka  
4-chome, Nakahara-ku, Kawasaki-shi, Kana-  
gawa 211-8588 (JP).
- (74) HAYASHI, Tsunenori et al. / etc.;  
HAYASHI, DOI & ASSOCIATES,  
Toshou-Bldg. No. 3, 3-9-5, Shin-Yoko-  
hama, Kohoku-ku, Yokohama-shi, Kanagawa  
222-0033 (JP).
- (81) JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR).
- (51)<sup>7</sup> G11B 20/10, 20/14, H03L 7/091, H04L  
7/033
- (11) WO 2005/029487 (13) A1
- (21) PCT/IB2004/051762
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 03103516.5 23 Sep/sep 2003 EP  
(23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • TIMING RECOVERY FOR CHANNELS  
WITH BINARY MODULATION  
• RECUPERATION DE L'HORLOGE  
POUR CANAUX A MODULATION BI-  
NAIRE
- (71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) JANSEN, Theodorus, P., H., G.  
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA  
Eindhoven (NL). STEK, Aalbert [NL/NL];  
c/o Prof. Holstlaan 6, NL-5656 AA Eind-  
hoven (NL). BERGMANS, Johannes, W.,  
M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656  
AA Eindhoven (NL). YIN, Bin [CN/NL]; c/o  
Prof. Holstlaan 6, NL-5656 AA Eindhoven  
(NL).
- (74) UITTENBOGAARD, Frank; Prof. Holst-  
laan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM PG  
PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- (51)<sup>7</sup> G11B 20/10, 20/12, 27/00
- (11) WO 2005/029488 (13) A1
- (21) PCT/JP2004/010310
- (22) 20 Jul/juil 2004 (20.07.2004)
- (25) ja (26) ja
- (30) 2003-327145 19 Sep/sep 2003 JP  
(19.09.2003)
- (30) 2004-159416 28 May/mai 2004 JP  
(28.05.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • INFORMATION RECORDING/RE-  
PRODUCTION DEVICE, INFORMA-  
TION RECORDING/REPRODUC-  
TION METHOD, AND RECORDING  
MEDIUM  
• DISPOSITIF  
D'ENREGISTREMENT/REPRODUCTION  
D'INFORMATIONS, PROCEDE  
D'ENREGISTREMENT/REPRODUCTION  
D'INFORMATIONS ET SUPPORT  
D'ENREGISTREMENT
- (71) RICOH COMPANY, LTD. [JP/JP]; 3-6,  
Nakagome 1-chome, Ohta-ku, Tokyo,  
1438555 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) SAKAI, Shohichiroh [JP/JP]; 4-14,  
Chuo 3-chome, Sagamihara-shi, Kanagawa,  
2290039 (JP).
- (74) ITOH, Tadahiko; 32nd Floor, Yebisu Gar-  
den Place Tower, 20-3, Ebisu 4-chome,  
Shibuya-ku, Tokyo, 1506032 (JP).



(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OMPG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G11B 20/10

(11) WO 2005/029489 (13) A1

(21) PCT/KR2004/002095

(22) 20 Aug/août 2004 (20.08.2004)

(25) en (26) en

(30) 60/505,717 25 Sep/sep 2003 US  
(25.09.2003)

(30) 10-2003-0079853 12 Nov/nov 2003 KR  
(12.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPARATUS AND METHOD FOR  
DISPLAYING MULTIMEDIA DATA  
COMBINED WITH TEXT DATA AND  
RECORDING MEDIUM CONTAINING  
A PROGRAM FOR PERFORMING THE  
SAME METHOD

• APPAREIL ET PROCEDE DE PRE-  
SENTATION DE DONNEES MULTI-  
MEDIA COMBINEES A DU TEXTE,  
ET SUPPORT D'ENREGISTREMENT  
CONTENANT UN PROGRAMME  
D'EXECUTION DUDIT PROCEDE

(71) SAMSUNG ELECTRONICS CO., LTD.  
[KR/KR]; 416 Maetan-dong, Yeongtong-gu,  
Suwon-si, Gyeonggi-do 442-742 (KR).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KIM, Du-II [KR/KR]; #108-1403  
Dongsuwon LG Village, Mangpo-dong,  
Yeongtong-gu, Suwon-si, Gyeonggi-do  
442-706 (KR). KIM, Young-Yoon [KR/KR];  
#B-908 Gungjeon APT, Bangbae-dong, Seo-  
cho-gu, Seoul 137-838 (KR). PORTNYKH,  
Vladimir [RU/GB]; 17, Temple Road, Croy-  
don, Surrey Surrey CR01HU (GB).

(74) KIM, Dong-Jin et al. / etc.; 6th Fl. Young-  
poong Bldg., 142 Nonhyun-dong, Gang-  
nam-gu, Seoul 135-749 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OMPG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G11B 20/10

(11) WO 2005/029490 (13) A1

(21) PCT/KR2004/002309

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 60/505,623 25 Sep/sep 2003 US  
(25.09.2003)

(30) 10-2003-0079852 12 Nov/nov 2003 KR  
(12.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPARATUS AND METHOD FOR DIS-  
PLAYING AUDIO AND VIDEO DATA,  
AND STORAGE MEDIUM RECORD-  
ING THEREON A PROGRAM TO EXE-  
CUTE THE DISPLAYING METHOD

• DISPOSITIF ET PROCEDE  
D'AFFICHAGE DE DONNEES  
AUDIO ET VIDEO, ET SUPPORT  
DE DONNEES EXPLOITANT UN  
PROGRAMME D'EXECUTION DU  
PROCEDE D'AFFICHAGE

(71) SAMSUNG ELECTRONICS CO., LTD.  
[KR/KR]; 416, Maetan-dong, Yeongtong-gu,  
Suwon-si, Gyeonggi-do 442-742 (KR).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KIM, Du-II [KR/KR]; #108-1403 Dong-  
suwon LG Village, Mangpo-dong, Yeong-  
tong-gu, Suwon-si, Gyeonggi-do 442-706  
(KR). KIM, Young-Yoon [KR/KR]; 862-33  
Bangbae 4-dong, Seocho-gu, Seoul 137-838  
(KR). PORTNYKH, Vladimir [RU/GB]; 17  
Temple Road, Croydon, Surrey CR0 1HU  
(GB).

(74) KIM, Dong-Jin et al. / etc.; 6th Fl., Young-  
poong Bldg., 142, Nonhyun-dong, Gang-  
nam-gu, Seoul 135-749 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OMPG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G11B 20/10

(11) WO 2005/029491 (13) A1

(21) PCT/KR2004/002310

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 60/505,625 25 Sep/sep 2003 US  
(25.09.2003)

(30) 10-2003-0079855 12 Nov/nov 2003 KR  
(12.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPARATUS AND METHOD FOR  
DISPLAYING PHOTO AND VIDEO  
DATA AND RECORDING MEDIUM  
CONTAINING A PROGRAM FOR PER-  
FORMING THE SAME METHOD

• APPAREIL ET PROCEDE  
D'AFFICHAGE DE DONNEES  
PHOTO ET VIDEO ET SUPPORT  
D'ENREGISTREMENT CONTENANT  
UN PROGRAMME DE REALISATION  
DUDIT PROCEDE

(71) SAMSUNG ELECTRONICS CO., LTD.  
[KR/KR]; 416, Maetan-dong, Yeongtong-gu,  
Suwon-si, Gyeonggi-do 442-742 (KR).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KIM, Du-II [KR/KR]; #108-1403  
Dongsuwon LG Village, Mangpo-dong,  
Yeongtong-gu, Suwon-si, Gyeonggi-do  
442-706 (KR). KIM, Young-Yoon [KR/KR];  
#B-908 Gungjeon APT, Bangbae-dong, Seo-  
cho-gu, Seoul 137-838 (KR). PORTNYKH,  
Vladimir [RU/GB]; 17 Temple Road, Croy-  
don, Surrey CR0 1HU (GB).

(74) KIM, Dong-Jin et al. / etc.; 6th Fl. Young-  
poong Bldg., 142, Nonhyun-dong, Gang-  
nam-gu, Seoul 135-749 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OMPG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G11B 20/12, 7/004, 7/007, 20/10, 27/00

(11) WO 2005/029492 (13) A1

(21) PCT/JP2004/014046

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-326521 18 Sep/sep 2003 JP  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RECORDING/REPRODUCING DE-  
VICE AND RECORDING MEDIUM

• DISPOSITIF  
D'ENREGISTREMENT/REPRODUCTION  
ET SUPPORT D'ENREGISTREMENT

(71) MATSUSHITA ELECTRIC INDUS-  
TRIAL CO., LTD. [JP/JP]; 1006, Oaza  
Kadoma, Kadoma-shi, Osaka, 5718501 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) NAKAMURA, TadashiHINO, Ya-  
sumoriOKAUCHI, Osamu

(74) IKEUCHI SATO & PARTNER PATENT  
ATTORNEYS; 26th Floor, OAP TOWER  
8-30, Tenmabashi 1-chome, Kita-ku, Os-  
aka-shi, Osaka, 5306026 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 20/14, 20/10

(11) WO 2005/029493 (13) A1

(21) PCT/JP2004/012657

(22) 1 Sep/sep 2004 (01.09.2004)

(25) ja (26) ja

(30) 2003-326112 18 Sep/sep 2003 JP  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INFORMATION RECORDING DEVICE, INFORMATION REPRODUCING DEVICE, INFORMATION RECORDING MEDIUM, METHOD, AND COMPUTER PROGRAM

• DISPOSITIF D'ENREGISTREMENT D'INFORMATION, DISPOSITIF DE LECTURE D'INFORMATION, SUPPORT D'ENREGISTREMENT D'INFORMATION, PROCÉDE ET PROGRAMME INFORMATIQUE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ICHINOSE, Tsutomu [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SAKO, Yoichiro [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) MIYATA, Masaaki et al. / etc.; Sawada, Miyata & Yamada, Patent Office Ginza TK Bldg., 1-7, Shintomi 1-chome, Chuo-Ku, Tokyo 104-0041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 21/21

(11) WO 2005/029494 (13) A1

(21) PCT/CN2003/000815

(22) 25 Sep/sep 2003 (25.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TREATMENT SYSTEM AND METHOD FOR A HEAD GIMBAL ASSEMBLY STATIC ALTITUDE CONTROL

• SYSTEME ET PROCÉDE DE TRAITEMENT POUR COMMANDER

L'ORIENTATION STATIQUE D'UN ENSEMBLE SUSPENSION DE TÊTE A LA CARDAN

(71) SAE MAGNETICS (H.K.) LTD. [CN/CN]; SAE Tower, 38-42 Kwai Fung Crescent, Kwai Chung ., New Territories, Hong Kong (CN).

(72) YAO, Minggao; Winnerway Industrial Area, Nancheng, Dongguan, Guangdong 511700 (CN).

(74) CHINA PATENT AGENT (H.K.) LTD; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (CN).

(81) CN.

(51)<sup>7</sup> G11B 27/00, 27/034, 20/10, 20/12

(11) WO 2005/029495 (13) A1

(21) PCT/JP2004/011907

(22) 19 Aug/août 2004 (19.08.2004)

(25) ja (26) ja

(30) 2003-327157 19 Sep/sep 2003 JP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RECORDER, RECORDING METHOD AND RECORDING MEDIUM WHERE PROGRAM IS RECORDED

• ENREGISTREUR, PROCÉDE D'ENREGISTREMENT, ET SUPPORT D'ENREGISTREMENT PORTEUR DE LOGICIEL

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUZUKI, Ryoichi [JP/JP]; 6-11-2F, Nakagawa 4-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa, 2240001 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo, 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 27/034, 27/00, 20/10, 20/12

(11) WO 2005/029496 (13) A1

(21) PCT/JP2004/007022

(22) 18 May/mai 2004 (18.05.2004)

(25) ja (26) ja

(30) 2003-332566 24 Sep/sep 2003 JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DATA RECORDING CONTROL APPARATUS

• APPAREIL DE COMMANDE D'ENREGISTREMENT DE DONNEES

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IWATSU, Takeshi [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). SAKOH, Noriyuki [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) TANABE, Shigemoto; Tokiwa Building 5th Floor, 6-4, Osaki 3-chome, Shinagawa-ku, Tokyo 141-0032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11C

(11) WO 2005/029497 (13) A2

(21) PCT/US2004/030677

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/665,945 19 Sep/sep 2003 US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CURRENT CONFINED PASS LAYER FOR MAGNETIC ELEMENTS UTILIZING SPIN-TRANSFER AND AN MRAM DEVICE USING SUCH MAGNETIC ELEMENTS

• COUCHE DE PASSAGE A CONFINEMENT DE COURANT POUR ELEMENTS MAGNETIQUES UTILISANT UN TRANSFERT DE ROTATION ET DISPOSITIF MRAM COMPRENANT DES ELEMENTS MAGNETIQUES

(71) GRANDIS, INC. [US/US]; 1266 Cadillac Court, Milpitas, CA 95035 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUAI, Yiming [US/US]; 9473 Blessing Drive, Pleasanton, CA 94588 (US). NGUYEN, Paul, P. [US/US]; 233 Blossom Hill Road, No. D8, San Jose, CA 95123 (US). ALBERT, Frank [US/US]; 1 Maple Street, No. 2208, Redwood City, CA 94063 (US).

(74) MITCHELL, Janyce, R. et al. / etc.; Sawyer Law Group LLP, P.O. Box 51418, Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G11C 11/00

(11) WO 2005/029498 (13) A2

(21) PCT/US2004/027673

(22) 24 Aug/août 2004 (24.08.2004)

(25) en (26) en

(30) 60/499,177 28 Aug/août 2003 US  
(28.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NANOSCALE WIRE CODING FOR  
STOCHASTIC ASSEMBLY

• CODAGE DE FILS A ECHELLE NA-  
NOMETRIQUE POUR ENSEMBLE  
STOCHASTIQUE

(63) US 10/627,405 (CIP)  
24 Jul/juil 2003 (24.07.2003)

(71) CALIFORNIA INSTITUTE OF TECH-  
NOLOGY [US/US]; 1200 E. California  
Boulevard, M/C 201-85, Pasadena, Califor-  
nia 91125 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) DEHON, Andre [US/US]; 1270 Cor-  
dova, Apt. #9, Pasadena, California 91106  
(US).

(74) BERG, Richard, P. et al. / etc.; 5670  
Wilshire Boulevard, Suite 2100, Los Ange-  
les, California 90036-5679 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US (Patent  
/ brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G11C 16/02

(11) WO 2005/029499 (13) A2

(21) PCT/IB2004/003721

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 60/505,679 24 Sep/sep 2003 US  
(24.09.2003)

(30) 10/941,692 15 Sep/sep 2004 US  
(15.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LOW POWER PROGRAMMING TECH-  
NIQUE FOR A FLOATING BODY  
MEMORY TRANSISTOR, MEMORY  
CELL, AND MEMORY ARRAY

• TECHNIQUE DE PROGRAMMATION  
A FAIBLE PUISSANCE POUR UN  
TRANSISTOR A MEMOIRE, A CORPS  
FLOTTANT, CELLULE DE MEMOIRE  
ET MEMOIRE MATRICIELLE

(71) INNOVATIVE SILICON S.A. [CH/CH];  
PSE - Batiment B, CH-1015 Lausanne (CH).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) FAZAN, Pierre [CH/CH]; 8, Rte.  
des Pressoirs, CH-1027 Lonay (CH).  
OKHONIN, Serguei [CH/CH]; Jolimont  
2, CH-1005 Lausanne (CH).

(74) EISENFÜHR, SPEISER & PARTNER;  
Ehlers, Jochen, Postfach 10 60 78, Martinis-  
trasse 24, D-28195 Bremen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(t) for the following designation / pour la  
désignation suivante : US

(u) for / pour US only / seulement

(51)<sup>7</sup> G11C 16/04

(11) WO 2005/029500 (13) A2

(21) PCT/US2004/029920

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 03/10800 15 Sep/sep 2003 FR  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EEPROM ARCHITECTURE AND PRO-  
GRAMMING PROTOCOL

• ARCHITECTURE EEPROM ET PROTO-  
COLE DE PROGRAMMATION

(71) ATMEL CORPORATION [US/US]; 2325  
Orchard Parkway, San Jose, CA 95131 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72) COMBE, Marylene; 20 Lot. Campbernard,  
Chemin du Lapin, F-13790 Rousset (FR).  
DAGA, Jean-Michel; Quartier les Pres, Le  
Pepidon, F-13790 Rousset (FR). RICARD,  
Stephane; 11 Impasse de la Marjolaine, Le

Clos de la Marjolaine, F-13015 Marseille  
(FR).

(74) SCHNECK, Thomas; Schneck & Schneck,  
P.O. Box 2-E, San Jose, CA 95109-0005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les  
désignations

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> G11C 16/04

(11) WO 2005/029501 (13) A1

(21) PCT/US2004/030014

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 10/663,277 16 Sep/sep 2003 US  
(16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BOOSTED SUBSTRATE/TUB PRO-  
GRAMMING FOR FLASH MEMORIES

• PROGRAMMATION DE CU-  
VETTE/SUBSTRAT AMELIORES DES-  
TINEE A DES MEMOIRES FLASH

(71) MICRON TECHNOLOGY, INC.  
[US/US]; 8000 South Federal Way, Boise, ID  
83716 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) NAZARIAN, Hagop, A. [US/US]; 4039  
Freed Avenue, San Jose, CA 95117 (US).

(74) WALSETH, Andrew, C.; Leffert Jay & Pol-  
glaze, P.A., P.O. Box 581009, Minneapolis,  
MN 55458-1009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G11C 16/34, 16/04

(11) WO 2005/029502 (13) A1

(21) PCT/US2004/029426

(22) 8 Sep/sep 2004 (08.09.2004)

(25) en (26) en

(30) 10/667,222 17 Sep/sep 2003 US  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NON-VOLATILE MEMORY AND METHOD WITH BIT LINE TO BIT LINE COUPLED COMPENSATION

• MEMOIRE REMANENTE ET PROCEDE DE COMPENSATION A COUPLAGE ENTRE LIGNES BINAIRES

(71) SANDISK CORPORATION [US/US]; 140 Caspian Court, Sunnyvale, CA 94089 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CERNEA, Raul-Adrian [US/US]; 889 Agnew Road, Santa Clara, CA 95054 (US). LI, Yan [US/US]; 695 Kevenaire Drive, Milpitas, CA 95035 (US). MOFIDI, Mehrdad [US/US]; 2460 Harrisburg Avenue, Fremont, CA 94536 (US). KHALID, Shahzad [US/US]; 11620 Iowa Avenue, Apt 2, West Los Angeles, CA 90025 (US).

(74) PARSONS, Gerald, P. et al. / etc.; Parsons, Hsue &amp; de Runtz LLP, 655 Montgomery Street, Suite 1800, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G11C 16/34, 16/04

(11) WO 2005/029503 (13) A1

(21) PCT/US2004/030420

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 10/667,223 17 Sep/sep 2003 US  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NON-VOLATILE MEMORY AND METHOD WITH BIT LINE COMPENSATION DEPENDENT ON NEIGHBORING OPERATING MODES

• MEMOIRE REMANENTE ET PROCEDE CORRESPONDANT AVEC COMPENSATION DE LIGNE BINAIRE DEPENDANT DES MODES DE FONCTIONNEMENT VOISINS

(71) SANDISK CORPORATION [US/US]; 140 Caspian Court, Sunnyvale, CA 94089 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KHALID, Shahzad [US/US]; 11620 Iowa Avenue, Apt 2, West Los Angeles, CA 90025 (US). LI, Yan [US/US]; 695 Kevenaire Drive, Milpitas, CA 95035 (US). CERNEA,

Raul-Adrian [US/US]; 889 Agnew Road, Santa Clara, CA 95054 (US). MOFIDI, Mehrdad [US/US]; 2460 Harrisburg Avenue, Fremont, CA 94536 (US).

(74) PARSONS, Gerald, P. et al. / etc.; 655 Montgomery Street, Suite 1800, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 10/665,685 17 Sep/sep 2003 US  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS FOR IDENTIFYING NON-VOLATILE MEMORY ELEMENTS WITH POOR SUBTHRESHOLD SLOPE OR WEAK TRANSDUCTANCE

• PROCEDES PERMETTANT D'IDENTIFIER DES ELEMENTS D'UNE MEMOIRE REMANENTE PRESENTANT UNE PENTE INFRALIMINAIRE INSUFFISANTE OU UNE TRANSDUCTANCE FAIBLE

(71) SANDISK CORPORATION [US/US]; 140 Caspian Court, Sunnyvale, CA 94089 (US). KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Tokyo 105-8001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUTZE, Jeffrey [US/US]; 1906 Adele Place, San Jose, CA 95125 (US). CHEN, Jian [US/US]; 5476 Castle Glen Avenue, San Jose, CA 95129 (US). LI, Yan [US/US]; 695 Kevenaire Drive, Milpitas, CA 95035 (US). KANEBAKO, Kazunori [JP/JP]; 6-1-13-102 Kounandai, Kounan-Ku, Yokohama, Tokyo 234-0054 (JP). TANAKA, Tomoharu [JP/JP]; 2-13-21-105, Ookubo, Kounan-Ku, Yokohama, Tokyo 234-0054 (JP).

(74) PARSONS, Gerald, P. et al. / etc.; Parsons, Hsue &amp; de Runtz LLP, 655 Montgomery Street, Suite 1800, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11C 29/00

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(21) PCT/JP2004/013960

(22) 24 Sep/sep 2004 (24.09.2004)

(25) ja (26) ja

(30) 2003-331889 24 Sep/sep 2003 JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MEMORY DEVICE

• DISPOSITIF A MEMOIRE

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 5458522 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SATO, Tomotoshi [JP/JP]; 147, Tsutsujigaokakita 5-bancho, Nabari-shi, Mie 5180435 (JP).

(74) SAIKYO, Keiichiro et al. / etc.; Shikishima Building, 2-6, Bingomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 5410051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/US2004/002896

(22) 2 Feb/fév 2004 (02.02.2004)

(25) en (26) en

(30) 60/444,072 31 Jan/jan 2003 US  
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(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NBC FILTRATION UNIT PROVIDING UNFILTERED AND FILTERED AIR PATHS

• UNITE DE FILTRATION NUCLEAIRE, BIOLOGIQUE ET CHIMIQUE EN-GENDRANT DES VOIES D'AIR NON FILTRE ET FILTRE

(71) ENGINEERED SUPPORT SYSTEMS, INC. [US/US]; 201 Evans Lane, St. Louis, MO 63121-1126 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **WOOTTON, John, R.** [US/US]; 700 Rugby Court, St. Louis, MO 63141 (US). **GARCIA-ORTIZ, Asdrubal** [US/US]; 52 River Blend Ct., Chesterfield, MO 63017 (US).
- (74) **DAMMAN, Kirk, A. et al.** / etc.; Lewis, Rice & Fingersh, LC, Box IP Department, 500 North Broadway, Suite 2000, St. Louis, MO 63102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G21K

(11) **WO 2005/029507** (13) A2

(21) PCT/US2004/030656

(22) **20 Sep/sep 2004 (20.09.2004)**

(25) en (26) en

(30) 60/504,321 **18 Sep/sep 2003** US  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • TOMOGRAPHY SCANNER WITH AXIALLY DISCONTINUOUS DETECTOR ARRAY  
• SCANNEUR DE TOMOGRAPHIE A RÉSEAU DE DÉTECTEURS EN DISCONTINUITÉ AXIALE

(71) **TRIDENT IMAGING, INC.** [US/US]; 19000 Glendower Road, Gaithersburg, MD 20879 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **VAQUERO, Juan Jose;** Madrid (ES). **SEIDEL, Jurgén;** Bethesda, MD (US). **GREEN, Michael, V.;** Kensington, MD (US).

(74) **EPSTEIN, Robert, H.;** Epstein & Gerken, 1901 Research Boulevard, Suite 340, Rockville, MD 20850 (US).

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(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01B 1/04, H01M 8/02, C07C 309/38, C01B 31/02

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(21) PCT/JP2004/013035

(22) **8 Sep/sep 2004 (08.09.2004)**

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(30) 2003-322400 **16 Sep/sep 2003** JP  
(16.09.2003)

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(23.03.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • SULFONATED AMORPHOUS CARBON, PROCESS FOR PRODUCING THE SAME AND USE THEREOF  
• CARBONE AMORPHE SULFONE, PROCÉDE DE PRODUCTION DE CE CARBONE ET UTILISATION CORRESPONDANTE

(71) **THE CIRCLE FOR THE PROMOTION OF SCIENCE AND ENGINEERING** [JP/JP]; 2-12-1, Ookayama, Meguro-ku, Tokyo, 1528550 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARA, Michikazu** [JP/JP]; c/o TOKYO INSTITUTE OF TECHNOLOGY, 4259, Nagatsutacho, Midori-ku, Yokohama-shi, Kanagawa, 2268503 (JP). **DOMEN, Kazunari** [JP/JP]; c/o TOKYO INSTITUTE OF TECHNOLOGY, 4259, Nagatsutacho, Midori-ku, Yokohama-shi, Kanagawa, 2268503 (JP).

(74) **NOMURA, Kenichi et al.** / etc.; Nohki-kaikan Fourth Floor, 30-1, Tsuruyacho 3-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 2210835 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01B 12/02

(11) **WO 2005/029509** (13) A1

(21) PCT/JP2004/013119

(22) **9 Sep/sep 2004 (09.09.2004)**

(25) ja (26) ja

(30) 2003-332284 **24 Sep/sep 2003** JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • SUPER-CONDUCTIVE CABLE  
• CABLE SUPRACONDUCTEUR

(71) **SUMITOMO ELECTRIC INDUSTRIES, LTD.** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YUMURA, Hiroyasu** [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries Ltd. 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 5548511 (JP). **NISHIMURA, Masanobu** [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries Ltd. 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 5548511 (JP).

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(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) **9 Sep/sep 2004 (09.09.2004)**

(25) ja (26) ja

(30) 2003-328780 **19 Sep/sep 2003** JP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • SUPER-CONDUCTIVE CABLE OPERATION METHOD AND SUPER-CONDUCTIVE CABLE SYSTEM  
• PROCÉDE D'EXPLOITATION DE CABLE SUPRACONDUCTEUR ET SYSTÈME DE CABLE SUPRACONDUCTEUR

(71) **SUMITOMO ELECTRIC INDUSTRIES, LTD.** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MASUDA, Takato** [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd. 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 5548511 (JP). **YUMURA, Hiroyasu** [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd. 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 5548511 (JP).

(74) **FUKAMI, Hisao et al.** / etc.; Fukami Patent Office Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 5300054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH

- PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (25) ja (26) ja
- (30) 2003-324493 17 Sep/sep 2003 JP  
(17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SUPERCONDUCTING DEVICE AND  
SUPERCONDUCTING CABLE
- DISPOSITIF SUPRACONDUCTEUR ET  
CABLE SUPRACONDUCTEUR
- (71) SUMITOMO ELECTRIC INDUSTRIES,  
LTD. [JP/JP]; 5-33, Kitahama 4-chome,  
Chuo-ku, Osaka-shi, Osaka, 5410041 (JP).  
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- (72, 75) KATO, Takeshi [JP/JP]; c/o Osaka  
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Konohana-ku, Osaka-shi, Osaka, 5548511  
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Konohana-ku, Osaka-shi, Osaka, 5548511  
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5300054 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> H01B 13/00, 12/06, H01L 39/24, C23C  
14/08, C01G 3/00, 1/00, 25/00
- (11) WO 2005/029512 (13) A1
- (21) PCT/JP2004/011679
- (22) 6 Aug/août 2004 (06.08.2004)
- (25) ja (26) ja
- (30) 2003-324167 17 Sep/sep 2003 JP  
(17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SUPERCONDUCTOR AND PROCESS  
FOR PRODUCING THE SAME
- SUPRACONDUCTEUR ET SON PRO-  
CEDE DE PRODUCTION
- (71) SUMITOMO ELECTRIC INDUSTRIES,  
LTD. [JP/JP]; 5-33, Kitahama 4-chome,  
Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).  
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1-3, Shimaya 1-chome, Konohana-ku, Os-  
aka-shi, Osaka 554-0024 (JP). OHMATSU,  
Kazuya [JP/JP]; c/o Osaka Works of Sumit-  
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554-0024 (JP).
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1-chome, Konohana-ku, Osaka-shi, Osaka  
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BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (25) en (26) en
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- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • VARIABLE CONDUCTANCE MATERI-  
ALS
- MATERIAUX A CONDUCTANCE VA-  
RIABLE
- (71) PERATECH LIMITED [GB/GB]; G3-G4  
Morton Park Way, Darlington, County  
Durham DL1 4PJ (GB).  
*(for all designated States except / pour tous  
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- (72, 75) LUSSEY, David [GB/GB]; Perapedhi,  
Tunstall, Richmond, North Yorkshire DL10  
7QL (GB).
- (74) NAYLOR, Matthew et al. / etc.; Mewburn  
Ellis LLP, York House, 23 Kingsway, Lon-  
don, Greater London WC2B 6HP (GB).
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BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (11) WO 2005/029515 (13) A1
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- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) ja (26) ja
- (30) 2003-325027 17 Sep/sep 2003 JP  
(17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SINTERED MOVABLE IRON-CORE  
AND METHOD OF MANUFACTUR-  
ING THE SAME
- (71) TYCO ELECTRONICS RAYCHEM K.K.  
[JP/JP]; 5-8, Hisamoto 3-chome, Takatsu-ku,  
Kawasaki-shi, Kanagawa 213-8535 (JP).  
*(for all designated States except / pour tous  
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2414, Ooaza Amada, Sakuragawa-mura,  
Inashiki-gun, Ibaraki 300-0626 (JP). SATO,  
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- MANDRIN DE METAL MOBILE FRITTE ET SON PROCEDE DE FABRICATION
- (71) HITACHI POWDERED METALS CO., LTD. [JP/JP]; 520, Minoridai, Matsudo-shi, Chiba, 2702295 (JP). DENSO CORPORATION [JP/JP]; 1-1, Showa-cho, Kariya-shi, Aichi, 4488661 (JP).  
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- (74) SUENARI, Mikio; Asaco Kyobashi Building 3rd floor, 6-13, Kyobashi, 1-chome, Chuo-ku, Tokyo 1040031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(22) 22 Sep/sep 2003 (22.09.2003)  
(25) ja (26) ja  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SIGNAL DISCRIMINATOR  
• DISCRIMINATEUR DE SIGNAUX
- (71) MINEBEA CO., LTD. [JP/JP]; 4106-73 Miyota, Oaza, Miyota-machi, Kitasaku-gun, Nagano 389-0293 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOBAYASHI, Osamu [JP/JP]; 1743-1 Asana, Asaba-cho, Iwata-gun, Shizuoka 437-1193 (JP). YAMADA, Osamu [JP/JP]; 1743-1 Asana, Asaba-cho, Iwata-gun, Shizuoka 437-1193 (JP). SUZUKI, Yukio [JP/JP]; 1743-1 Asana, Asaba-cho, Iwata-gun, Shizuoka 437-1193 (JP). ITO, Kiyoshi [JP/JP]; 1743-1 Asana, Asaba-cho, Iwata-gun, Shizuoka 437-1193 (JP). SHIRAI, Mayuka [JP/JP]; 1743-1 Asana, Asaba-cho, Iwata-gun, Shizuoka 437-1193 (JP).
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- (81) CN US.  
(84) EP (DE FR GB NL).
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(21) PCT/CN2004/000999  
(22) 30 Aug/août 2004 (30.08.2004)  
(25) zh (26) zh  
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(30) 200320118166.0 18 Nov/nov 2003 CN (18.11.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A SUPERCAPACITOR  
• SUPERCONDENSATEUR
- (71, 72) YIN, Fuqiang [CN/CN]; Room 1, 7th Floor, Unit 2, Dormitory of Seed Company, Shuxiu Xi Street, Development Zone, Suining, Sichuan 629000 (CN).
- (74) SHENZHEN TRUER PATENT AGENT CO. LTD.; Suite 1515-1516, Hualian Building N° 2008, Shennan Zhong Road, Shenzhen, Guangdong 518031 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
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(30) 103 39 670.5 28 Aug/août 2003 DE (28.08.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SWITCHGEAR WITH A CONDUCTOR CONNECTION CREATED BY MEANS OF A RING CABLE LUG  
• APPAREIL DE COMMUTATION COMPORTANT UNE CONNEXION DE CONDUCTEUR REALISEE AU MOYEN D'UNE COSSE TERMINALE ANNULAIRE
- SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(30) 2003-325815 18 Sep/sep 2003 JP (18.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CAPACITOR UNIT  
• BLOC CONDENSATEUR
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) INOUE, Tatehiko TAKEMOTO, Junji KAWASAKI, Shusaku
- (74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi Osaka, 5718501 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DREXLER, Johann** [DE/DE]; Hochrainstr. 96, 92421 Schwandorf (DE).  
**STREBLE, Daniela** [DE/DE]; Silcherstr. 1, 92284 Trasslberg (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01H 3/30**
- (11) **WO 2005/029521** (13) A1
- (21) PCT/DE2004/001974
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- (30) 203 14 795.2 **19 Sep/sep 2003** DE  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ELECTRICAL SWITCH  
• COMMUTATEUR ÉLECTRIQUE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AHLERT, Torsten** [DE/DE]; Saarower Chaussee 21, 15517 Fürstenwalde (DE).  
**DAHL, Jörg-Uwe** [DE/DE]; Am Plötzhorn 45, 14542 Werder (DE).  
**LIEBETRUTH, Marc** [DE/DE]; Hubertusallee 60, 16548 Glienicke (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT?**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01H 9/18**
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- (21) PCT/EP2004/009981
- (22) **8 Sep/sep 2004 (08.09.2004)**
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- (30) 103 42 142.4 **12 Sep/sep 2003** DE  
(12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • OPERATOR ELEMENT COMPRISING FREELY PROGRAMMABLE SYMBOLS  
• ELEMENT DE COMMANDE A SYMBOLE LIBREMENT PROGRAMMABLE
- (71) **PREH GMBH** [DE/DE]; An der Stadthalle, 97616 Bad Neustadt a.d. Saale (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GUTBROD, Thomas** [DE/DE]; Ringstrasse 57, 97291 Thüngen (DE).  
**JEITNER, Martin** [DE/DE]; Wartburgstrasse 23, 97645 Ostheim (DE).  
**SCHELBERT, Harald** [DE/DE]; Hindenburgstrasse 18, 97631 Bad Königshofen (DE).
- (74) **THUL, Hermann**; Rheinmetall Allee 1, 40476 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (22) **8 Mar/mar 2004 (08.03.2004)**
- (25) de (26) de
- (30) A 1504/2003 **23 Sep/sep 2003** AT  
(23.09.2003)
- (30) 60/505,311 **23 Sep/sep 2003** US  
(23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SWITCH  
• COMMUTATEUR
- (71) **MOELLER GEBÄUDEAUTOMATION KG** [AT/AT]; Eugenia 1, A-3943 Schrems (AT).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHMID, Johannes** [AT/AT]; Am Kaisermühlendamm 103/3/17, A-1220 Wien (AT).
- (74) **GIBLER, Ferdinand**; Dorotheergasse 7/14, A-1010 Wien (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) **WO 2005/029525** (13) A1
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- (22) **22 Sep/sep 2004 (22.09.2004)**
- (25) en (26) en
- (30) 10/668,074 **22 Sep/sep 2003** US  
(22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MEDIUM VOLTAGE VACUUM CIRCUIT INTERRUPTER



- DISJONCTEUR A VIDE DE MOYENNE TENSION
- (71) **EATON CORPORATION** [US/US]; Eaton Center, 1111 Superior Avenue, Cleveland, OH 44114-2584 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BENKE, James, J.** [US/US]; 200 Eton Road, Pittsburgh, PA 15205 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H01H 77/10**
- (11) **WO 2005/029526** (13) A1
- (21) PCT/DE2004/001975
- (22) **1 Sep/sep 2004 (01.09.2004)**
- (25) de (26) de
- (30) 103 44 318.5 **19 Sep/sep 2003 DE (19.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ELECTRICAL SWITCH HAVING LATCHING SURFACES THAT CAN BE PIVOTED UNDER THE INFLUENCE OF ELECTRODYNAMIC FORCE
- COMMUTATEUR ELECTRIQUE DOTE DE SURFACES D'ENCLIQUEPAGE DEPLACEES SOUS L'INFLUENCE D'UNE FORCE ELECTRODYNAMIQUE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LIEBETRUTH, Marc** [DE/DE]; Hubertusallee 60, 16548 Glienicke (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (21) PCT/US2004/029922
- (22) **10 Sep/sep 2004 (10.09.2004)**
- (25) en (26) en
- (30) 60/502,454 **12 Sep/sep 2003 US (12.09.2003)**
- (30) 10/937,840 **9 Sep/sep 2004 US (09.09.2004)**
- (30) 10/937,437 **9 Sep/sep 2004 US (09.09.2004)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • WELL FORMATION
- FORMATION DE CUPULES
- (71) **NANO-PROPRIETARY, INC.** [US/US]; 3006, Longhorn, Blvd., Suite 107, Austin, TX 78758 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LI, Yunjun** [US/US]; 8617 Spicewood Springs Road, #152, Austin, TX 78759 (US). **FINK, Richard, L.** [US/US]; 9306 Rolling Oaks Trail, Austin, TX 78750 (US). **YANG, Mohshi** [US/US]; 10201 Spicewood Mesa, Austin, TX 78759 (US). **YANIV, Zvi** [US/US]; 5810 Long Court, Austin, TX 78730 (US).
- (74) **KORDZIK, Kelly, K. et al. / etc.**; Winstead Sechrest & Minick P.C., P.O. Box 50784, Dallas, TX 75201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H01J 5/00**
- (11) **WO 2005/029529** (13) A2
- (21) PCT/DE2004/002036
- (22) **14 Sep/sep 2004 (14.09.2004)**
- (25) de (26) de
- (30) 103 42 801.1 **16 Sep/sep 2003 DE (16.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DOUBLE-SIDED SEALED ELECTRIC LAMP AND METHOD FOR PRODUCTION THEREOF
- LAMPE ELECTRIQUE SCHELLEE DES DEUX COTES ET PROCEDE DE FABRICATION
- (71) **PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH** [DE/DE]; Hellabrunner Str. 1, 81543 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BENEDIX, Jens** [DE/DE]; Hammesrostringhausen 14, 42929 Wermelskirchen (DE). **BRAUN, Rainer** [DE/DE]; Mittelschnuppen 2, 51688 Wipperfürth (DE). **THÄLE, Jörg** [DE/DE]; An der Ziegelei 5, 51678 Wipperfürth (DE). **WILKE, Hartmut** [DE/DE]; Weststrasse 5a, 51688 Wipperfürth (DE).
- (74) **PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH?**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(21) PCT/JP2004/014022

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-331163 24 Sep/sep 2003 JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PLASMA DISPLAY PANEL  
• ECRAN PLASMA

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASEGAWA, Kazuyuki; IMIZOKAMI, Kaname; OE, Yoshinao; AOKI, Masaki

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01J 35/18

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(21) PCT/JP2004/013446

(22) 15 Sep/sep 2004 (15.09.2004)

(25) ja (26) ja

(30) 2003-323534 16 Sep/sep 2003 JP  
(16.09.2003)

(30) 2003-323461 16 Sep/sep 2003 JP  
(16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • X-RAY TUBE  
• TUBE A RAYONS X

(71) HAMAMATSU PHOTONICS K.K. [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUMURA, Tatsuya [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP). OKADA, Tomoyuki [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP). YAMAMOTO, Tooru [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP). TAKAOKA,

Hidetsugu [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP). ENDO, Tetsuro [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP).

(74) HASEGAWA, Yoshiki et al. / etc.; Soei Patent and Law Firm Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 1040061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H01J 49/10

(11) WO 2005/029532 (13) A2

(21) PCT/EP2004/007154

(22) 1 Jul/juil 2004 (01.07.2004)

(25) de (26) de

(30) 103 39 346.3 25 Aug/août 2003 DE  
(25.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MASS SPECTROMETER AND LIQUID-METAL ION SOURCE FOR A MASS SPECTROMETER OF THIS TYPE  
• SPECTROMETRE DE MASSE ET SOURCE D'IONS A METAL LIQUIDE POUR SPECTROMETRE DE MASSE DE CE TYPE

(71) ION-TOF GMBH [DE/DE]; Gievenbecker Weg 15, 48149 Münster (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOLLMER, Felix [DE/DE]; Zur Quelle 43a, 48341 Altenberge (DE). HOERSTER, Peter [DE/DE]; Besselweg 243, 48149 Münster (DE).

(74) HOFFMEISTER, Helmut; Dr. Hoffmeister & Tarvenkorn, Goldstrasse 36, 48147 Münster (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01J 49/42

(11) WO 2005/029533 (13) A1

(21) PCT/CA2004/001608

(22) 1 Sep/sep 2004 (01.09.2004)

(25) en (26) en

(30) 60/505,422 25 Sep/sep 2003 US  
(25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR PROVIDING TWO-DIMENSIONAL SUBSTANTIALLY QUADRUPOLE FIELDS HAVING SELECTED HEXAPOLE COMPONENTS

• PROCEDE ET APPAREIL POUR LA FOURNITURE DE CHAMPS BIDIMENSIONNELS SENSIBLEMENT QUADRUPOLEAIRES AYANT DES COMPOSANTES HEXAPOLEAIRES SELECTIONNEES

(71) MDS INC., doing business as MDS SCIENCE [CA/CA]; 71 Four Valley Drive, Concord, Ontario L4K 4V8 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOUGLAS, Donald, J. [CA/CA]; 105-876 W. 16th Avenue, Vancouver, British Columbia V5Z 1T1 (CA). DING, Chuan-Fan [CN/CA]; 1742 E32 Avenue, Vancouver, British Columbia V5N 3B6 (CA). LONDRY, Frank [CA/CA]; 2560 Country Road 11, R.R.#5, Peterborough, Ontario K9J 6X6 (CA).

(74) BERESKIN & PARR; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H01J 61/00

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(22) 2 Sep/sep 2004 (02.09.2004)

(25) en (26) en

(30) 03103496.0 22 Sep/sep 2003 EP  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METAL HALIDE LAMP  
• LAMPE EN HALOGENURE DE METAL

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN ESVELD, Hendrik, A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA

- Eindhoven (NL). NELSON, Gregory, J. [US/TH]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DAEMEN, Catharina, J., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) DUSSELDORP, Jan, C.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (51)<sup>7</sup> H01J 61/88, 61/30, 61/34
- (11) WO 2005/029535 (13) A1
- (21) PCT/JP2004/013259
- (22) 6 Sep/sep 2004 (06.09.2004)
- (25) ja (26) ja
- (30) 2003-330534 22 Sep/sep 2003 JP (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METAL HALIDE LAMP
- LAMPE A HALOGENURE METALLIQUE
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 571-8501 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKEUCHI, Nobuyoshi/NISHIURA, Yoshiharu
- (74) NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01K 1/00
- (11) WO 2005/029537 (13) A2
- (21) PCT/IB2004/051763
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 03103510.8 23 Sep/sep 2003 EP (23.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ELECTRIC LAMP AND METHOD OF DEPOSITING A LAYER ON THE LAMP
- AMPOULE ELECTRIQUE ET PROCEDE POUR Y DEPOSER UNE COUCHE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)
- (71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE). (only for / seulement pour DE)
- (72, 75) HENNINGER, Georg [DE/DE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DOETTER, Wolfgang [DE/DE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) PET, Robert, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01L
- (11) WO 2005/029538 (13) A2
- (21) PCT/KR2004/002408
- (22) 21 Sep/sep 2004 (21.09.2004)
- (25) ko (26) en
- (30) 10-2003-0065599 22 Sep/sep 2003 KR (22.09.2003)
- (30) 10-2004-0044688 16 Jun/juin 2004 KR (16.06.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A PLASMA GENERATING APPARATUS AND AN ALIGNMENT PROCESS FOR LIQUID CRYSTAL DISPLAYS USING THE APPARATUS
- GENERATEUR DE PLASMA ET PROCEDE D'ALIGNEMENT DESTINE A DES ECRANS A CRISTAUX LIQUIDES, UTILISANT CE GENERATEUR
- (71, 72) SONG, Seok Kyun [KR/KR]; 102-1602, Dolim Dong-A Apartment, 165-1, Dolim-dong, Yeongdeungpo-gu, Seoul 150-080 (KR).

(74) AN, **Chang Sam**; 303, 3F, 225-26 Shingil-dong, Yeongdeungpo-gu, Seoul 150-846 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2005/029539 (13) A2

(21) PCT/US2004/023483

(22) 21 Jul/juil 2004 (21.07.2004)

(25) en (26) en

(30) 60/488,909 21 Jul/juil 2003 US (21.07.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • STABILIZED AND CHEMICALLY FUNCTIONALIZED NANOPARTICLES  
• NANOPARTICULES STABILISEES ET FONCTIONNALISEES CHIMIQUEMENT

(71) DENDRITIC NANOTECHNOLOGIES, INC. [US/US]; 2625 Denison Drive, Suite B, Mt. Pleasant, MI 48858 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOMALIA, Donald, A. [US/US]; 463 W. Chippewa River Road, Midland, MI 48640 (US). HUANG, Boahua [CN/US]; 1408 Abbey Lane, Mount Pleasant, MI 48858 (US).

(74) KIMBLE, Karen; Technology Law, PLLC, 3595 North Sunset Way, Sanford, Michigan 48657 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> H01L

(11) WO 2005/029540 (13) A2

(21) PCT/US2004/025423

(22) 6 Aug/août 2004 (06.08.2004)

(25) en (26) en

(30) 60/492,828 6 Aug/août 2003 US (06.08.2003)

(30) 10/912,348 4 Aug/août 2004 US (04.08.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SUBSTRATE CARRIER FOR ELECTROPLATING SOLAR CELLS

• SUPPORT DE SUBSTRAT POUR LA GALVANOPASTIE DE CELLULES SOLAIRES

(71) SUNPOWER CORPORATION [US/US]; 430 Indio Way, Sunnyvale, California 94085 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PAVANI, Luca [IT/IT]; Via R. Lucchi #8, I-63023 Fermo (IT). KAMINAR, Neil [US/US]; 28380 Big Basin Highway, Boulder Creek, California 95006 (US). URALWONG, Pongsthor [TH/US]; 1675 Ebbetts Drive, Campbell, California 95008 (US). PHU, Thomas [US/US]; 1125 Shell Gate Place, Alameda, California 94501 (US). ROSE, Douglas, H. [US/US]; 16515 Denise Drive, Austin, Texas 78717 (US). PASS, Thomas [US/US]; 1588 Willowgate Drive, San Jose, California 95118 (US).

(74) WOODWARD, Henry, K.; Beyer Weaver & Thomas, LLP, P.O. Box 70250, Oakland, CA 94612-0250 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2005/029541 (13) A2

(21) PCT/US2004/025502

(22) 6 Aug/août 2004 (06.08.2004)

(25) en (26) en

(30) 60/494,977 14 Aug/août 2003 US (14.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR INTEGRATED SENSING AND CONTROL OF INDUSTRIAL PROCESSES

• SYSTEME ET PROCEDURE DE DETECTION ET DE COMMANDE INTEGRÉES DE PROCESSUS INDUSTRIELS

(71) MICROSPECTRAL SENSING, LLC [US/US]; 18 Ocean Street, South Portland, ME 04106 (US).

(72) COATES, John; 12 North Branch Road, Newton, CT 06470 (US). RATHGEB, Fernando; 31 Fales Road, Sharon, MA 02067 (US). STOWELL, Rand; West Side Road, Weld, ME 04285 (US).

(74) CASEIRO, Chris, A.; Verrill & Dana, LLP, One Portland Square, Portland, ME 04101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2005/029542 (13) A2

(21) PCT/US2004/029519

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 10/665,861 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPARATUS AND METHOD FOR POINT-OF-USE TREATMENT OF EFFLUENT GAS STREAMS

• DISPOSITIF ET PROCEDURE DE TRAITEMENT SUR PLACE DES FLUX D'EFFLUENTS GAZEUX

(71) ADVANCED TECHNOLOGY MATERIALS, INC. [US/US]; Margaret Chappuis, 7 Commerce Drive, Danbury, Connecticut 06810 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARNO, Jose, I. [ES/US]; 13 Twilight Lane, Brookfield, Connecticut 06804 (US). STURM, Edward, A. [US/US]; 9 Grandview Lane, New Milford, Connecticut 06776 (US). SWEENEY, Joseph, D. [US/US]; 7 Canterbury Arms, 190 Wellsville Avenue, New Milford, Connecticut 06776 (US).

(74) MARGARET CHAPPUIS; ADVANCED TECHNOLOGY MATERIALS, INC., 7 Commerce Drive, Danbury, Connecticut 06810 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) **WO 2005/029543** (13) A2  
(21) PCT/US2004/029928  
(22) **15 Sep/sep 2004 (15.09.2004)**  
(25) en (26) en  
(30) 60/503,424 **16 Sep/sep 2003** US  
(16.09.2003)  
(30) 10/754,157 **9 Jan/jan 2004** US  
(09.01.2004)  
(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LASER-IRRADIATED THIN FILMS HAVING VARIABLE THICKNESS  
• COUCHES MINCES IRRADIEES PAR LASER PRESENTANT UNE EPAISSEUR VARIABLE

(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; 110 Low Memorial Library, 535 West 116th Street, New York, NY 10027 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **IM, James** [US/US]; 2828 Broadway #9E, New York, NY 10025 (US).

(74) **ALTER, Scott, M. et al.** / etc.; Wilmer Cutler Pickering Hale and Dorr LLP, 300 Park Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) **WO 2005/029544** (13) A2  
(21) PCT/US2004/030078  
(22) **15 Sep/sep 2004 (15.09.2004)**  
(25) en (26) en  
(30) 60/503,346 **16 Sep/sep 2003** US  
(16.09.2003)  
(30) 10/754,133 **9 Jan/jan 2004** US  
(09.01.2004)  
(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEMS AND METHODS FOR PROCESSING THIN FILMS  
• SYSTEMES ET PROCEDES POUR TRAITER DES FILMS EN COUCHES MINCES

(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; 110 Low Memorial Library, 535

West 116th Street, New York, NY 10027 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **IM, James** [US/US]; 2828 Broadway #9E, New York, NY 10025 (US).

(74) **SCOZZAFAVA, Mary, Rose et al.** / etc.; Wilmer Cutler Pickering Hale and Dorr LLP, 300 Park Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) **WO 2005/029545** (13) A2  
(21) PCT/US2004/030289  
(22) **14 Sep/sep 2004 (14.09.2004)**  
(25) en (26) en  
(30) PCT/US10/66347 **15 Sep/sep 2003** US  
(15.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SELF-ALIGNED PLANAR DOUBLE-GATE PROCESS BY SELF-ALIGNED OXIDATION  
• PROCEDE A DOUBLE PORTE PLANNAIRE AUTO-ALIGNE PAR OXYDATION AUTO-ALIGNEE

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DOKUMACI, Omer** [TR/US]; 22E Winthrop Court, Wappingers Falls, NY 12590 (US). **DORIS, Bruce** [US/US]; 350 Lake Shore Drive, Brewster, NY 10509 (US). **GUARINI, Kathryn** [US/US]; 290 Alden Road, Yorktown Heights, NY 10598 (US). **HEGDE, Suryanarayan** [IN/US]; C-30 Route 23, Hollowville, NY 12530 (US). **IEONG, MeiKei** [PT/US]; 31 Summerlin Court, Wappingers Falls, NY 12590 (US). **JONES, Erin** [US/US]; 2664 Garyanna Drive, Corvallis, OR 97330 (US).

(74) **PETRASKE, Eric**; 68 Old Hawleyville Road, Bethel, CT 06801 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) **WO 2005/029546** (13) A2  
(21) PCT/US2004/030324  
(22) **16 Sep/sep 2004 (16.09.2004)**  
(25) en (26) en  
(30) 60/503,409 **16 Sep/sep 2003** US  
(16.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND SYSTEM FOR PROVIDING A CONTINUOUS MOTION SEQUENTIAL LATERAL SOLIDIFICATION FOR REDUCING OR ELIMINATING ARTIFACTS, AND A MASK FOR FACILITATING SUCH ARTIFACT REDUCTION/ELIMINATION

• PROCEDE ET SYSTEME DE SOLIDIFICATION LATERALE SEQUENTIELLE EN MOUVEMENT CONTINU EN VUE DE REDUIRE OU D'ELIMINER LES ARTEFACTS, ET MASQUE FACILITANT UNE TELLE REDUCTION/ELIMINATION DES ARTEFACTS

(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; 116th Street and Broadway, New York, NY 10027 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **IM, James, S.** [US/US]; 520 West 114th Street, Apt. 74, New York, NY 10027 (US).

(74) **RAGUSA, Paul, A.**; Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-4498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) **WO 2005/029547** (13) A2  
(21) PCT/US2004/030326  
(22) **16 Sep/sep 2004 (16.09.2004)**  
(25) en (26) en  
(30) 60/503,437 **16 Sep/sep 2003** US  
(16.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD OF ENHANCING THE WIDTH OF POLYCRYSTALLINE GRAINS PRODUCED VIA SEQUENTIAL LATERAL SOLIDIFICATION USING A MODIFIED MASK PATTERN

• SYSTEME ET PROCEDE PERMETTANT D'AUGMENTER LA LARGEUR

DE GRAINS POLYCRISTALLINS PRODUITS PAR SOLIDIFICATION LATERALE SEQUENTIELLE, EN UTILISANT UN MOTIF DE MASQUAGE MODIFIE

(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; 116th Street and Broadway, New York, NY 10027 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) IM, James, S. [US/US]; 520 West 114th Street, Apt. 74, New York, NY 10027 (US).

(74) RAGUSA, Paul, A.; Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-4498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2005/029548 (13) A2

(21) PCT/US2004/030327

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/503,421 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND PROCESS FOR PROVIDING MULTIPLE BEAM SEQUENTIAL LATERAL SOLIDIFICATION

• SYSTEME ET PROCEDE DE SOLIDIFICATION LATERALE SEQUENTIELLE A FAISCEAU MULTIPLE

(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; 116th Street and Broadway, New York, NY 10027 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) IM, James, S. [US/US]; 520 West 114th Street, Apt. 74, New York, NY 10027 (US).

(74) RAGUSA, Paul, A.; Baker Botts L.L.P., 30 Rockefeller Plaza, New York, NY 10112-4498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2005/029549 (13) A2

(21) PCT/US2004/030328

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/503,420 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND SYSTEM FOR PROVIDING A SINGLE-SCAN, CONTINUOUS MOTION SEQUENTIAL LATERAL SOLIDIFICATION FOR ENABLING A BI-DIRECTIONAL GRAIN GROWTH, AND A MASK FOR FACILITATING SUCH BI-DIRECTIONAL GRAIN GROWTH

• PROCEDE ET SYSTEME DE SOLIDIFICATION LATERALE SEQUENTIELLE PAR BALAYAGE UNIQUE ET MOUVEMENT CONTINU PERMETTANT UNE CROISSANCE BIDIRECTIONNELLE DES GRAINS, ET MASQUE PERMETTANT CETTE CROISSANCE

(71) THE TRUSTEE OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; 116th Street and Broadway, New York, NY 10027 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) IM, James, S. [US/US]; 520 W. 114th Street, Apt. 74, New York, NY 10027 (US).

(74) RAGUSA, Paul, A.; Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-4498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2005/029550 (13) A2

(21) PCT/US2004/030329

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/503,419 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND SYSTEM FOR PRODUCING CRYSTALLINE THIN FILMS WITH A UNIFORM CRYSTALLINE ORIENTATION

• PROCEDE ET SYSTEME DE FORMATION DE FILMS MINCES CRISTALLINS A ORIENTATION UNIFORME DES CRISTAUX

(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; 116th Street and Broadway, New York, NY 10027 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) IM, James, S. [US/US]; 520 West 114th Street, Apt. 74, New York, NY 10027 (US).

(74) RAGUSA, Paul, A.; Baker Botts L.L.P., 30 Rockefeller Plaza, New York, NY 10112-4498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2005/029551 (13) A2

(21) PCT/US2004/030330

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/503,361 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESSES AND SYSTEMS FOR LASER CRYSTALLIZATION PROCESSING OF FILM REGIONS ON A SUBSTRATE UTILIZING A LINE-TYPE BEAM, AND STRUCTURES OF SUCH FILM REGIONS

• PROCEDES ET SYSTEMES DE TRAITEMENT PAR CRISTALLISATION AU LASER DE PARTIE DE FILMS SUR SUBSTRATS UTILISANT UN FAISCEAU LINEAIRE, ET STRUCTURE DE CES PARTIES

(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; 116th Street and Broadway, New York, NY 10027 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) IM, James, S. [US/US]; 520 West 114th Street, Apt. 74, New York, NY 10027 (US). VAN DER WILT, Paul, Christiaan [NL/US]; 629 West 115th Street, Apt. 7B, New York, NY 10025-7779 (US).

(74) RAGUSA, Paul, A.; Baker Botts L.L.P., 30 Rockefeller Plaza, New York, NY 10112-4498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

- (11) WO 2005/029552 (13) A2
- (21) PCT/US2004/030371
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 60/503,765 17 Sep/sep 2003 US (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SN-C STRUCTURES PREPARED BY PLASMA-ENHANCED CHEMICAL VAPOR DEPOSITION  
• STRUCTURES DE SN-C PREPAREES PAR DEPOT CHIMIQUE EN PHASE VAPEUR ACTIVE PAR PLASMA

- (71) MIDWEST RESEARCH INSTITUTE [US/US]; 425 Volker Boulevard, Kansas City, Missouri 64110 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) LIU, Ping [CN/US]; 7572 Chamant Drive, San Diego, California 92122 (US). TURNER, John, A. [US/US]; 11244 West Saratoga Place, Littleton, Colorado 80127 (US).

- (74) WHITE, Paul, J. et al. / etc.; National Renewable Energy Laboratory, 1617 Cole Boulevard, Golden, Colorado 80401 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> H01L

- (11) WO 2005/029553 (13) A2
- (21) PCT/US2004/030430
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 10/666,331 17 Sep/sep 2003 US (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHODS FOR CLEANING A SET OF STRUCTURES COMPRISING YTTRIUM OXIDE IN A PLASMA PROCESSING SYSTEM  
• PROCÉDES DE NETTOYAGE D'UN ENSEMBLE DE STRUCTURES COMPRENANT DE L'OXYDE D'YTTRIUM DANS UN SYSTÈME DE TRAITEMENT AU PLASMA

- (71) LAM RESEARCH CORPORATION [US/US]; 4650 Cushing Parkway, Fremont, CA 94538-6470 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) SHIH, Hong [US/US]; 19048 Garnet Way, Walnut, CA 91789 (US). CHEN, Anthony, L. [US/US]; 3771 Grillo Court, Pleasanton, CA 94566 (US). TAN, Sok, Kiow [US/US]; 1892 Firebrick Terrace, Union City, CA 94587 (US). HWANG, Stephen [US/US]; 2000 Walnut Avenue, #D302, Fremont, CA 94538 (US). DAUGHERTY, John [US/US]; 36220 Birkshire Place, Newark, CA 94560 (US). MOREL, Bruno [US/US]; 640 Park Court, Santa Clara, CA 95050 (US).

- (74) NGUYEN, Joseph, A.; IPSG, P.C., P.O. Box 700640, San Jose, CA 95170-0640 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

- (11) WO 2005/029554 (13) A2
- (21) PCT/US2004/030601
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/504,408 19 Sep/sep 2003 US (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MULTIDIRECTIONAL LIGHT EMITTING DIODE UNIT  
• UNITE DE DIODES ELECTROLUMINESCENTES MULTIDIRECTIONNELLES

- (71) MATTEL, INC. [US/US]; 333 Continental Boulevard, El Segundo, CA 90245-5012 (US).

- (72) WONG, Yeung, Chung; Flat H, 13/F, Block 8, Sun Tuen Mun Center, Tuen Mun, NT (HK).

- (74) JAMIESON, John et al. / etc.; Akin Gump Strauss Hauer & Feld, LLP, One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

- (11) WO 2005/029555 (13) A2
- (21) PCT/US2004/030734
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 60/503,612 16 Sep/sep 2003 US (16.09.2003)
- (30) 60/503,613 16 Sep/sep 2003 US (16.09.2003)
- (30) 60/503,591 16 Sep/sep 2003 US (16.09.2003)
- (30) 60/532,244 23 Dec/déc 2003 US (23.12.2003)
- (30) 60/544,709 13 Feb/fév 2004 US (13.02.2004)
- (30) 60/560,180 6 Apr/avr 2004 US (06.04.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NANOSTRUCTURE AUGMENTATION OF SURFACES FOR ENHANCED THERMAL TRANSFER  
• AUGMENTATION DE LA NANOSTRUCTURE DE SURFACES POUR TRANSFERT THERMIQUE AMÉLIORÉ

- (71) KOILA, INC. [US/US]; 675 Palomar Avenue, Sunnyvale, CA 94085 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) LEE, Ju-Hyung [KR/US]; 6373 Edgemoor Way, San Jose, CA 95129 (US). CHOPRA, Nasreen, G. [US/US]; 2403 Read Avenue, Belmont, CA 94002 (US).

- (74) CRETSINGER, Cathy, E. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2005/029556 (13) A2

(21) PCT/US2004/030816

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,368 19 Sep/sep 2003 US  
(19.09.2003)

(30) 10/943,033 16 Sep/sep 2004 US  
(16.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • METHOD OF FILLING STRUCTURES FOR FORMING VIA-FIRST DUAL DAMASCENE INTERCONNECTS  
• PROCÉDE PERMETTANT DE REMPLIR DES STRUCTURES AFIN DE FORMER DES INTERCONNEXIONS A DOUBLE DAMASQUINAGE COMMENÇANT PAR LES TROUS D'INTERCONNEXION

(71) BREWER SCIENCE INC. [US/US]; 2401 Brewer Drive, Rolla, MO 65401 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BRAKENSIEK, Nickolas, L. [US/US]; 20855 CR4400, St. James, MO 65559 (US).  
WASHBURN, Carlton, A. [US/US]; 1708B N. Cedar, Rolla, MO 65401 (US).  
MURPHY, Earnest, C. [US/US]; 19575 CR1210, St. James, MO 65559 (US).

(74) BORNMAN, Tracy, L.; Hovey Williams LLP, 2405 Grand Boulevard, Suite 400, Kansas City, MO 64108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/00

(11) WO 2005/029557 (13) A2

(21) PCT/IB2004/051792

(22) 18 Sep/sep 2004 (18.09.2004)

(25) en (26) en

(30) 60/504,673 19 Sep/sep 2003 US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • FUSE STRUCTURE FOR MAINTAINING PASSIVATION INTEGRITY

• STRUCTURE DE FUSIBLE PERMETTANT DE MAINTENIR L'INTEGRITE DE LA PASSIVATION

(71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) ZIJLSTRA, Piebe [NL/US]; 1109 McKay Drive, M/S-SJ41, San Jose, CA 95131-1706 (US).  
KILLIAN, Elizabeth [US/US]; 1109 McKay Drive, M/S-SJ41, San Jose, CA 95131-1706 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS, N.V.; c/o Shannon Lester, 1109 McKay Drive, M/S-SJ41, San Jose, CA 95131-1706 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H01L 21/00

(11) WO 2005/029558 (13) A1

(21) PCT/US2004/030458

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,074 19 Sep/sep 2003 US  
(19.09.2003)

(30) 10/941,646 15 Sep/sep 2004 US  
(15.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SEMICONDUCTOR WAFER LOCATION SENSING VIA NON CONTACT METHODS

• PROCÉDES PERMETTANT DE DETECTER SANS CONTACT L'EMPLACEMENT D'UNE PLAQUETTE SEMI-CONDUCTRICE

(71) CYBEROPTICS SEMICONDUCTOR, INC. [US/US]; 13555 SW Millikan Way, Beaverton, OR 97005 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72) SEEBERGER, Edward, D.; 1204 SE 50th Avenue, Portland, OR 97214 (US).  
GARDNER, Delrae, H.; 19169 S.W. 55th Court, Tualatin, OR 97062 (US).  
SCHUDA, Felix, J.; 14066 Palamino Way, Saratoga, CA 95070 (US).  
RAMSEY, Craig, C.; 1931 Sunburst Terrace, West Lynn, OR 97608 (US).

(74) CHRISTENSON, Christopher, R. et al. / etc.; Westman, Champlin & Kelly, P.A., Suite 1600 - International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/027, G03F 7/20

(11) WO 2005/029559 (13) A1

(21) PCT/JP2004/014000

(22) 16 Sep/sep 2004 (16.09.2004)

(25) ja (26) ja

(30) 2003-328997 19 Sep/sep 2003 JP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EXPOSURE APPARATUS AND DEVICE PRODUCING METHOD  
• APPAREIL D'INSOLATION ET PROCÉDE PERMETTANT DE PRODUIRE UN DISPOSITIF

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).  
TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) NAGASAKA, Hiroyuki [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).  
YAMAMOTO, Taro [JP/JP]; c/o Tokyo Electron Kyushu, Limited, Koshi Plant, 1-1, Fukuhara, Koshi-machi, Kikuchi-gun, Kumamoto 861-1116 (JP).  
HIRAKAWA, Osamu [JP/JP]; c/o Tokyo Electron Kyushu, Limited, Koshi Plant, 1-1, Fukuhara, Koshi-machi, Kikuchi-gun, Kumamoto 861-1116 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL



SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H01L 21/205

(11) WO 2005/029560 (13) A1

(21) PCT/JP2004/009638

(22) 7 Jul/juillet 2004 (07.07.2004)

(25) ja (26) ja

(30) 2003-327220 19 Sep/sep 2003 JP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF EPITAXIAL GROWTH  
AND SUBSTRATE FOR EPITAXIAL  
GROWTH

• PROCEDE DE CROISSANCE EPI-  
TAXIALE ET SUBSTRAT POUR  
CROISSANCE EPITAXIALE

(71) NIKKO MATERIALS CO., LTD. [JP/JP];  
10-1, Toranomom 2-chome, Minato-ku,  
Tokyo, 1058407 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) HIRANO, Ryuichi [JP/JP]; c/o NIKKO  
MATERIALS CO., LTD. ISOHARA  
PLANT 187-4, Usuba, Hanakawa-cho, Ki-  
taibaraki-shi, Ibaraki, 3191535 (JP). NAKA-  
MURA, Masashi [JP/JP]; c/o NIKKO MA-  
TERIALS CO., LTD. TODA PLANT 17-35,  
Niizominami 3-chome, Toda-shi, Saitama,  
3358502 (JP).

(74) ARAFUNE, Hiroshi; 5F, Nikko Kagurazaka  
Building, 18, Iwato-cho, Shinjuku-ku, Tokyo,  
1620832 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SE SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H01L 21/26

(11) WO 2005/029561 (13) A1

(21) PCT/JP2004/013922

(22) 24 Sep/sep 2004 (24.09.2004)

(25) ja (26) ja

(30) 2003-332482 24 Sep/sep 2003 JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HEAT TREATMENT APPARATUS

• APPAREIL DE TRAITEMENT THER-  
MIQUE

(71) TOKYO ELECTRON LIMITED [JP/JP];  
3-6, Akasaka 5-chome, Minato-ku, Tokyo,  
1078481 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SHIMIZU, Masahiro [JP/JP]; c/o  
Tokyo Electron AT Limited, 650, Mitsuzawa,  
Hosaka-cho, Nirasaki-shi, Ya-  
manashi, 4070192 (JP). KASAI, Shigeru  
[JP/JP]; c/o Tokyo Electron AT Limited,  
650, Mitsuzawa, Hosaka-cho, Nirasaki-shi,  
Yamanashi, 4070192 (JP). YONEDA, Masa-  
take [JP/JP]; c/o Tokyo Electron AT Limited,  
650, Mitsuzawa, Hosaka-cho, Nirasaki-shi,  
Yamanashi, 4070192 (JP).

(74) YOSHITAKE, Kenji et al. / etc.; Kyowa  
Patent & Law Office, Room 323, Fuji Bldg.,  
2-3, Marunouchi 3-chome, Chiyoda-ku  
Tokyo, 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H01L 21/28, 29/417, 29/423, 29/49, 29/78

(11) WO 2005/029562 (13) A1

(21) PCT/JP2004/012647

(22) 1 Sep/sep 2004 (01.09.2004)

(25) ja (26) ja

(30) 2003-328226 19 Sep/sep 2003 JP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF SUBSTRATE PROCESS-  
ING AND APPARATUS FOR SUB-  
STRATE PROCESSING

• PROCEDE DE TRAITEMENT DE SUB-  
STRATS ET APPAREIL DE TRAIT-  
EMENT DE SUBSTRATS

(71) TOKYO ELECTRON LIMITED [JP/JP];  
3-6, Akasaka 5-chome, Minato-ku, Tokyo  
1078481 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KOBAYASHI, Yasuo [JP/JP]; c/o  
Tokyo Electron AT Limited 650, Mitsuzawa,  
Hosaka-cho, Nirasaki-shi, Yamanashi  
4070192 (JP). HASHIMOTO, Tsuyoshi  
[JP/JP]; c/o Tokyo Electron AT Limited 650,  
Mitsuzawa, Hosaka-cho, Nirasaki-shi, Ya-  
manashi 4070192 (JP).

(74) YOSHITAKE, Kenji et al. / etc.; Kyowa  
Patent & Law Office Room 323, Fuji Bldg.,  
2-3, Marunouchi 3-chome, Chiyoda-ku,  
Tokyo 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H01L 21/304, B24B 37/00, C09K 3/14

(11) WO 2005/029563 (13) A1

(21) PCT/JP2004/012924

(22) 6 Sep/sep 2004 (06.09.2004)

(25) ja (26) ja

(30) 2003-330847 24 Sep/sep 2003 JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • POLISHING COMPOSITION FOR  
SILICON WAFER AND POLISHING  
METHOD

• COMPOSITION DE POLISSAGE POUR  
PLAQUETTE EN SILICIUM ET PRO-  
CEDE DE POLISSAGE

(71) NIPPON CHEMICAL INDUSTRIAL  
CO., LTD. [JP/JP]; 9-11-1, Kameido Koto-ku  
Tokyo, 1368515 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MAEJIMA, Kuniaki [JP/JP]; c/o NIP-  
PON CHEMICAL INDUSTRIAL CO., LTD  
9-11-1, Kameido Koto-ku Tokyo, 1368515  
(JP). MIYABE, Shinsuke [JP/JP]; c/o NIP-  
PON CHEMICAL INDUSTRIAL CO., LTD  
9-11-1, Kameido Koto-ku Tokyo, 1368515  
(JP). IZUMI, Masahiro [JP/JP]; c/o NIP-  
PON CHEMICAL INDUSTRIAL CO., LTD  
9-11-1, Kameido Koto-ku Tokyo, 1368515  
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H01L 21/3065

(11) WO 2005/029564 (13) A1

(21) PCT/JP2003/011768

(22) 16 Sep/sep 2003 (16.09.2003)

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MEMBER FOR PLASMA ETCHING  
DEVICE AND METHOD FOR MANU-  
FACTURE THEREOF

• ELEMENT DESTINE A UN DISPOSITIF  
DE GRAVURE AU PLASMA ET PRO-  
CEDE DE FABRICATION DE CELUI-CI

(71) **SHIN-ETSU QUARTZ PRODUCTS CO., LTD.** [JP/JP]; 22-2, Nishi-Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **INAKI, Kyoichi** [JP/JP]; c/o Shin-Etsu Quartz Products Co., Ltd., 22-2, Nishi-Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP). **ARAKI, Itsuo** [JP/JP]; c/o Kyushu Plant, Shin-Etsu Quartz Products Co., Ltd., 56-1, Aza Doinouchi, Otsu-machi, Kikuchi-gun, Kumamoto 869-1233 (JP).

(74) **HATTORI, Heihachi**; 9, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)<sup>7</sup> H01L 21/31, 21/312, 21/316

(11) WO 2005/029565 (13) A1

(21) PCT/JP2004/013644

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-325010 17 Sep/sep 2003 JP (17.09.2003)

(30) 2003-410795 9 Dec/déc 2003 JP (09.12.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PRODUCTION OF INSULATING FILM WITH LOW DIELECTRIC CONSTANT  
• PRODUCTION DE FILM ISOLANT A CONSTANTE DIELECTRIQUE FAIBLE

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SASAKI, Masaru** [JP/JP]; c/o Tokyo Electron AT Limited, 1-8, Fuso-cho, Amagasaki-shi, Hyogo, 6600891 (JP). **HOSHINO, Satohiko** [JP/JP]; c/o Tokyo Electron AT Limited, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi, 4070192 (JP). **IDE, Shinji** [JP/JP]; c/o Tokyo Electron AT Limited, 1-8, Fuso-cho, Amagasaki-shi, Hyogo, 6600891 (JP). **KASHIWAGI, Yusaku** [JP/JP]; c/o Tokyo Electron AT Limited, 1-8, Fuso-cho, Amagasaki-shi, Hyogo, 6600891 (JP).

(74) **YOSHITAKE, Kenji et al.** / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku Tokyo 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H01L 21/31, C23C 16/44

(11) WO 2005/029566 (13) A1

(21) PCT/JP2004/013678

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-327358 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROCESS FOR PRODUCING SEMI-CONDUCTOR DEVICE AND SUBSTRATE TREATING APPARATUS  
• PROCESSUS DE PRODUCTION DE DISPOSITIF SEMI-CONDUCTEUR ET APPAREIL DE TRAITEMENT DE SUBSTRAT

(71) **HITACHI KOKUSAI ELECTRIC INC.** [JP/JP]; 3-14-20, Higashi-Nakano, Nakano-ku, Tokyo 1648511 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUZAKI, Kenichi** [JP/JP]; c/o Hitachi Kokusai Electric Inc., 3-14-20, Higashi-Nakano, Nakano-ku, Tokyo 1648511 (JP). **WANG, Jie** [CN/JP]; c/o Hitachi Kokusai Electric Inc., 3-14-20, Higashi-Nakano, Nakano-ku, Tokyo 1648511 (JP).

(74) **MIYAMOTO, Haruhiko**; Urbane Sagami Bldg., 602, 19-13, Sagami-ono 3-chome, Sagamihara-shi, Kanagawa 2280803 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/312, 21/316

(11) WO 2005/029567 (13) A1

(21) PCT/IB2004/051793

(22) 18 Sep/sep 2004 (18.09.2004)

(25) en (26) en

(30) 60/504,452 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF FORMING DIELECTRIC LAYERS WITH LOW DIELECTRIC CONSTANTS

• PROCEDE DE FORMATION DE COUCHES DIELECTRIQUES A FAIBLES CONSTANTES DIELECTRIQUES

(71) **KONINKLIJKE PHILIPS ELECTRONICS, N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SACHDEV, Harbans** [US/US]; 1109 McKay Drive, M/S-SJ41, San Jose, CA 95131-1706 (US). **LEUNG, Garkay** [US/US]; 1109 McKay Drive, M/S-SJ41, San Jose, CA 95131-1706 (US). **RAPP, John** [DE/US]; 1109 McKay Drive, M/S-41SJ, San Jose, CA 95131 (US). **MATERA-LONGO, Mary** [US/US]; 1109 McKay Drive, M/S-41SJ, San Jose, CA 95131 (US). **SARMA, Nara** [US/US]; 1109 McKay Drive, M/S-41SJ, San Jose, CA 95131 (US). **MEISNER, Stephen** [US/US]; 1109 McKay Drive, M/S-41SJ, San Jose, CA 95131 (US).

(74) **KONINKLIJKE PHILIPS ELECTRONICS, N.V.**; c/o Shannon Lester, 1109 McKay Drive, M/S-SJ41, San Jose, CA 95131-1706 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H01L 21/314, 21/316, 29/51, 21/28, 21/00, 21/66, C23C 16/34

(11) WO 2005/029568 (13) A2

(21) PCT/US2004/026811

(22) 19 Aug/août 2004 (19.08.2004)

(25) en (26) en

- (30) 10/662,875 **16 Sep/sep 2003** US  
(16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • INTERFACIAL OXIDATION PROCESS FOR HIGH-k GATE DIELECTRIC PROCESS INTEGRATION  
• PROCEDE D'OXYDATION INTERFACIAL DESTINE A L'INTEGRATION D'UN PROCEDE DIELECTRIQUE DE PORTE A K ELEVE
- (71) TOKYO ELECTRON LIMITED [JP/JP]; TBS Broadcast Center, 3-6 Akasaka 5-chome, Minato-ky, Tokyo 107 (JP). INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NJ 10504 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) O'MEARA, David, L. [US/US]; 23 Pleasant Ridge Drive, Poughkeepsie, NY 12603 (US). WAJDA, Cory [US/US]; 2148 West El Moro Avenue, Mesa, AZ 85202 (US). TAKAHASHI, Tsuyoshi [JP/JP]; c/o Tokyo Electron AT Ltd., 650 Mitsuzawa, Hosaka-cho, Nirasaki-City, Yamanashi 407-0192 (JP). CALLEGARI, Alessandro [US/US]; 756 Hanover Street, Yorktown Heights, NY 10598 (US). SCHEER, Kristen [US/US]; 238 Ridge Road, Milton, NY 12547 (US). ZAFAR, Sufi [IN/US]; 92 Hungerwood Road, Briarcliff Manor, NY 10510 (US). JAMISON, Paul [US/US]; 5 Ridge Road, Hopewell Junction, NY 12533 (US).
- (74) KARCESKI, Jeffrey, D. et al. / etc.; Pillsbury Winthrop LLP, P.O. Box 10500, McLean, VA 22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H01L 21/322  
(11) WO 2005/029569 (13) A1  
(21) PCT/JP2004/012081  
(22) 24 Aug/août 2004 (24.08.2004)  
(25) ja (26) ja  
(30) 2003-327704 **19 Sep/sep 2003** JP  
(19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SILICON WAFER RECLAMATION METHOD AND RECLAIMED WAFER  
• PROCEDE DE RECUPERATION D'UNE TRANCHE DE SILICIUM ET TRANCHE RECUPEREE
- (71) MIMASU SEMICONDUCTOR INDUSTRY CO. LTD. [JP/JP]; 762, Ashikado, Gunma-machi, Gunma-gun, Gunma 370-3531 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UCHIDA, Takanobu [JP/JP]; c/o Mimasu Semiconductor Industry Co. Ltd., 2174-1, Hodota, Gunma-machi, Gunma-gun, Gunma 370-3533 (JP). IJIMA, Kazuhide [JP/JP]; c/o Mimasu Semiconductor Industry Co. Ltd., 2174-1, Hodota, Gunma-machi, Gunma-gun, Gunma 370-3533 (JP). YAMAZAKI, Tetsuo [JP/JP]; c/o Mimasu Semiconductor Industry Co. Ltd., 2174-1, Hodota, Gunma-machi, Gunma-gun, Gunma 370-3533 (JP). TOMARU, Shinichi [JP/JP]; c/o Mimasu Semiconductor Industry Co. Ltd., 2174-1, Hodota, Gunma-machi, Gunma-gun, Gunma 370-3533 (JP). MARUYAMA, Fumiaki [JP/JP]; c/o Mimasu Semiconductor Industry Co. Ltd., 2174-1, Hodota, Gunma-machi, Gunma-gun, Gunma 370-3533 (JP).
- (74) YOSHIMIYA, Mikio; Uenosansei Bldg. 4F, 6-4, Motoasakusa 2-chome, Taito-ku, Tokyo 111-0041 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01L 21/336, 21/8234  
(11) WO 2005/029570 (13) A1  
(21) PCT/US2004/030367  
(22) 16 Sep/sep 2004 (16.09.2004)  
(25) en (26) en  
(30) 10/663,710 **17 Sep/sep 2003** US  
(17.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DRAM ACCESS TRANSISTOR AND METHOD OF FORMATION  
• TRANSISTOR D'ACCES DRAM ET SON PROCEDE DE FORMATION
- (71) MICRON TECHNOLOGY, INC [US/US]; 8000 S. Federal Way, Boise, ID 83707-0006 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TRAN, Luan, C. [US/US]; 1125 W. Sandy Court, Meridian, ID 83642 (US).
- (74) D'AMICO, Thomas, J.; Dickstein Shapiro Morin & Oshinsky LLP, 2101 L Street, NW, Washington, DC 20037-1526 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
- (51)<sup>7</sup> H01L 21/4763, 21/285, 23/36, 23/367, 23/373, 31/024, 31/052, 31/18, H01S 5/024  
(11) WO 2005/029572 (13) A1  
(21) PCT/SG2003/000222  
(22) 19 Sep/sep 2003 (19.09.2003)  
(25) en (26) en  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • FABRICATION OF CONDUCTIVE METAL LAYER ON SEMICONDUCTOR DEVICES  
• FABRICATION D'UNE COUCHE METALLIQUE CONDUCTRICE SUR DES DISPOSITIFS SEMICONDUCTEURS
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> H01L 21/368, 31/04  
(11) WO 2005/029571 (13) A1  
(21) PCT/JP2004/013379  
(22) 14 Sep/sep 2004 (14.09.2004)  
(25) ja (26) ja  
(30) 2003-328933 **19 Sep/sep 2003** JP  
(19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COATING AGENT FOR FORMING SEMICONDUCTOR FILM, SEMICONDUCTOR FILM, PHOTOELECTRIC CONVERTER, AND SOLAR CELL  
• AGENT DE REVETEMENT DE FORMATION D'UN FILM SEMI-CONDUCTEUR, FILM SEMI-CONDUCTEUR, CONVERTISSEUR PHOTOELECTRIQUE, ET PILE SOLAIRE
- (71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 1-3-1, Kasumigaseki, Chiyoda-ku, Tokyo 100-8921 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MA, TingliABE, EiichiFANG, Xiaoming  
(74) HARA, Kenzo; Harakenzo World Patent & Trademark Patent Law Firm, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka 530-0041 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (a)

(71) **TINGGI TECHNOLOGIES PRIVATE LIMITED** [SG/SG]; 83 Science Park Drive #03-01/02, The Curie, Science Park 1, Singapore 118258 (SG).

*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **KANG, Xuejun** [CN/SG]; Block 509, West Coast Drive, #11-277, Singapore 120509 (SG). **WU, Daiké** [CN/SG]; Block 527, Jelepang Road, #07-603, Singapore 670527 (SG). **PERRY, Edward Robert** [US/US]; 2440 Sanborn Drive, Sedona, Sedona, AZ 86336 (US).

(74) **ALBAN TAY MAHTANI & DE SILVA**; 39 Robinson Road, #07-01 Robinson Point, Singapore 068911 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

*(u) for / pour US only / seulement*

(51)<sup>7</sup> **H01L 21/4763, 21/285, 23/36, 23/367, 23/373, 31/024, 31/052, 31/18, H01S 5/024**

(11) **WO 2005/029573** (13) A1

(21) PCT/SG2003/000223

(22) **19 Sep/sep 2003 (19.09.2003)**

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **FABRICATION OF SEMICONDUCTOR DEVICES**

• **FABRICATION DE DISPOSITIFS A SEMI-CONDUCTEUR**

(71) **TINGGI TECHNOLOGIES PRIVATE LIMITED** [SG/SG]; 83 Science Park Drive, #03-01/02, The Curie, Science Park 1, Singapore 118258 (SG).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KANG, Xuejun** [CN/SG]; Block 509, West Coast Drive, #11-277, Singapore 120509, 120509 Singapore (SG). **WU, Daiké** [CN/SG]; Block 527, Jelepang Road, #07-603, Singapore 670527, 670527 Singapore (SG). **PERRY, Edward Robert** [US/US]; 2440 Sanborn Drive, Sedona, Arizona 86336, USA, Sedona, AZ 86336 (US).

(74) **ALBAN TAY MAHTANI & DE SILVA**; 39 Robinson Road, #07-01 Robinson Point, Singapore 068911, 068911 Singapore (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

*(u) for / pour US only / seulement*

(51)<sup>7</sup> **H01L 21/52, B25J 15/06, H01L 21/60, 21/68**

(11) **WO 2005/029574** (13) A1

(21) PCT/JP2003/011936

(22) **18 Sep/sep 2003 (18.09.2003)**

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **COLLET, DIE BONDER, AND CHIP PICK-UP METHOD**

• **COLLET, MICROSOUDEUSE DE PUCES ET PROCEDE DE COLLECTE DE PUCES**

(71) **NEC MACHINERY CORPORATION** [JP/JP]; 85, Aza Nawatezaki, Minamiyamadacho, Kusatsu-shi, Shiga 525-8511 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NAGAMOTO, Nobuhiro** [JP/JP]; c/o NEC MACHINERY CORPORATION, 85, Aza Nawatezaki, Minamiyamadacho, Kusatsu-shi, Shiga 525-8511 (JP).

(74) **EHARA, Syogo et al.** / etc.; EHARA PATENT OFFICE, 15-26, EDOBORI 1-CHOME, NISHI-KU, OSAKA-SHI, Osaka 550-0002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H01L 21/66**

(11) **WO 2005/029575** (13) A1

(21) PCT/KR2003/002198

(22) **20 Oct/oct 2003 (20.10.2003)**

(25) ko (26) en

(30) 10-2003-0066120 **24 Sep/sep 2003 KR (24.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **STRUCTURE OF PROBE NEEDLE FOR PROBE CARD**

• **STRUCTURE D'AIGUILLE DE SONDAGE POUR CARTE SONDE**

(71, 72) **JUN, Byung-June** [KR/KR]; #213, Nae-dong, Ojong-ku, Buchon-city, Kyongki-do 421-806 (KR).

(74) **KIM, Jongjin**; #302, Sinmyung Town, 1058-1, Jung-dong, Wonmi-ku, Buchon-city, Kyongki-do 420-849 (KR).

(81) CN JP US.

(51)<sup>7</sup> **H01L 21/762, 21/20**

(11) **WO 2005/029576** (13) A2

(21) PCT/US2004/004746

(22) **17 Feb/fév 2004 (17.02.2004)**

(25) en (26) en

(30) 60/448,176 **18 Feb/fév 2003 US (18.02.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **GLASS-BASED SOI STRUCTURES**  
• **STRUCTURES SOI A BASE DE VERRE**

(71) **CORNING INCORPORATED** [—/US]; 1 Riverfront Plaza, Corning, New York 14831 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **COUILLARD, James G** [US/US]; 266 Westwood Knoll, Ithaca, New York 14850 (US). **MACH, Joseph F** [US/US]; 8927 Steven Road, Lindley, New York 14858 (US). **GADKAREE, Kishor P** [US/US]; 15 Orchard Drive, Big Flats, New York 14814 (US).

(74) **SCHAEBERLE, Timothy M**; Corning Incorporated, SP-TI-3-1, Corning, New York 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H01L 21/768**

(11) **WO 2005/029577** (13) A1

(21) PCT/FR2004/050435

(22) **15 Sep/sep 2004 (15.09.2004)**

(25) fr (26) fr

(30) 0350547 **16 Sep/sep 2003 FR (16.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **INTERCONNECTION STRUCTURE WITH LOW DIELECTRIC CONSTANT**

• **STRUCTURE D'INTERCONNEXION A FAIBLE CONSTANCE DIELECTRIQUE**

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33 rue de la Fédération, F-75752 Paris 15ème (FR).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LOUIS, Didier** [FR/FR]; 101 chemin des Dominicains, Cidex 63, F-38500 Coublevie (FR).

(74) LEHU, Jean; BREVATOME, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H01L 21/768

(11) WO 2005/029578 (13) A1

(21) PCT/IB2004/051676

(22) 2 Sep/sep 2004 (02.09.2004)

(25) en (26) en

(30) 03103525.6 24 Sep/sep 2003 EP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SEMICONDUCTOR DEVICE, METHOD OF MANUFACTURING SAME, IDENTIFICATION LABEL AND INFORMATION CARRIER  
• DISPOSITIF A SEMI-CONDUCTEURS, SON PROCÉDE DE FABRICATION, ETIQUETTE D'IDENTIFICATION ET SUPPORT D'INFORMATIONS

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE). (only for / seulement pour DE)

(72, 75) DEKKER, Ronald [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). MICHELSSEN, Theodor, M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). TOMBEUR, Antoon, M., H. [BE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). FOCK, Johann-Heinrich [DE/DE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ELEVELD, Koop, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H01L 21/8238, 21/28

(11) WO 2005/029579 (13) A1

(21) PCT/EP2004/052086

(22) 8 Sep/sep 2004 (08.09.2004)

(25) en (26) en

(30) 10/669,898 24 Sep/sep 2003 US (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR FABRICATING CMOS FIELD EFFECT TRANSISTORS

• PROCÉDE ET APPAREIL DE FABRICATION DE TRANSISTORS CMOS A EFFET DE CHAMP

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) IBM UNITED KINGDOM LIMITED [GB/GB]; P.O. Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).

(only for / seulement pour MG)

(72, 75) CABRAL, Cyril, Jr. [US/US]; 4 Sherman Place, Ossining, NY 10562 (US). IEONG, Meikei [PT/US]; 31 Summerlin Court, Wappingers Falls, NY 12590 (US). KEDZIERSKI, Jakub [US/US]; 132 Benefield Boulevard, Peekskill, NY 10566 (US).

(74) WILLIAMS, Julian, David; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 23/00

(11) WO 2005/029580 (13) A2

(21) PCT/US2004/029916

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 10/666,399 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MOLDED CHIP FABRICATION METHOD AND APPARATUS

• PROCÉDE ET APPAREIL DE FABRICATION D'UNE PUCE MOULÉE

(71) CREE, INC. [US/US]; 4600 Silicon Drive, Durham, NC 27703 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) LEUNG, Michael, S.; 509 4th Place, Port Huene, CA 93041 (US). TARSA, Eric, J.; 105 Dearborn Place #41, Goleta, CA 93117 (US). IBBETSON, James; 910 Randolph Road, Santa Barbara, CA 93111 (US).

(74) HEYBL, Jaye, G. et al. / etc.; Koppel, Jacobs, Patrick & Heybl, 555 St. Charles Drive, Suite 107, Thousand Oaks, CA 91360 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 23/32

(11) WO 2005/029581 (13) A1

(21) PCT/JP2004/013831

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ja (26) ja

(30) 2003-331360 24 Sep/sep 2003 JP (24.09.2003)

(30) 2003-381048 11 Nov/nov 2003 JP (11.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INTERPOSER AND MULTILAYER PRINTED WIRING BOARD

• ELEMENT INTERMEDIAIRE ET CARTE A CIRCUIT IMPRIME MULTICOUCHE

(71) IBIDEN Co., Ltd. [JP/JP]; 1, Kandacho 2-chome, Ogaki-shi Gifu, 5030917 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KARIYA, Takashi [JP/JP]; c/o IBIDEN Co., Ltd.1, Kitakata 1-chome, Ibigawacho, Ibi-gun Gifu, 5010695 (JP). FURUTANI, Toshiki [JP/JP]; c/o IBIDEN Co., Ltd.1, Kitakata 1-chome, Ibigawacho, Ibi-gun Gifu, 5010695 (JP).

(74) TASHITA, Akihito; 22-6, Sakae 1-chome, Naka-ku, Nagoya-shi Aichi, 4600008 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01L 23/525
- (11) WO 2005/029582 (13) A1
- (21) PCT/IB2004/051791
- (22) 18 Sep/sep 2004 (18.09.2004)
- (25) en (26) en
- (30) 60/504,390 19 Sep/sep 2003 US (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • FUSE STRUCTURE HAVING REDUCED HEAT DISSIPATION TOWARDS THE SUBSTRATE
- STRUCTURE DE FUSIBLE PRESENTANT UNE DISSIPATION DE CHALEUR REDUITE VERS LE SUBSTRAT
- (71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZIJLSTRA, Piebe [NL/US]; 1109 McKay Drive, M/S-SJ41, San Jose, CA 95131-1706 (US). KILLIAN, Elizabeth [US/US]; 1109 McKay Drive, M/S-SJ41, San Jose, CA 95131-1706 (US).
- (74) KONINKLIJKE PHILIPS ELECTRONICS, N.V.; c/o Shannon Lester, 1109 McKay Drive, M/S-SJ41, San Jose, CA 95131-1706 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations
- (51)<sup>7</sup> H01L 27/00
- (11) WO 2005/029583 (13) A2
- (21) PCT/US2004/030710
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/504,078 19 Sep/sep 2003 US (19.09.2003)
- (30) 60/556,046 24 Mar/mar 2004 US (24.03.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SCHOTTKY BARRIER INTEGRATED CIRCUIT
- CIRCUIT INTEGRE A BARRIERE DE SCHOTTKY
- (71) SPINNAKER SEMICONDUCTOR, INC. [US/US]; 7550 Market Place Drive, Eden Prairie, MN 55344 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SNYDER, John, P. [US/US]; 5705 Lois Lane, Edina, MN 55439 (US). LARSON, John, M. [US/US]; 419 College Street, Northfield, MN 55057 (US).
- (74) MIN, (Amy) Xu, S. et al. / etc.; Dorsey & Whitney LLP, Intellectual Property Department, Suite 1500, 50 South Sixth Street, Minneapolis, MN 55402-1498 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01L 27/04, 21/82, 21/66
- (11) WO 2005/029584 (13) A1
- (21) PCT/JP2004/012904
- (22) 31 Aug/août 2004 (31.08.2004)
- (25) ja (26) ja
- (30) 2003-330344 22 Sep/sep 2003 JP (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SEMICONDUCTOR INTEGRATED CIRCUIT
- CIRCUIT INTEGRE SEMI-CONDUCTEUR
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SOGAWA, Yasuyo NISHIKAWA, Kazuhiko HIROFUJI, Masanori
- (74) HAYASE, Kenichi; HAYASE & CO. Patent Attorneys, 13F, NISSAY SHIN-OSAKA Bldg., 3-4-30, Miyahara, Yodogawa-ku, Osaka-shi, Osaka 5320003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01L 27/10, 45/00, C23C 14/34
- (11) WO 2005/029585 (13) A1
- (21) PCT/JP2004/013036
- (22) 8 Sep/sep 2004 (08.09.2004)
- (25) ja (26) ja
- (30) 2003-324063 17 Sep/sep 2003 JP (17.09.2003)
- (30) 2004-102724 31 Mar/mar 2004 JP (31.03.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PHASE-CHANGE FILM FOR SEMICONDUCTOR NON-VOLATILE MEMORY AND SPUTTERING TARGET FOR FORMING SUCH PHASE-CHANGE FILM
- FILM A CHANGEMENT DE PHASE POUR MEMOIRE NON VOLATILE A SEMI-CONDUCTEURS ET CIBLE DE PULVERISATION CATHODIQUE PERMETTANT LA FORMATION D'UN TEL FIL A CHANGEMENT DE PHASE
- (71) Mitsubishi Materials Corporation [JP/JP]; 5-1, Otemachi 1-chome, Chiyoda-ku Tokyo, 1008117 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) Nonaka, Sohei [JP/JP]; c/o, Sanda Plant, Mitsubishi Materials Corporation, 12-6, Techno-Park, Sanda-shi Hyogo, 6691339 (JP). Kinoshita, Kei [JP/JP]; c/o, Sanda Plant, Mitsubishi Materials Corporation, 12-6, Techno-Park, Sanda-shi Hyogo, 6691339 (JP). Mori, Satoru [JP/JP]; c/o, Sanda Plant, Mitsubishi Materials Corporation, 12-6, Techno-Park, Sanda-shi Hyogo, 6691339 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> H01L 29/06
- (11) WO 2005/029586 (13) A1
- (21) PCT/IB2004/051809
- (22) 21 Sep/sep 2004 (21.09.2004)
- (25) en (26) en
- (30) 60/504,997 22 Sep/sep 2003 US (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DYNAMIC CONTROL OF CAPACITANCE ELEMENTS IN FIELD EFFECT SEMICONDUCTOR DEVICES  
• COMMANDE DYNAMIQUE DES ELEMENTS CAPACITIFS DANS LES DISPOSITIFS A SEMI-CONDUCTEURS A EFFET DE CHAMP
- (71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PETRUZZELLO, John [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). LETAVIC, Theodore [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). DUFORT, Benoit [CA/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).
- (74) KONINKLIJKE PHILIPS ELECTRONICS, N.V.; c/o Waxler, Aaron P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

- (51)<sup>7</sup> H01L 29/26, 29/73, 29/78, 33/00
- (11) WO 2005/029587 (13) A1
- (21) PCT/JP2004/013819
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) ja (26) ja

- (30) 2003-331881 24 Sep/sep 2003 JP (24.09.2003)
- (30) 2004-093515 26 Mar/mar 2004 JP (26.03.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NITRIDE SEMICONDUCTOR DEVICE  
• DISPOSITIF SEMI-CONDUCTEUR A BASE DE NITRURE
- (71) SANKEN ELECTRIC CO., LTD. [JP/JP]; 3-6-3, Kitano, Niiza-shi, Saitama, 3528666 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OTSUKA, Koji [JP/JP]; c/o Sanken Electric Co., Ltd., 3-6-3, kitano, Niiza-shi, Saitama, 3528666 (JP). MOKU, Tetsuji [JP/JP]; c/o Sanken Electric Co., Ltd., 3-6-3, Kitano, Niiza-shi, Saitama, 3528666 (JP). SATO, Junji [JP/JP]; c/o Sanken Electric Co., Ltd., 3-6-3, Kitano, Niiza-shi, Saitama, 3528666 (JP). TADA, Yoshiki [JP/JP]; c/o Sanken Electric Co., LTD., 3-6-3, Kitano, Niiza-shi, Saitama, 3528666 (JP). YOSHIDA, Takashi [JP/JP]; c/o Sanken Electric Co., Ltd., 3-6-3, kitano, Niiza-shi, Saitama, 3528666 (JP).
- (74) TAKANO, Noritsugu; Kaken Building, 5-8, Hyakunincho 2-chome, Shinjuku-ku, Tokyo, 1690073 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01L 29/26, 29/73, 29/78, 33/00
- (11) WO 2005/029588 (13) A1
- (21) PCT/JP2004/013820
- (22) 22 Sep/sep 2004 (22.09.2004)
- (25) ja (26) ja
- (30) 2003-331882 24 Sep/sep 2003 JP (24.09.2003)
- (30) 2004-092211 26 Mar/mar 2004 JP (26.03.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • NITRIDE SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SAME  
• DISPOSITIF SEMI-CONDUCTEUR A BASE DE NITRURE ET SON PROCEDE DE FABRICATION
- (71) SANKEN ELECTRIC CO., LTD. [JP/JP]; 3-6-3, Kitano, Niiza-shi, Saitama, 3528666 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OTSUKA, Koji [JP/JP]; c/o Sanken Electric Co., Ltd., 3-6-3, kitano, Niiza-shi,

- Saitama, 3528666 (JP). MOKU, Tetsuji [JP/JP]; c/o Sanken Electric Co., Ltd., 3-6-3, Kitano, Niiza-shi, Saitama, 3528666 (JP). SATO, Junji [JP/JP]; c/o Sanken Electric Co., Ltd., 3-6-3, Kitano, Niiza-shi, Saitama, 3528666 (JP). TADA, Yoshiki [JP/JP]; c/o Sanken Electric Co., LTD., 3-6-3, Kitano, Niiza-shi, Saitama, 3528666 (JP). YOSHIDA, Takashi [JP/JP]; c/o Sanken Electric Co., Ltd., 3-6-3, kitano, Niiza-shi, Saitama, 3528666 (JP).
- (74) TAKANO, Noritsugu; Kaken Building, 5-8, Hyakunincho 2-chome, Shinjuku-ku, Tokyo, 1690073 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01L 29/778, 29/423, 29/812, 29/006
- (11) WO 2005/029589 (13) A1
- (21) PCT/US2004/029345
- (22) 8 Sep/sep 2004 (08.09.2004)
- (25) en (26) en
- (30) 60/501,576 9 Sep/sep 2003 US (09.09.2003)
- (30) 10/930,160 31 Aug/août 2004 US (31.08.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • WIDE BANDGAP TRANSISTOR DEVICES WITH FIELD PLATES  
• DISPOSITIFS DE TRANSISTORS A STRUCTURES DE BANDE LARGES COMPRENANT DES PLAQUES DE CHAMPS
- (71) CREE, INC. [US/US]; 4600 Silicon Drive, Durham, NC 27703 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) PARIKH, Primit; 6832 Shadowbrook Drive, Goleta, CA 93117 (US). WU, Yifeng; 528 Fireside Lane, Goleta, CA 93117 (US).
- (74) HEYBL, Jaye, G. et al. / etc.; 555 St. Charles Drive, Suite 107, Thousand Oaks, CA 91360 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H01L 29/78, 21/336

(11) WO 2005/029590 (13) A1

(21) PCT/JP2003/011874

(22) 18 Sep/sep 2003 (18.09.2003)

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LATERAL SHORT-CHANNEL DMOS, METHOD FOR MANUFACTURING SAME AND SEMICONDUCTOR DEVICE

• MOS LATERAL A DOUBLE DIFFUSION, A CANAL COURT, SON PROCEDE DE FABRICATION ET DISPOSITIF A SEMICONDUCTEUR

(71) SHINDENGEN ELECTRIC MANUFACTURING CO., LTD. [JP/JP]; 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KITAGUCHI, Makoto [JP/JP]; c/o Factory of Shindengen Electric Manufacturing Co., Ltd., 10-13, Minami-cho, Hanno-shi, Saitama 357-8585 (JP).

(74) MATSUO, Nobutaka; Matsuo & Emori Intellectual Property Services Nagano Branch, 9862-60, Ochiai, Fujimi-machi, Suwa-gun, Nagano 399-0214 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H01L 29/786, G02B 6/44, G09F 9/30, H01L 27/00, 29/06, 31/04, H05B 33/02

(11) WO 2005/029591 (13) A1

(21) PCT/JP2004/013961

(22) 24 Sep/sep 2004 (24.09.2004)

(25) ja (26) ja

(30) 60/505405 23 Sep/sep 2003 US (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LINEAR SEMICONDUCTOR SUBSTRATE, DEVICE USING THE LINEAR SEMICONDUCTOR SUBSTRATE, DEVICE ARRAY, AND MODULE

• SUBSTRAT A SEMI-CONDUCTEUR LINEAIRE, DISPOSITIF UTILISANT UN TEL SUBSTRAT, ENSEMBLE DE DISPOSITIFS ET MODULE CORRESPONDANTS

(71) THE FURUKAWA ELECTRIC CO., LTD. [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008322 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAMURA, Toshihiro [JP/JP]; c/o The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008322 (JP). ORITA, Nobuaki [JP/JP]; c/o The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008322 (JP). KOAIZAWA, Hisashi [JP/JP]; c/o The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008322 (JP). SUZUKI, Kenkichi [JP/JP]; 3713-3, Hayano, Mobara-shi, Chiba 2970037 (JP). KURASEKO, Hiroshi [JP/JP]; c/o The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008322 (JP). KONDO, Michio [JP/JP]; 1-1-1, Azuma, Tsukuba-shi, Ibaraki 3050046 (JP).

(74) KAWAWA, Takaho; Mita-Maruhachi Bldg. 7F, 1-10, Mita 3-chome, Minato-ku, Tokyo 1080073 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 31/04, 31/0256, 31/0352, 31/0384, 31/18

(11) WO 2005/029592 (13) A1

(21) PCT/US2004/030201

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/503,335 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ORGANIC PHOTOVOLTAIC CELLS WITH AN ELECTRIC FIELD INTERNALLY-FORMED AT THE HETEROJUNCTION INTERFACE

• PILES PHOTOVOLTAIQUES ORGANIQUES A CHAMP ELECTRIQUE INTEGRE AU NIVEAU DE INTERFACE D'HETEROJUNCTION

(71) MIDWEST RESEARCH INTSTITUTE [US/US]; 425 Volker Boulevard, Kansas City, MO 64110 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GREGG, Brian, A. [US/US]; 13940 Braun Drive, Golden, CO 80401 (US).

(74) WHITE, Paul, J. et al. / etc.; National Renewable Energy Laboratory, 1617 Cole Boulevard, Golden, CO 80401 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> H01L 31/048

(11) WO 2005/029593 (13) A1

(21) PCT/AU2004/001318

(22) 24 Sep/sep 2004 (24.09.2004)

(25) en (26) en

(30) 2003905250 25 Sep/sep 2003 AU (25.09.2003)

(30) 2004901549 24 Mar/mar 2004 AU (24.03.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PHOTOVOLTAIC DEVICE

• DISPOSITIF PHOTOVOLTAIQUE

(71, 72) LACEY, Peter, Holt [AU/AU]; 3 Girtton Lane, Fremantle, Western Australia 6150 (AU).

(74) WRAY & ASSOCIATES; Level 4, The Quadrant, 1 William Street, Perth, Western Australia 6000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 33/00, 23/28

(11) WO 2005/029594 (13) A1

(21) PCT/CN2004/000108

(22) 9 Feb/feb 2004 (09.02.2004)



- (25) zh (26) zh  
 (30) 03158333.4 **22 Sep/sep 2003** CN  
 (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A STRUCTURE OF LIGHT EMITTING DIODE  
 • STRUCTURE DE DIODE ELECTROLUMINESCENTE
- (71) FUJIAN JOINLUCK ELECTRONIC ENTERPRISE CO., LTD. [CN/CN]; Dongsheng Industrial Area, Cangshan District, Fuzhou, Fujian 350007 (CN).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HUANG, Desen [CN/CN]; Dongsheng Industrial Area, Cangshan District, Fuzhou, Fujian 350007 (CN).
- (74) XIAMEN SHINHWA PATENT & TRADE MARK AGENCY CO., LTD.; 1/F, Taiwan Hotel, Hubin East Road, Xiamen Fujian 361004 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01L 33/00, C09K 11/08, 11/61, 11/63, 11/64, 11/80, 11/59, 11/73
- (11) WO 2005/029596 (13) A1
- (21) PCT/JP2004/013649
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) ja (26) ja
- (30) 2003-326535 **18 Sep/sep 2003** JP  
 (18.09.2003)
- (30) 2003-328367 **19 Sep/sep 2003** JP  
 (19.09.2003)
- (30) 2004-133626 **28 Apr/avr 2004** JP  
 (28.04.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LIGHT-EMITTING DEVICE  
 • DISPOSITIF ELECTROLUMINESCENT
- (71) NICHIA CORPORATION [JP/JP]; 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima, 7748601 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TAKASHIMA, Suguru [JP/JP]; c/o NICHIA CORPORATION, 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima, 7748601 (JP). KAMESHIMA, Masatoshi [JP/JP]; c/o NICHIA CORPORATION, 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima, 7748601 (JP). TAMAKI, Hiroto [JP/JP]; c/o NICHIA CORPORATION, 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima, 7748601 (JP). TAKEICHI, Junji [JP/JP]; c/o NICHIA CORPORATION, 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima, 7748601 (JP). MURAZAKI, Yoshinori [JP/JP]; c/o NICHIA CORPORATION, 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima, 7748601 (JP). KINOSHITA, Shinpei [JP/JP]; c/o NICHIA CORPORATION, 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima, 7748601 (JP).
- (74) ISHII, Hisao et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiroimi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01L 33/00
- (11) WO 2005/029595 (13) A1
- (21) PCT/JP2004/013082
- (22) 1 Sep/sep 2004 (01.09.2004)
- (25) en (26) en
- (30) 2003-322541 **16 Sep/sep 2003** JP  
 (16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • GROUP III-NITRIDE-BASED COMPOUND SEMICONDUCTOR DEVICE  
 • DISPOSITIF SEMI-CONDUCTEUR A BASE DE NITRURES DU GROUPE III
- (71) TOYODA GOSEI CO., LTD. [JP/JP]; 1, Aza Nagahata, Oaza Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi 452-8564 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TAKI, Tetsuya [JP/JP]; c/o Toyoda Gosei Co., Ltd., 1, Aza Nagahata, Oaza Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi 452-8564 (JP).
- (74) HIRATA, Tadao; Hirata & Partners, World-Wide-Center, 1-13, Sanban-cho, Chiyoda-ku, Tokyo 102-0075 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01L 33/00
- (11) WO 2005/029598 (13) A1
- (21) PCT/JP2004/014128
- (22) 21 Sep/sep 2004 (21.09.2004)
- (25) en (26) en
- (30) 2003-330422 **22 Sep/sep 2003** JP  
 (22.09.2003)
- (30) 60/507,125 **1 Oct/oct 2003** US  
 (01.10.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • GALLIUM NITRIDE-BASED COMPOUND SEMICONDUCTOR LIGHT-EMITTING DEVICE AND ELECTRODE FOR THE SAME  
 • DISPOSITIF EMETTEUR DE LUMIERE, A SEMI-CONDUCTEURS, D'UN COMPOSE A BASE DE NITRURE DE GALLIUM AINSI QU'ÉLECTRODE POUR CE DISPOSITIF
- (71) SHOWA DENKO K.K. [JP/JP]; 13-9, Shibadaimon 1-chome, Minato-ku, Tokyo, 1058518 (JP).
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **TOMOZAWA, Hideki** [JP/JP]; c/o SHOWA DENKO K.K., 1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba, 2670056 (JP). **OKUYAMA, Mineo** [JP/JP]; c/o SHOWA DENKO K.K., 1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba, 2670056 (JP). **MURAKI, Noritaka** [JP/JP]; c/o SHOWA DENKO K.K., 1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba, 2670056 (JP). **MASUYAMA, Soichiro** [JP/JP]; c/o SHOWA DENKO HD K.K., 5-1, Yawata Kaigan dori, Ichihara-shi, Chiba, 2900067 (JP).
- (74) **AOKI, Atsushi et al.** / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo, 1058423 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01L 33/00**
- (11) **WO 2005/029599** (13) A2
- (21) PCT/JP2004/014464
- (22) **24 Sep/sep 2004 (24.09.2004)**
- (25) en (26) en
- (30) 2003-331060 **24 Sep/sep 2003 (24.09.2003)** JP
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **LIGHT-EMITTING DEVICE AND ITS MANUFACTURING METHOD**
- **DISPOSITIF PHOTOLUMINESCENT ET SON PROCÉDE DE FABRICATION**
- (71) **MATSUSHITA ELECTRIC WORKS, LTD.** [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TANAKA, Kenichiro** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). **KUBO, Masao** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).
- (74) **ITAYA, Yasuo**; Tokushima Bldg. 7F, 9-10, Minamisemba 3-chome, Chuo-ku, Osaka-shi, Osaka 5420081 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01L 33/00**
- (11) **WO 2005/029601** (13) A2
- (21) PCT/US2004/015018
- (22) **14 May/mai 2004 (14.05.2004)**
- (25) en (26) en
- (30) 10/439,506 **15 May/mai 2003 (15.05.2003)** US
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **MULTILAYER COATING PACKAGE ON FLEXIBLE SUBSTRATES FOR ELECTRO-OPTICAL DEVICES**
- **ENSEMBLE D'INDUCTION MULTICOUCHE SUR SUBSTRATS FLEXIBLES POUR DISPOSITIFS ELECTRO-OPTIQUES**
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHAEPKENS, Marc** [NL/US]; 7 Guilder Place, Ballston Lake, NY 12019 (US). **GILLETTE, Gregory, Ronald** [US/US]; 36 Michelle Drive, Clifton Park, NY 12065 (US). **IACOVANGELO, Charles, Dominic** [US/US]; 6 Candiwood Court, Clifton Park, NY 12065 (US).
- (74) **WINTER, Catherine, J. et al.** / etc.; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declarations / Déclarations :**
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- 
- (51)<sup>7</sup> **H01L 41/083, 41/09, 41/22, F02M 51/00, 51/06, H02N 2/04**
- (11) **WO 2005/029602** (13) A1
- (21) PCT/JP2004/013797
- (22) **22 Sep/sep 2004 (22.09.2004)**
- (25) ja (26) ja
- (30) 2003-332020 **24 Sep/sep 2003 (24.09.2003)** JP
- (30) 2003-421146 **18 Dec/déc 2003 (18.12.2003)** JP
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • **MULTILAYER PIEZOELECTRIC DEVICE**
- **DISPOSITIF PIEZO-ELECTRIQUE MULTICOUCHE**
- (71) **KYOCERA CORPORATION** [JP/JP]; 6, Takeda Tobadono-cho, Fushimi-ku Kyoto-shi, Kyoto, 6128501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAMURA, Shigenobu [JP/JP]; c/o Kyocera Corporation, Kagoshima Kokubu Plant, 1-1, Yamashita-cho, Kokubu-shi, Kagoshima 8994396 (JP).

(74) KAWAMIYA, Osamu et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 5400001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 41/083, 41/09, 41/22, F02M 51/00, 51/06, H02N 2/04

(11) WO 2005/029603 (13) A1

(21) PCT/JP2004/013844

(22) 22 Sep/sep 2004 (22.09.2004)

(25) ja (26) ja

(30) 2003-332020 24 Sep/sep 2003 JP (24.09.2003)

(30) 2003-385370 14 Nov/nov 2003 JP (14.11.2003)

(30) 2003-421146 18 Dec/déc 2003 JP (18.12.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTILAYER PIEZOELECTRIC DEVICE

• DISPOSITIF PIEZO-ELECTRIQUE MULTICOUCHES

(71) KYOCERA CORPORATION [JP/JP]; 6, Takeda Tobadono-cho, Fushimi-ku, Kyoto-shi, Kyoto, 6128501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKAMURA, Takeshi [JP/JP]; c/o KYOCERA CORPORATION, Kagoshima Kokubu Plant, 1-1, Yamashita-cho, Kokubu-shi, Kagoshima, 8994396 (JP). SAKAUE, Katsushi [JP/JP]; c/o KYOCERA CORPORATION, R & D Center, 1-4, Yamashita-cho, Kokubu-shi, Kagoshima, 8994312 (JP). NAKAMURA, Shigenobu [JP/JP]; c/o KYOCERA CORPORATION, Kagoshima Kokubu Plant, 1-1, Yamashita-cho, Kokubu-shi, Kagoshima, 8994396 (JP).

(74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 43/06, G01R 33/06

(11) WO 2005/029604 (13) A1

(21) PCT/UA2004/000063

(22) 7 Sep/sep 2004 (07.09.2004)

(25) ru (26) ru

(30) 2003098632 22 Sep/sep 2003 UA (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTIPOSITION 3-D MAGNETIC FIELD SENSOR

• CAPTEURS DE CHAMP MAGNETIQUE 3 D A POSITIONS MULTIPLES

(71, 72) BOLSHAKOVA, Inessa Antonovna [UA/UA]; ul. Romanitskogo, 6-5, Lvov, 79012 (UA). GOLYAKA, Roman Lyubomyrovych [UA/UA]; ul. Rozloga, 3, Lvov, 79039 (UA).

(74) SLOBODYANYUK, Alla Vasilievna; A/ya 338, Kiev, 03150 (UA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 51/20, 51/40

(11) WO 2005/029605 (13) A1

(21) PCT/JP2004/013996

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 2003-328525 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FIELD EFFECT TYPE ORGANIC TRANSISTOR AND PROCESS FOR PRODUCTION THEREOF

• TRANSISTOR ORGANIQUE DE TYPE A EFFET DE CHAMP ET PROCEDE DE PRODUCTION ASSOCIE

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAMURA, Shinichi [JP/JP]; c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).

(74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H01L 51/20, 51/30

(11) WO 2005/029606 (13) A2

(21) PCT/JP2004/014011

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 2003-327633 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ORGANIC ELECTROLUMINESCENT DEVICE

• DISPOSITIF ELECTROLUMINESCENT ORGANIQUE

(71) FUJI PHOTO FILM CO., LTD. [JP/JP]; 210, Nakanuma, Minami-Ashigara-shi, Kanagawa, 2500123 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IGARASHI, Tatsuya [JP/JP]; c/o FUJI PHOTO FILM CO., LTD., 210, Nakanuma, Minami-Ashigara-shi, Kanagawa, 2500123 (JP).

(74) NAKAJIMA, Jun et al. / etc.; TAIYO, NAKAJIMA & KATO Seventh Floor, HK-ShinjukuBldg., 3-17, Shinjuku 4-chome, Shinjuku-ku, Tokyo, 1600022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 51/20, 51/40

(11) WO 2005/029607 (13) A1

(21) PCT/US2004/029834

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 10/662,083 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • COMPOUND ELECTRODES FOR ELECTRONIC DEVICES  
• ELECTRODES COMPOSEES DESTINEES AUX DISPOSITIFS ELECTRONIQUES
- (71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LIU, Jie [CN/US]; 1265 Sagemont Court, Niskayuna, NY 12309 (US). SHIANG, Joseph, John [US/US]; 2524 Hilltop Road, Niskayuna, NY 12309 (US). DUGGAL, Anil, Raj [US/US]; 2322 Algonquin Road, Niskayuna, NY 12309 (US). HELLER, Christian, Maria, Anton [AT/US]; 58 Terrace Avenue, Albany, NY 12203 (US).
- (74) GNIBUS, Michael et al. / etc.; General Electric Company, Patent Counsel, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (51)<sup>7</sup> H01M  
(11) WO 2005/029608 (13) A2  
(21) PCT/JP2004/013868  
(22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en  
(30) 2003-324648 17 Sep/sep 2003 JP (17.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PROBE SOLUTION, PROBE CARRIER, AND METHOD OF MANUFACTURING PROBE CARRIER  
• SOLUTION DE SONDE, PORTE-SONDE ET PROCEDE DE FABRICATION DUDIT PORTE-SONDE
- (71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MARUYAMA, Ayako [JP/JP]; c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).
- (74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01M  
(11) WO 2005/029609 (13) A2  
(21) PCT/US2004/029542  
(22) 9 Sep/sep 2004 (09.09.2004)  
(25) en (26) en  
(30) 10/664,772 17 Sep/sep 2003 US (17.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ORGANIC FUEL CELLS AND FUEL CELL CONDUCTING SHEETS  
• PILES A COMBUSTIBLE ORGANIQUES ET FEUILLES CONDUCTRICES POUR PILES A COMBUSTIBLE
- (63) US 10/407,385 (CIP)  
4 Apr/avr 2003 (04.04.2003)
- (71) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS [US/US]; 506 South Wright Street, 352 Henry Administration Building, Urbana, IL 61801 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MASEL, Richard, I. [US/US]; 2603 Lakeview, Champaign, IL 61822 (US). HA, Su [US/US]; 1523 Lincolnshire Dr., Apt. 9, Champaign, IL 61821 (US). ADAMS, Brian [US/US]; 1203 Wesley, #107, Savoy, IL 61874 (US).
- (74) FALLON, Steven, P.; Greer, Burns & Crain, Ltd., Suite 2500, 300 S. Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01M  
(11) WO 2005/029611 (13) A1  
(21) PCT/US2004/029659  
(22) 13 Sep/sep 2004 (13.09.2004)  
(25) en (26) en  
(30) 10/664,405 16 Sep/sep 2003 US (16.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ENHANCED FUEL DELIVERY FOR DIRECT METHANOL FUEL CELLS  
• DISTRIBUTION DE COMBUSTIBLE AMELIOREE POUR PILES A COMBUSTIBLE A UTILISATION DIRECTE DE METHANOL
- (63) US 10/664,405 (CON)  
16 Sep/sep 2003 (16.09.2003)
- (71) THE GILLETTE COMPANY [US/US]; Prudential Tower Building, Boston, MA 02199 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) DRAKE, Javit, A. [US/US]; 23 Walnut Street, Apt. 4, Waltham, MA 02453 (US). GILICINSKI, Andrew, G. [US/US]; 10 Reed Avenue, Westborough, MA 01581 (US). GUAY, Gordon, G. [US/US]; 18 Regina Drive, Chelmsford, MA 01824 (US). PINNELL, Leslie [US/US]; 602 Potter Road, Framingham, MA 01701 (US).
- (74) GALLOWAY, Peter, D. et al. / etc.; Ladass & Parry LLP, 26 West 61st Street, New York, NY 10023 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01M 2/04  
(11) WO 2005/029611 (13) A1  
(21) PCT/KR2004/002317  
(22) 13 Sep/sep 2004 (13.09.2004)  
(25) ko (26) en

(30) 10-2003-0065237 19 Sep/sep 2003 KR  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LITHIUM ION SECONDARY BATTERY

• ACCUMULATEUR AUX IONS DE LITHIUM

(71) KOREA POWER CELL INC. [KR/KR]; 103-2 Munji-dong, Yusong-gu, Daejeon 305-708 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JEON, Tae-Hyun [KR/KR]; 201-806 Hansol Apt., Songgang-dong, Yusong-gu, Daejeon 305-758 (KR). YOON, Hyun-Gook [KR/KR]; 307-201 Songgang Green Apt., Songgang-dong, Yusong-gu, Daejeon 305-751 (KR). CHUNG, Geun-Chang [KR/KR]; 103-305 Hyundai Apt., Doryong-dong, Yusong-gu, Daejeon 305-340 (KR).

(74) HUH, Jin-Seok; 304, Yeongshin B/D, 832-3 Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01M 2/10, A61N 1/39

(11) WO 2005/029612 (13) A1

(21) PCT/IB2004/051409

(22) 5 Aug/août 2004 (05.08.2004)

(25) en (26) en

(30) 60/504,406 19 Sep/sep 2003 US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EXTERNAL DEFIBRILLATOR HAVING A REMOVABLE BATTERY PACK USING OFF-THE-SHELF CELLS

• DEFIBRILLATEUR EXTERNE EQUIPE D'UN BLOC-BATTERIE AMOVIBLE UTILISANT DES ELEMENTS STANDARDS

(71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(71) U.S. PHILIPS CORPORATION [US/US]; 1251 Avenue of the Americas, New York, NY 10020 (US).

(only for / seulement pour AE)

(72) POWERS, Daniel, J.; P.O. Box 3003, Bothell, WA 98041-3003 (US). PICARDO, Anthony, George; P.O. Box 3003, Bothell, WA 98041-3003 (US). BISHAY, Jon, Mikalson; P.O. Box 3003, Bothell, WA 98041-3003 (US).

(74) YORKS, W., Brinton, Jr.; P.O. Box 3003, Bothell, WA 98041-3003 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H01M 4/02, 10/40, 4/38, 4/58

(11) WO 2005/029613 (13) A1

(21) PCT/JP2004/011534

(22) 11 Aug/août 2004 (11.08.2004)

(25) ja (26) ja

(30) 2003-322968 16 Sep/sep 2003 JP  
(16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NONAQUEOUS ELECTROLYTE SECONDARY BATTERY

• ACCUMULATEUR A ELECTROLYTE NON AQUEUX

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUSACHI, Yuki [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP). UTSUGI, Koji [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).

(74) MIYAZAKI, Teruo et al. / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo, 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01M 4/02, 2/16, 10/40

(11) WO 2005/029614 (13) A1

(21) PCT/JP2004/013704

(22) 13 Sep/sep 2004 (13.09.2004)

(25) ja (26) ja

(30) 2003-325852 18 Sep/sep 2003 JP  
(18.09.2003)

(30) 2003-329739 22 Sep/sep 2003 JP  
(22.09.2003)

(30) 2003-419968 17 Dec/déc 2003 JP  
(17.12.2003)

(30) 2003-422536 19 Dec/déc 2003 JP  
(19.12.2003)

(30) 2004-010423 19 Jan/jan 2004 JP  
(19.01.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LITHIUM ION SECONDARY BATTERY

• ACCUMULATEUR LITHIUM-ION

(71) Matsushita Electric Industrial Co., Ltd. [JP/JP]; 1006, Oaza-Kadoma, Kadoma-shi, Osaka, 5718501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUZUKI, Kohei OHATA, Tsumoru NAKAJIMA, Junji FUJINO, Akiko IKUTA, Shigeo HAYASHI, Tetsuya FUKUMOTO, Yusuke KASAMATSU, Shinji

(74) ISHII, Kazuo et al. / etc.; Kitahama-Yamamoto Building, 3-6, Kitahama 2-chome, Chuo-ku Osaka-shi, Osaka, 5410041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01M 8/00

(11) WO 2005/029615 (13) A2

(21) PCT/EP2004/004877

(22) 7 May/mai 2004 (07.05.2004)

(25) de (26) de

(30) 103 38 604.1 22 Aug/août 2003 DE  
(22.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FUEL-CELL SYSTEM

• SYSTEME DE PILE A COMBUSTIBLE

(71) VOLKSWAGEN AKTIENGESELLSCHAFT [DE/DE]; 38436 Wolfsburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

- (74, 75) **KUIPERS, Jan-Kasper** [DE/DE]; Königsberger Ring 4, 38442 Emen (DE). **MAUME, Christoph** [DE/DE]; Wiesenhofweg 16, 38550 Isenbüttel (DE). **KLEIN, Olaf** [DE/DE]; Tilsiterstr. 3, 38542 Leiferde (DE). **ALMKERMANN, Jens, Arik** [DE/DE]; Dessauer Ring 4, 38550 Isenbüttel (DE).
- (74) **VOLKSWAGEN AKTIENGESELLSCHAFT**; Brieffach 1770, 38436 Wolfsburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01M 8/00

- (11) **WO 2005/029616** (13) A2
- (21) PCT/JP2004/011421
- (22) **3 Aug/août 2004 (03.08.2004)**
- (25) en (26) en
- (30) 2003-332160 **24 Sep/sep 2003 JP (24.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • FUEL REFORMING SYSTEM  
• SYSTEME DE REFORMAGE DE COMBUSTIBLE
- (71) **NISSAN MOTOR CO., LTD.** [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2210023 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YAMAGUCHI, Koichi** [JP/JP] **AOYAMA, Takashi** [JP/JP] **SHOJI, Tadashi** [JP/JP]
- (74) **MIYOSHI, Hidekazu et al.** / etc.; Toranomon Kotohira Tower, 2-8, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01M 8/00

- (11) **WO 2005/029617** (13) A2
- (21) PCT/US2004/029905
- (22) **10 Sep/sep 2004 (10.09.2004)**
- (25) en (26) en
- (30) 10/661,093 **12 Sep/sep 2003 US (12.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SHUTDOWN METHODS AND DESIGNS FOR FUEL CELL STACKS  
• PROCEDES D'ARRET ET CONCEPTIONS POUR EMPILEMENTS DE PILES A COMBUSTIBLE
- (71) **BALLARD POWER SYSTEMS INC.** [CA/CA]; 4343 North Fraser Way, Burnaby, British Columbia V5J 5J9 (CA).  
(for all designated States except / pour tous les États désignés sauf US)
- (71) **BALLARD POWER SYSTEMS CORPORATION** [US/US]; 15001 Commerce Drive North, Dearborn, MI 48120 (US).  
(only for / seulement pour ZW)

- (72, 75) **HAAS, Herwig, R.** [DE/CA]; 130 - 2050 Scotia Street, Vancouver, British Columbia V5T 4T1 (CA). **STARTEK, Cara, N.** [CA/CA]; #4 - 1312 East 8th Avenue, Vancouver, British Columbia V5N 1T2 (CA). **SEXSMITH, Michael, P.** [CA/CA]; 3677 Baird Road, North Vancouver, British Columbia V7K 2H3 (CA). **DESOUZA, Andrew, J.** [CA/CA]; 7916 118th Street, Delta, British Columbia V4C 6H1 (CA). **FONG, Kelvin, K.** [CA/CA]; 1505 Willingdon Avenue, Burnaby, British Columbia V5C 5H8 (CA).

- (74) **HERMANN, Karl, R. et al.** / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01M 8/00

- (11) **WO 2005/029618** (13) A2
- (21) PCT/US2004/030594
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) en (26) en
- (30) 60/504,285 **17 Sep/sep 2003 US (17.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ELECTROCHEMICAL DEVICES AND COMPONENTS THEREOF  
• DISPOSITIFS ELECTROCHIMIQUES ET COMPOSANTS DE CEUX-CI
- (71) **TIAX LLC** [US/US]; 15 Acorn Park, Cambridge, MA 02140 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SRIRAMULU, Suresh** [IN/US]; 7 Academy Street, Arlington, MA 02676 (US). **SINGH, Anant** [US/US]; 6 Hallmark Garden, Apt.#11, Burlington, MA 01803 (US). **THIJSEN, Johannes, H.** [NL/US]; 4910 163rd Avenue NE, Redmond, WA 98052 (US). **CARLSON, Eric** [US/US]; 8 Harvard Drive, Sudbury, MA 01776 (US).

- (74) **DOMINGO, Elias**; Lowrie, Lando & Anastasi, One Main Street, Cambridge, MA 02142 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01M 8/00, 8/10, 2/00, 2/08

- (11) **WO 2005/029619** (13) A1
- (21) PCT/US2004/030793
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) en (26) en
- (30) 60/504,448 **19 Sep/sep 2003 US (19.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHODS AND APPARATUS FOR BREATH ALCOHOL TESTING  
• PROCEDES ET APPAREIL D'ETHYLOSOCPIE
- (71) **INTOXIMETERS, INC.** [US/US]; 8110 Lackland Road, St. Louis, MO 63114 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (71) **ALCOTEK, INC.** [US/US]; 150 Hanley Industrial Court, Brentwood, MO 63144 (US).  
(only for / seulement pour US)

- (72, 75) **BAYER, David, J.** [US/US]; 7345 Bruno Avenue, Richmond Heights, MO 63117 (US). **FORRESTER, Rankine, M.** [US/US]; 35 Glen Eagles Drive, St. Louis, MO 63124 (US).

- (74) **BEULICK, John, S. et al.** / etc.; Armstrong Teasdale, LLP, One Metropolitan Square, Suite 2600, St. Louis, MO 63102 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

- CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- (51)<sup>7</sup> H01M 8/02, 8/10  
(11) WO 2005/029620 (13) A1  
(21) PCT/EP2004/010501  
(22) 18 Sep/sep 2004 (18.09.2004)  
(25) en (26) en  
(30) 03021349.0 20 Sep/sep 2003 EP  
(20.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • CATALYST-COATED MEMBRANE WITH INTEGRATED SEALING MATERIAL AND MEMBRANE-ELECTRODE ASSEMBLY PRODUCED THEREFROM  
• MEMBRANE REVETUE DE CATALYSEUR A MATERIAU D'ETANCHEITE INTEGRE ET ENSEMBLE MEMBRANE/ELECTRODE PRODUIT  
(71) UMICORE AG & CO KG [DE/DE]; Rodenbacher Chaussee 4, 63457 Hanau-Wolfgang (DE).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) OSCHMANN, Heiko [DE/DE]; Wilhelm-Leuschner-Strasse 11, 61169 Friedberg (DE).  
(74) STARZ, Karl, A.; Umicore AG & Co KG, Patente, Postfach 1351, 63403 Hanau-Wolfgang (DE).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)  
Declarations / Déclarations :  
(r) for all designations / pour toutes les désignations  
(s) for all designations / pour toutes les désignations  
(u) for / pour US only / seulement
- (51)<sup>7</sup> H01M 8/02, 4/86  
(11) WO 2005/029621 (13) A1  
(21) PCT/FR2004/050349  
(22) 21 Jul/juil 2004 (21.07.2004)  
(25) fr (26) fr  
(30) 03/50574 19 Sep/sep 2003 FR  
(19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • FUEL CELL STRUCTURE  
• STRUCTURE DE PILE A COMBUSTIBLE  
(71) L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET

- L'EXPLOITATION DES PROCEDES GEORGES CLAUDE [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) CLAUDE, Eric [FR/FR]; 35, rue du Maréchal Joffre, F-38600 Fontaine (FR).  
(74) LE MOENNER, Gabriel; L'Air Liquide S.A., Direction Propriété Intellectuelle, 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> H01M 8/02, 8/04, B60H 1/00  
(11) WO 2005/029622 (13) A2  
(21) PCT/JP2004/012031  
(22) 16 Aug/août 2004 (16.08.2004)  
(25) en (26) en  
(30) 2003-328645 19 Sep/sep 2003 JP  
(19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • FUEL CELL POWER PLANT  
• CENTRALE A PILE A COMBUSTIBLE  
(71) NISSAN MOTOR CO., LTD. [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2210023 (JP).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) OMA, Atsushi [JP/JP]; 1-43-20, Oooka, Minami-ku, Yokohama-shi, Kanagawa, 2320061 (JP).  
(74) GOTO, Masaki; Shoyu-Kaikan 3-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo, 1000013 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01M 8/02  
(11) WO 2005/029623 (13) A2  
(21) PCT/JP2004/012231  
(22) 19 Aug/août 2004 (19.08.2004)

- (25) en (26) en  
(30) 2003-330633 22 Sep/sep 2003 JP  
(22.09.2003)  
(30) 2004-162988 1 Jun/juin 2004 JP  
(01.06.2004)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • SEPARATOR FOR FUEL CELL, FUEL CELL STACK, METHOD FOR MANUFACTURING SEPARATOR FOR FUEL CELL, AND FUEL CELL VEHICLE  
• SEPARATEUR POUR PILE A COMBUSTIBLE, BATTERIE DE PILES A COMBUSTIBLE, PROCEDE DE FABRICATION DE CE SEPARATEUR, ET AUTOMOBILE A PILE A COMBUSTIBLE  
(71) NISSAN MOTOR CO., LTD. [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 2210023 (JP).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) CHIBA, Nobutaka [JP/JP] OTANI, Keizo [JP/JP] OOE, Shinji [JP/JP] KANO, Makoto [JP/JP]  
(74) MIYOSHI, Hidekazu et al. / etc.; Toranomon Kotohira Tower, 2-8, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01M 8/02, 4/88, C08F 16/30, H01M 8/10, 4/86  
(11) WO 2005/029624 (13) A1  
(21) PCT/JP2004/013675  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) ja (26) ja  
(30) 2003-324541 17 Sep/sep 2003 JP  
(17.09.2003)  
(30) 2003-340213 30 Sep/sep 2003 JP  
(30.09.2003)  
(30) 2003-357604 17 Oct/oct 2003 JP  
(17.10.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • MEMBRANE-ELECTRODE ASSEMBLY FOR SOLID POLYMER FUEL CELL  
• ENSEMBLE ELECTRODE-MEMBRANE POUR PILE A COMBUSTIBLE POLYMERE SOLIDE  
(71) ASAHI KASEI KABUSHIKI KAISHA [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 5308205 (JP).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) HOSHI, Nobuto [JP/JP]; Rejidensu Fuji A-403, 88-3, Kawanarijima, Fuji-shi, Shizuoka 4160939 (JP). UEMATSU,

- Nobuyuki** [JP/JP]; Nishiapato 823, 100, Kawanarijima, Fuji-shi, Shizuoka 4160939 (JP). **SAITO, Hideo** [JP/JP]; K Gurashia 1A, 17-31, Motocho, Fuji-shi, Shizuoka 4160917 (JP). **HATTORI, Makiko** [JP/JP]; 2-1-16-202, Yokowari, Fuji-shi, Shizuoka 4160944 (JP). **AOYAGI, Takeshi** [JP/JP]; 2-11-16-404, Kunikubo, Fuji-shi, Shizuoka 4170071 (JP). **IKEDA, Masanori** [JP/JP]; 356-91, Obuchi, Fuji-shi, Shizuoka 4170801 (JP).
- (74) **ASAMURA, Kiyoshi** et al. / etc.; Room 331, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 1000004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01M 8/04**
- (11) **WO 2005/029625** (13) A2
- (21) PCT/US2004/029505
- (22) **9 Sep/sep 2004 (09.09.2004)**
- (25) en (26) en
- (30) 10/664,822 **16 Sep/sep 2003** US (16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ENHANCED FUEL DELIVERY FOR DIRECT METHANOL FUEL CELLS  
• DISTRIBUTION DE COMBUSTIBLE AMELIOREE POUR PILES A METHANOL DIRECT
- (63) US 10/664,822 (CON) 16 Sep/sep 2003 (16.09.2003)
- (71) **THE GILLETTE COMPANY** [US/US]; Prudential Tower Building, Boston, MA 02199 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DRAKE, Javit, A.** [US/US]; 23 Walnut Street, Apt. 4, Waltham, MA 02453 (US). **GILICINSKI, Andrew, G.** [US/US]; 10 Reed Avenue, Westborough, MA 01581 (US). **GUAY, Gordon, G.** [US/US]; 18 Regina Drive, Chelmsford, MA 01824 (US). **PINNELL, Leslie, J.** [US/US]; 602 Potter Road, Framingham, MA 01701 (US).
- (74) **GALLOWAY, Peter, D.** et al. / etc.; Ladas & Parry LLP, 26 West 61st Street, New York, NY 10023 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01M 8/04, 16/00, C09K 5/12**
- (11) **WO 2005/029626** (13) A2
- (21) PCT/US2004/030214
- (22) **15 Sep/sep 2004 (15.09.2004)**
- (25) en (26) en
- (30) 10/662,561 **15 Sep/sep 2003** US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • INTEGRATED PLATFORM AND FUEL CELL COOLING  
• REFROIDISSEMENT INTEGRE DE PLATE-FORME ET DE PILE A COMBUSTIBLE
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72) **ROCKE, Michael**; 1060 Lakeview Court, Argyle, TX 76226 (US). **POKHARNA, Himanshu**; 439 Camille Circle, #13, San Jose, CA 95134 (US). **DISTEFANO, Eric**; 1535 Frankfurt Way, Livermore, CA 94550 (US).  
(only for / seulement pour US)
- (74) **LEMOINE, Dana, B.** et al. / etc.; Lemoine Patent Services, PLLC, c/o Portfolio IP, P.O. Box 52050, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **H01M 8/10, 2/00, 2/02, 4/86, 4/90, 4/96**
- (11) **WO 2005/029628** (13) A1
- (21) PCT/US2003/026610
- (22) **25 Aug/août 2003 (25.08.2003)**
- (25) en (26) en
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PLATINUM-FREE FUEL CELL  
• PILE A COMBUSTIBLE SANS PLATINE
- (71, 72) **OLSON, Birger, H.** [US/US]; 635 S. Plum Lane, Northport, MI 49670 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **H01M 8/12, 8/06, C01B 3/38**
- (11) **WO 2005/029629** (13) A2
- (21) PCT/EP2004/052306
- (22) **24 Sep/sep 2004 (24.09.2004)**
- (25) en (26) en
- (71) **BALLARD POWER SYSTEMS INC.** [CA/CA]; 4343 North Fraser Way, Burnaby, British Columbia V5J 5J9 (CA).



(30) 03256030.2 **25 Sep/sep 2003** EP  
(**25.09.2003**)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SOLID OXIDE FUEL CELL-BASED  
AUXILIARY POWER UNIT

- UNITE D DE PUISSANCE AUXILIAIRE  
A BASE DE PILE A COMBUSTIBLE A  
OXYDE SOLIDE

(71) SHELL INTERNATIONALE RE-  
SEARCH MAATSCHAPPIJ B.V.  
[NL/NL]; Carel van Bylandtlaan 30, NL-2596  
HR The Hague (NL).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BUGLASS, John Graham [GB/NL];  
Badhuisweg 3, NL-1031 CM Amster-  
dam (NL). GOES, Marinus Franciscus  
[NL/NL]; Badhuisweg 3, NL-1031 CM Am-  
sterdam (NL). SCHOONEBEEK, Ronald  
Jan [NL/NL]; Badhuisweg 3, NL-1031 CM  
Amsterdam (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H01M 8/24, 8/02

(11) WO 2005/029630 (13) A1

(21) PCT/EP2003/010589

(22) 23 Sep/sep 2003 (23.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTROLYTE MIGRATION CON-  
TROL FOR LARGE AREA MCFC  
STACKS

- COMMANDE DE LA MIGRATION  
D'UN ELECTROLYTE POUR DES  
PILES A CARBONATE FONDU (MCFC)  
SUR GRANDES SURFACES

(71) ANSALDO FUEL CELLS S.P.A. [IT/IT];  
Corso Perrone 25, I-16152 Genova (IT).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) PASSALACQUA, Biagio [IT/IT]; Via  
Figari, 137, I-16030 Camogli (IT).

(74) GERVASI, Gemma; Notarbartolo & Ger-  
vasi GmbH, Bavariaring 21, 80336 Munich  
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ  
VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> H01M 10/40

(11) WO 2005/029631 (13) A1

(21) PCT/JP2004/013687

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-324100 **17 Sep/sep 2003** JP  
(**17.09.2003**)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NONAQUEOUS ELECTROLYTE SO-  
LUTION AND LITHIUM SECONDARY  
BATTERY USING SAME

- SOLUTION ELECTROLYTIQUE NON  
AQUEUSE POUR BATTERIE SECON-  
DAIRE AU LITHIUM

(71) UBE INDUSTRIES, LTD. [JP/JP];  
1978-96, O-Aza Kogushi, Ube-shi, Yam-  
aguchi, 7558633 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) ABE, Koji [JP/JP]; c/o Ube Chemical  
Factory, Ube Industries, Ltd. 1978-10, O-Aza  
Kogushi, Ube-shi, Yamaguchi, 7558633  
(JP). KUWATA, Takaaki [JP/JP]; c/o Ube  
Chemical Factory, Ube Industries, Ltd.  
1978-10, O-Aza Kogushi, Ube-shi, Yam-  
aguchi, 7558633 (JP).

(74) YANAGAWA, Yasuo; Mitsuya-Yotsuya  
Building 8th Floor 2-14, Yotsuya, Shin-  
juku-ku, Tokyo, 1600004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> H01M 10/40

(11) WO 2005/029632 (13) A1

(21) PCT/KR2004/002399

(22) 20 Sep/sep 2004 (20.09.2004)

(25) ko (26) en

(30) 10-2003-0065169 **19 Sep/sep 2003** KR  
(**19.09.2003**)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NONAQUEOUS LITHIUM SEC-  
ONDARY BATTERY WITH CYCLA-  
BILITY AND/OR HIGH TEMPERA-  
TURE SAFETY IMPROVED

- BATTERIE SECONDAIRE AU LI-  
THIUM A ELECTROLYTE NON

AQUEUX DOTEE DE CARACTE-  
RISTIQUES AMELIOREES DE DUREE  
DE CYCLE ET/OU DE SECURITE A  
HAUTE TEMPERATURE

(71) LG CHEM, LTD. [KR/KR]; LG Twin  
Tower 20, Yoido-dong, Youngdungpo-gu,  
Seoul 150-721 (KR).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) RYU, Duk-Hyun [KR/KR]; 108-25,  
Doma2-dong, Seo-gu, Daejeon 302-162  
(KR). LEE, Jae-Hyun [KR/KR]; 109-1805,  
Cheonggu narae Apartment, Jeonmin-dong,  
Yuseong-gu, Daejeon 305-729 (KR).  
JEONG, Jun-Yong [KR/KR]; 107-408,  
Hanbat Garden Apartment, Sansung-dong,  
Chung-gu, Daejeon 301-211 (KR). YEON,  
Jin-Hee [KR/KR]; 7-107, LG Chemi-  
cal Apartment, 381-42, Doryong-dong,  
Yuseong-gu, Daejeon 305-340 (KR). JANG,  
Min-Chul [KR/KR]; 305-1503, Song-  
gang Green Apartment, Songgang-dong,  
Yuseong-gu, Daejeon 305-751 (KR). KOO,  
Chang-Wan [KR/KR]; 202, 210-24, Shin-  
sung-dong, Yuseong-gu, Daejeon 305-345  
(KR). SHIN, Sun-Sik [KR/KR]; 128-1101,  
Hanbit Apartment, Eoeun-dong, Yuseong-gu,  
Daejeon 305-755 (KR). KU, Cha-Hun  
[KR/KR]; 110-406, Samsung Hanwood  
Apartment, Shinsung-dong, Yuseong-gu,  
Daejeon 305-707 (KR). LEE, Han-Ho  
[KR/KR]; 103-204, Hyundai Apartment, Do-  
ryong-dong, Yuseong-gu, Daejeon 305-340  
(KR).

(74) KIM, Seong-Ki; 14F., Kukdong Building,  
60-1, Chungmuro3-ka, Chung-ku, Seoul  
100-705 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OMPG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H01P 1/203, H01Q 1/36

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(22) 22 Sep/sep 2004 (22.09.2004)

(25) es (26) es

(30) P-200302282 **25 Sep/sep 2003** ES  
(**25.09.2003**)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FILTERS AND ANTENNAS FOR  
MICROWAVES AND MILLIMETRE  
WAVES, BASED ON OPEN-LOOP  
RESONATORS AND PLANAR TRANSMISSION LINES

- FILTRES ET ANTENNES A MI-  
CRO-ONDES ET ONDES MILLIME-  
TRIQUES COMPRENANT DES RESO-  
NATEURS A ANNEAUX OUVERTS  
ET DES LIGNES DE TRANSMISSION  
PLANAIRE

(71) **UNIVERSITAT AUTONOMA DE BARCELONA** [ES/ES]; E-08193 BELLATERRA (ES). **UNIVERSIDAD PUBLICA DE NAVARRA** [ES/ES]; Edificio el Sario, Campus Arrosadia, s/n, E-31006 PAMPLONA (ES). **UNIVERSIDAD DE SEVILLA** [ES/ES]; Valparaiso, 5, 1°, E-SEVILLA 41013 (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTÍN ANTOLÍN, Juan Fernando** [ES/ES]; UNIVERSITAT AUTONOMA DE BARCELONA, Edifici A, Campus Universitari s/n, E-08193 BELLATERRA (ES). **BONACHE ALBACETE, Jorge** [ES/ES]; UNIVERSITAT AUTONOMA DE BARCELONA, Edifici A, Campus Universitari s/n, E-08193 BELLATERRA (ES). **MARQUÉS SILLERO, Ricardo** [ES/ES]; UNIVERSIDAD DE SEVILLA, Valparaiso, 5, 1°, E-41013 Sevilla (ES). **BAENA DOELLO, Juan Domingo** [ES/ES]; UNIVERSIDAD DE SEVILLA, Valparaiso, 5, 1°, E-41013 Sevilla (ES). **MARTEL VILLAGRÁN, Jesús** [ES/ES]; UNIVERSIDAD DE SEVILLA, Valparaiso, 5, 1°, E-41013 Sevilla (ES). **MEDINA MENA, Francisco** [ES/ES]; UNIVERSIDAD DE SEVILLA, Valparaiso, 5, 1°, E-41013 Sevilla (ES). **FALCONE LANAS, Francisco** [ES/ES]; UNIVERSIDAD PUBLICA DE NAVARRA, Edificio el Sario, Campus Arrosadia, s/n, E-31006 Pamplona (ES). **LOPETEGUI BEREAGAÑA, José Maria** [ES/ES]; UNIVERSIDAD PUBLICA DE NAVARRA, Edificio el Sario, Campus Arrosadia, s/n, E-31006 Pamplona (ES). **BERUETE DIAZ, Miguel** [ES/ES]; UNIVERSIDAD PUBLICA DE NAVARRA, Edificio el Sario, Campus Arrosadia, s/n, E-31006 Pamplona (ES). **SOROLLA AYZA, Mario** [ES/ES]; UNIVERSIDAD PUBLICA DE NAVARRA, Edificio el Sario, Campus Arrosadia, s/n, E-31006 Pamplona (ES).

(74) **PONTI SALES, Adelaida et al.** / etc.; OFICINA PONTI, S.L., C. de Consell de Cent 322, E-08007 Barcelona (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)<sup>7</sup> H01Q

(11) WO 2005/029634 (13) A2

(21) PCT/IL2004/000876

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 60/503,879 22 Sep/sep 2003 US (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DIELECTRIC LOADING OF DISTRIBUTED PRINTED CIRCUITS  
• CHARGEMENT DIRECT DE CIRCUITS IMPRIMES REPARTIS

(71) **VISHAY ADVANCED TECHNOLOGIES LTD.** [IL/IL]; 1C Yoni Netanyahu St., 60376 Or Yehuda (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GAZIT, Meir** [IL/IL]; Gideon Ben Yoash 37/10, 78618 Ashkelon (IL). **ALON, Danny** [IL/IL]; Eshkol 5/1, 45343 Hod Hasharon (IL).

(74) **FRIEDMAN, Mark**; 7 Jabotinsky St., 52520 Ramat Gan (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01Q

(11) WO 2005/029635 (13) A2

(21) PCT/IL2004/000896

(22) 26 Sep/sep 2004 (26.09.2004)

(25) en (26) en

(30) 60/506,110 25 Sep/sep 2003 US (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ANTENNA WITH ADJOINING REACTIVE SURFACE  
• ANTENNE A SURFACE D'INDUCTION ADJACENTE

(63) US 10/416,436 (CIP) 9 May/mai 2003 (09.05.2003)

(71) **XELLANT INC.** [US/US]; c/o Kornish Lieb Weiner & Hellman LLP, 114 Avenue of the Americas, New York, New York 10036-7798 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEINBERG, Ben Zion** [IL/IL]; 16 Har Carcom Street, 44309 Kfar Saba (IL). **SHAHADI, Avraham** [IL/IL]; 12 Shderot Hayeled, 52444 Ramat Gan (IL). **KASTNER, Rafael** [IL/IL]; 9 Zamir Street, 45350 Hod Hasharon (IL).

(74) **SANFORD T. COLB & CO.** et al. / etc.; P.O. Box 2273, 76122 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01Q

(11) WO 2005/029636 (13) A2

(21) PCT/US2004/024271

(22) 28 Jul/juil 2004 (28.07.2004)

(25) en (26) en

(30) 10/633,929 4 Aug/août 2003 US (04.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PHASED ARRAY ANTENNA ABSORBER AND ASSOCIATED METHODS

- ABSORBEUR D'ANTENNE A RESEAU A ELEMENTS EN PHASE ET PROCEDES ASSOCIES

(71) HARRIS CORPORATION [US/US]; 1025 West Nasa Blvd., Melbourne, FL 32919 (US).

(72) DURHAM, Timothy, E.; 170 Dickinson Street NE, Palm Bay, FL 32907 (US). BROWN, Stephen, B.; 2025 Advana Street, Palm Bay, FL 32905 (US). GOTHARD, Griffin, K.; 309 Harwood Avenue, Satellite Beach, FL 32937 (US).

(74) YATSKO, Michael, S. et al. / etc.; Harris Corporation, 1025 W. Nasa Blvd., Melbourne, FL 32919 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01Q

(11) WO 2005/029637 (13) A2

(21) PCT/US2004/030146

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/663,957 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • OMNIDIRECTIONAL ANTENNA FOR WIRELESS COMMUNICATION WITH IMPLANTED MEDICAL DEVICES

- ANTENNE OMNIDIRECTIONNELLE POUR COMMUNICATION SANS FIL AVEC DES DISPOSITIFS MEDICAUX IMPLANTES

(71) KENERGY, INC. [US/US]; 2130 West Columbia Drive, Mequon, WI 53092 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DENKER, Stephen [US/US]; 2130 West Columbia Drive, Mequon, WI 53092 (US). BEUTLER, Arthur, J. [US/US]; 5890 Fleming Court, Greendale, WI 53129 (US).

(74) HAAS, George, E.; Quarles & Brady LLP, 411 E. Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01Q 1/24

(11) WO 2005/029638 (13) A1

(21) PCT/JP2004/013878

(22) 15 Sep/sep 2004 (15.09.2004)

(25) ja (26) ja

(30) 2003-326689 18 Sep/sep 2003 JP (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MOBILE COMMUNICATION TERMINAL

- TERMINAL DE COMMUNICATIONS MOBILE

(71) SONY ERICSSON MOBILE COMMUNICATIONS JAPAN, INC. [JP/JP]; 1-8-15, Konan, Minato-ku, Tokyo 108-0075 (JP).

(72) KOZAKAI, Osamu; c/o Sony Ericsson Mobile, Communications Japan, Inc., 1-8-15, Konan, Minato-ku, Tokyo 108-0075 (JP). SAWAMURA, Masatoshi; c/o Sony Ericsson Mobile, Communications Japan, Inc., 1-8-15, Konan, Minato-ku, Tokyo 108-0075 (JP). SHOJI, Hideaki; c/o Sony Ericsson Mobile, Communications Japan, Inc., 1-8-15, Konan, Minato-ku, Tokyo 108-0075 (JP). MATSUMOTO, Hiroyuki; c/o Sony Ericsson Mobile, Communications Japan, Inc., 1-8-15, Konan, Minato-ku, Tokyo 108-0075 (JP).

(74) TSUNODA, Yoshisue et al. / etc.; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01Q 1/32, 7/08, 1/22

(11) WO 2005/029639 (13) A1

(21) PCT/JP2004/013995

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 2003-329695 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ANTENNA APPARATUS COMPRISING A MAGNETIC CORE

- APPAREIL A ANTENNE COMPRENANT UN NOYAU MAGNETIQUE

(71) ALPHA CORPORATION [JP/JP]; 6-8, Fukuura 1-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 2360004 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAMURA, Syuuji [JP/JP]GOTOU, Kazuhiko [JP/JP]MINEMURA, Ryuuji [JP/JP]MIZUSHIMA, Kenji [JP/JP]

(74) MIYOSHI, Hidekazu et al. / etc.; Toranomon Daiichi Building, 9th Floor, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01Q 1/38, 1/42

(11) WO 2005/029640 (13) A1

(21) PCT/US2004/029938

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 60/502,507 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI PIECE PUZZLE-LOCK ANTENNA USING FLEX FILM RADIATOR

- ANTENNE EN FILM A VERROUILLAGE PAR COMBINAISONS DE PIECES MULTIPLES UTILISANT UN RADIATEUR EN FILM SOUPLE

(71) CENTURION WIRELESS TECHNOLOGIES, INC. [US/US]; 3300 Folkways Blvd, Lincoln, NE 68504 (US).

(72, 75) MURRAY, Thomas [US/US]; 2845 Manse Avenue, Lincoln, NE 68502 (US). SONG, Yingdong [US/US]; 6101 South 43rd Street, Lincoln, NE 68516 (US). MAYER, Cheryl [US/US]; 7526 South 36th Street, Lincoln, NE 68516 (US). POTTER, Brian [US/US]; 300 South 45th Street, Lincoln, NE 68510 (US).

(74) KINNEAR, Brian; 555 17th Street, Suite 2700, Denver, CO 80202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 2 Sep/sep 2004 (02.09.2004)

(25) en (26) en

(30) 03124913.2 19 Sep/sep 2003 CN  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AN APPARATUS FOR CONTROLLING SPACING OF EACH ELEMENT IN AN ANTENNA ARRAY

• APPAREIL DESTINE A REGLER L'ECARTEMENT DE CHAQUE ELEMENT DANS UN RESEAU D'ANTENNES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DU, Yonggang [DE/CN]; Philips Electronics China 21/F Kerry, Office Building 218 Tian Mu Xi Road, Shanghai 200070 (CN). YUAN, Yun [CN/CN]; Philips Electronics China 21/F Kerry, Office Building 218 Tian Mu Xi Road, Shanghai 200070 (CN).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o HAQUE, Azir, Philips Electronics China, 21/F Kerry, Office Building, 218 Tian Mu Xi Lu Road, Shanghai 200070 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H01Q 5/01, 9/36

(11) WO 2005/029642 (13) A1

(21) PCT/JP2004/013762

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-330229 22 Sep/sep 2003 JP  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-FREQUENCY SHARED ANTENNA

• ANTENNE PARTAGEE MULTIFREQUENCE

(71) ANTEN Corporation [JP/JP]; 22-5, Sumiyoshicho 5-chome, Fuchu-shi, Tokyo 1830034 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEKIYA, Kazuo [JP/JP]; c/o ANTEN Corporation, 22-5, Sumiyoshicho 5-chome, Fuchu-shi, Tokyo 1830034 (JP). KITANO, Shinichiro [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP).

(74) SUZUKI, Hitoshi; NAKANO JM BLDG., 5th Floor, 28-1, Nakano 2-chome, Nakano-ku, Tokyo 1640001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01Q 13/08, H04B 7/185, H04L 12/56, 29/06

(11) WO 2005/029643 (13) A1

(21) PCT/DE2004/002117

(22) 16 Sep/sep 2004 (16.09.2004)

(25) de (26) de

(30) 103 43 907.2 19 Sep/sep 2003 DE  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ANTENNA DEVICE

• SYSTEME D'ANTENNE

(71) TELES AG INFORMATIONSTECHNOLOGIEN [DE/DE]; Dovestrasse 2-4, 10587 Berlin (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHINDLER, Sigrum [DE/DE]; Inselstrasse 24, 14129 Berlin (DE). HESSE, Jan [DE/DE]; Agricolastrasse 24, 10555 Berlin (DE).

(74) MÜLLER, Wolfram H.; Maikowski &amp; Ninnemann, Postfach 15 09 20, 10671 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H01R

(11) WO 2005/029644 (13) A2

(21) PCT/US2004/029826

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 60/503,007 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRICAL CONTACT AND CONNECTOR AND METHOD OF MANUFACTURE

• CONTACT ELECTRIQUE ET CONNCTEUR ET LEUR PROCEDE DE FABRICATION

(71, 72) LI, Che-Yu [US/US]; 112 Juniper Drive, Ithaca, NY 14850-6058 (US).

(74) APICELLI, Samuel, W. et al. / etc.; Duane Morris LLP, 305 North Front Street, P.O. Box 1003, Harrisburg, PA 17108-1003 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01R

(11) WO 2005/029645 (13) A2

(21) PCT/US2004/029936

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 60/503,007 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRICAL CONTACT AND CONNECTOR AND METHOD OF MANUFACTURE

• CONTACT ELECTRIQUE, CONNCTEUR ET PROCEDE DE FABRICATION

(71, 72) LI, Che-Yu [US/US]; 112 Juniper Drive, Ithaca, NY 14850-6058 (US).

(74) APICELLI, Samuel, W.; Duane Morris LLP, 305 North Front Street, P.O. Box 1003, Harrisburg, PA 17108-1003 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01R

(11) WO 2005/029646 (13) A2

(21) PCT/US2004/030537

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/503,455 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BATTERY CABLE WITH PROVISIONS FOR INTEGRAL CIRCUIT PROTECTION

• CABLE DE BATTERIE AVEC PROTECTION DE CIRCUIT INTEGREE

(71) MACK TRUCKS, INC. [US/US]; 2402 Lehigh Parkway South, Allentown, Pennsylvania 18105 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GROELLER, Charles, J. [US/US]; 7672 Longwood Drive, Orefield, Pennsylvania 18069 (US).

(74) REPPER, George, R. et al. / etc.; 1425 K Street, N.W., Suite 800, Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01R 12/18, 9/24

(11) WO 2005/029647 (13) A1

(21) PCT/EP2004/009002

(22) 12 Aug/août 2004 (12.08.2004)

(25) de (26) de

(30) 103 39 844.9 29 Aug/août 2003 DE (29.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DISTRIBUTION CONNECTING MODULE

• MODULE DE RACCORDEMENT DE DISTRIBUTION

(71) KRONE GMBH [DE/DE]; Beeskowdamm 3-11, 14167 Berlin (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BUSSE, Ralf, Dieter [DE/DE]; Humboldtstr. 6, 12625 Waldesruh (DE). STARK, Joachim [DE/DE]; Obstallee 9, 13593 Berlin (DE). KLEIN, Harald [DE/DE]; Stolzenfelsstrasse 20, 10318 Berlin (DE). NIJHUIS, Antony [DE/DE]; Am Beerenfeld 15, 64397 Modautal-Brandau (DE).

(74) KRONE GMBH; Abt. HRP, Beeskowdamm 3-11, 14167 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01R 13/03, 43/16

(11) WO 2005/029648 (13) A1

(21) PCT/EP2004/010458

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 03078003.5 22 Sep/sep 2003 EP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRICAL CONNECTOR OR ELECTRICAL TERMINAL, AND METAL SHEET OR STRIP FOR THE MANUFACTURE THEREOF

• CONNECTEUR OU BORNE ELECTRIQUE ET FEUILLE OU BANDE METALLIQUE POUR FABRIQUER CE CONNECTEUR OU CETTE BORNE

(71) TRIERER WALZWERK GMBH [DE/DE]; Bruchlstrasse 14/15, 54295 Trier (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOEHMER, Peter, Arthur [DE/DE]; Buchwiesenstrasse 29, 54313 Zemmer/Rodt (DE). STEINMANN, Hans, Günter [DE/DE]; Otto-Hahn-Strasse 18, 40591 Düsseldorf (DE).

(74) KRUIT, Jan; Corus Technology BV, P.O. Box 10000, NL-1970 CA IJmuiden (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01R 13/17, 13/17, 4/24, F21V 21/002

(11) WO 2005/029649 (13) A2

(21) PCT/FR2004/050428

(22) 13 Sep/sep 2004 (13.09.2004)

(25) fr (26) fr

(30) 03 11244 25 Sep/sep 2003 FR (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONNECTION DEVICE FOR ELECTRICAL CONDUCTOR PANELS  
• DISPOSITIF DE CONNEXION POUR PANNEAUX CONDUCTEURS D'ELECTRICITE

(71, 72) JOLLY, André-Jean [FR/FR]; 168 rue Saint Martin, F-75003 PARIS (FR).

(72, 75) JOLLY, Philippe [FR/FR]; 5 boulevard Pascal, F-85303 CHALLANS (FR).

(74) THEBAULT, Jean Louis; 111 Cours du Médoc, F-33300 BORDEAUX (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)<sup>7</sup> H01R 13/658

(11) WO 2005/029650 (13) A1

(21) PCT/JP2003/012091

(22) 22 Sep/sep 2003 (22.09.2003)

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRIC CONNECTOR  
• CONNECTEUR ELECTRIQUE

(71) HONDA TSUSHIN KOGYO CO., LTD. [JP/JP]; 6-18-12, Meguro-honcho, Meguro-ku, Tokyo 152-0002 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OHNISHI, Koji [JP/JP]; c/o Honda Tsushin Kogyo Co., Ltd., 6-18-12, Meguro-honcho, Meguro-ku, Tokyo 152-0002 (JP). MATSUE, Masahiko [JP/JP]; c/o Honda Tsushin Kogyo Co., Ltd., 6-18-12, Meguro-honcho, Meguro-ku, Tokyo 152-0002 (JP).

(74) SASAKI, Isao et al. / etc.; Sasaki, Kawamura & Associates, Toranomon Sangyo Bldg. 6F, 2-29, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM

- HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01R 13/713
- (11) WO 2005/029651 (13) A1
- (21) PCT/CN2003/001147
- (22) 30 Dec/déc 2003 (30.12.2003)
- (25) zh (26) zh
- (30) 03146890.X 22 Sep/sep 2003 CN (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ELECTRIC CONNECTION SOCKET  
• PRISE DE CONNEXION ELECTRIQUE
- (71, 72) SHAO, Zhicheng [CN/CN]; Yongheng Temperature-Control Equipment Plant, Jiangbei Industrial Estate, Zhuangtuo, Chencun Zhen, Shunde, Guangdong 528314 (CN).
- (74) CHINA SCIENCE PATENT & TRADE-MARK AGENT LTD; 15/F, Bldg. B, Tsinghua Tongfang Hi-Tech Plaza, No. 1, Wangzhuang Rd., Haidian District, Beijing 100083 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01R 33/05
- (11) WO 2005/029652 (13) A1
- (21) PCT/JP2004/012095
- (22) 24 Aug/août 2004 (24.08.2004)
- (25) ja (26) ja
- (30) 2003-326251 18 Sep/sep 2003 JP (18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LAMP SOCKET  
• DOUILLE
- (71) SATO SHOJI CORPORATION [JP/JP]; 1-13-10, Hacchobori, Chuo-ku, Tokyo 104-0032 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) RA, Ye Hwan [KR/KR]; 348-3, Wonjong-dong, Ohjong-gu, Bucheon-shi, Kyonggi-do 420851 (KR).
- (74) KAMEYA, Yoshiaki et al. / etc.; Hazuki International Yotsuya, Daichi Tomizawa Building, 3-1-3, Yotsuya, Shinjuku-ku, Tokyo 160-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01R 43/048
- (11) WO 2005/029653 (13) A1
- (21) PCT/FR2004/000631
- (22) 15 Mar/mar 2004 (15.03.2004)
- (25) fr (26) fr
- (30) 03/10011 19 Aug/août 2003 FR (19.08.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ELECTRIC CONTACT CRIMPING METHOD AND CONTACT OBTAINED ACCORDING TO SAID METHOD  
• PROCEDE DE SERTISSAGE DE CONTACT ELECTRIQUE ET CONTACT OBTENU PAR CE PROCEDE
- (71) FCI [FR/FR]; 145/147 rue Yves Le Coz, F-78000 Versailles (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) COURTIN, Thierry [FR/FR]; 26, rue François Rabelais, F-49122 le May Sur Evre (FR). ZINDINE, El Mostafa [FR/FR]; 36, rue Robert Desnos, F-72000 Le Mans (FR). FANTINI, Flavio [FR/FR]; 86, avenuedu Général de Gaulle, F-92800 Puteaux (FR).
- (74) THEBAULT, Jean-Louis; Cabinet Schmit Chretien Schihin SNC, 111, cours du Medoc, F-33300 Bordeaux (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(t) for the following designation / pour la désignation suivante : US  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> H01S
- (11) WO 2005/029654 (13) A2
- (21) PCT/US2004/030702
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/504,352 19 Sep/sep 2003 US (19.09.2003)
- (30) 10/677,092 30 Sep/sep 2003 US (30.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • INCREASING THERMAL CONDUCTIVITY OF HOST POLYMER USED WITH LASER ENGRAVING METHODS AND COMPOSITIONS  
• AUGMENTATION DE LA CONDUCTIVITE THERMIQUE DE POLYMERES HOTE UTILISE EN LIAISON AVEC DES PROCEDES ET DES COMPOSITIONS DE GRAVURE LASER
- (71) DIGIMARC CORPORATION [US/US]; 9405 SW Gemini Drive, Beaverton, OR 97008 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LABREC, Brian [US/US]; 81 Pleasant Street, North Oxford, MA 01537-1004 (US). JONES, Robert, L. [US/US]; 1 Coventry Lane, Andover, MA 01810 (US).
- (74) STEWART, Steven, W.; Digimarc Corporation, 9405 SW Gemini Drive, Beaverton, OR 97008 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01S
- (11) WO 2005/029655 (13) A2
- (21) PCT/US2004/030900
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) en (26) en
- (30) 60/504,299 18 Sep/sep 2003 US (18.09.2003)
- (30) 10/943,617 17 Sep/sep 2004 US (17.09.2004)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • EPITAXIAL MODE-CONFINED VERTICAL CAVITY SURFACE EMITTING LASER (VCSEL) AND METHOD OF MANUFACTURING SAME  
• LASER A CAVITE VERTICALE EMETTANT PAR LA SURFACE (VCSEL) CONFINE EN MODE EPITAXIAL ET PROCEDE DE PRODUCTION ASSOCIE
- (71) NANOSOURCE INC. [US/US]; 7708 Seebert Court, Cupertino, CA 95014 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEPPE, Dennis, G.** [US/US]; 9326 Knoll Crest Loop, Austin, TX 78759 (US).

(74) **GOTTLIEB, Kirk, A.** et al. / etc.; Morgan Lewis & Bockius LLP, 2 Palo Alto Square, 3000 El Camino Real, Suite 700, Palo Alto, CA 94306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01S 3/06, 3/042, 3/094

(11) WO 2005/029656 (13) A1

(21) PCT/US2004/029723

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/662,023 12 Sep/sep 2003 US (12.09.2003)

(30) 10/862,887 7 Jun/juin 2004 US (07.06.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SIDE-PUMPED SOLID-STATE DISK LASER FOR HIGH-AVERAGE POWER  
• LASER A DISQUE A CIRCUITS INTEGRÉS A POMPAGE LATÉRAL POUR PUISSANCE MOYENNE ÉLEVÉE

(71) **THE BOEING COMPANY** [US/US]; 100 N. Riverside Plaza, Chicago, IL 60606 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VETROVEC, Jan** [—/US]; 2583 Rikkard Drive, Thousand Oaks, CA 91362 (US).

(74) **GUDMESTAD, Terje** et al. / etc.; The Boeing Company, 15460 Laguna Canyon Road, MC 1650-7006, Irvine, CA 92618 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01S 3/104

(11) WO 2005/029657 (13) A1

(21) PCT/JP2004/013772

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-328860 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SOLAR CELL MODULE AND ITS ELEMENT

• MODULE PILE SOLAIRE ET ÉLÉMENTS CONSTITUANTS

(71) **THE FURUKAWA ELECTRIC CO., LTD.** [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP). **National Institute of Advanced Industrial Science and Technology** [JP/JP]; 1-1-1, Azuma, Tsukuba-shi, Ibaraki 305-0046 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKAMURA, Toshihiro** [JP/JP]; c/o The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP). **KOAIKAWA, Hisashi** [JP/JP]; c/o The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP). **KURASEKO, Hiroshi** [JP/JP]; c/o The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP). **KONDO, Michio** [JP/JP]; 1-1-1, Azuma, Tsukuba-shi, Ibaraki 305-0046 (JP). **SUZUKI, Kenkichi** [JP/JP]; 1-1-1, Azuma, Tsukuba-shi, Ibaraki 305-0046 (JP).

(74) **KAWAWA, Takaho**; Mita-Maruhachi Bldg. 7F 1-10, Mita 3-chome, Minato-ku, Tokyo 108-0073 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H01S 5/022

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(21) PCT/JP2004/013111

(22) 9 Sep/sep 2004 (09.09.2004)

(25) ja (26) ja

(30) 2003-329318 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND DEVICE FOR INSTALLING LIGHT EMITTING ELEMENT

• PROCÉDE ET DISPOSITIF DE MONTAGE D'UN ÉLÉMENT ÉMETTEUR DE LUMIÈRE

(71) **MURATA MANUFACTURING CO., LTD.** [JP/JP]; 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto 617-8555 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUKUNAGA, Shigeki** [JP/JP]; c/o Murata Manufacturing Co., Ltd., 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto 617-8555 (JP).

(74) **TSUTSUI, Hidetaka**; Tamura Building, 2-5, Omiya-cho 7-chome, Nara-shi Nara, 6308115 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02B 1/01

(11) WO 2005/029659 (13) A1

(21) PCT/EP2004/009519

(22) 26 Aug/août 2004 (26.08.2004)

(25) de (26) de

(30) 103 42 546.2 12 Sep/sep 2003 DE (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SWITCH CABINET FOR LOW VOLTAGE SYSTEMS

• ARMOIRE DE COMMANDE POUR INSTALLATIONS DE COMMUTATION BASSE TENSION

(71) **ABB PATENT GMBH** [DE/DE]; Wallstadter Strasse 59, 68526 Ladenburg (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHAAF, Harry** [DE/DE]; Panoramaweg 2, 77836 Rheinfelden (DE). **AT-MACA, Mustafa** [DE/DE]; Medicusstrasse 12, 77839 Lichtenau (DE).

(74) **MILLER, Toivo** et al. / etc.; ABB Patent GmbH, Wallstadter Strasse 59, 68526 Ladenburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2005/029660 (13) A1

(21) PCT/JP2004/013781

(22) 22 Sep/sep 2004 (22.09.2004)

- (25) ja (26) ja
- (30) 2003-331883 **24 Sep/sep 2003** JP  
(24.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ARC MONITORING SYSTEM  
• SYTEME DE CONTROLE D'ARC
- (71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 1008310 (JP). CHUBU ELECTRIC POWER CO., INC. [JP/JP]; 1, Higashishin-cho, Higashi-ku, Nagoya-shi, Aichi 4618680 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OGUCHI, Yoshihisa [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 1008310 (JP). SHIMBO, Kenichi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 1008310 (JP). SUZUKI, Atsushi [JP/JP]; c/o Chubu Electric Power Co., Inc., 1, Higashishin-cho, Higashi-ku, Nagoya-shi, Aichi 4618680 (JP). KUMAI, Toshiya [JP/JP]; c/o Chubu Electric Power Co., Inc., 1, Higashishin-cho, Higashi-ku, Nagoya-shi, Aichi 4618680 (JP). SAITOU, Hisaya [JP/JP]; c/o Chubu Electric Power Co., Inc., Okazaki Branch, 7, Daidohigashi, Aza, Tosaki-cho, Okazaki-shi, Aichi 4440840 (JP).
- (74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H02G 1/06, F16B 2/04, G02B 6/00
- (11) WO 2005/029661 (13) A1
- (21) PCT/JP2004/013640
- (22) 17 Sep/sep 2004 (17.09.2004)
- (25) ja (26) ja
- (30) 2003-325790 **18 Sep/sep 2003** JP  
(18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LONG-SIZED ARTICLE LOOSENESS PREVENTIVE MEMBER, LOOSENESS PREVENTIVE MEMBER ATTACHING DEVICE, AND ATTACHING METHOD THEREFOR  
• ELEMENT DE PREVENTION DU DESSERREMENT D'UN ARTICLE LONG, DISPOSITIF DE FIXATION D'ELEMENT DE PREVENTION DE DESSERREMENT ET PROCEDE DE FIXATION
- (71) SANKI ENGINEERING CO., LTD. [JP/JP]; 4-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo, 1008484 (JP). ASHIMORI
- INDUSTRY CO., LTD. [JP/JP]; 10-18, Kitahorie 3-chome, Nishi-ku, Osaka-shi, Osaka, 5500014 (JP). ASHIMORI ENGINEERING CO., LTD. [JP/JP]; 3-16, Nihonbashimurumachi 4-chome, Chuo-ku, Tokyo, 1030022 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MAKI, Takehito [JP/JP]; 5-287-10, Sakaecho, Matsudo-shi, Chiba, 2710062 (JP). YAMAKAWA, Masaru [JP/JP]; 6-7-13, Shijimichoayama, Miki-shi, Hyogo, 6730521 (JP). TSUJI, Kiyomi [JP/JP]; 1-9-10, Zushi, Takatsuki-shi, Osaka, 5690036 (JP). ASOH, Koji [JP/JP]; 2-3-21, Matsuyama-cho, Yao-shi, Osaka, 5810088 (JP).
- (74) KUZUWA, Kiyoshi; Patent Attorneys, KUZUWA & PARTNERS, T & T Bldg., 8-21, Tomihisa-cho, Shinjuku-ku, Tokyo 162-0067 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H02G 9/04, 1/06, F16L 3/16
- (11) WO 2005/029662 (13) A1
- (21) PCT/JP2004/013426
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) ja (26) ja
- (30) 2003-327105 **19 Sep/sep 2003** JP  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CABLE TROUGH  
• CHEMIN DE CABLES
- (71) THE FURUKAWA ELECTRIC CO., LTD. [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008322 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FURUKAWA, Yu [JP/JP]; c/o THE FURUKAWA ELECTRIC CO., LTD., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008322 (JP). KISHI, Norio [JP/JP]; c/o THE FURUKAWA ELECTRIC CO., LTD., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008322 (JP).
- (74) NAGATO, Kanji; 5F, SKK Bldg., 8-1, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H02G 9/04, 1/06, F16L 3/16
- (11) WO 2005/029664 (13) A1
- (21) PCT/JP2004/013428
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) ja (26) ja
- (30) 2003-327030 **19 Sep/sep 2003** JP  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CABLE TROUGH DEVICE  
• DISPOSITIF A CHEMIN DE CABLES
- (71) THE FURUKAWA ELECTRIC CO., LTD. [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 100-8322 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FURUKAWA, Yu [JP/JP]; c/o THE FURUKAWA ELECTRIC CO., LTD., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008322 (JP).
- (74) NAGATO, Kanji; 5F, SKK Bldg., 8-1, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).



- 100-8322 (JP). **KISHI, Norio** [JP/JP]; c/o THE FURUKAWA ELECTRIC CO., LTD., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 100-8322 (JP).
- (74) **NAGATO, Kanji**; 5F, SKK Bldg., 8-1, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H02H**
- (11) **WO 2005/029665** (13) A2
- (21) PCT/US2004/030044
- (22) **14 Sep/sep 2004 (14.09.2004)**
- (25) en (26) en
- (30) 10/664,522 **17 Sep/sep 2003** US (17.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • APPARATUS FOR HIGH SURGE VOLTAGE PROTECTION
- APPAREIL POUR LA PROTECTION CONTRE LA TENSION TRANSITOIRE ELEVEE
- (71) **JOHN MEZZALINGUA ASSOCIATES, INC.** [US/US]; 6176 East Molloy Road, East Syracuse, New York 13057-0278 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHAWGO, Shawn M.** [US/US]; 212 Old Liverpool Road, Liverpool, NY 13088 (US).
- (74) **MULDOON, James R.**; Wall Marjama & Bilinski LLP, 101 South Salina Street, Suite 400, Syracuse, New York 13202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H02J**
- (11) **WO 2005/029667** (13) A2
- (21) PCT/US2004/026721
- (22) **16 Aug/août 2004 (16.08.2004)**
- (25) en (26) en
- (30) 60/495,499 **15 Aug/août 2003** US (15.08.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHODS, SYSTEMS AND APPARATUS FOR REGULATING FREQUENCY OF GENERATED POWER USING FLY-WHEEL ENERGY STORAGE SYSTEMS WITH VARYING LOAD AND/OR POWER GENERATION
- PROCEDES, SYSTEMES ET DISPOSITIF PERMETTANT DE REGULER LA FREQUENCE D'UNE PUISSANCE PRODUITE AU MOYEN DE SYSTEMES DE STOCKAGE D'ENERGIE PAR VOLANT D'INERTIE A CHARGE ET/OU A PUISSANCE VARIABLES
- (63) US 60/495,499 (CON) 15 Aug/août 2003 (15.08.2003)
- (71) **BEACON POWER CORPORATION** [US/US]; 234 Ballardvale Street, Wilmington, MA 01887 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CAPP, F., William** [US/US]; 2900 Thamas Avenue, Apt. 2311, Minneapolis, MN 55416 (US). **LAZAREWICZ, Matthew, L.** [US/US]; 35 Lawrence Road, Boxford, MA 01921 (US). **ARSENAUX, James, A.** [US/US]; 12 Meadow Lane, Westford, MA 01886 (US). **DRESENS, Paul** [US/US]; 155 Main Street, Wayland, MA 01778 (US). **ROJAS, Hernan, Alex** [US/US]; 1 Salem Street, Salem, NH 03079 (US).
- (74) **DALEY, William, J. et al. / etc.**; Edwards & Angell, LLP, 101 Federal Street, P.O. Box 55874, Boston, MA 02205-5874 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H02J**
- (11) **WO 2005/029668** (13) A2
- (21) PCT/US2004/029713
- (22) **10 Sep/sep 2004 (10.09.2004)**
- (25) en (26) en
- (30) 10/661,298 **12 Sep/sep 2003** US (12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • AUTOMATIC TRANSFER SWITCH AND PROTECTION DEVICE
- COMMUTATEUR DE TRANSFERT AUTOMATIQUE ET DISPOSITIF DE PROTECTION
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 41 Woodford Avenue, Plainville, CT 06062 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72) **SERRANO, Mark, Anthony**; 8630 S. Saginaw Avenue, Chicago, IL 60617 (US). **SCHLEMMER, Michael, J.**; 4 Bal-lun Court, Bolingbrook, IL 60440 (US). **FUDALA, Dariusz**; 8435 South, 77th Court, Bridgeview, IL 60455 (US). **TOBIN, Michael**; 92 Woodcreek Road, Burlington, CT 06013 (US).
- (74) **GREELEY, Paul, D.**; Ohlandt, Greeley, Ruggiero & Perle, LLP, 10th Floor, One Landmark Square, Stamford, CT 06901-2682 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02J 3/00

(11) WO 2005/029669 (13) A2

(21) PCT/US2004/026184

(22) 12 Aug/août 2004 (12.08.2004)

(25) en (26) en

(30) 10/640,091 13 Aug/août 2003 US (13.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ACTIVE FILTER FOR MULTI-PHASE AC POWER SYSTEM

- ACTIF POUR SYSTEME D'ALIMENTATION EN COURANT ALTERNATIF POLYPHASE

(71) HONEYWELL INTERNATIONAL, INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHENG, Louis [CA/CA]; 255 Fairglan Avenue, Scarborough, Ontario M1W 1A9 (CA). ZHAO, Qihua [CA/CA]; 7-180 Forum Drive, Mississauga, Ontario L4Z 3Y2 (CA).

(74) HOIRIIS, David et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02J 3/14, G05F 1/66

(11) WO 2005/029670 (13) A1

(21) PCT/EP2004/010639

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 0322278.3 23 Sep/sep 2003 GB (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • GRID STABILISING SYSTEM

- SYSTEME DE STABILISATION DE GRILLE

(71) RESPONSIVELOAD LTD. [GB/GB]; 70 Ditchling Road, Brighton, East Sussex BN1 4SG (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIRST, David [GB/GB]; 70 Ditchling Road, Brighton, East Sussex BN1 4SG (GB).

(74) FRANK B. DEHN & CO.; 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H02J 7/34, G01R 1/22

(11) WO 2005/029671 (13) A1

(21) PCT/DE2004/002032

(22) 9 Sep/sep 2004 (09.09.2004)

(25) de (26) de

(30) 103 42 719.8 16 Sep/sep 2003 DE (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRONIC CIRCUIT FOR PROVISION OF A SUPPLY VOLTAGE FOR AN ELECTRONIC USER

- CIRCUIT ELECTRONIQUE POUR L'ALIMENTATION EN TENSION D'UN CONSOMMATEUR ELECTRONIQUE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BUMEN, Werner [DE/DE]; Bachstr. 75, 73230 Kirchheim (DE). GERN, Christian [DE/DE]; Sophienstrasse 18, 73249 Wernau/N (DE). HAAGA, Gerhard [DE/DE]; Stahlackerweg 104, 73275 Ohmden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H02J 7/34

(11) WO 2005/029672 (13) A1

(21) PCT/US2004/030388

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/662,307 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HYBRID POWER SYSTEM AND METHOD

- SYSTEME D'ALIMENTATION HYBRIDE ET PROCEDE ASSOCIE

(71) INTEL CORPORATION (a Delaware Corporation) [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) ROCKE, Michael; 1060 Lakeview Court, Argyle, TX 76226 (US). NGUYEN, Don; 16960 NW Skyline Boulevard, Portland, OR 97231 (US).

(74) VINCENT, Lester, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H02J 7/35, H01M 10/44, 10/46

(11) WO 2005/029673 (13) A1

(21) PCT/NO2003/000322

(22) 24 Sep/sep 2003 (24.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PORTABLE POWER SUPPLY

- ALIMENTATION PORTABLE

(71) IDÉFIX AS [NO/NO]; Øvrevollvein 16, N-1358 Jar (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HANSEN, Erik, Bjørn [NO/NO]; Øvrevollvein 16, N-1358 Jar (NO). HOIJER, Paul [NL/NL]; Vivaldilaan 30, NL-5242 HD Rosmalen (NL). CHAN, David [US/US]; 19 Bond Street, Passaic, NJ 07055 (US).

(74) TANDBERGS PATENTKONTOR AS; Boks 7085 M, N-0306 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> H02J 9/00, 7/00, H01G 9/00, 2/04  
 (11) WO 2005/029674 (13) A1  
 (21) PCT/JP2004/013874  
 (22) 15 Sep/sep 2004 (15.09.2004)  
 (25) ja (26) ja  
 (30) 2003-325816 18 Sep/sep 2003 JP  
 (18.09.2003)  
 (30) 2003-325814 18 Sep/sep 2003 JP  
 (18.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • CAPACITOR UNIT  
 • UNITE DE CONDENSATEUR
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TAKEMOTO, Junji KAWASAKI, Shusaku INOUE, Tatehiko
- (74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H02K  
 (11) WO 2005/029676 (13) A2  
 (21) PCT/US2004/030312  
 (22) 15 Sep/sep 2004 (15.09.2004)  
 (25) en (26) en  
 (30) 60/503,510 15 Sep/sep 2003 US  
 (15.09.2003)  
 (30) 10/941,568 14 Sep/sep 2004 US  
 (14.09.2004)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • METHODS AND APPARATUSES FOR GENERATING ELECTRICAL POWER IN A ROTATING REFERENCE FRAME  
 • PROCEDES ET APPAREILS DESTINES A GENERER UNE PUISSANCE ELECTRIQUE DANS UN CADRE DE REFERENCE ROTATIF
- (71) SET INDUSTRIES CORPORATION [US/US]; 38840 Godfrey Place, Fremont, CA 94536 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) THOMAS, Mark [US/US]; 10772 Stevens Canyon Road, Cupertino, CA 95014 (US). OSIAS, Joel [US/US]; 2977 Quinto Way, San Jose, CA 95124 (US).
- (74) CALDWELL, Gregory, D. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Blvd., 7th Floor, Los Angeles, CA 90025-1026 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H02K 1/27  
 (11) WO 2005/029678 (13) A1  
 (21) PCT/JP2004/010700  
 (22) 28 Jul/juil 2004 (28.07.2004)  
 (25) ja (26) ja  
 (30) 2003-327599 19 Sep/sep 2003 JP  
 (19.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • PERMANENT MAGNET MOTOR
- (30) 10/667,014 17 Sep/sep 2003 US  
 (17.09.2003)  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • STATOR FOR AN ELECTRIC DEVICE  
 • STATOR POUR DISPOSITIF ELECTRIQUE
- (71) MOOG COMPONENTS GROUP INC. [US/US]; 1213 North Main Street, Blacksburg, VA 24060 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CALICO, John, M. [US/US]; 1366 Old Virginia Ct., Marietta, GA 30067 (US).
- (74) SOMMER, Peter, K. et al. / etc.; Phillips Lytle LLP, 3400 HSBC Center, Buffalo, NY 14203 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
 (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- 
- Published / Publiée : (c)
- (51)<sup>7</sup> H02J 9/06, 9/00  
 (11) WO 2005/029675 (13) A1  
 (21) PCT/JP2003/011894  
 (22) 18 Sep/sep 2003 (18.09.2003)  
 (25) ja (26) ja  
 (43) 31 Mar/mar 2005 (31.03.2005)  
 (54) • BACKUP CIRCUIT  
 • CIRCUIT DE SECOURS
- (71) HITACHI, LTD. [JP/JP]; 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280 (JP). HITACHI CAR ENGINEERING CO., LTD. [JP/JP]; 2477, Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MATSUMOTO, Masahiro [JP/JP]; c/o Hitachi Research Laboratory, Hitachi, Ltd., 1-1, Ohmika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). HANZAWA, Keiji [JP/JP]; c/o Hitachi Car Engineering Co., Ltd., 2477, Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP). SUKESAKO, Hiroyasu [JP/JP]; c/o Automotive Systems, Hitachi, Ltd., 2520, Ohaza Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP).
- 
- (51)<sup>7</sup> H02K  
 (11) WO 2005/029677 (13) A2  
 (21) PCT/US2004/030509  
 (22) 16 Sep/sep 2004 (16.09.2004)  
 (25) en (26) en

• MOTEUR A AIMANTS PERMANENTS

(71) **TOSHIBA CARRIER CORPORATION** [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku Tokyo, 1058001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUTAMI, Toshihiko** [JP/JP]; 708-12, Matsuoka, Fuji-shi, Shizuoka, 4160909 (JP).

(74) **YOSHITAKE, Kenji et al.** / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku Tokyo, 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02K 3/28

(11) **WO 2005/029679** (13) A1

(21) PCT/FR2004/002214

(22) **3 Sep/sep 2004 (03.09.2004)**

(25) fr (26) fr

(30) 0310545 **5 Sep/sep 2003 FR (05.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • POLYPHASE ELECTRIC TURNING MACHINE SUCH AS AN ALTERNATOR OR AN ALTERNO-STARTER, PARTICULARLY FOR A MOTOR VEHICLE

• "MACHINE ÉLECTRIQUE TOURNANTE POLYPHASÉE TELLE QU'UN ALTERNATEUR OU ALTERNO-DEMARREUR, NOTAMMENT POUR VÉHICULE AUTOMOBILE".

(71) **VALEO EQUIPEMENTS ELECTRIQUES MOTEUR** [FR/FR]; 2, rue André-Boulle, F-94017 Créteil Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAUVRON, Fabrice** [FR/FR]; 9, rue Emile Lécivain, F-91200 Athis-Mons (FR). **GAS, Olivier** [FR/FR]; 7 Route de la Plaine, F-78110 Le Vesinet (FR).

(74) **GAMONAL, Didier**; Valéo Equipements Electriques Moteur, 2, rue André Boulle, F-94017 Créteil Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H02K 5/16, F16C 27/06, A47L 9/00

(11) **WO 2005/029680** (13) A1

(21) PCT/GB2004/004004

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 0321951.6 **19 Sep/sep 2003 GB (19.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A ROTOR ASSEMBLY

• ENSEMBLE ROTOR

(71) **DYSON TECHNOLOGY LIMITED** [GB/GB]; Tetbury Hill, Malmesbury Wiltshire SN16 0RP (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHILDE, Matthew John** [GB/GB]; 146 The Street, Melksham Wiltshire SN12 8PR (GB). **CROSSLEY, Peter Lee** [GB/GB]; 10 Chiviot Close, Tetbury Gloucestershire GL8 8TA (GB).

(74) **HUCKER, Nerys et al.** / etc.; Intellectual Property Department, Dyson Limited, Tetbury Hill, Malmesbury Wiltshire SN16 0RP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H02K 5/22

(11) **WO 2005/029681** (13) A1

(21) PCT/EP2004/008128

(22) **21 Jul/jul 2004 (21.07.2004)**

(25) de (26) de

(30) 103 40 785.5 **2 Sep/sep 2003 DE (02.09.2003)**

(30) 10 2004 027 653.6 **5 Jun/juin 2004 DE (05.06.2004)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRIC MOTOR

• MOTEUR ELECTRIQUE

(71) **SEW-EURODRIVE GMBH & CO. KG** [DE/DE]; Abteilung ECG, Ernst-Blicke-Str. 42, 76646 Bruchsal (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TESCH, Sven** [DE/DE]; Sternweg 24, 76698 Ubstadt-Weiher (DE). **SCHÜLER,**

**Gerd** [DE/DE]; Hauptstrasse 31, 56291 Badenhart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> H02K 15/04

(11) **WO 2005/029682** (13) A1

(21) PCT/JP2004/013729

(22) **21 Sep/sep 2004 (21.09.2004)**

(25) ja (26) ja

(30) 2003-332333 **24 Sep/sep 2003 JP (24.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • STATOR MANUFACTURING DEVICE

• DISPOSITIF DE FABRICATION DE STATOR

(71) **AISIN AW CO., LTD.** [JP/JP]; 10, Takane, Fujii-cho, Anjo-shi, Aichi, 4441192 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASHIMOTO, Shingo** [JP/JP]; c/o AISIN AW CO., LTD., 10, Takane, Fujii-cho, Anjo-shi, Aichi, 4441192 (JP). **KURO-YANAGI, Tooru** [JP/JP]; c/o AISIN AW CO., LTD., 10, Takane, Fujii-cho, Anjo-shi, Aichi, 4441192 (JP). **YAMAGUCHI, Tsuyoshi** [JP/JP]; c/o AISIN AW CO., LTD., 10, Takane, Fujii-cho, Anjo-shi, Aichi, 4441192 (JP).

(74) **TAKAHASHI, Yoshiyasu et al.** / etc.; Meieki Nagata Building, 26-19, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi, 4500002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02K 21/14, 21/22, 29/00

(11) WO 2005/029683 (13) A1

(21) PCT/JP2003/011790

(22) 16 Sep/sep 2003 (16.09.2003)

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • REGENERATED ENERGY PRESERVATION MOTOR  
• MOTEUR DE CONSERVATION D'ENERGIE REGENERE

(71, 72) MORIMOTO, Takahiro [JP/JP]; 2-12-5, Takaoka, Okubo-cho, Akashi-shi, Hyogo 674-0057 (JP).

(81) AE AU BG CA CN CO CR ID IL IN KR MA MX NO NZ PH PL SG US VN ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> H02K 21/22, 7/14

(11) WO 2005/029684 (13) A1

(21) PCT/CN2003/000804

(22) 22 Sep/sep 2003 (22.09.2003)

(25) zh (26) zh

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A MOTOR WITHOUT BEARING  
• MOTEUR SANS ROULEMENT

(71) DELTA ELECTRONICS, INC. [CN/CN]; No.252 Shanying Rd, Gueishan Shiang, Taoyuan, Taiwan 333 (CN).

(72) CHEN, Leelong; No.252 Shanying Rd, Gueishan Shiang, Taoyuan, Taiwan 333 (CN). HUANG, Shihming; No.252 Shanying Rd, Gueishan Shiang, Taoyuan, Taiwan 333 (CN). CHANG, Sean; No.252 Shanying Rd, Gueishan Shiang, Taoyuan, Taiwan 333 (CN). HUANG, Wenshi; No.252 Shanying Rd, Gueishan Shiang, Taoyuan, Taiwan 333 (CN).

(74) LIU, SHEN & ASSOCIATES; A0601, Huibin Building, No. 8, Beichen Dong(East) Street, Chaoyang District, Beijing 100101 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02K 24/00

(11) WO 2005/029685 (13) A1

(21) PCT/JP2004/013556

(22) 16 Sep/sep 2004 (16.09.2004)

(25) ja (26) ja

(30) 2003-331084 24 Sep/sep 2003 JP (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BRUSH-LESS TYPE ROTATION DETECTOR SHIELDING STRUCTURE  
• STRUCTURE DE BLINDAGE POUR DETECTEUR DE ROTATION DU TYPE SANS BALAI

(71) TAMAGAWA SEIKI CO., LTD. [JP/JP]; 1879, Ohyasumi, Iida-shi, Nagano, 3958515 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAGAWA, Hiroshi [JP/JP]; c/o Hachinohe-plant, Tamagawa Seiki Co., Ltd., 1-3-47, Kita-inter-kougyou-danchi, Hachinohe-shi, Aomori 0392245 (JP).

(74) TOMISAWA, Tomonari; c/o Hachinohe Intelligent Plaza, 1-4-43, Kita-inter-kougyou-danchi, Hachinohe-shi, Aomori 0392245 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> H02K 29/08

(11) WO 2005/029686 (13) A1

(21) PCT/EP2004/008337

(22) 26 Jul/juil 2004 (26.07.2004)

(25) fr (26) fr

(30) 0309623 1 Aug/août 2003 FR (01.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FIXING DEVICE FOR A MAGNETIC RING ON A GEAR IN PARTICULAR IN A MOTOR REDUCING GEAR  
• DISPOSITIF DE FIXATION D'UN ANNEAU MAGNETIQUE SUR UNE ROUE

NOTAMMENT DE MOTO-REDUCTEUR

(71) VALEO SYSTEMES D'ESSUYAGE [FR/FR]; Z.A. de l'Agiot, Boîte Postale 81, 8, rue Louis Lormand, F-78321 la Verrière (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERGE, Jean-Emmanuel [FR/FR]; 76 rue des Carmélites, F-86000 Poitiers (FR). BRUNEAU, Séverin [FR/FR]; 5, quai Alsace Lorraine, F-86100 Chatellerault (FR). MACAIRE, Franck [FR/FR]; 3 Avenue Saint Exupéry, F-92160 Antony (FR).

(74) LEVY-MOULIN, Béatrice; Valéo Systèmes d'Essuyage, Z.A. de l'Agiot, Boîte postale 81, 8, rue Louis Lormand, F-78321 La Verrière (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02K 29/10

(11) WO 2005/029687 (13) A1

(21) PCT/GB2004/004002

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 0321951.6 19 Sep/sep 2003 GB (19.09.2003)

(30) 0322842.6 30 Sep/sep 2003 GB (30.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A ROTOR ASSEMBLY  
• ENSEMBLE ROTOR

(71) DYSON TECHNOLOGY LIMITED [GB/GB]; Tetbury Hill, Malmesbury Wiltshire SN16 0RP (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHILDE, Matthew John [GB/GB]; 146 The Street, Mekslesham Wiltshire SN12 8PR (GB). CROSSLEY, Peter Lee [GB/GB]; 10 Chiviot Close, Tetbury Gloucestershire GL8 8TA (GB).

(74) HUCKER, Nerys et al. / etc.; Intellectual Property Department, Dyson Limited, Tetbury Hill, Malmesbury Wiltshire SN16 0RP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02M

(11) WO 2005/029688 (13) A2

(21) PCT/US2004/029934

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 10/666,324 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DUAL STAGE VOLTAGE REGULATION CIRCUIT

• CIRCUIT DE REGULATION DE TENSION A DOUBLE ETAGE

(71) AMTEL CORPORATION [US/US]; 2325 Orchard Parkway, San Jose, CA 95131 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) TELECCO, Nicola; 4512 Carlyle Court #1525, Santa Clara, CA 95054 (US).

(74) SCHNECK, Thomas; Ssneck & Schneck, P.O. Box 2-E, San Jose, CA 95109-0005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(f) for all designations / pour toutes les désignations

(51)<sup>7</sup> H02M 1/08

(11) WO 2005/029689 (13) A1

(21) PCT/CN2004/000546

(22) 26 May/mai 2004 (26.05.2004)

(25) en (26) en

(30) 10/671,272 24 Sep/sep 2003 US (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A HIGH-SIDE TRANSISTOR DRIVER FOR POWER CONVERTERS

• EXCITATEUR DE TRANSISTOR HAUTE PRESSION DESTINE A DES CONVERTISSEURS DE PUISSANCE

(71) SYSTEM GENERAL CORP. [CN/CN]; 3F., No. 1, Alley 8, Lane 45, Bao-Shing Road, Shin-Dian, Taipei Hsien 231, Taiwan (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YANG, Ta-yung [CN/CN]; 8F., No.85, Sec. 1, Sanmin Rd., Taoyuan, Taoyuan County 330, Taiwan (CN).

(74) UNITALEN ATTORNEYS AT LAW; WANG, Xueqiang, 7th Floor, Scitech Place, No.22, Jian Guo Men Wai Ave., Chao Yang District, Beijing 100004 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02M 5/27

(11) WO 2005/029690 (13) A1

(21) PCT/JP2004/013301

(22) 13 Sep/sep 2004 (13.09.2004)

(25) ja (26) ja

(30) 2003-327242 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PWM CYCLO CONVERTER

• CYCLO-CONVERTISSEUR PWM

(71) KABUSHIKI KAISHA YASKAWA DENKI [JP/JP]; 2-1, Kurosaki-shiroishi, Yahatanishi-ku, Kitakyushu-shi Fukuoka, 8060004 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARA, Hidenori [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI 2-1, Kurosaki-shiroishi, Yahatanishi-ku, Kitakyushu-shi Fukuoka, 8060004 (JP). KANG, Junkoo [KR/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI 2-1, Kurosaki-shiroishi, Yahatanishi-ku, Kitakyushu-shi Fukuoka, 8060004 (JP). YAMAMOTO, Eiji [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI 2-1, Kurosaki-shiroishi, Yahatanishi-ku, Kitakyushu-shi Fukuoka, 8060004 (JP). YAMADA, Kenji [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI 2-1, Kurosaki-shiroishi, Yahatanishi-ku, Kitakyushu-shi Fukuoka, 8060004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02M 7/48

(11) WO 2005/029691 (13) A1

(21) PCT/JP2004/012706

(22) 26 Aug/août 2004 (26.08.2004)

(25) en (26) en

(30) 2003-328158 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CIRCUIT AND SYSTEM FOR DETECTING DC COMPONENT IN INVERTER DEVICE FOR GRID-CONNECTION

• CIRCUIT ET SYSTEME DE DETECTION DE COMPOSANTE CONTINUE DANS UN DISPOSITIF ONDULEUR SE BRANCHANT SUR LE RESEAU ELECTRIQUE

(71) EBARA DENSAN LTD. [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, 1448575 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DAI, Zheng [CN/JP]; c/o Ebara Densan Ltd., 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, 1448575 (JP). HARADA, Yosuke [JP/JP]; c/o Ebara Densan Ltd., 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, 1448575 (JP). SATO, Motoyasu [JP/JP]; c/o Ebara Densan Ltd., 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, 1448575 (JP).

(74) WATANABE, Isamu et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo, 1600023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02P 21/00

(11) WO 2005/029692 (13) A1

(21) PCT/JP2004/003383

(22) 12 Mar/mar 2004 (12.03.2004)

(25) ja (26) ja

(30) 2003-329152 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPRESSOR DRIVING UNIT AND REFRIGERATOR USING THE SAME

• UNITE D'ENTRAÎNEMENT DU COMPRESSEUR ET REFRIGERATEUR UTILISANT LADITE UNITE

(71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). TOSHIBA CONSUMER MARKETING CORPORATION [JP/JP];

1-8, Sotokanda 1-chome, Chiyoda-ku, Tokyo 101-0021 (JP). TOSHIBA HA PRODUCTS CO. LTD. [JP/JP]; 1-6, Ohta Toshiba-cho, Ibaraki-shi, Osaka 567-0013 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARUTANI, Yuuki [JP/JP]; c/o Toshiba Ha Products Co., Ltd., 1-6, Ohta Toshiba-cho, Ibaraki-shi, Osaka 567-0013 (JP). ADACHI, Kosaku [JP/JP]; c/o Toshiba Ha Products Co., Ltd., 1-6, Ohta Toshiba-cho, Ibaraki-shi, Osaka 567-0013 (JP).

(74) TSUTADA, Akiko et al. / etc.; 9th Floor, Nissei Bingomachi Bldg., 7-10, Bingomachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03D 7/16

(11) WO 2005/029693 (13) A1

(21) PCT/US2004/030126

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 10/663,824 16 Sep/sep 2003 US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR FREQUENCY TRANSLATION WITH HARMONIC SUPPRESSION USING MIXER STAGES

• SYSTEME ET PROCEDE DE TRANSPOSITION DE FREQUENCE A SUPPRESSION D'HARMONIQUES UTILISANT DES ETAGES MELANGEURS

(71) MICROTUNE (TEXAS), L.P. [US/US]; 2201 10th Street, Plano, TX 75074 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DAVIS, Thomas, L. [US/US]; 2730 Timberleaf, Carrollton, TX 75006 (US).

(74) BHAVSAR, Samir, A.; Baker Botts LLP, 2001 Ross Avenue, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

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(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H03F 1/02, H03G 3/30

(11) WO 2005/029694 (13) A1

(21) PCT/US2004/030432

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/666,097 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AN ADAPTIVE WIDEBAND DIGITAL AMPLIFIER FOR LINEARLY MODULATED SIGNAL AMPLIFICATION AND TRANSMISSION

• AMPLIFICATEUR NUMERIQUE A LARGE BANDE ADAPTATIVE POUR AMPLIFICATION ET TRANSMISSION DE SIGNAUX MODULES LINEAIREMENT

(71) M/A-COM, INC. [US/US]; 1011 Pawtucket Boulevard, Lowell, MA 01853 (US).

(72) GAN, Hong; 127 Cain Court, Belle Mead, NJ 08502 (US). DENNIS, Anthony; 27 Montfort Drive, Belle Mead, NJ 08502 (US).

(74) ARONOFF, Michael, J. et al. / etc.; Tyco Technology Resources, Suite 140, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03F 1/07, 3/68

(11) WO 2005/029695 (13) A1

(21) PCT/JP2004/014038

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-323836 17 Sep/sep 2003 JP (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AMPLIFIER

• AMPLIFICATEUR

(71) NEC Corporation [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIHKUMA, Kazumi [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).

(74) IKEDA, Noriyasu et al. / etc.; The Third Mori Building, 4-10, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03F 3/45, H03D 7/16

(11) WO 2005/029696 (13) A1

(21) PCT/IB2004/003061

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 03300129.8 23 Sep/sep 2003 EP (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HIGH PERFORMANCE LOW NOISE AMPLIFIER

• AMPLIFICATEUR PERFORMANT A FAIBLE BRUIT

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARIE, Hervé, Jean, François [FR/FR]; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(74) VAN OUDHEUSDEN-PERSET, Laure; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declaration / Déclaration :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H03G

(11) WO 2005/029697 (13) A2

(21) PCT/IL2004/000878

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 158,048 22 Sep/sep 2003 IL (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • READING DEVICE  
• DISPOSITIF DE LECTURE

(71) XTRATECH LTD. [IL/IL]; P.O.Box 7591, Kiryat Matalon, IL-49170 Petah Tikva (IL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) FURMAN, Lilach [IL/IL]; 3 Hadera Street, IL-49382 Petah Tikva (IL). FEINBERG, Efrat [IL/IL]; 55 Magen David Street, IL-46347 Herzlia (IL).

(74) ZUTA, Marc; 19 Ben Yehuda Street, P.O.Box 2162, IL-49120 Petah Tikva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03H

(11) WO 2005/029698 (13) A2

(21) PCT/US2004/029929

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,136 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SAW IDENTIFICATION TAG DISCRIMINATION METHODS  
• PROCEDE DE DISCRIMINATION D'ETIQUETTES D'IDENTIFICATION A ONDES ACOUSTIQUES DE SURFACE

(71) RF SAW COMPONENTS, INCORPORATED [US/US]; 900 Alpha Drive, Suite 400, Richardson, TX 75081 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARTMANN, Clinton, S. [US/US]; 5419 Ridgedale Drive, Dallas, TX 75206 (US). BELLAMY, John, C. [US/US]; 141 Meadow Creek, Coppell, TX 75019 (US).

(74) HEISZ, Jimmy, L.; Hitt Gaines, P.C., P.O. Box 832570, Richardson, TX 75083 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW

GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H03H 7/38, H02J 5/00

(11) WO 2005/029699 (13) A1

(21) PCT/EP2004/007416

(22) 7 Jul/juillet 2004 (07.07.2004)

(25) de (26) de

(30) 103 39 340.4 25 Aug/août 2003 DE (25.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE FOR CONTACTLESSLY TRANSMITTING POWER  
• DISPOSITIF DE TRANSMISSION D'ENERGIE SANS CONTACT

(71) SEW-EURODRIVE GMBH & CO. KG [DE/DE]; Abt. ECG, Ernst-Blicke-Strasse 42, 76646 Bruchsal (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WOLF, Harald [DE/DE]; Nikolausplatz 18, 76698 Ubstadt-Weiher (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> H03H 9/24, 3/007

(11) WO 2005/029700 (13) A1

(21) PCT/JP2004/014010

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-327496 19 Sep/sep 2003 JP (19.09.2003)

(30) 2004-049133 25 Feb/fév 2004 JP (25.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MICRO ELECTRIC MACHINE SYSTEM RESONATOR, DRIVE METHOD THEREOF, MANUFACTURING METHOD THEREOF, AND FREQUENCY FILTER

• RESONATEUR DE MICROSYSTEME ELECTROMECHANIQUE, PROCEDE



DE COMMANDE DE CE RESONATEUR, PROCEDE DE FABRICATION DE CE DERNIER ET FILTRE

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NANIWADA, Koji** [JP/JP]

(74) **NAKAMURA, Tomoyuki**; c/o Miyoshi International Patent Office, Toranomom Kotohira Tower, 2-8, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H03H 9/25**

(11) **WO 2005/029701** (13) A1

(21) PCT/JP2004/013755

(22) **21 Sep/sep 2004 (21.09.2004)**

(25) ja (26) ja

(30) 2003-327950 **19 Sep/sep 2003** JP (19.09.2003)

(30) 2003-327951 **19 Sep/sep 2003** JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SURFACE ACOUSTIC WAVE ELEMENT AND ENVIRONMENTAL DIFFERENCE SENSOR USING SURFACE ACOUSTIC WAVE ELEMENT

• ELEMENT D'ONDE ACOUSTIQUE DE SURFACE ET DETECTEUR DE DIFFERENCE D'ENVIRONNEMENT UTILISANT UN TEL ELEMENT

(71) **TOPPAN PRINTING CO., LTD.** [JP/JP]; 5-1, Taito 1-chome, Taito-ku, Tokyo 110-0016 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **YAMANAKA, Kazushi** [JP/JP]; 6-3, Katsura 2-chome, Izumi-ku, Sendai-shi, Miyagi 981-3134 (JP).

(72, 75) **NAKASO, Noritaka** [JP/JP]

(74) **SUZUYE, Takehiko** et al. / etc.; c/o Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **H03K 17/00, G01R 31/28, 31/26**

(11) **WO 2005/029702** (13) A1

(21) PCT/JP2004/013460

(22) **15 Sep/sep 2004 (15.09.2004)**

(25) ja (26) ja

(30) 2003-326549 **18 Sep/sep 2003** JP (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SEMICONDUCTOR SWITCH CIRCUIT  
• CIRCUIT DE COMMUTATION SEMI-CONDUCTEUR

(71) **ADVANTEST CORPORATION** [JP/JP]; 1-32-1, Asahi-cho, Nerima-ku, Tokyo 1790071 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAWADA, Toshiaki** [JP/JP]; c/o Advantest Corporation, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 1790071 (JP).

(74) **KUSANO, Takashi** et al. / etc.; 4th Floor, Shinjuku NSO Building, 1-22, Shinjuku 3-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H03K 19/086, 19/21, 3/2885**

(11) **WO 2005/029703** (13) A1

(21) PCT/IB2004/002994

(22) **10 Sep/sep 2004 (10.09.2004)**

(25) en (26) en

(30) 03300127.2 **22 Sep/sep 2003** EP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CIRCUIT FOR PROVIDING A LOGIC GATE FUNCTION AND A LATCH FUNCTION

• CIRCUIT DESTINE A ASSURER UNE FONCTION DE PORTE LOGIQUE ET UNE FONCTION DE VERROUILLAGE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUIRAUD, Lionel** [FR/FR]; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(74) **GATEPIN, Philippe**; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> **H03K 19/173**

(11) **WO 2005/029704** (13) A1

(21) PCT/US2004/030580

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 60/504,380 **17 Sep/sep 2003** US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A DYNAMIC AND DIFFERENTIAL CMOS LOGIC WITH SIGNAL-INDEPENDENT POWER CONSUMPTION TO WITHSTAND DIFFERENTIAL POWER ANALYSIS

• LOGIQUE CMOS DYNAMIQUE ET DIFFERENTIELLE A CONSOMMATION D'ENERGIE INDEPENDANTE DU SIGNAL POUVANT RESISTER A UNE ANALYSE DE PUISSANCE DIFFERENTIELLE

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VERBAUWHEDE, Ingrid, M.** [US/US]; 1123 23rd Street #C, Santa Monica, CA 90403 (US). **TIRI, Kris, J.V.** [BE/BE]; De Hutten 16, B-3600 Genk (BE).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> H03M

(11) WO 2005/029705 (13) A2

(21) PCT/US2004/030499

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,294 18 Sep/sep 2003 US  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NUMBER CODING FOR IDENTIFI-  
CATION OF SUBTYPES OF CODED  
TYPES OF SOLID PHASE CARRIERS  
• CODAGE NUMERIQUE POUR IDEN-  
TIFICATION DE SOUS-TYPES DES  
TYPES DE SUPPORTS SOLIDES  
CODES

(71) BIOARRAY SOLUTIONS, LTD. [US/US];  
35 Technology Drive, Warren, NJ 07059  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SEUL, Michael [DE/US]; 84 Pleasant  
Avenue, Fanwood, NJ 07023 (US). CHAU,  
Chiu [US/US]; 16 Whitehall Avenue, Edison,  
NJ 08820 (US). TAN, Enqing [—/US]; East  
Garden Way, 3 Jared Blvd., Kendall Park, NJ  
08824 (US).

(74) MIRABEL, Eric, P.; Biorray Solutions Ltd,  
35 Technology Drive, Warren, NJ 07059  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H03M 1/00

(11) WO 2005/029706 (13) A2

(21) PCT/IB2004/051723

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 03103471.3 19 Sep/sep 2003 EP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRONIC SENSING CIRCUIT

• CIRCUIT DE DETECTION ELECTRO-  
NIQUE

(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) VAN OEVELEN, Jacobus, A.  
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656  
AA Eindhoven (NL). BUTZMANN, Ste-  
fan [DE/DE]; c/o Prof. Holstlaan 6, 5656  
AA Eindhoven (DE). BUCHHOLD, Rein-  
hard [DE/DE]; c/o Prof. Holstlaan 6, 5656  
AA Eindhoven (DE). STORK, Thomas  
[DE/DE]; c/o Prof. Holstlaan 6, 5656  
AA Eindhoven (DE). BOEZEN, Hendrik  
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656  
AA Eindhoven (NL).

(74) ELEVELD, Koop, J.; Prof. Holstlaan 6,  
NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H03M 1/12

(11) WO 2005/029707 (13) A1

(21) PCT/DK2003/000613

(22) 22 Sep/sep 2003 (22.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SELF-OSCILLATING A/D-CON-  
VERTER  
• CONVERTISSEUR A/N AUTO-OSCIL-  
LANT

(71) TC ELECTRONIC A/S [DK/DK]; Sin-  
dalsvej 34, DK-8240 Risskov (DK).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) ARKNÆS-PEDERSEN, Lars  
[DK/DK]; Bernstorffsvej 13, DK-8260 Viby J  
(DK). PEDERSEN, Kim, Rishøj [DK/DK];  
Skæring Sandager 54, DK-8250 Egå (DK).

(74) PATENTGRUPPEN APS; Arosgaarden,  
Åboulevarden 31, DK-8000 Aarhus C (DK).

(81) AE AG AL AM AT (Utility model / modèle  
d'utilité) AT AU AZ BA BB BG BR BY BZ  
CA CH CN CO CR CU CZ (Utility model  
/ modèle d'utilité) CZ DE (Utility model /  
modèle d'utilité) DE DK (Utility model /  
modèle d'utilité) DK DM DZ EC EE (Utility  
model / modèle d'utilité) EE EG ES FI (Utility  
model / modèle d'utilité) FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NI NO NZ OM PG  
PH PL PT RO RU SC SD SE SG SK SL SY  
TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> H03M 1/50

(11) WO 2005/029708 (13) A1

(21) PCT/DK2004/000643

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) PCT/DK03/00613 22 Sep/sep 2003 DK  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A/D CONVERTER

• CONVERTISSEUR ANALOGIQUE/NU-  
MERIQUE

(71) TC ELECTRONIC A/S [DK/DK]; Sin-  
dalsvej 34, DK-8240 Risskov (DK).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) PEDERSEN, Kim, Rishøj [DK/DK];  
Skaering Sandager 54, DK-8250 Egå (DK).  
ARKNÆS-PEDERSEN, Lars [DK/DK];  
Bernstorffsvej 13, DK-8260 Viby J. (DK).

(74) PATENTGRUPPEN APS; Arosgaarden,  
Åboulevarden 31, DK-8000 Aarhus C (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04B

(11) WO 2005/029709 (13) A2

(21) PCT/US2004/029244

(22) 8 Sep/sep 2004 (08.09.2004)

(25) en (26) en

(30) 60/481,391 17 Sep/sep 2003 US  
(17.09.2003)

(30) 10/605,929 6 Nov/nov 2003 US  
(06.11.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CLOCK AND DATA RECOVERY SYS-  
TEM FOR A WIDE RANGE OF BIT  
RATES

• SYSTEME DE RECUPERATION DE  
DONNEES ET D'HORLOGE POUR  
UNE LARGE GAMME DE DEBITS BI-  
NAIRES

(71) OPELCOMM, INC. [US/US]; 46750 Fre-  
mont Blvd., Suite 210, Fremont, CA 94538  
(US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEESON, David, A.** [US/US]; 1016 Malaga Ct., Pleasanton, CA 94566 (US). **CHAN, Edward, S.L.** [US/US]; 43535 Southerland Way, Fremont, CA 94539 (US).

(74) **ROBERTS, Raymond, E. et al. / etc.;** 1901 So. Bascom Ave., Suite 660, Campbell, CA 95008 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04B**

(11) **WO 2005/029710** (13) A2

(21) PCT/US2004/030241

(22) **16 Sep/sep 2004 (16.09.2004)**

(25) en (26) en

(30) 10/666,852 **19 Sep/sep 2003** US (19.09.2003)

(30) 10/679,947 **6 Oct/oct 2003** US (06.10.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMMUNICATION PROTOCOL OVER POWER LINE COMMUNICATION NETWORK

• PROTOCOLE DE COMMUNICATION SUR DES RESEAUX DE COMMUNICATION PAR LIGNES ELECTRIQUES

(71) **SATIUS, INC.** [US/US]; 3638 N. Rancho Drive, Suite 6, Las Vegas, NV 89130 (US). (for all designated States except / pour tous les États désignés sauf US)

(72) **LAZAR, Sashi;** 2305 Kaywood Lane, Silver Spring, MD 20905 (US). **FISCH, James;** 8909 Blade Green Lane, Columbia, MD 21045 (US). **REINERT, Christopher, L.;** 1328 Shamrock Lane, Plano, TX 75093 (US). **ABRAHAM, Charles;** P.O. Box 731, Clarksville, MD 21029 (US).

(74) **SICKLES, Louis et al. / etc.;** Akin, Gump, Strauss, Hauer & Feld, LLP, One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04B**

(11) **WO 2005/029711** (13) A2

(21) PCT/US2004/030291

(22) **14 Sep/sep 2004 (14.09.2004)**

(25) en (26) en

(30) 10/664,048 **15 Sep/sep 2003** US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SINGLE-ENDED INPUT, DIFFERENTIAL OUTPUT LOW NOISE AMPLIFIER

• AMPLIFICATEUR A FAIBLE BRUIT A SORTIE DIFFERENTIELLE, A ENTREE ASYMETRIQUE

(71) **ANALOG DEVICES, INC.;** One Technology Way, Norwood, MA 02062-9106 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GILBERT, Barrie** [GB/US]; c/o Analog Devices, Inc., 1100 NW Compton Drive, Suite 302, Beaverton, OR 97006-1994 (US). **WEIGANDT, Todd, C.** [US/US]; c/o Analog Devices, Inc., 1100 NW Compton Drive, Suite 302, Beaverton, OR 97006-1994 (US).

(74) **MAKUCH, Joseph, S.;** Marger Johnson & McCollom, PC, 1030 SW Morrison Street, Portland, OR 97205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04B**

(11) **WO 2005/029712** (13) A2

(21) PCT/US2004/030480

(22) **16 Sep/sep 2004 (16.09.2004)**

(25) en (26) en

(30) 10/664,809 **16 Sep/sep 2003** US (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LOCAL AREA POSITIONING SYSTEM  
• SYSTEME DE POSITIONNEMENT LOCAL

(71, 72) **WATSON, Mitchell, L.** [US/US]; 16683 S.E. VanZyl Drive, Clackamas, OR 97015 (US).

(74) **WESTON, Clifford, D. et al. / etc.;** Marger Johnson & McCollom, P.C., 1030 SW Morrison St., Portland, OR 97205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04B 1/00**

(11) **WO 2005/029713** (13) A2

(21) PCT/EP2004/051964

(22) **31 Aug/août 2004 (31.08.2004)**

(25) de (26) de

(30) 103 44 278.2 **24 Sep/sep 2003** DE (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DEVICE FOR A RADIO STATION

• DISPOSITIF DESTINE A UNE STATION RADIO

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOEDECKE, Simon** [DE/DE]; Bannwaldscesstrasse 45, 81379 München (DE). **HASSLER, Bernd** [DE/DE]; Fischbachweg 16, 89171 Illerkirchberg (DE). **SPLETT, Armin** [DE/DE]; Käthe-Kollwitz-Weg 113, 89081 Ulm (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT;** Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04B 1/036**

(11) **WO 2005/029714** (13) A1

(21) PCT/EP2004/009065

(22) **12 Aug/août 2004 (12.08.2004)**

(25) de (26) de

(30) 103 40 438.4 **2 Sep/sep 2003** DE (02.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TRANSMITTING MODULE WITH IMPROVED HEAT DISSIPATION

• MODULE EMETTEUR A EVACUATION DE LA CHALEUR AMELIORE

(71) **EPCOS AG** [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FLÜHR, Holger** [DE/AT]; Burgfriedweg 6, A-8010 Graz (AT). **BLOCK, Christian** [DE/AT]; Stallhof 114, A-8510 Stainz (AT). **HOFFMANN, Christian** [DE/AT]; Karl-Hubmann-Str. 8, A-8530 Deutschlandsberg (AT).

(74) **EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH**; Riederstr. 55, 80339 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04B 1/04**

(11) **WO 2005/029715** (13) A1

(21) PCT/IB2004/051786

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 03103524.9 **24 Sep/sep 2003 EP (24.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR CONTROLLING THE GAIN OF A SIGNAL IN A TRANSMITTER

• METHODE DE REGLAGE DU GAIN D'UN SIGNAL DANS UN EMETTEUR

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEENAERTS, Dominicus, M., W.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **JEURISSEN, Gerardus, M., D.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **PAVLOVIC, Nenad** [YU/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> **H04B 1/16**

(11) **WO 2005/029716** (13) A2

(21) PCT/IB2004/051595

(22) **29 Aug/août 2004 (29.08.2004)**

(25) en (26) en

(30) 60/498,456 **28 Aug/août 2003 US (28.08.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR ENERGY SIGNAL DETECTION IN A WIRELESS NETWORK DEVICE

• SYSTEME ET PROCEDURE PERMETTANT LA DETECTION ECONOMIQUE EN ENERGIE DE SIGNAUX DANS UN SYSTEME DE RESEAU SANS FIL

(71) **KONINKLIJKE PHILIPS ELECTRONICS, N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(71) **U.S. PHILIPS CORPORATION** [US/US]; 1251 Avenue of the Americas, New York, New York 10020 (US).  
(only for / seulement pour AE)

(72, 75) **HIRSCH, Olaf** [DE/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). **RAZZELL, Charles** [GB/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). **PRENTICE, Andrew** [GB/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(74) **KONINKLIJKE PHILIPS ELECTRONICS, N.V.**; c/o LESTER, Shannon, 1109 McKay Drive, M/S-SJ41, San Jose, California 95131-1706 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> **H04B 1/16, H04N 5/44**

(11) **WO 2005/029717** (13) A1

(21) PCT/JP2004/014044

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) ja (26) ja

(30) 2003-330544 **22 Sep/sep 2003 JP (22.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRONIC DEVICE AND CONTROL METHOD THEREFOR

• DISPOSITIF ELECTRONIQUE ET SON PROCEDURE DE COMMANDE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SASAKURA, Shuhei** ADACHI, **Tatsuya** KATO, **Isao** WATA, **Kazuya** EJIMA, **Naoki** NAKAMURA, **Seiji** INAGAKI, **Yoshihisa**

(74) **HIGASHIMA, Takaharu**; HIGASHIMA PATENT OFFICE, Daiko Building, 2-14, Umeda 3-chome, Kita-ku, Osaka-shi, Osaka, 5300001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)<sup>7</sup> **H04B 1/28**

(11) **WO 2005/029718** (13) A1

(21) PCT/US2004/029488

(22) **9 Sep/sep 2004 (09.09.2004)**

(25) en (26) en  
(30) 10/665,954 17 Sep/sep 2003 US  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • WIRELESS RECEIVER WITH STACKED, SINGLE CHIP ARCHITECTURE  
• RECEPTEUR SANS FIL A ARCHITECTURE DE PUCE UNIQUE, A PLAQUES SUPERPOSEES

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHUCKER, Douglas [US/US]; 501 E. Rawhide, Gilbert, AZ 85296 (US). CASEY, Francis [US/US]; 1504 W. Oriole Way, Chandler, AZ 85248 (US). KOELLER, Jeffrey [US/US]; 6111 E. Riverdale Street, Mesa, AZ 85215 (US). OGREN, Jeffrey [US/US]; 381 S. Forest Drive, Chandler, AZ 85226 (US).

(74) KOCH, William, E.; Motorola, Inc., 3102 North 56th Street, AZ11/56-238, Phoenix, AZ 85018-6606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04B 1/38

(11) WO 2005/029719 (13) A2

(21) PCT/FR2004/050429

(22) 13 Sep/sep 2004 (13.09.2004)

(25) fr (26) fr

(30) 03292300.5 18 Sep/sep 2003 EP  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BROAD DISTRIBUTION BI-DIRECTIONAL USER TERMINAL AT CONFIGURABLE BROADCAST FREQUENCIES

• TERMINAL UTILISATEUR BI-DIRECTIONNEL DE LARGE DIFFUSION À FRÉQUENCES D'ÉMISSION CONFIGURABLES

(71) THOMSON Licensing S.A. [FR/FR]; 46, quai Alphonse Le Gallo, F-92100 Boulogne (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LE NAOUR, Jean-Yves [FR/FR]; 1 rue des Badiers, F-35740 PACE (FR). LO HINE TONG, Dominique [FR/FR]; 49 rue Jeanne Couplan, F-35700 RENNES (FR). CHAMBELIN, Philippe [FR/FR]; 14 rue du Plessix d'Essé, F-35410 CHATEAUGIRON (FR).

(74) RUELLAN-LEMONNIER, Brigitte; THOMSON, European Patent Operations, 46, quai Alphonse Le Gallo, F-92648 BOULOGNE cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B 1/40

(11) WO 2005/029720 (13) A1

(21) PCT/IB2004/051691

(22) 6 Sep/sep 2004 (06.09.2004)

(25) en (26) en

(30) 60/504,451 19 Sep/sep 2003 US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTI-BAND TRANSCEIVER

• EMETTEUR-RECEPTEUR DE BANDES MULTIPLES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEENAERTS, Dominicus, M., W. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). REDMAN-WHITE, William [GB/GB]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ELEVELD, Koop, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP

(AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04B 1/59, G06K 17/00, H04B 5/02

(11) WO 2005/029721 (13) A1

(21) PCT/JP2004/011847

(22) 18 Aug/août 2004 (18.08.2004)

(25) ja (26) ja

(30) 2003-327687 19 Sep/sep 2003 JP  
(19.09.2003)

(30) 2003-359545 20 Oct/oct 2003 JP  
(20.10.2003)

(30) 2004-027768 4 Feb/fév 2004 JP  
(04.02.2004)

(30) 2004-027769 4 Feb/fév 2004 JP  
(04.02.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RADIO TAG READER/WRITER

• LECTEUR-ENREGISTREUR POUR RADIO-EMETTEUR

(71) BROTHER KOGYO KABUSHIKI KAISHA [JP/JP]; 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi Aichi, 4678561 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAGAI, Takuya [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi Aichi, 4678561 (JP). TAKI, Kazunari [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi Aichi, 4678561 (JP). OHASHI, Tsuyoshi [JP/JP]; c/o, BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi Aichi, 4678561 (JP).

(74) IKEDA, Haruyuki; Ikeda Patent Office Nagoya-Dia. Bldg. No.2, 15-1 Meieki 3-chome, Nakamura-ku, Nagoya-shi Aichi, 4500002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B 1/707

(11) WO 2005/029722 (13) A1

(21) PCT/IB2004/051750

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 03103520.7 23 Sep/sep 2003 EP  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • INITIAL SYNCHRONIZATION FOR RECEIVERS  
• SYNCHRONISATION INITIALE POUR DES RECEPTEURS
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
*(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)*
- (71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).  
*(only for / seulement pour DE)*
- (72, 75) MUELLER-WEINFURTNER, Stefan [DE/DE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) ELEVELD, Koop, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04B 1/707, H04Q 7/38  
(11) WO 2005/029723 (13) A1  
(21) PCT/JP2003/011911  
(22) 18 Sep/sep 2003 (18.09.2003)  
(25) ja (26) ja  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MOBILE COMMUNICATION TERMINAL  
• TERMINAL DE COMMUNICATION MOBILE
- (71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) YAMASHITA, Koichi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). AIKAWA, Hideto [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). SHIBUYA, Akihiro [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
- (74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)<sup>7</sup> H04B 3/02, H04L 29/06  
(11) WO 2005/029724 (13) A1  
(21) PCT/GB2004/004007  
(22) 21 Sep/sep 2004 (21.09.2004)  
(25) en (26) en  
(30) 0322180.1 22 Sep/sep 2003 GB (22.09.2003)  
(30) 0404966.4 5 Mar/mar 2004 GB (05.03.2004)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • DEVICE FOR CONTROLLING COMMUNICATION BETWEEN A TELECOMMUNICATIONS NETWORK AND SUBSCRIBER EQUIPMENT  
• DISPOSITIF DE CONTROLE DE LA COMMUNICATION ENTRE UN RESEAU DE TELECOMMUNICATIONS ET UN EQUIPEMENT D'ABONNE
- (71, 72) DONNELLY, Rory, Joseph [GB/GB]; Dunrobin, Manor Park, The Avenue, Whyteleaf, Surrey CR3 0AQ (GB).
- (74) GAMBELL, Derek et al. / etc.; Graham Watt & Co, St Botolph's House, 7-9 St Botolph's Road, Sevenoaks TN13 3AJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04B 3/46  
(11) WO 2005/029725 (13) A2  
(21) PCT/FR2004/002353  
(22) 16 Sep/sep 2004 (16.09.2004)  
(25) fr (26) fr  
(30) 0310933 17 Sep/sep 2003 FR (17.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SYSTEM FOR THE ANALYSIS OF THE OPERATION OF A CONTROL NETWORK OF AN INSTALLATION  
• SYSTEME D'ANALYSE DU FONCTIONNEMENT D'UN RESEAU DE CONTROLE D'UNE INSTALLATION
- (71) SKYLAB INDUSTRIES [FR/FR]; Aéroport Ent.Roissy CDG, Rue de Copenhague, Bât.Aéronef, F-95728 ROISSY CHARLES DE GAULLE CEDEX (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LAVIGNOLLE, Vincent [FR/FR]; 24, rue de Montmorency, F-95150 TAVERNY (FR).
- (74) FRECHEDE, Michel et al. / etc.; CABINET LAVOIX, 2, place d'Estienne d'Orves, F-75441 PARIS CEDEX 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04B 5/00, G06K 7/00, 19/00  
(11) WO 2005/029726 (13) A1  
(21) PCT/FR2004/002325  
(22) 14 Sep/sep 2004 (14.09.2004)  
(25) fr (26) fr  
(30) 0310928 17 Sep/sep 2003 FR (17.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)
- (54) • PORTABLE OBJECT HAVING MULTILEVEL DEMODULATION AND BEING INDUCTIVELY COUPLED TO A FIXED STATION  
• OBJET PORTATIF À DÉMODULATION MULTINIVEAUX, COUPLÉ INDUCTIVEMENT À UNE STATION FIXE
- (71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31-33, rue de la Fédération, F-75752 Paris (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) VILLARD, Patrick [FR/FR]; 41, rue des Eaux-Claires, F-38100 Grenoble (FR). DELORME, Nicolas [FR/FR]; 2, rue Kléber, F-38000 Grenoble (FR). CONDEMINE, Cyril [FR/FR]; 33, avenue Jeanne d'Arc, F-38100 Grenoble (FR).
- (74) HECKE, Gérard et al. / etc.; Cabinet Hecke, WTC Europole, 5, place Robert Schuman, B.P. 1537, F-38025 Grenoble Cedex 1 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> H04B 7/06  
(11) WO 2005/029727 (13) A1  
(21) PCT/EP2004/051965

(22) 31 Aug/août 2004 (31.08.2004)

(25) de (26) de

(30) 103 43 068.7 17 Sep/sep 2003 DE  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR DATA TRANSMISSION TO A RECEIVING STATION ACCORDING TO THE TEMPORAL COURSE OF THE PILOT SIGNALS

- PROCEDE DE TRANSMISSION DE DONNEES A UNE STATION RECEPTRICE EN FONCTION DE LA CARACTERISTIQUE TEMPORELLE DES SIGNAUX PILOTES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BREITBACH, Johannes, Markus [DE/DE]; Margarethe-von-Wrangell-Weg 16/1, 89075 Ulm (DE). DIETRICH, Hans [DE/DE]; Haselbühl 52, 89075 Ulm (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B 7/08

(11) WO 2005/029728 (13) A1

(21) PCT/US2004/030576

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/666,509 19 Sep/sep 2003 US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • WIRELESS SIGNAL PROCESSING METHODS AND APPARATUSES INCLUDING DIRECTIONS OF ARRIVAL ESTIMATION

- PROCEDES ET DES APPAREILS SANS FIL POUR TRAITER DES SIGNAUX COMPRENANT L'ESTIMATION DES DIRECTIONS D'ARRIVEE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SONDUR, Lakshminpathi [—/IN]; No. 36, 1st Floor, 9th Main Road, Mathikere Extension, Bangalore 560054 (IN).

(74) AUYEUNG, Aloysius, T.C. et al. / etc.; Schwabe, Williamson &amp; Wyatt, Pacwest Center, 1211 SW 5th Avenue, Suite 1600-1900, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B 7/185

(11) WO 2005/029729 (13) A2

(21) PCT/US2004/030963

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 60/506,102 24 Sep/sep 2003 US  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MIXED REUSE OF FEEDER LINK AND USER LINK BANDWIDTH

- REUTILISATION MELANGEE DE LARGEUR DE BANDE DE LIAISON TERRE-SATELLITE ET DE LIAISON UTILISATEUR

(71) QUALCOMM Incorporated [US/US]; 5775 Morehouse Drive, San Diego, California 92121 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) AMES, William G. [US/US]; 13947 Country Creek Road, Poway, California 92064 (US). SCHIFF, Leonard N. [US/US]; 13689 Winstanley Way, San Diego, California 92130 (US).

(74) WADSWORTH, Philip R. et al. / etc.; 5775 Morehouse Drive, San Diego, California 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).**GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)**(t) for all designations / pour toutes les désignations*(51)<sup>7</sup> H04B 7/26

(11) WO 2005/029730 (13) A1

(21) PCT/JP2004/012956

(22) 6 Sep/sep 2004 (06.09.2004)

(25) ja (26) ja

(30) 2003-324793 17 Sep/sep 2003 JP  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CARRIER SENSE MULTIPLEX ACCESS METHOD, RADIO BASE STATION APPARATUS, AND RADIO TERMINAL APPARATUS

- PROCEDE DACCES MULTIPLEX PAR DETECTION DE PORTEUSE, STATION DE BASE, ET TERMINAL DE RADIO-COMMUNICATIONS

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MALIK, RahulTAN, Pek-Yew

(74) WASHIDA, Kimihito; 5th Floor, Shin-toshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B 7/26, H04J 13/00

(11) WO 2005/029731 (13) A1

(21) PCT/JP2004/014425

(22) 24 Sep/sep 2004 (24.09.2004)

(25) ja (26) ja

(30) 2003-330827 24 Sep/sep 2003 JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MOBILE COMMUNICATION SYSTEM, RADIO BASE STATION, TRANSMISSION POWER CONTROL METHOD USED THEREIN, AND PROGRAM THEREOF

- SYSTEME DE COMMUNICATION MOBILE, STATION DE BASE RADIO, PROCEDE DE COMMANDE DE PUISSANCE DE TRANSMISSION UTILISE DANS CETTE STATION AINSI QUE PROGRAMME ASSOCIE

(71) **NEC CORPORATION** [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KONDO, Takayuki** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).

(74) **IKEDA, Noriyasu** et al. / etc.; The 3rd Mori Building, 4-10, Nishishinbashi 1-chome, Minato-ku, Tokyo, 1050003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04B 7/26**

(11) **WO 2005/029732** (13) A1

(21) PCT/KR2004/002431

(22) **22 Sep/sep 2004 (22.09.2004)**

(25) en (26) en

(30) 10/667,052 **22 Sep/sep 2003 US (22.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR REALLOCATING A TRAFFIC CHANNEL IN SOFT HANDOFF STATE

• SYSTEME ET PROCEDE POUR REATTRIBUER UN CANAL DE TRAFIC DANS UN ETAT DE TRANSFERT SOUPLE

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **Ji, Li** [CN/US]; 4300 Larkel Street, Plano Collin County, TX 75093 (US). **LOVETTE, Steven E.** [US/US]; 1068 Sunset Court, Keller Tarrant County, TX 76248 (US).

(74) **LEE, Keon-Joo**; Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04B 10/02**

(11) **WO 2005/029733** (13) A1

(21) PCT/KR2004/002449

(22) **23 Sep/sep 2004 (23.09.2004)**

(25) ko (26) en

(30) 10-2003-0065956 **23 Sep/sep 2003 KR (23.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • OPTICAL NETWORK TERMINATOR AND OPTICAL NETWORK CONNECTION METHOD USING IT

• TERMINATEUR DE RESEAU OPTIQUE ET PROCEDE DE CONNEXION DE RESEAU FAISANT INTERVENIR CE TERMINATEUR

(71) **KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY** [KR/KR]; 373-1, Gusung-dong, Yusong-gu, Daejeon 305-701 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEE, Chang, Hee** [KR/KR]; 110-102 Hanwool Apt., Shinsung-dong, Yusong-gu, Daejeon 305-345 (KR). **HONG, Kwang, Pyo** [KR/KR]; 207-1208 Woosong Apt., Sadang 2-dong, Dongjak-gu, Seoul 156-773 (KR).

**BAIK, Jin Serk** [KR/KR]; 104-702 Shinan Apt. Bono 2-dong, Sangrok-gu, Ansan-si, Gyeonggi-do 425-729 (KR).

**KIM, Sung, Man** [KR/KR]; 857-1 Hyeonggok-dong, Gumi-si, Gyeongsangbuk-do 730-92 (KR).

**LEE, Sang, Mook** [KR/KR]; 526 Gammun-myeon, Gimcheon-si, Gyeongsangbuk-do 740-852 (KR).

**MUN, Sil, Gu** [KR/KR]; 104-209 Sangeok Daewoo Apt. Sangeok 2-dong, Buk-gu, Daegu 702-769, Daegu 702-769 (KR).

(74) **JEON, Young-II**; KWTC P.O. Box 243, #4202, Trade Tower World Trade Center, Samsung-dong, Kangnam-gu, Seoul 135-729 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04B 10/17, H04L 7/00**

(11) **WO 2005/029734** (13) A1

(21) PCT/DE2004/002003

(22) **9 Sep/sep 2004 (09.09.2004)**

(25) de (26) de

(30) 103 44 319.3 **19 Sep/sep 2003 DE (19.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • WAVELENGTH-MAINTAINING OPTICAL SIGNAL REGENERATOR

• REGENERATEUR DE SIGNAL OPTIQUE A CONSERVATION DE LONGUEUR D'ONDE

(71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E. V.** [DE/DE]; Hansastr. 27 C, 80686 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BORNHOLDT, Carsten** [DE/DE]; Rothenbücherweg 47A, 14089 Berlin (DE). **SARTORIUS, Bernd** [DE/DE]; Württembergallee 22, 14052 Berlin (DE). **SLOVAK, Juraj** [SK/DE]; Waldstr. 15, 10551 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **H04B 17/00, 7/005**

(11) **WO 2005/029735** (13) A1

(21) PCT/EP2004/009487

(22) **25 Aug/août 2004 (25.08.2004)**

(25) en (26) en

(30) 03021260.9 **19 Sep/sep 2003 EP (19.09.2003)**

(30) 60/506,349 **26 Sep/sep 2003 US (26.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RADIO LINK CHECK

• CONTROLE D'UNE LIAISON RADIO

(71) **SONY ERICSSON MOBILE COMMUNICATIONS AB** [SE/SE]; S-221 88 Lund (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINDELL, Bo** [SE/SE]; Mjölbnarstigen 4, S-Lidingö (SE). **PENSJÖ, Tomas** [SE/SE]; Decembervägen 3, S-177 60 Järfälla (SE).

(74) **DAHNÉR, Christer**; Ström & Gulliksson IP AB, P.O. Box 7086, S-103 87 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU



MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> H04H

(11) WO 2005/029736 (13) A2

(21) PCT/EP2004/009646

(22) 30 Aug/août 2004 (30.08.2004)

(25) de (26) de

(30) 103 42 040.1 11 Sep/sep 2003 DE (11.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR MONITORING THE TIME SYNCHRONISATION OF EMITTERS IN A COMMON WAVE NETWORK

• PROCEDE DE CONTROLE DE LA SYNCHRONISATION TEMPORELLE D'EMETTEURS DANS UN RESEAU SUR FREQUENCE COMMUNE

(71) ROHDE & SCHWARZ GMBH & CO. KG [DE/DE]; Mühlendorfstrasse 15, 81671 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BALZ, Christoph [DE/DE]; Gerhardstr. 29, 81543 München (DE). HOFMEISTER, Martin [DE/DE]; Schleissheimerstr. 118, 80797 München (DE).

(74) KÖRFER, Thomas et al. / etc.; Mitscherlich & Partner, Sonnenstrasse 33, Postfach 33 06 09, 80066 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04H

(11) WO 2005/029737 (13) A2

(21) PCT/IL2004/000779

(22) 26 Aug/août 2004 (26.08.2004)

(25) en (26) en

(30) 60/505,439 25 Sep/sep 2003 US (25.09.2003)

(30) 60/508,061 2 Oct/oct 2003 US (02.10.2003)

(30) 60/590,197 21 Jul/juil 2004 US (21.07.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • WIRELESS TRANSMISSION OF HIGH QUALITY VIDEO

• EMISSION RADIO DE VIDEO DE HAUTE QUALITE

(71) AMIMON LTD. [IL/IL]; 6 GALGALEY HAPLADA STREET, 46722 HERZELIA (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REZNIC, Zvi [IL/IL]; 6 CHEVRACHADASHA STREET, 62998 TEL-AVIV (IL). GERI, Noam [IL/US]; 1066 LEONELLO AVENUE, LOS ALTOS, CA 94024 (US).

(74) FENSTER, Paul et al. / etc.; FENSTER & COMPANY, INTELLECTUAL PROPERTY 2002 LTD., P. O. BOX 10256, 49002 PETACH TIKVA (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04J

(11) WO 2005/029738 (13) A2

(21) PCT/US2004/029904

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/661,110 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR SYNCHRONIZING AUDIO AND VIDEO IN ENCRYPTED VIDEOCONFERENCES

• PROCEDE ET APPAREIL DE SYNCHRONISATION DE SIGNAUX AUDIO ET VIDEO DANS DES VIDEOCONFERENCE CHIFFREES

(71) APPLIED MINDS, INC. [US/US]; 1209 Grand Central Avenue, Glendale, CA 91201 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) FERREN, Bran; 1236 Benedict Canyon Drive, Beverly Hills, CA 90210 (US). HILLIS, W., Daniel; 4750 Encino Avenue, Encino, CA 91316 (US). ROCCANOVA, Gerard; 6571 Horseshoe Lane, Huntington Beach, CA 92648 (US).

(74) GLENN, Michael, A. et al. / etc.; Glenn Patent Group, Ste. L., 3475 Edison Way, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04J

(11) WO 2005/029739 (13) A2

(21) PCT/US2004/030756

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,085 19 Sep/sep 2003 US (19.09.2003)

(30) 10/911,079 3 Aug/août 2004 US (03.08.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEMS AND METHOD FOR ENHANCING TELECONFERENCING COLLABORATION

• SYSTEMES ET PROCEDE POUR L'AMELIORATION DE COLLABORATION EN TELECONFERENCE

(71) APPLIED MINDS, INC. [US/US]; 1209 Grand Central Avenue, Glendale, CA 91201 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) FERREN, Bran; 1236 Benedict Canyon Drive, Beverly Hills, CA 90210 (US). HILLIS, W., Daniel; 4750 Encino Avenue, Encino, CA 91316 (US).

(74) GLENN, Michael, A. et al. / etc.; Glenn Patent Group, 3475 Edison Way, Ste. L., Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04J 3/06

(11) WO 2005/029740 (13) A1

(21) PCT/EP2003/010524

(22) 22 Sep/sep 2003 (22.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR REMOTE CONTROLLED CLOCK SYNTHESIS IN TRANSMISSION VIA A DIGITAL MULTIMEDIA LINK

• SYSTEME ET PROCEDE PERMETTANT DE REALISER UNE SYNTHESE D'HORLOGE TELECOMMANDEE LORS D'UNE TRANSMISSION VIA UN LIEN MULTIMEDIA NUMERIQUE

(71) INOVA SEMICONDUCTORS GMBH [DE/DE]; Ismaninger Str.3 Rgb., 81675 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RIEDEL, Michael** [DE/DE]; Inova Semiconductors GmbH, Ismaninger Str. 3 Rgb., 81675 München (DE). **NEUMANN, Roland** [DE/DE]; Inova Semiconductors GmbH, Ismaninger Str. 3 Rgb., 81675 München (DE).

(74) **WINTER BRANDL FÜRNISS HÜBNER RÖSS KAISER POLTE PARTNER-SHIP**; Patent and Law Firm, Alois-Steinacker-Strasse 22, 85354 Freising (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04J 14/02

(11) **WO 2005/029741** (13) A1

(21) PCT/US2004/030001

(22) **13 Sep/sep 2004 (13.09.2004)**

(25) en (26) en

(30) 60/502,323 **12 Sep/sep 2003** US (12.09.2003)

(30) 10/767,401 **29 Jan/jan 2004** US (29.01.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • OPTICAL NETWORK ARCHITECTURE FOR SIMULTANEOUS TRANSPORT OF ANALOG VIDEO SIGNALS AND ETHERNET DATA

• ARCHITECTURE DE RESEAU OPTIQUE POUR TRANSPORT SIMULTANE DE SIGNAUX AUDIO ANALOGIQUES ET DE DONNEES ETHERNET

(63) US 10/767,401 (CON) 29 Jan/jan 2004 (29.01.2004)

(71) **AURORA NETWORKS, INC.** [US/US]; 2803 Mission College Boulevard, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOSTERT, Willem** [US/US]; 4757 241st Ave. SE, Issaquah, WA 98029 (US). **SNIEZKO, Oleh** [CA/US]; 9357 South Cornell Circle, Highlands Ranch, CO 80130 (US). **VILLA, Ricardo** [MX/US]; 1660 Hope Drive, Apt. 1522, Santa Clara, CA 95054 (US). **CHANG, Samuel** [US/US]; 1033 Jefferson Ave., #5, Redwood City, CA 94063 (US). **BARKER, Charles** [US/US]; 942 Erica Drive, Sunnyvale, CA 94086 (US).

(74) **BRUCKNER, John, J.**; John Bruckner PC, 5708 Back Bay Lane, Austin, TX 78739-1723 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04L

(11) **WO 2005/029742** (13) A2

(21) PCT/US2004/027394

(22) **24 Aug/août 2004 (24.08.2004)**

(25) en (26) en

(30) 60/501,302 **9 Sep/sep 2003** US (09.09.2003)

(30) 10/750,203 **31 Dec/déc 2003** US (31.12.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR ESTIMATING SIGNAL MAGNITUDE, NOISE POWER, AND SIGNAL-TO-NOISE RATIO OF RECEIVED SIGNALS

• PROCEDE PERMETTANT D'ESTIMER L'AMPLITUDE DE SIGNAL, LA PUISSANCE DE BRUIT ET LE RAPPORT SIGNAL SUR BRUIT DE SIGNAUX REÇUS

(71) **INTERDIGITAL TECHNOLOGY CORPORATION?** [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LI, Bin?** [CA/US]; 500 Peconic Street, Apt. 25A, Ronkonkoma, NY 11779 (US). **STERNBERG, Gregory, S.?** [US/US]; 50 Brompton Road, Apt. 2B, Great Neck, NY 11021 (US). **PIETRASKI, Philip, J.?** [US/US]; 7 Talbot Place, Huntington Station, NY 11746 (US).

(74) **BALLARINI, Robert, J.?**; Volpe and Koenig, P.C., United Plaza, Suite 1600, 30 South 17th Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L

(11) **WO 2005/029743** (13) A2

(21) PCT/US2004/029347

(22) **8 Sep/sep 2004 (08.09.2004)**

(25) en (26) en

(30) 10/662,872 **16 Sep/sep 2003** US (16.09.2003)

(30) 10/740,087 **17 Dec/déc 2003** US (17.12.2003)

(30) 10/851,505 **21 May/mai 2004** US (21.05.2004)

(30) 10/867,153 **14 Jun/juin 2004** US (14.06.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DATA-LEVEL CLOCK RECOVERY

• RECUPERATION D'HORLOGE AU NIVEAU DES DONNEES

(71) **RAMBUS INC.** [US/US]; 4440 El Camino Real, Los Altos, CA 94022 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STOJANOVIC, Vladimir, M.** [YU/US]; 73 Barnes Court, Apt. B, Stanford, CA 94305 (US).

(74) **SHEMWELL, Charles, E.**; Shemwell Gregory & Courtney LLP, 4880 Stevens Creek Blvd., Suite 201, San Jose, CA 95129 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L

(11) **WO 2005/029744** (13) A2

(21) PCT/US2004/029475

(22) **10 Sep/sep 2004 (10.09.2004)**

(25) en (26) en

(30) 10/663,174 **15 Sep/sep 2003** US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ULTRA-WIDEBAND COMMUNICATION PROTOCOL

• PROTOCOLE DE COMMUNICATION A BANDE ULTRALARGE

(71) **PULSE-LINK, INC.** [US/US]; 1969 Kellogg Road, Carlsbad, CA 92008 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SANTHOFF, John [US/US]; 6434 Kinglet Way, Carlsbad, CA 92009 (US). SIWIAK, Kazimierz [US/US]; 10988 N.W. 14th Street, Coral Springs, FL 33071 (US).

(74) MARTINEZ, Peter, R.; Pulse-Link, Inc., 1969 Kellogg Road, Carlsbad, CA 92008 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04L

(11) WO 2005/029745 (13) A2

(21) PCT/US2004/029719

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 10/661,220 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ADVERTISING BASED ON A SEARCH STRING AND USER ATTRIBUTE COMBINATION

• PUBLICITE FONDEE SUR UNE COMBINAISON D'UNE CHAINE DE RECHERCHE ET D'UN ATTRIBUT UTILISATEUR

(71) ASK JEEVES, INC. [US/US]; 24 Prime Park Way, Natick, MA 01760 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAINEY, Jim, E. [US/US]; 1555 West Middlefield Road #97, Mountain View, CA 94043 (US).

(74) DE KLERK, Stephen, M. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L

(11) WO 2005/029746 (13) A2

(21) PCT/US2004/029776

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 60/502,546 12 Sep/sep 2003 US (12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD PROVIDING DISCONNECTED AUTHENTICATION

• SYSTEME ET PROCEDE D'AUTHEMIFICATION DECONNCTEE

(71) RSA SECURITY INC. [US/US]; 174 Middlesex Turnpike, Bedford, MA 01730 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NANOPOULOS, Andrew [US/US]; 6 Lilah Circle, Wakefield, MA 01880 (US).

ACKERMAN, Karl [US/US]; 114 Chandler Street, #5, Boston, MA 02116 (US).

BOWNESS, Piers [US/US]; 21 South Chelmsford Road, Westford, MA 01886 (US).

DUANE, William [US/US]; 4 Howard Road, Westford, MA 01886 (US).

JAKOBSSON, Markus [US/US]; 1203 Garden Street, Hoboken, NJ 07030 (US).

KALISKI, Burt [US/US]; 22 Pembroke Road, Wellesley, MA 02181 (US).

PAL, Dmitri [US/US]; 45 Pinewood Drive, Framingham, MA 01701 (US).

RICE, Shane, D. [US/US]; 300 Commercial Street, Apt. 203, Boston, MA 02109 (US).

(74) DURKEE, Paul, D. et al. / etc.; Suite 101, 275 Turnpike Street, Canton, Massachusetts 02021 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04L

(11) WO 2005/029747 (13) A2

(21) PCT/US2004/030101

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/661,511 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR LOCATING AND DETERMINING DISCONTINUITIES AND ESTIMATING LOOP LOSS IN A COMMUNICATIONS MEDIUM USING FREQUENCY DOMAIN CORRELATION

• SYSTEME ET PROCEDE DE LOCALISATION ET DE DETERMINATION DES DISCONTINUITES ET DE PERTE DANS LE CIRCUIT ESTIMATEUR D'UN SUPPORT DE COMMUNICATIONS UTILISANT LA CORRELATION DANS LE DOMAINE FREQUENTIEL

(71) SPIRENT COMMUNICATIONS OF ROCKVILLE, INC. [US/US]; 15200 Omega Drive, Rockville, MD 20850 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAILEY, George, R. [US/US]; 3 Victoria Crossing Court, Gaithersburg, MD 20877 (US).

ZHOU, Terry [CN/US]; 21205 Lake Spray Terrace, Germantown, MD 20850 (US).

(74) VILLACORTA, Gilberto, M. et al. / etc.; Katten Muchin Zavis Rosenman, 1025 Thomas Jefferson Street, NW, East Lobby, Suite 700, Washington, DC 20007-5201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L

(11) WO 2005/029748 (13) A2

(21) PCT/US2004/030301

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/662,752 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AUTOMATIC DEVICE CONFIGURATION TO RECEIVE NETWORK SERVICES

• CONCEPTION DE DISPOSITIF AUTOMATIQUE AUX FINS DE RECEPTION DE SERVICES DE RESEAU

(71) **AT & T WIRELESS SERVICES, INC.** [US/US]; 7277 164th Ave. NE, Redmond, WA 98052 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TWIGG, Rebecca, L.** [US/US]; Redmond, WA 98052 (US). **KORO, Zlata** [US/US]; Mill Creek, WA 98012 (US). **BEE-MAN, Bonnie, L.** [US/US]; Renton, WA 98056 (US).

(74) **MIRHO, Charles, A.**; 112 W. 37th St., Vancouver, WA 98660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

*(s) for all designations / pour toutes les désignations*

*(t) for all designations / pour toutes les désignations*

(51)<sup>7</sup> **H04L**

(11) **WO 2005/029749** (13) A2

(21) PCT/US2004/030315

(22) **15 Sep/sep 2004 (15.09.2004)**

(25) en (26) en

(30) 10/664,792 **16 Sep/sep 2003 US (16.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **SPUR MITIGATION TECHNIQUES**

- **TECHNIQUES D'ATTENUATION DE PARASITE**

(71) **ATHEROS COMMUNICATIONS, INC.** [US/US]; 529 Almanor Avenue, Sunnyvale, CA 94085-3512 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CHOI, Won-Joon** [KR/US]; 816 Saratoga Avenue, #M201, San Jose, CA 95129 (US). **GILBERT, Jeffrey, M.** [US/US]; 825 E. Evelyn Avenue, #215, Sunnyvale, CA 94086 (US). **WANG, Yi-Hsiu** [—/US]; 644 Barron Avenue, Palo Alto, CA 94306 (US). **ZHANG, Xiaoru** [CN/US]; 668 Gail Avenue, #D4, Sunnyvale, CA 94086 (US).

(74) **BEVER, HOFFMAN & HARMS, LLP**; 2099 Gateway Place, Suite 320, San Jose, CA 95110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04L**

(11) **WO 2005/029750** (13) A2

(21) PCT/US2004/030351

(22) **16 Sep/sep 2004 (16.09.2004)**

(25) en (26) en

(30) 10/666,776 **18 Sep/sep 2003 US (18.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **A DEVICE, SYSTEM, METHOD AND COMPUTER READABLE MEDIUM FOR ATTACHING TO A DEVICE IDENTIFIED BY AN ACCESS POINT NAME IN A WIDE AREA NETWORK PROVIDING PARTICULAR SERVICES**

- **DISPOSITIF, SYSTEME, PROCEDURE ET SUPPORT LISIBLE PAR ORDINATEUR PERMETTANT UNE CONNEXION A UN DISPOSITIF IDENTIFIE PAR UN NOM DE POINT D'ACCES DANS UN RESEAU ETENDU FOURNISSANT DES SERVICES PARTICULIERS**

(71) **IXI MOBILE, INC.** [US/US]; 275 Shoreline Drive, Suite 600, Redwood City, CA 94065 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HALLER, Amit** [IL/US]; 2208 Bettina Avenue, Belmont, CA 94002 (US). **FORNELL, Peter** [SE/US]; 1355 Hoodview Lane, Lake Oswego, OR 97034 (US). **ITZCHAK, Avraham** [IL/IL]; Havered 19 Street, Ra'anana 43523 (IL). **HAPARNAS, Ziv** [IL/IL]; 3 Bergson Street, Tel Aviv 69106 (IL). **LEVI, Yosi** [IL/IL]; Kefar Aviv 312, P.O. Box 52, 79241 (IL). **KVETNY, Edward** [IL/IL]; Rambam 50, Rishon Letzion (IL). **GLICK, Amir** [IL/IL]; Tahkemoni 2 Street, Tel Aviv, 65151 (IL). **HOLOSTOV, Vladimir** [IL/IL]; Bar Ilan 11/30, Kfar Saba 44378 (IL).

(74) **DENIRO, Kirk, J.**; Vierra Magen marcus Harmon & DeNiro LLP, 685 Market Street, Suite 540, San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04L**

(11) **WO 2005/029751** (13) A2

(21) PCT/US2004/030494

(22) **16 Sep/sep 2004 (16.09.2004)**

(25) en (26) en

(30) 60/503,760 **16 Sep/sep 2003 US (16.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **SYSTEMS AND METHODS TO SUPPORT QUALITY OF SERVICE IN COMMUNICATIONS NETWORKS**

- **SYSTEMES ET PROCEDES PERMETTANT LA PRISE EN CHARGE D'UNE QUALITE DE SERVICE DANS DES RESEAUX DE COMMUNICATION**

(71) **NEXTHOP TECHNOLOGIES, INC.** [US/US]; 825 Victors Way, Suite 100, Ann Arbor, MI 48108 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72) **HARES, SusanTAVS, John**

(74) **MEHRA, Shailesh**; Perkins Coie LLP, 101 Jefferson Drive, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04L**

(11) **WO 2005/029752** (13) A2

(21) PCT/US2004/030538

(22) **15 Sep/sep 2004 (15.09.2004)**

(25) en (26) en

(30) 10/662,656 **15 Sep/sep 2003 US (15.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **TERMINAL DEVICE IP ADDRESS AUTHENTICATION**

- **AUTHENTIFICATION DE L'ADRESSE IP D'UN DISPOSITIF TERMINAL**

(71) **AT & T WIRELESS SERVICES, INC.** [US/US]; 7277 164th Avenue NE, Redmond, WA 98052 (US).

(72) **BARCHI, Ronald, S.**; Maple Valley, WA 98038 (US). **BHUYAN, Krishna**; Redmond, WA 98052 (US).

(74) **MIRHO, Charles, A.**; 112 W. 37th St., Vancouver, WA 98660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les designations

(t) for all designations / pour toutes les designations

(51)<sup>7</sup> H04L

(11) WO 2005/029753 (13) A2

(21) PCT/US2004/030679

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,171 18 Sep/sep 2003 US (18.09.2003)

(30) 10/944,503 16 Sep/sep 2004 US (16.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR EFFICIENT PREAMBLE DETECTION IN DIGITAL DATA RECEIVERS

• PROCEDE ET APPAREIL POUR DETECTER EFFICACEMENT UN PREAMBULE DANS DES RECEPTEURS DE DONNEES NUMERIQUES

(71) AGILE TV CORPORATION [US/US]; 333 Ravenswood Avenue, Bldg. 202, Menlo Park, CA 94025 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) FOSTER, Mark, J.; 4157 Interdale Way, Palo Alto, CA 94306 (US).

(74) GLENN, Michael, A. et al. / etc.; Glenn Patent Group, 3475 Edison Way, Ste. L., Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L

(11) WO 2005/029754 (13) A2

(21) PCT/US2004/030717

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/503,688 17 Sep/sep 2003 US (17.09.2003)

(30) 10/919,198 16 Aug/août 2004 US (16.08.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR REDUCING INTERFERENCE WITHIN A COMMUNICATION SYSTEM

• PROCEDE DE REDUCTION DES INTERFERENCES DANS UN SYSTEME DE COMMUNICATION

(71) MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THOMAS, Timothy A., [US/US]; 114 Arlene Avenue, Palatine, IL 60074 (US). VOOK, Frederick W., [US/US]; 521 Cutters Mill Lane, Schaumburg, IL 60194 (US).

(74) HAAS, Kenneth A., et al. / etc.; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L

(11) WO 2005/029755 (13) A2

(21) PCT/US2004/030742

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/665,338 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ADVANCED ENCRYPTION STANDARD (AES) ENGINE WITH REAL TIME S-BOX GENERATION

• MOTEUR A STANDARD AES (ADVANCED ENCRYPTION STANDARD) A GENERATION DE BOITIER S EN TEMPS REEL

(71) ANALOG DEVICES, INC. [US/US]; Three Technology Way, Norwood, MA 02062 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEIN, Yosef [IL/US]; 4 Turning Mill Road, Sharon, MA 02067 (US). KABLITSKY, Joshua, A. [US/US]; 2191 Bay Road, Sharon, MA 02067 (US).

(74) POIRIER, David, W. et al. / etc.; Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02451 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L

(11) WO 2005/029756 (13) A2

(21) PCT/US2004/006987

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 10/403,834 31 Mar/mar 2003 US (31.03.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR PARTIALLY ENCRYPTED MULTIMEDIA STREAM

• SYSTEME ET PROCEDE POUR FLUX MULTIMEDIA PARTIELLEMENT CHIFFRE

(71) SONY ELECTRONICS, INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) PEDLOW, Leo, M., Jr.; 17193 Garjan Lane, Ramona, CA 92065 (US). DEROVANESIAN, Henry; 4136 Caminito Cassis, San Diego, CA 92122 (US). CANDELORE, Brant; 10124 Quail Glen Way, Escondido, CA 92029 (US).

(74) ROGITZ, John, L.; Rogitz & Associates, 750 B Street, Suite 3120, San Diego, CA 92101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 1/06

(11) WO 2005/029757 (13) A1

(21) PCT/FR2004/000538

(22) 5 Mar/mar 2004 (05.03.2004)

(25) fr (26) fr

(30) 03/10360 1 Sep/sep 2003 FR (01.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RECEIVER AND METHOD FOR DECODING A CODED SIGNAL WITH THE AID OF A SPACE-TIME CODING MATRIX

• RECEPTEUR ET PROCEDE DE DECODAGE D'UN SIGNAL CODE A L'AIDE D'UNE MATRICE DE CODAGE ESPACE-TEMPS

(71) FRANCE TELECOM [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **HELARD, Maryline** [FR/FR]; 5, rue Charles Demange, F-35700 Rennes (FR). **BOUVET, Pierre-Jean** [FR/FR]; 75, avenue Aristide Briand, F-35700 Rennes (FR). **LE NIR, Vincent** [FR/FR]; 59, boulevard de Strasbourg, F-35000 Rennes (FR). **LE GOUABLE, Rodolphe** [FR/FR]; 30, square de la Fosse aux Moines, F-35510 Cesson-Sevigne (FR).
- (74) **BIORET, L.**; Cabinet Vidon, 16B, rue de Jouanet, BP 90333, F-35703 Rennes Cedex 7 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L 1/06**
- (11) **WO 2005/029759** (13) A2
- (21) PCT/US2004/029768
- (22) **10 Sep/sep 2004 (10.09.2004)**
- (25) en (26) en
- (30) 60/503,092 **15 Sep/sep 2003 US (15.09.2003)**
- (30) 10/880,158 **28 Jun/juin 2004 US (28.06.2004)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MULTICARRIER TRANSMITTER, MULTICARRIER RECEIVER, AND METHODS FOR COMMUNICATING MULTIPLE SPATIAL SIGNAL STREAMS
- TRANSMETTEUR MULTIPORTEUSE, RECEPTEUR MULTIPORTEUSE ET PROCEDES DE COMMUNICATION DE FLUX DE SIGNAUX SPATIAUX MULTIPLES
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72) **SANDHU, Sumeet**; 25 Rio Robles East, #408, San Jose, CA 95134 (US). **SHAO, Lei**; 2579 Los Coches Avenue, San Jose, CA 95128 (US).
- (74) **STEFFEY, Charles, E. et al. / etc.**; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L 1/06, 1/00, 27/26, H04B 7/06, 7/08**
- (11) **WO 2005/029758** (13) A2
- (21) PCT/US2004/029698
- (22) **10 Sep/sep 2004 (10.09.2004)**
- (25) en (26) en
- (30) 60/503,092 **15 Sep/sep 2003 US (15.09.2003)**
- (30) 10/814,113 **30 Mar/mar 2004 US (30.03.2004)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MULTIPLE ANTENNA SYSTEMS AND METHODS USING HIGH-THROUGHPUT SPACE-FREQUENCY BLOCK CODES
- SYSTEMES A ANTENNES MULTIPLES ET PROCEDES UTILISANT DES CODES DE BLOCS A FREQUENCE SPATIALE A HAUT DEBIT
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72) **SHAO, Lei**; 2579 Los Coches Avenue, San Jose, CA 95128 (US).
- (74) **STEFFEY, Charles, E. et al. / etc.**; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
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- (51)<sup>7</sup> **H04L 1/18, 1/00**
- (11) **WO 2005/029760** (13) A1
- (21) PCT/EP2004/009257
- (22) **18 Aug/août 2004 (18.08.2004)**
- (25) en (26) en
- (30) 10/666,267 **22 Sep/sep 2003 US (22.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHODS AND APPARATUS FOR EFFICIENT DECODING
- PROCEDES ET APPAREILS POUR REALISER UN DECODAGE EFFICACE
- (71) **TELEFONAKTIEBOLAGET L M ERICSSON (publ)** [SE/SE]; S-164 83 Stockholm (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WINTZELL, Ola** [SE/SE]; Flyinge 791, S-247 91 Södra Sandby (SE).
- (74) **ONSHAGE, Anders**; Ericsson AB, Patent Unit Mobile Platforms, S-221 83 Lund (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L 7/08, 7/00, 12/28**
- (11) **WO 2005/029761** (13) A1
- (21) PCT/JP2004/011420
- (22) **3 Aug/août 2004 (03.08.2004)**
- (25) ja (26) ja
- (30) 2003-324919 **17 Sep/sep 2003 JP (17.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • COMMUNICATION SYSTEM AND METHOD, INFORMATION PROCESSING APPARATUS AND METHOD, AND PROGRAM
- SYSTEME ET PROCEDE DE TRANSMISSION, APPAREIL ET PROCEDE DE TRAITEMENT DE DONNEES ET PROGRAMME
- (71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OOI, Takuya** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).
- (74) **INAMOTO, Yoshio**; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo, 1600023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 9/00

(11) WO 2005/029762 (13) A2

(21) PCT/US2004/028677

(22) 2 Sep/sep 2004 (02.09.2004)

(25) en (26) en

(30) 60/499,563 2 Sep/sep 2003 US (02.09.2003)

(30) 60/502,866 11 Sep/sep 2003 US (11.09.2003)

(30) 10/932,514 1 Sep/sep 2004 US (01.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR PROVIDING AUTHENTICATED CHALLENGES FOR BROADCAST-MULTICAST COMMUNICATIONS IN A COMMUNICATION SYSTEM

• PROCEDE ET APPAREIL POUR LANCER DES INTERROGATIONS DESTINEES AUX COMMUNICATIONS MULTIDIFFUSION DANS UN SYSTEME DE COMMUNICATION

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, California 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEMPLE, James [CA/GB]; 7 Queensgate Place #4, London, Greater London W11 1JA (GB). ROSE, Gregory G. [AU/AU]; 40 Archer Street, Concord, New South Wales 2137 (AU).

(74) OEHLING, George J. et al. / etc.; 5775 Morehouse Drive, San Diego, California 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR)

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04L 9/30

(11) WO 2005/029763 (13) A1

(21) PCT/SE2004/001367

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 0302524-4 22 Sep/sep 2003 SE (22.09.2003)

(30) 60/504,946 23 Sep/sep 2003 US (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DATA COMMUNICATION SECURITY ARRANGEMENT AND METHOD

• DISPOSITIF ET PROCEDE DE SECURISATION DE COMMUNICATIONS DE DONNEES

(71) IMPSYS DIGITAL SECURTY AB [SE/SE]; Kungsposten 4E, S-427 50 Billdal (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WIDMAN, Mathias [SE/SE]; Kullingsbervägen 13, S-441 43 Alingsås (SE). SVENSSON, Hans [SE/SE]; Bäraregatan 10, S-441 35 Alingsås (SE). JOHANSSON, Christer [SE/SE]; Odengatan 16, S-441 51 Alingsås (SE).

(74) STRÖM & GULLIKSSON IP AB; Lindholmspiren 5, S-417 56 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/IB2003/004088

(22) 22 Sep/sep 2003 (22.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND ELECTRONIC TERMINAL FOR RFID TAG TYPE ENCRYPTION

• PROCEDE ET TERMINAL ELECTRONIQUE PERMETTANT LE CRYPTAGE DU TYPE D'UNE ETIQUETTE D'IDENTIFICATION PAR RADIOFREQUENCE (IDRF)

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KÜHL, Carmen [DE/DE]; Plauener Str. 2, 44139 Dortmund (DE). SCHETELIG, Markus [DE/DE]; Imbuschstrasse 54, 45731 Waltrop (DE). SOEHNER, Jens-Uwe [DE/DE]; Walter-Dirks-Strasse 8, 44263 Dortmund (DE).

(74) KURIG, Thomas; Becker, Kurig, Straus, Bavariastrasse 7, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 9/32, H04N 7/167

(11) WO 2005/029765 (13) A1

(21) PCT/JP2004/013979

(22) 16 Sep/sep 2004 (16.09.2004)

(25) ja (26) ja

(30) 2003-327519 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TRANSMITTING APPARATUS, RECEIVING APPARATUS, AND DATA TRANSMITTING SYSTEM

• APPAREIL DE TRANSMISSION, APPAREIL DE RECEPTION, ET SYSTEME DE TRANSMISSION DE DONNEES

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIMOSATO, Tsutomu [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). ITO, Yujiro [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). TSUJIKAWA, Kazunobu [JP/JP]; C/O SONY HUMAN CAPITAL CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).

(74) SUGIURA, Masatomo et al. / etc.; 7th Floor, Ikebukuro Park Bldg., 49-7, Minami Ikebukuro 2-chome, Toshima-ku, Tokyo 1710022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04L 12/00  
(11) WO 2005/029766 (13) A2  
(21) PCT/US2004/030510  
(22) 16 Sep/sep 2004 (16.09.2004)  
(25) en (26) en  
(30) 10/664,591 19 Sep/sep 2003 US (19.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • METHODS AND APPARATUS FOR SWITCHING BETWEEN METRO ETHERNET NETWORKS AND EXTERNAL NETWORKS  
• PROCEDES ET APPAREIL DE COMMUTATION ENTRE DES RESEAUX ETHERNET METROPOLITAINS (METRO ETHERNET) ET DES RESEAUX EXTERNES
- (71) CISCO TECHNOLOGY, INC. [US/US]; 170 West Tasman Drive, San Jose, CA 95134-1706 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WU, Michael [US/US]; 1016 McGregor Way, Palo Alto, CA 94306 (US). VICK-ROY, John [US/US]; 1362 Bedford Street, Fremont, CA 94539 (US). INDIRESAN, Atri [IN/US]; 651 W. Homestead Road, #1, Sunnyvale, CA 94087 (US).
- (74) KWAN, Godfrey, K.; Beyer Weaver & Thomas, LLP, P.O. Box 70250, Oakland, CA 94612-0250 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04L 12/14, 12/26  
(11) WO 2005/029768 (13) A1  
(21) PCT/EP2004/052105  
(22) 9 Sep/sep 2004 (09.09.2004)  
(25) de (26) de  
(30) 10343764.9 17 Sep/sep 2003 DE (17.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • METHOD FOR MEASURING THE EFFECTIVE TIME OF DATA TRANSMISSION IN A PACKET-BASED NETWORK  
• PROCEDE POUR MESURER LA DUREE REELLE D'UNE TRANSMISSION DE DONNEES DANS UN RESEAU ORIENTE PAQUETS
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BÖHME, Olaf [DE/DE]; Bärenlauchstr. 95, 12439 Berlin (DE). ENGEL, Thomas [DE/DE]; Neckarstr. 4, 12053 Berlin (DE). HICKETHIER, Thomas [DE/DE]; Lehderstr. 54, 13086 Berlin (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04L 12/02  
(11) WO 2005/029767 (13) A2  
(21) PCT/US2004/030194  
(22) 15 Sep/sep 2004 (15.09.2004)  
(25) en (26) en  
(30) 10/663,922 16 Sep/sep 2003 US (16.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • SYSTEMS AND METHODS FOR INDICATING QUALITY OF WIRELESS CONNECTION  
• SYSTEMES ET PROCEDES D'INDICATION DE QUALITE D'UNE CONNEXION SANS FIL
- (71) BBNT SOLUTIONS LLC [—/US]; 10 Moulton Street, Cambridge, MA 02138 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ELLIOTT, Brig, Barnum [US/US]; 25 Wollaston Avenue, Arlington, MA 02476 (US).
- (74) GORDON, Edward, A. et al. / etc.; Ropes & Gray LLP, One International Place, Boston, MA 02110-2624 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04L 12/14  
(11) WO 2005/029769 (13) A1  
(21) PCT/EP2004/008158  
(22) 21 Jul/juil 2004 (21.07.2004)  
(25) de (26) de  
(30) 103 41 362.6 8 Sep/sep 2003 DE (08.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • METHOD FOR BILLING A SERVICE IN A PACKET DATA NETWORK  
• PROCEDE DE FACTURATION D'UN SERVICE DANS UN RESEAU DE DONNEES A COMMUTATION PAR PAQUETS
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BOLKA, Florian [AT/AT]; Untermeierhof 21, A-2540 Alland (AT). BRODT, Raffaella [AT/AT]; Reisenbauerring 1/5/32, A-2351 Wr. Neudorf (AT). FREIBERGER, Daniel [AT/AT]; Anningerstrasse 26/11/1, A-2340 Mödling (AT). GUDENUS, Gabriel [AT/AT]; Plankengasse 6, A-1010 Wien (AT). HAINDL, Helmut [AT/AT]; Thaliastrasse 16, A-1160 Wien (AT).
- (74) BERG, Peter; Siemens AG, Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04L 12/16  
(11) WO 2005/029770 (13) A1  
(21) PCT/KR2004/002314  
(22) 10 Sep/sep 2004 (10.09.2004)  
(25) ko (26) en  
(30) 10-2003-0065949 23 Sep/sep 2003 KR (23.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • UPNP-BASED MEDIA CONTENTS REPRODUCING SYSTEM AND METHOD THEREOF  
• SYSTEME DE REPRODUCTION DE CONTENUS DE MEDIAS A BASE UPNP ET PROCEDE ASSOCIE
- (71) LG ELECTRONICS INC. [KR/KR]; 20 Yoido-Dong, Yongdungpo-Gu, Seoul 150-010 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*



(72, 75) **KIM, Chang-Hyun** [KR/KR]; 751-1, Yongseol-Ri, Juksan-Myeon, Anseong, Gyeonggi-Do 456-893 (KR). **MIN, Ku-Bong** [KR/KR]; 430, 5/5, Sangdo 1-Dong, Dongjak-Gu, Seoul 156-830 (KR).

(74) **PARK, Jang-Won**; Jewoo Bldg. 5th Floor, 200 Nonhyun-Dong, Gangnam-Gu, Seoul 135-010 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 12/24, 12/54

(11) WO 2005/029771 (13) A1

(21) PCT/CA2004/001712

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,379 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HANDHELD ELECTRONIC DEVICE AND ASSOCIATED METHOD PROVIDING TIME DATA IN A MESSAGING ENVIRONMENT

• DISPOSITIF ELECTRONIQUE PORTATIF ET PROCEDE ASSOCIE FOURNISANT DES DONNEES TEMPORELLES DANS UN ENVIRONNEMENT DE MESSAGERIE

(71) **RESEARCH IN MOTION LIMITED** [CA/CA]; 295 Phillip Street, Waterloo, Ontario N2L 3W8 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72) **KLASSEN, Gerhard, D.**; 510 Heatherhill Place, Waterloo, Ontario N2T 1H7 (CA). **WORMALD, Christopher, R.**; 215 Hawkswood Dr., Kitchener, Ontario N2K 4J2 (CA). **KUHL, Lawrence, E.**; 686 Jacob Lane, Waterloo, Ontario N2V 2G9 (CA).

(74) **WONG, Jeffrey, W. et al.** / etc.; Borden Ladner Gervais LLP, 100 Queen Street, Suite 1100, Ottawa, Ontario K1P 1J0 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H04L 12/24

(11) WO 2005/029772 (13) A1

(21) PCT/CN2004/000660

(22) 22 Jun/juin 2004 (22.06.2004)

(25) zh (26) zh

(30) 03146962.0 25 Sep/sep 2003 CN (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A METHOD FOR SPARING THE PERSONAL INFORMATION IN THE LOST MOBILE TERMINAL

• PROCEDE DE SAUVEGARDE D'INFORMATIONS PERSONNELLES DANS LE CAS D'UN TERMINAL MOBILE PERDU

(71) **ZTE CORPORATION** [CN/CN]; ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WANG, Yaying** [CN/CN]; ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). **DAI, Hengjun** [CN/CN]; ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). **WANG, Zhiqiang** [CN/CN]; ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(74) **LEADER PATENT & TRADEMARK FIRM et al.** / etc.; Daolong Building, No.13 Huayuanlu, Haidian District, Beijing 100088 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 12/28

(11) WO 2005/029773 (13) A1

(21) PCT/CN2004/001028

(22) 7 Sep/sep 2004 (07.09.2004)

(25) zh (26) zh

(30) 03134676.6 25 Sep/sep 2003 CN (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF IMPLEMENTING USER LOCATION IDENTIFIER TRANSFER

• PROCEDE DE MISE EN OEUVRE D'UN TRANSFERT D'IDENTIFIANT DE LOCALISATION D'UN UTILISATEUR

(71) **HUAWEI TECHNOLOGIES CO., LTD.** [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WU, Haijun** [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(74) **DEQI INTELLECTUAL PROPERTY LAW CORPORATION**; 8 Fl., Golder Plaza, No. 10, Huayuan-donglu, Haidian District, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 12/28, 12/56, 1/16

(11) WO 2005/029774 (13) A2

(21) PCT/GB2004/004026

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 0322132.2 22 Sep/sep 2003 GB (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF DATA HANDLING IN A WLAN

• PROCEDE DE MANIPULATION DE DONNEES DANS UN RESEAU LOCAL SANS FIL

(71) **SYNAD TECHNOLOGIES LIMITED** [GB/GB]; Abbey House, 1650 Arlington Business Park, Theale, Reading Berkshire RG6 4SA (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORETON, Michael, John, Vidion** [GB/GB]; 10 Blowhorn Street, Marlborough, Wiltshire SN8 1BT (GB).

(74) **FROST, Alex, John et al.** / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 12/28

(11) WO 2005/029775 (13) A2

(21) PCT/IB2004/051709

(22) 8 Sep/sep 2004 (08.09.2004)

(25) en (26) en

(30) 03124914.0 19 Sep/sep 2003 CN  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A ROUTING METHOD AND A MOBILE TERMINAL TO PERFORM THE METHOD IN WIRELESS COMMUNICATION SYSTEMS

• METHODE D'ACHEMINEMENT ET TERMINAL MOBILE POUR METTRE EN OEUVRE LA METHODE DANS DES SYSTEMES DE COMMUNICATION SANS FIL

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JIA, Bruce [CN/CN]; Philips Electronics China 21/F Kerry, Office Building 218 Tian Mu Xi Road, Shanghai 200070 (CN). SUN, Li [CN/CN]; Philips Electronics China 21/F Kerry, Office Building 218 Tian Mu Xi Road, Shanghai 200070 (CN). PAN, Sheng [CN/CN]; Philips Electronics China 21/F Kerry, Office Building 218 Tian Mu Xi Road, Shanghai 200070 (CN).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o Haque, Azir, Philips Electronics China 21/F Kerry, Office Building 218 Tian Mu Xi Road, Shanghai 200070 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04L 12/28

(11) WO 2005/029776 (13) A1

(21) PCT/IB2004/051764

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 03103515.7 23 Sep/sep 2003 EP  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONFIGURING NETWORK INTERFACE ON HOME NETWORK

• CONFIGURATION D'UNE INTERFACE RESEAU SUR UN RESEAU DOMESTIQUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ODIJK, Eddy, A., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) VERDONK, Peter, L., F., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04L 12/28

(11) WO 2005/029777 (13) A1

(21) PCT/IB2004/051801

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,838 22 Sep/sep 2003 US  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS TO RESOLVE TSF TIMER AMBIGUITY OF IEEE 802.11E SCHEDULE ELEMENT

• PROCEDES PERMETTANT DE RESOUDRE L'AMBIGUITE D'HORLOGE D'UNE FONCTION DES SYNCHRONISATION D'HORLOGE D'UN ELEMENT DE PROGRAMMATION IEEE 802.11E

(71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEL PRADO PAVON, Javier [CN/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). SOOMRO, Amjad [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). NANDAGOPALAN, Saishankar [IN/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). MANGOLD, Stefan [DE/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). ZHONG, Zhun [CN/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS, N.V.; c/o WAXLER, Aaron, P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04L 12/28

(11) WO 2005/029778 (13) A1

(21) PCT/JP2003/011796

(22) 16 Sep/sep 2003 (16.09.2003)

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMMUNICATION CONTROL CIRCUIT AND COMMUNICATION CONTROL METHOD

- CIRCUIT ET PROCEDE DE COMMANDE DE COMMUNICATION
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KAWANISHI, Suehiro [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) HATTORI, Kiyoshi; Hattori Patent Office, GE Edison Bldg. Hachioji, 9-8, Azuma-cho, Hachioji-shi, Tokyo 192-0082 (JP).
- (81) JP US.
- 
- (51)<sup>7</sup> H04L 12/28
- (11) WO 2005/029779 (13) A1
- (21) PCT/KR2004/002422
- (22) 21 Sep/sep 2004 (21.09.2004)
- (25) ko (26) en
- (30) 10-2003-0065676 22 Sep/sep 2003 KR (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • MULTICAST STREAMING SERVICE METHOD AND SYSTEM THEREOF
- PROCEDE ET SYSTEME ASSOCIES A UN SERVICE DE TRANSMISSION EN CONTINU MULTIDIFFUSION
- (71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Gu, Seoul, 150-010 (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, Chang-Hyun [KR/KR]; 751-1, Yongseol-Ri, Juksan-Myeon, Anseong, Gyeonggi-Do, 456-893 (KR). IM, Hyo-Jun [KR/KR]; Mokdong Apt. 1307-607, Sinjeong 6-Dong, Yangcheon-Gu, Seoul, 158-076 (KR).
- (74) PARK, Jang-Won; Jewoo Bldg. 5th Floor, 200, Nonhyun-Dong, Gangnam-Gu, Seoul, 135-010 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04L 12/42
- (11) WO 2005/029781 (13) A1
- (21) PCT/EP2004/009444
- (22) 24 Aug/août 2004 (24.08.2004)
- (25) de (26) de
- (30) 103 42 249.8 11 Sep/sep 2003 DE (11.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD FOR HANDLING DATA MESSAGES IN A COMMUNICATIONS SYSTEM, AN APPROPRIATE COMMUNICATIONS SYSTEM AND SUBSCRIBERS THEREOF
- PROCEDE DE MANIPULATION DE TELEGRAMMES DE DONNEES DANS UN SYSTEME DE COMMUNICATION, SYSTEME DE COMMUNICATION CORRESPONDANT, ET DISPOSITIFS D'ABONNE DE CELUI-CI
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KRAUSE, Karl-Heinz [DE/DE]; Augraben 41, 90475 Nürnberg (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (30) 10/663,870 16 Sep/sep 2003 US (16.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SYSTEMS AND METHODS FOR MEASURING THE DISTANCE BETWEEN DEVICES
- SYSTEMES ET PROCEDES DE MESURE DE DISTANCES ENTRE DES DISPOSITIFS
- (71) BBNT SOLUTIONS LLC [US/US]; 10 Moulton Street, Cambridge, MA 02138 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ELLIOT, Brig, Barnum [US/US]; 25 Wollaston Avenue, Arlington, MA 02476 (US).
- (74) GORDON, Edward, A. et al. / etc.; Ropes & Gray LLP, One International Place, Boston, MA 02110-2624 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> H04L 12/46
- (11) WO 2005/029782 (13) A1
- (21) PCT/JP2004/013338
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) ja (26) ja
- (30) 2003-329829 22 Sep/sep 2003 JP (22.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • CONCENTRATOR, RELAY CONTROL METHOD, RELAY CONTROL PROGRAM, RECORDING MEDIUM CONTAINING THE RELAY CONTROL PROGRAM, INFORMATION PROCESSING DEVICE, DHCP SERVER, DHCP PROCESSING METHOD, DHCP PROCESSING PROGRAM, RECORDING MEDIUM CONTAINING DHCP PROCESSING PROGRAM, AND INFORMATION PROCESSING SYSTEM
- CONCENTRATEUR, PROCEDE ET PROGRAMME DE COMMANDE DE RELAIS, SUPPORT D'ENREGISTREMENT CONTENANT LE PROGRAMME DE COMMANDE DE RELAIS, DISPOSITIF DE TRAITEMENT DE DONNEES, SERVEUR DHCP, PROCEDE ET PROGRAMME DE TRAITEMENT DHCP, SUPPORT D'ENREGISTREMENT CONTENANT LE PROGRAMME DE TRAITEMENT DHCP, ET SYSTEME DE TRAITEMENT DE DONNEES
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka, 5458522 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UMEKAGE, Atsushi/TAKATANI, Hiroshi/KUNIKAWA, Norihide
- (74) HARA, Kenzo et al. / etc.; HARA KENZO WORLD PATENT & TRADEMARK PATENT LAW FIRM, Daiwa Minamimori-machi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi Osaka, 5300041 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04L 12/46

(11) WO 2005/029783 (13) A1

(21) PCT/JP2004/013457

(22) 15 Sep/sep 2004 (15.09.2004)

(25) ja (26) ja

(30) 2003-326469 18 Sep/sep 2003 JP  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AUTOMATIC SWITCHING OF SET-  
TING ASSOCIATED WITH NETWORK  
• COMMUTATION AUTOMATIQUE  
D'UN PARAMETRE ASSOCIE A UN  
RESEAU

(71) INTERNATIONAL BUSINESS MA-  
CHINES CORPORATION [US/US]; New  
Orchard Road, Armonk, NY 10504 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) HATORI, Masahiko [JP/JP]; c/o Yamato  
site, IBM Japan Ltd., 1623-14, Shimotsu-  
ruma, Yamato-shi, Kanagawa 242-8502 (JP).  
KATSUNO, Yasuharu [JP/JP]; c/o Yamato  
site, IBM Japan Ltd., 1623-14, Shimotsu-  
ruma, Yamato-shi, Kanagawa 242-8502 (JP).  
ALONE, Vijay [JP/JP]; c/o Yamato site,  
IBM Japan Ltd., 1623-14, Shimotsuruma,  
Yamato-shi, Kanagawa 242-8502 (JP). AI-  
HARA, Toru [JP/JP]; c/o Yamato site, IBM  
Japan Ltd., 1623-14, Shimotsuruma, Yamato-  
shi, Kanagawa 242-8502 (JP).

(74) SAKAGUCHI, Hiroshi et al. / etc.; c/o  
Yamato site, IBM Japan Ltd., 1623-14,  
Shimotsuruma, Yamato-shi, Kanagawa  
242-8502 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04L 12/46

(11) WO 2005/029784 (13) A2

(21) PCT/US2004/029553

(22) 8 Sep/sep 2004 (08.09.2004)

(25) en (26) en

(30) 10/666,306 18 Sep/sep 2003 US  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VIRTUAL NETWORK DEVICE  
• DISPOSITIF DE RESEAU VIRTUEL

(71) CISCO TECHNOLOGY, INC. [US/US];  
170 West Tasman Drive, San Jose, California  
95134-1706 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SMITH, Michael [CA/US]; 615 San  
Gabriel Avenue, Morgan Hill, California  
95037 (US). GOLSHAN, Ali [US/US];  
3847 La Selva Drive, Palo Alto, California  
94306 (US). WANG, Jeffrey, Ym [US/US];  
14230 Lutheria Way, Saratoga, California  
95070 (US). MEHTA, Neelima [IN/US];  
702 Highland Park Trail, Atlanta, Georgia  
30350 (US). JANAKIRAMAN, Venkatesh  
[CA/US]; 947 Iris Avenue, Sunnyvale, Cali-  
fornia 94089 (US).

(74) SAMPSON, Roger, S.; Beyer Weaver &  
Thomas, LLP, P.O. Box 70250, Oakland, CA  
94612-0250 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04L 12/56, H04Q 7/38

(11) WO 2005/029785 (13) A1

(21) PCT/EP2004/004332

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 03021464.7 23 Sep/sep 2003 EP  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PROTOCOL CONTEXT TRANSFER IN  
A MOBILE COMMUNICATION SYS-  
TEM  
• TRANSFERT DE CONTEXTE DE PRO-  
TOCOLE DANS UN SYSTEME DE  
COMMUNICATION MOBILE

(71) MATSUSHITA ELECTRIC INDUS-  
TRIAL CO., LTD. [JP/JP]; 1006, Oaza  
Kadoma, Kadoma-shi, Osaka 571-8501 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) PETROVIC, Dragan [YU/DE]; Am  
Kaiserschlag 15, 64295 Darmstadt (DE).  
LÖHR, Joachim [DE/DE]; Soderstr. 90,  
64287 Darmstadt (DE). SEIDEL, Eiko  
[DE/DE]; Moosbergstr. 97 a-b, 64285 Darm-  
stadt (DE).

(74) KUHL, Dietmar; Grünecker, Kinkeldey,  
Stockmair & Schwanhäusser Anwaltssozi-  
etät, Maximilianstr. 58, 80538 München  
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04L 12/56

(11) WO 2005/029786 (13) A2

(21) PCT/EP2004/009443

(22) 24 Aug/août 2004 (24.08.2004)

(25) de (26) de

(30) 103 42 247.1 11 Sep/sep 2003 DE  
(11.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR HANDLING DATA  
MESSAGES IN A COMMUNICATIONS  
SYSTEM, AN APPROPRIATE COM-  
MUNICATIONS SYSTEM AND SUB-  
SCRIBERS THEREOF

• PROCEDE DE MANIPULATION DE  
TELEGRAMMES DE DONNEES DANS  
UN SYSTEME DE COMMUNICATION,  
SYSTEME DE COMMUNICATION  
CORRESPONDANT, ET DISPOSITIFS  
D'ABONNE DE CELUI-CI

(71) SIEMENS AKTIENGESELLSCHAFT  
[DE/DE]; Wittelsbacherplatz 2, 80333  
München (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KRAUSE, Karl-Heinz [DE/DE]; Au-  
graben 41, 90475 Nürnberg (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;  
Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04L 12/56, H04Q 7/38

(11) WO 2005/029787 (13) A1

(21) PCT/FR2004/002095

(22) 5 Aug/août 2004 (05.08.2004)

(25) fr (26) fr

(30) 0310709 11 Sep/sep 2003 FR  
(11.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR QUALITY OF  
SERVICE DIFFERENTIATION IN  
PACKET-MODE MOBILE COMMU-  
NICATION NETWORKS

• PROCEDE DE DIFFERENCIATION  
DE LA QUALITE DE SERVICE DANS  
LES RESEAUX DE COMMUNICATION  
MOBILE EN MODE PAQUETS

(71) **FRANCE TELECOM** [FR/FR]; 6, Place d'Alleray, F-75015 Paris (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEZIOT, Nathalie** [FR/FR]; 14, rue Bernard Iské, F-92350 Le Plessis Robinson (FR). **DRONNE, François** [FR/FR]; 34, rue Mozart, F-92330 Sceaux (FR).

(74) **PICHAT, Thierry et al. / etc.**; Novagraaf Technologies, 122, rue Edouard Vaillant, F-92593 Levallois Perret Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 12/56

(11) **WO 2005/029788** (13) A1

(21) PCT/GB2004/003836

(22) **8 Sep/sep 2004 (08.09.2004)**

(25) en (26) en

(30) 0322270.0 **23 Sep/sep 2003** GB  
(23.09.2003)

(30) 0324455.5 **20 Oct/oct 2003** GB  
(20.10.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **DECENTRALIZED CHANNEL SELECTION IN A SELF-ORGANIZING ADHOC NETWORK**  
• SELECTION DE CANAUX DECENTRALISES DANS UN RESEAU ADHOC AUTO-ORGANISE

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 NEWGATE STREET, LONDON Greater London EC1A 7AJ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAFFRE, Fabrice, Tristan, Pierre** [BE/GB]; 24 Wilkes Court, Hartree Way, Grange Farm, Kesgrave Suffolk IP5 2EQ (GB). **TATESON, Richard, Edward** [GB/GB]; 145 High Street, Wickham Market Suffolk IP13 0RD (GB).

(74) **LIDBETTER, Timothy, Guy, Edwin**; PP: C5A, BT CENTRE, 81 NEWGATE STREET, LONDON Greater London EC1A 7AJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 12/56, 1/18

(11) **WO 2005/029789** (13) A1

(21) PCT/IB2004/051735

(22) **10 Sep/sep 2004 (10.09.2004)**

(25) en (26) en

(30) 03103453.1 **19 Sep/sep 2003** EP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **DATA FLOW CONTROL IN A COMMUNICATION SYSTEM**  
• RÉGULATION DU FLUX DE DONNÉES DANS UN SYSTÈME DE COMMUNICATION

(71) **PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH** [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).  
(only for / seulement pour DE)

(71) **KONINKLIJKE PHILIPS ELECTRONICS N. V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)

(72, 75) **NICKEL, Patrick** [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(74) **MEYER, Michael**; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H04L 12/56, H04Q 7/38

(11) **WO 2005/029790** (13) A2

(21) PCT/US2004/029525

(22) **10 Sep/sep 2004 (10.09.2004)**

(25) en (26) en

(30) 60/503,193 **15 Sep/sep 2003** US  
(15.09.2003)

(30) 60/503,192 **15 Sep/sep 2003** US  
(15.09.2003)

(30) 10/749,534 **30 Dec/déc 2003** US  
(30.12.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **FLOW ADMISSION CONTROL FOR WIRELESS SYSTEMS**  
• COMMANDE D'ADMISSION DE FLUX POUR SYSTEMES SANS FIL

(71) **QUALCOMM Incorporated** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZHANG, Danlu** [CN/US]; 5575 Morehouse Drive, San Diego, CA 92121 (US). **PANKAJ, Rajesh K.** [CA/US]; 7356 Park Village Road, San Diego, CA 92129 (US).

(74) **WADSWORTH, Philip R. et al. / etc.**; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04L 12/56

(11) **WO 2005/029791** (13) A1

(21) PCT/US2004/029554

(22) **8 Sep/sep 2004 (08.09.2004)**

(25) en (26) en

(30) 10/666,887 **18 Sep/sep 2003** US  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **HIGH AVAILABILITY VIRTUAL SWITCH**  
• COMMUTATEUR VIRTUEL EXTREMEMENT DISPONIBLE

(71) **CISCO TECHNOLOGY, INC.** [US/US]; 170 West Tasman Drive, San Jose, CA 95134-1706 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEBBAR, Hemant** [IN/US]; 1101 North Abbott Avenue, Milpitas, CA 95035 (US). **DONTU, Sitaram** [IN/US]; 1055

- Escalon Avenue, Apt. 604, Sunnyvale, CA 94085 (US). KOLLI, Madhuri [IN/US]; 3250 Patina Court, San Jose, CA 95135 (US).
- (74) SAMPSON, Roger, S.; Beyer Weaver & Thomas, LLP, P.O. Box 70250, Oakland, CA 94612-0250 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> H04L 12/56
- (11) WO 2005/029792 (13) A2
- (21) PCT/US2004/030384
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 10/663,221 15 Sep/sep 2003 US (15.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND APPARATUS FOR SHARING A GPRS MODULE WITH TWO COMPUTING DEVICES
- PROCEDE ET APPAREIL POUR PARTAGER UN MODULE GPRS AVEC DEUX DISPOSITIFS INFORMATIQUES
- (71) INTEL CORPORATION [US/US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72) GUPTA, Vivek; 16078 NW Andalusian Way, Portland, OR 97229 (US). KARDACH, James; 20271 La Paloma Avenue, Saratoga, CA 95070 (US). BELMONT, Brian; 3688 Landis Street, West Linn, OR 97068 (US).
- (74) VINCENT, Lester, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> H04L 12/58, 12/24
- (11) WO 2005/029794 (13) A1
- (21) PCT/EP2004/007885
- (22) 15 Jul/juil 2004 (15.07.2004)
- (25) de (26) de
- (30) A 1371/2003 1 Sep/sep 2003 AT (01.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SYSTEM FOR EXCHANGING MESSAGES
- SYSTEME D'ECHANGE DE MESSAGES
- (71) SIEMENS AG ÖSTERREICH [—/AT]; Siemensstrasse 92, A-1210 Wien (AT). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ILIC, Milan [BA/AT]; Erlachgasse 113/17, A-1100 Wien (AT).
- (74) PEHAM, Alois; c/o Siemens Ag, Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H04L 12/58
- (11) WO 2005/029796 (13) A1
- (21) PCT/IB2004/051671

(22) 2 Sep/sep 2004 (02.09.2004)

(25) en (26) en

(30) 03103513.2 23 Sep/sep 2003 EP  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • REDUCING LOAD AT A MAIL SERVER

- REDUCTION DE CHARGE AU NIVEAU D'UN SERVEUR DE COURRIER ELECTRONIQUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SISODIA, Rajendra, S. [IN/IN]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). SRINIVASARAO, Vemula [IN/IN]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declaration / Déclaration :

*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*

(51)<sup>7</sup> H04L 25/02

(11) WO 2005/029797 (13) A1

(21) PCT/IB2004/051749

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 03103519.9 23 Sep/sep 2003 EP  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ADAPTIVE FILTER

- FILTRE ADAPTATIF

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

*(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH*

*CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)*

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).  
*(only for / seulement pour DE)*

(72, 75) ALESSANDRO, Pierluigi [IT/DE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ELEVELD, Koop, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H04L 25/03, 27/26, 27/38

(11) WO 2005/029798 (13) A1

(21) PCT/US2004/030572

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,514 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ADAPTIVE IQ IMBALANCE CORRECTION FOR MULTICARRIER WIRELESS COMMUNICATION SYSTEMS  
• CORRECTION ADAPTATIVE DU DESEQUILIBRE IQ POUR SYSTEMES DE COMMUNICATION SANS FIL A PORTEUSES MULTIPLES

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) LIN, Jian [CN/US]; 3184 Salem Drive, San Jose, CA 95127 (US). TSUI, Ernest [US/US]; 11260 Bubb Road, Cupertino, CA 95014 (US).

(74) VINCENT, Lester, J. et al. / etc.; Blakely Sokoloff Taylor &amp; Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04L 25/49

(11) WO 2005/029799 (13) A1

(21) PCT/US2004/030391

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/666,206 17 Sep/sep 2003 US  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DECODING UPSTREAM V.92-ENCODED SIGNALS  
• DECODAGE DE SIGNAUX V.92 CODES EN AMONT

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72) BISWAS, Ashim; #11 3rd Cross, Rustom Bagh Layout, Bangalore 560 017, Karnataka (IN). GODAVARTI, Uma, Kishore, S., V.; 103 3rd Cross Church Road, New Thippasandra, Bangalore 560 075, Karnataka (IN).

(74) VINCENT, Lester, J. et al. / etc.; Blakely Sokoloff Taylor &amp; Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 27/00

(11) WO 2005/029800 (13) A1

(21) PCT/JP2003/012035

(22) 19 Sep/sep 2003 (19.09.2003)

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MODULATOR WITH NONLINEAR EQUALIZER

- MODULATEUR A EGALISEUR NON LINEAIRE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KOBAYASHI, Kenzo** [JP/JP]; C/O FUJITSU WIRELESS SYSTEMS LIMITED, 1376, Oaza Nakasone, Ohsato-mura, Ohsato-gun, Saitama 360-0133 (JP). **AIZAWA, Shigemi** [JP/JP]; C/O FUJITSU WIRELESS SYSTEMS LIMITED, 1376, Oaza Nakasone, Ohsato-mura, Ohsato-gun, Saitama 360-0133 (JP). **TAMURA, Toshio** [JP/JP]; C/O FUJITSU WIRELESS SYSTEMS LIMITED, 1376, Oaza Nakasone, Ohsato-mura, Ohsato-gun, Saitama 360-0133 (JP). **OIDE, Kenichi** [JP/JP]; C/O FUJITSU WIRELESS SYSTEMS LIMITED, 1376, Oaza Nakasone, Ohsato-mura, Ohsato-gun, Saitama 360-0133 (JP). **IWAMATSU, Takanori** [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **AOKI, Atsushi et al.** / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> H04L 27/26, H04B 7/06, H04L 1/06

(11) WO 2005/029801 (13) A1

(21) PCT/EP2003/010240

(22) 15 Sep/sep 2003 (15.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTICARRIER SYSTEM WITH TRANSMIT DIVERSITY  
• SYSTEME MULTIPORTEUSE AVEC DIVERSITE DE TRANSMISSION

(71) **DOCOMO COMMUNICATIONS LABORATORIES EUROPE GMBH** [DE/DE]; Landsberger Strasse 308-312, 80687 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAUCH, Gerhard** [DE/DE]; Barer Strasse 58, 80799 München (DE). **MALIK, Javed, Shamim** [DE/DE]; Heiglhof Strasse 66, Zi, 418, 81377 München (DE).

(74) **ZINKLER, Franz et al.** / etc.; SCHOPPE, ZIMMERMANN, STÖCKELER & ZINKLER, Postfach 246, 82043 Pullach bei München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 27/26

(11) WO 2005/029802 (13) A1

(21) PCT/FI2003/000690

(22) 22 Sep/sep 2003 (22.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD, SYSTEM AND RECEIVER IN RECEIVING A MULTI-CARRIER TRANSMISSION

• PROCEDE, SYSTEME ET RECEPTEUR POUR LA RECEPTION D'EMISSIONS MULTIPORTEUSE

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHWOERER, Ludwig** [DE/DE]; Mörikestr. 7, 45525 Hattingen (DE). **KAUFMANN, Andre** [DE/DE]; Hattinger Str. 344b, 44795 Bochum (DE). **VESMA, Jussi** [FI/FI]; Kirvesmiehenkuja 2, FIN-20320 Turku (FI).

(74) **BERGGREN OY AB**; P.O. BOX 16, FIN-00101 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 27/26, H04B 3/54

(11) WO 2005/029803 (13) A2

(21) PCT/JP2004/013706

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 2003-328624 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTICARRIER COMMUNICATION METHOD AND SYSTEM, AND COMMUNICATION APPARATUS INCORPORATED THEREIN

• PROCEDE ET SYSTEME DE COMMUNICATION MULTIPORTEUSE ET APPAREIL INTEGRE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAKISAKA, Toshiyuki** MAKI, Masahiro KOGA, Hisao IGATA, Yuji-ICHIHARA, Fumio YAMASHITA, Akihiro HANADA, Tsunehiro OISHI, Mutsuhiko

(74) **HIRANO, Kazuyuki**; Hirano Patent Office, 1-23-203, Tenjin 4-Chome, Chuo-Ku, Fukuoka-Shi, Fukuoka, 8100001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04L 27/26, 25/02, H04B 7/06

(11) WO 2005/029804 (13) A2

(21) PCT/US2004/030385

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/665,939 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CHANNEL ESTIMATION FEEDBACK IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SYSTEM OR THE LIKE

• RETROACTION D'ESTIMATION DE CANAL DANS UN SYSTEME DE MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE OU ANALOGUE

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **SADRI, Ali**; 11835 Carmel Mountain Road, Suite 1304-360, San Diego, CA 92128 (US). **MALTSEV, Alexander**; Verhne-Pecherskaya Street, 1/7, Nizhny Novgorod, 603163 (RU). **CHEREPENNIKOV, Valery**; ul. Komsomolskaya, 1/7, Nizhny Novgorod, 603043 (RU).

(74) **VINCENT, Lester, J. et al.** / etc.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ



DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04L 27/26

(11) WO 2005/029805 (13) A1

(21) PCT/US2004/030390

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 10/664,218 17 Sep/sep 2003 US  
(17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MODULATION SCHEME FOR OR-  
THOGONAL FREQUENCY DIVISION  
MULTIPLEXING SYSTEMS OR THE  
LIKE

• SYSTEME DE MODULATION DE SY-  
STEMES DE MULTIPLEXAGE ORTHO-  
GONAL PAR REPARTITION EN FRE-  
QUENCE OU AUTRES SYSTEMES DE  
CE TYPE

(71) INTEL CORPORATION [US/US]; 2200  
Mission College Boulevard, Santa Clara, CA  
95052 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72) MALTSEV, Alexander; Verhne-Pecher-  
skaya Street, 1/7, Nizhny Novgorod, 603163  
(RU). SADRI, Ali; 11835 Carmel Mountain  
Road, Suite 1304-360, San Diego, CA 92128  
(US). DAVYDOV, Alexei; Vaneev Street,  
19/28, Nizhny Novgorod, 603132 (RU).

(74) VINCENT, Lester, J. et al. / etc.; Blakely  
Sokoloff Taylor & Zafman, 12400 Wilshire  
Boulevard, 7th Floor, Los Angeles, CA 90025  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VV  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04L 29/02

(11) WO 2005/029806 (13) A1

(21) PCT/JP2004/002947

(22) 8 Mar/mar 2004 (08.03.2004)

(25) ja (26) ja

(30) 2003-328132 19 Sep/sep 2003 JP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR TRANSMITTING DATA  
AND DATA TRANSMITTER

• PROCEDE POUR TRANSMETTRE DES  
DONNEES ET EMETTEUR CORRES-  
PONDANT

(71) TOKYO DENKI UNIVERSITY [JP/JP];  
2-2, Kanda-nishikicho, Chiyoda-ku, Tokyo,  
1018457 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) TAKIZAWA, Makoto [JP/JP]TOJO,  
Takuya [JP/JP]

(74) MIYOSHI, Hidekazu; Toranomon Kotohira  
Tower 2-8, Toranomon 1-chome, Minato-ku,  
Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VV  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04L 29/06

(11) WO 2005/029807 (13) A1

(21) PCT/EP2004/051490

(22) 14 Jul/juil 2004 (14.07.2004)

(25) en (26) en

(30) 03103545.4 24 Sep/sep 2003 EP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PERSONALIZED WEB SERVICE DE-  
SCRIPTION

• DESCRIPTION DE SERVICE WEB PER-  
SONNALISEE

(71) INTERNATIONAL BUSINESS MA-  
CHINES CORPORATION [US/US]; New  
Orchard Road, Armonk, NY 10504 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BRUCHLOS, Joachim [DE/DE]; Hir-  
sauer Wiesenweg 45, 75365 Calw (DE).  
HAGMEIER, Joachim [DE/DE]; Forststr.  
93, 70176 Stuttgart (DE). KUEBLER, Di-  
etmar [DE/DE]; Maurener Str. 55, 71155  
Aldorf (DE). KUSSMAUL, Timo [DE/DE];  
Furtwanger Str. 14, 71034 Boeblingen (DE).

(74) KLEIN, Hans-Jörg; Postal Code, 70548  
Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VV  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04L 29/06, H04Q 7/32

(11) WO 2005/029808 (13) A1

(21) PCT/EP2004/052075

(22) 7 Sep/sep 2004 (07.09.2004)

(25) en (26) en

(30) 0322042.3 20 Sep/sep 2003 GB  
(20.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR  
DIRECTING NETWORK CONFIGURA-  
TION

• PROCEDE ET APPAREIL DESTINES A  
DIRIGER UNE CONFIGURATION DE  
RESEAU

(71) MOTOROLA INC. [US/US]; 1303 E. Algo-  
nquin Road, Schaumburg, IL 60196 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) CONATY, Genevieve [GB/GB]; Mo-  
torola Limited, Jays Close, Viabes Industrial  
Estate, Basingstoke, Hampshire RG22 4PD  
(GB). REID, Angus, E. [GB/GB]; Motorola  
Limited, Jays Close, Viabes Industrial Estate,  
Basingstoke, Hampshire RG22 4PD (GB).

(74) MCCORMACK, Derek, J.; Motorola Euro-  
pean Intellectual Property Operations, Mid-  
point, Alencon Link, Basingstoke, Hampshire  
RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VV  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04L 29/06

(11) WO 2005/029809 (13) A1

(21) PCT/EP2004/052236

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 0321975.5 19 Sep/sep 2003 GB  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EXCHANGE PROTOCOL FOR COMBI-  
NATIONAL MULTIMEDIA SERVICES

• PROTOCOLE D'ECHANGES POUR  
SERVICES MULTIMEDIA COMBINA-  
TOIRES

(71) TELEFONAKTIEBOLAGET LM ERIC-  
SSON (PUBL) [SE/SE]; S-164 83 Stockholm  
(SE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BELLORA, Mauro [IT/IT]; Via  
Fabio Filzi 16 A, I-21013 Gallarate (IT).  
DI PASQUALE, Gianluca [IT/IT]; Via

Quarenghi G., no 37, I-20151 Milano (IT). **DOTTI, Chiara** [IT/IT]; Via Lanino 2, I-20144 Milan (IT). **GREENE, Nancy** [CA/CA]; 1660 Av Ducharme, Montreal, Québec H2V 1G7 (CA).

(74) **LIND, Robert**; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford, Oxfordshire OX4 2RU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04L 29/06

(11) WO 2005/029810 (13) A2

(21) PCT/EP2004/008456

(22) 28 Jul/juil 2004 (28.07.2004)

(25) de (26) de

(30) 203 13 562.8 29 Aug/août 2003 DE (29.08.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HMI SYSTEM FOR OPERATING AND MONITORING A TECHNICAL INSTALLATION BY MEANS OF A MOBILE OPERATING AND MONITORING DEVICE AND SECURE DATA TRANSMISSION

• SYSTEME D'INTERFACE HOMME-MACHINE POUR COMMANDER ET OBSERVER UNE INSTALLATION TECHNIQUE, COMPRENANT UN DISPOSITIF MOBILE DE COMMANDE ET D'OBSERVATION, ET TRANSMISSION DE DONNEES SECURISEE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RIEGER, Gottfried** [DE/DE]; Wilhelmstrasse 43, 90766 Fürth (DE). **SINN, Ulrich** [DE/DE]; Franz-Steinmetz-Weg 19, 91056 Erlangen (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 29/06, 12/56

(11) WO 2005/029811 (13) A1

(21) PCT/FI2004/000473

(22) 10 Aug/août 2004 (10.08.2004)

(25) en (26) en

(30) 20031361 22 Sep/sep 2003 FI (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • REMOTE IPSEC SECURITY ASSOCIATION MANAGEMENT

• TELEGESTION DES ASSOCIATIONS SECURITAIRES IPSEC

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FI-02150 Espoo (FI).

(72) **POUSSA, Sakari**; Porttitie 3 BC, FI-02180 Espoo (FI). **LATVALA, Mikael**; Koivinkuja 5, FI-00730 Helsinki (FI).

(74) **PAPULA OY**; P.O. Box 981, (Fredrikinkatu 61), FI-00101 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 29/06, 12/28, 12/56

(11) WO 2005/029812 (13) A1

(21) PCT/IB2004/051556

(22) 25 Aug/août 2004 (25.08.2004)

(25) en (26) en

(30) 03124912.4 19 Sep/sep 2003 CN (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHODS TO ENHANCE WLAN SECURITY

• PROCEDES PERMETTANT DE RENFORCER LA SECURITE D'UN RESEAU LOCAL SANS FIL

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LI, Li** [CN/CN]; Philips Electronics China, 21/F Kerry Office Building 218 Tian Mu, Xi Road, Shanghai 200070 (CN). **WU, Keyi** [CN/CN]; Philips Electronics China, 21/F Kerry Office Building 218 Tian Mu, Xi Road, Shanghai 200070 (CN). **LI, Wei** [CN/CN]; Philips Electronics China, 21/F Kerry Office Building 218 Tian Mu, Xi Road, Shanghai 200070 (CN). **GUO, Haoguang** [CN/CN]; Philips Electronics China, 21/F

Kerry Office Building 218 Tian Mu, Xi Road, Shanghai 200070 (CN). **LUO, Zhihong** [CN/CN]; Philips Electronics China, 21/F Kerry Office Building 218 Tian Mu, Xi Road, Shanghai 200070 (CN).

(74) **KONINKLIJKE PHILIPS ELECTRONICS N.V.**; c/o HAQUE, Azir, Philips Electronics China, 21/F Kerry, Office Building, 218 Tian Mu Xi Lu Road, Shanghai 200070 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04L 29/06, 12/56

(11) WO 2005/029813 (13) A1

(21) PCT/US2004/030224

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 10/665,805 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TTL EXPLORATION TECHNIQUE FOR DETERMINING CAPABILITIES AND CONFIGURATION OF A PEER ROUTER

• TECHNIQUE D'EXPLORATION TTL POUR LA DETERMINATION DES CAPACITES DE CONFIGURATION D'UN ROUTEUR HOMOLOGUE

(71) **CISCO TECHNOLOGY, INC.** [US/US]; 170 West Tasman Drive, San Jose, CA 95134-1706 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **COOK, David, Anthony**; 8220 Greywinds Drive, Raleigh, NC 27616 (US).

(74) **BARBAS, Charles, J. et al.** / etc.; Cesari and McKenna, LLP, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H04L 29/08, G07F 17/32

(11) WO 2005/029814 (13) A2

(21) PCT/US2004/030198

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/503,516 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PLAYER SPECIFIC NETWORK • RESEAU SPECIFIQUE DE JOUEUR

(71) ACRES GAMING INCORPORATED [US/US]; 7115 Amigo Street, Suite 150, Las Vegas, NV 89119 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) RUSSELL, Glen, Keith [US/US]; 7115 Amigo Street, Suite 150, Las Vegas, NV 89119 (US). HOLLISTER, David [US/US]; 5060 W. 128th Place, Broomfield, CO 80020 (US). BOYD, Scott [US/US]; 7115 Amigo Street, Suite 150, Las Vegas, NV 89119 (US). SCHNEIDER, Richard, J. [US/US]; 7115 Amigo Street, Suite 150, Las Vegas, NV 89119 (US). JORDAN, Jeffrey, R. [US/US]; 7115 Amigo Street, Suite 150, Las Vegas, NV 89119 (US). GLAZIER, Matt [US/US]; 312 E. Hopkins Road, Gilbert, AZ 85296 (US). MASON, Shannon [US/US]; 7115 Amigo Street, Suite 150, Las Vegas, NV 89119 (US). LEGLER, Allan [US/US]; W270 N7534 Oakwood Court, Hartland, WI 53029 (US). WILKINS, Kevan [US/US]; 7115 Amigo Street, Suite 150, Las Vegas, NV 89119 (US).

(74) ROSS, Kevin, S. et al. / etc.; Marger Johnson & McCollom, P.C., 1030 SW Morrison Street, Portland, OR 97205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M

(11) WO 2005/029815 (13) A2

(21) PCT/IB2004/003473

(22) 24 Sep/sep 2004 (24.09.2004)

(25) en (26) en

(30) 10/668,170 24 Sep/sep 2003 US (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR FORMATTING AND DISPLAYING NUMBERS • SYSTEME ET PROCEDURE DE FORMATTAGE ET D'AFFICHAGE DE NUMEROS

(71) HONDA MOTOR CO., LTD. [JP/JP]; No. 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72) DIEDRICH, Nathaniel, W.; c/o Honda R & D Americas, Inc., 21001 State Route 739, Raymond, OH 43067-9705 (US).

(74) OGURI, Shohei; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M 1/00, 1/23, 1/26, 1/60, B60R 11/02

(11) WO 2005/029816 (13) A1

(21) PCT/JP2004/012048

(22) 23 Aug/août 2004 (23.08.2004)

(25) ja (26) ja

(30) 2003-323983 17 Sep/sep 2003 JP (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ACOUSTIC DEVICE FOR VEHICLE • DISPOSITIF ACOUSTIQUE POUR AUTOMOBILE

(71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka, 5708677 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKI, Katsuyoshi [JP/JP]; 2-14-22-310, Haizuka, Daito-shi, Osaka, 5740043 (JP).

(74) MARUYAMA, Toshiyuki; 10-12, Nakamiya 4-chome, Asahi-ku, Osaka-shi, Osaka, 5350003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M 1/02, H05K 5/00, E06B 7/28

(11) WO 2005/029817 (13) A1

(21) PCT/EP2004/008133

(22) 21 Jul/juillet 2004 (21.07.2004)

(25) de (26) de

(30) 103 40 756.1 2 Sep/sep 2003 DE (02.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HOUSING FRAME FOR RECEIVING MODULE UNITS, ESPECIALLY AN INTERCOM

• COFFRET POUR UNITES MODULAIRES, EN PARTICULIER D'UNE INSTALLATION TELEPHONIQUE

(71) RITTO GMBH & CO. KG [DE/DE]; Rodenbacher Strasse 15, 35708 Haiger (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEUMANN, Udo [DE/DE]; Stallhaus 58, 58579 Schalksmühle (DE). RITTINGHAUS, Olaf [DE/DE]; Zum Alten Teich 7, 58540 Meinerzhagen (DE).

(74) FLECK, H.-J.; Klingengasse 2, 71665 Vaihingen/Enz (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H04M 1/02, G09F 7/10

(11) WO 2005/029818 (13) A1

(21) PCT/EP2004/008134

(22) 21 Jul/juillet 2004 (21.07.2004)

(25) de (26) de

(30) 103 40 764.2 2 Sep/sep 2003 DE (02.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RECESS FOR A NAME PLATE UNIT FOR CHANGING THE NAMES IN A FLUSH INTERCOM INSTALLATION

• EVIDEMENT DESTINE A UNE UNITE DE PLAQUES NOMINATIVES PERMETTANT UN REMPLACEMENT AISE DES PLAQUES D'UN SYSTEME D'INTERPHONE ENCASTRE

(71) RITTO GMBH & CO. KG [DE/DE]; Rodenbacher Strasse 15, 35708 Haiger (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEUMANN, Udo [DE/DE]; Stallhaus 58, 58579 Schalksmühle (DE). RITTINGHAUS, Olaf [DE/DE]; Zum Alten Teich 7, 58540 Meinerzhagen (DE).

(74) FLECK, H.-J.; Klingengasse 2, 71665 Vaihingen/Enz (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H04M 1/02

(11) WO 2005/029819 (13) A1

(21) PCT/EP2004/008366

(22) 27 Jul/juil 2004 (27.07.2004)

(25) de (26) de

(30) 103 40 758.8 2 Sep/sep 2003 DE (02.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DOOR STATION COMPRISING NAME-PLATES AND DOORBELL BUTTONS  
• STATION DE PORTE COMPRENANT DES PLAQUES D'IDENTITE ET DES BOUTONS DE SONNETTE

(71) RITTO GMBH & CO. KG [DE/DE]; Rodenbacher Strasse 15, 35708 Haiger (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RITTINGHAUS, Olaf [DE/DE]; Zum Alten Teich 7, 58540 Meinerzhagen (DE). NEUMANN, Udo [DE/DE]; Stallhaus 58, 38574 Schalksmühle (DE).

(74) FLECK, H.-J.; Klingengasse 2, 71665 Vaihingen/Enz (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M 1/02, H02G 3/08

(11) WO 2005/029820 (13) A1

(21) PCT/EP2004/008991

(22) 11 Aug/août 2004 (11.08.2004)

(25) de (26) de

(30) 103 40 762.6 2 Sep/sep 2003 DE (02.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DOOR STATION FOR AN INTERCOM SYSTEM  
• STATION DE PORTE POUR INTERPHONE DE PORTE

(71) RITTO GMBH & CO. KG [DE/DE]; Rodenbacher Strasse 15, 35708 Haiger (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEUMANN, Udo [DE/DE]; Stallhaus 58, 58579 Schalksmühle (DE). RITTINGHAUS, Olaf [DE/DE]; Zum Alten Teich 7, 58540 Meinerzhagen (DE).

(74) FLECK, Hermann-Josef; Klingengasse 2, 71665 Vaihingen/Enz (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M 1/02, 1/00

(11) WO 2005/029821 (13) A1

(21) PCT/JP2004/013664

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-326617 18 Sep/sep 2003 JP (18.09.2003)

(30) 2003-328983 19 Sep/sep 2003 JP (19.09.2003)

(30) 2003-329276 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • INFORMATION COMMUNICATION TERMINAL  
• TERMINAL DE COMMUNICATION D'INFORMATIONS

(71) VODAFONE K.K. [JP/JP]; 2-5-1, Atago, Minato-ku, Tokyo 105-6205 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) INOUE, Mikio [JP/JP]; c/o Vodafone K.K., 2-5-1, Atago, Minato-ku, Tokyo 105-6205 (JP).

(74) KURODA, Hisashi et al. / etc.; Kuroda & Associates Ishikawa Bldg. 302, 2-14-26, Shinyokohama, Kouhoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H04M 1/04, 1/60

(11) WO 2005/029822 (13) A1

(21) PCT/DE2004/001999

(22) 8 Sep/sep 2004 (08.09.2004)

(25) de (26) de

(30) 203 14 317.5 16 Sep/sep 2003 DE (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CONNECTION SYSTEM, BASE PART AND ADAPTER PART FOR CONNECTING MOBILE RADIO TERMINALS  
• SYSTEME DE CONNEXION, PIECE DE BASE ET ADAPTEUR POUR CONNECTER DES TELEPHONES MOBILES

(71) AUDIOTON KABELWERK GMBH [DE/DE]; Zweigniederlassung Scheinfeld, Bauhofstrasse 8, 91443 Scheinfeld (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHLEGEL, Thomas [DE/DE]; Birkacher Strasse 5, 90453 Nürnberg (DE). CULLMANN, Wolfgang [DE/DE]; Marienbader Strasse 3, 90579 Langenzenn (DE).

(74) ZINSINGER, Norbert; Louis, Pöhlau, Lohrentz, Postfach 30 55, 90014 Nürnberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04M 1/26, 3/42, H04Q 7/22

(11) WO 2005/029823 (13) A1

(21) PCT/CN2004/000401

(22) 26 Apr/avr 2004 (26.04.2004)

(25) zh (26) zh

(30) 10/699,410 25 Sep/sep 2003 CN (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • WIRED VOICE COMMUNICATION DEVICE  
• DISPOSITIF DE COMMUNICATION VOCALE FILAIRE

(71, 72) LIE, Kun-ho [CN/CN]; No. 76 Lane 117, Yi-Jiauh Street, Chia-Yi City, Taiwan (CN). SHIH, Tahte [CN/CN]; 3F. No. 25

Lane 51, Sec. 1, Ta-An Road, Taipei City, Taiwan (CN).

(74) LUNG TIN INTERNATIONAL INTELLECTUAL PROPERTY AGENT LTD.; 18th Floor, Tower B, Grand Place, No. 5 Huizhong Road, Chaoyang District, Beijing 100101 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M 1/27, G06F 17/30

(11) WO 2005/029824 (13) A1

(21) PCT/FR2004/002208

(22) 27 Aug/août 2004 (27.08.2004)

(25) fr (26) fr

(30) 0310541 5 Sep/sep 2003 FR (05.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR CONTROLLING A MULTIMODAL TERMINAL, PROCESSING PLATFORM AND MULTIMODAL TERMINAL

• PROCEDE DE COMMANDE D'UN TERMINAL MULTIMODAL, PLATE-FORME DE TRAITEMENT ET TERMINAL MULTIMODAL

(71) FRANCE TELECOM [FR/FR]; 6 Place d'Alleray, F-75015 PARIS (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUILLET, Jean-Marc [FR/FR]; 4, rue Claude Debussy, F-35235 Thorigné Fouillard (FR). LEDUNOIS, Valérie [FR/FR]; Martigné, F-35890 LAILLE (FR).

(74) CABINET BEAU DE LOMENIE; 158 Rue de L'Université, F-75340 Paris Cedex 07 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD

GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> H04M 1/60, 1/05, B60R 11/02

(11) WO 2005/029825 (13) A1

(21) PCT/DK2004/000618

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) PA 2003 01368 19 Sep/sep 2003 DK (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A HANDSFREE CAR MOUNTING KIT  
• KIT DE MONTAGE D'UN MODULE MAINS-LIBRES POUR LA VOITURE

(71) GN NETCOM A/S [DK/DK]; Metalbuen 66, DK-2750 Ballerup (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BJERRUM-NIESE, Christian [DK/DK]; Hornemansgade 14, DK-2100 København Ø (DK).

(74) LARSEN & BIRKEHOLM A/S; Skandinavisk Patentbureau, Banegårdspladsen 1, P.O. Box 362, DK-1570 Copenhagen V (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M 1/60

(11) WO 2005/029826 (13) A1

(21) PCT/DK2004/000640

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) PA 2003 01387 24 Sep/sep 2003 DK (24.09.2003)

(30) PA 2004 00030 13 Jan/jan 2004 DK (13.01.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A HANDSFREE KIT FOR A MOBILE TELEPHONE

• KIT MAINS LIBRES CONÇU POUR UN TELEPHONE MOBILE

(71) GN NETCOM A/S [DK/DK]; Metalbuen 66, DK-2750 Ballerup (DK). QuBIT A/S [DK/DK]; Tranevej 16-18, DK-2400 København NV (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUDMAND-HØYER, Ole, Magleby [DK/DK]; Sobredde 45, DK-2820 Gentofte (DK).

(74) LARSEN & BIRKEHOLM A/S; Skandinavisk Patentbureau, Banegårdspladsen 1, P.O. Box 362, DK-1570 Copenhagen V (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M 1/723, 1/725

(11) WO 2005/029827 (13) A1

(21) PCT/FR2004/050367

(22) 28 Jul/juil 2004 (28.07.2004)

(25) fr (26) fr

(30) 03/50555 17 Sep/sep 2003 FR (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FIXED TELEPHONY SERVER, TERMINAL AND METHOD WHICH CAN BE USED TO SEND AND RECEIVE SMS MESSAGES

• PROCEDE, TERMINAL ET SERVEUR DE TELEPHONIE FIXE PERMETTANT L'ENVOI ET LA RECEPTION DE MESSAGES SMS

(71) THOMSON LICENSING SA [FR/FR]; 46, quai Alphonse le Gallo, F-92100 Boulogne Billancourt (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THIEBAUD, Jean-Pierre [FR/FR]; 18, rue de la Croix Carnelin, F-77400 Lagny sur Marne (FR). COUSTEUR, Cyril [FR/CN]; Flat F, 15FL, Tower 17, Laguna Verde, Hung Hom, KLN (CN).

(74) CABINET GRYNWALD; 94 rue Saint Lazare, F-75009 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)<sup>7</sup> H04M 1/727  
(11) WO 2005/029828 (13) A1  
(21) PCT/EP2004/052227  
(22) 17 Sep/sep 2004 (17.09.2004)  
(25) de (26) de  
(30) 103 43 066.0 17 Sep/sep 2003 DE  
(17.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • METHOD AND TELECOMMUNICATION SYSTEM INVOLVING WIRELESS TELECOMMUNICATION BETWEEN A MOBILE PART AND A BASE STATION FOR REGISTERING A MOBILE PART  
• PROCEDE ET SYSTEME DE TELECOMMUNICATION A TELECOMMUNICATION SANS FIL ENTRE UN ELEMENT MOBILE ET UNE STATION DE BASE POUR ENREGISTRER UN ELEMENT MOBILE  
(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) AUBAUER, Roland [AT/DE]; Wageneggerstr. 5, 81669 München (DE). KAMPERSCHROER, Erich [DE/DE]; Am Königsbach 27, 46499 Hamminkeln (DE). KLINKE, Stefano Ambrosius [DE/DE]; Im Erftgrund 22, 50169 Kerpen (DE). KUNSTMANN, Niels [DE/DE]; Heisenbergweg 35, 85540 Haar (DE). PFLAUM, Karl-Heinz [DE/DE]; Gartenweg 27, 46395 Bocholt (DE).  
(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H04M 11/02  
(11) WO 2005/029829 (13) A1  
(21) PCT/EP2004/008131  
(22) 21 Jul/juil 2004 (21.07.2004)  
(25) de (26) de  
(30) 103 40 761.8 2 Sep/sep 2003 DE  
(02.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • DOOR STATION WITH A CLOSED USER SURFACE  
• PORTIER ELECTRONIQUE POUR UN D'UNE ZONE DE COMMANDE FERMEE  
(71) RITTO GMBH & CO. KG [DE/DE]; Rodenbacher Strasse 15, 35708 Haiger (DE).
- (for all designated States except / pour tous les États désignés sauf US)  
(72, 75) RITTINGHAUS, Olaf [DE/DE]; Zum Alten Teich 7, 58540 Meinerzhagen (DE). NEUMANN, Udo [DE/DE]; Stallhaus 58, 58579 Schalksmühle (DE).  
(74) FLECK, H.-J.; Klingengasse 2, 71665 Vaihingen (DE).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04M 11/02, 1/02, H04N 7/18  
(11) WO 2005/029830 (13) A1  
(21) PCT/EP2004/008367  
(22) 27 Jul/juil 2004 (27.07.2004)  
(25) de (26) de  
(30) 103 40 759.6 2 Sep/sep 2003 DE  
(02.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • MODULAR DOOR STATION FOR A DOOR INTERCOM, COMPRISING A TRANSPARENT MATERIAL FOR THE NAME PLATES AND THE CAMERA  
• STATION MODULAIRE POUR UN INTERPHONE DE PORTE, POUR VUE D'UNE MATIERE TRANSPARENTE POUR LES PLAQUES PORTANT LES NOMS ET LA CAMERA  
(71) RITTO GMBH & CO. KG [DE/DE]; Rodenbacher Strasse 15, 35708 Haiger (DE).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) RITTINGHAUS, Olaf [DE/DE]; Zum Alten Teich 7, 58540 Meinerzhagen (DE). NEUMANN, Udo [DE/DE]; Stallhaus 58, 58579 Schalksmühle (DE).  
(74) FLECK, H.-J.; Klingengasse 2, 71665 Vaihingen/Enz (DE).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H04M 15/00, 3/42, 3/493  
(11) WO 2005/029831 (13) A1  
(21) PCT/JP2003/011888  
(22) 18 Sep/sep 2003 (18.09.2003)  
(25) ja (26) ja  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • INFORMATION SERVICE SYSTEM, INFORMATION SERVICE METHOD, INFORMATION SERVICE PROGRAM  
• SYSTEME, PROCEDE ET PROGRAMME DE SERVICE D'INFORMATIONS  
(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) ITO, Hayuru [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
(74) AKAZAWA, Hideo; Nos.317&318, Sanno Urban Life, 1-8, Sanno 2-chome, Ota-ku, Tokyo 143-0023 (JP).  
(81) JP US.
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- (51)<sup>7</sup> H04M 19/00, 11/06  
(11) WO 2005/029832 (13) A1  
(21) PCT/FR2004/002290  
(22) 9 Sep/sep 2004 (09.09.2004)  
(25) fr (26) fr  
(30) 0310872 16 Sep/sep 2003 FR  
(16.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • SYSTEM AND DEVICE FOR THE REMOTE POWERING OF A DATA-PROCESSING DEVICE  
• SYSTEME ET DISPOSITIF D'ALIMENTATION A DISTANCE D'UN EQUIPEMENT DE TRAITEMENT D'INFORMATIONS  
(71) FRANCE TELECOM [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) MATHOORASING, Dean [FR/FR]; 66, boulevard Rodin, F-92130 Issy les Moulineaux (FR). MARQUET, Didier [FR/FR]; 35, rue Gallieni, F-92240 Malakoff (FR).  
(74) HABASQUE, Etienne et al. / etc.; Cabinet LAVOIX, 2, place d'Estienne d'Orves, F-75441 Paris cedex 09 (FR).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

- (51)<sup>7</sup> H04N  
(11) WO 2005/029833 (13) A2  
(21) PCT/IL2004/000867  
(22) 20 Sep/sep 2004 (20.09.2004)  
(25) en (26) en  
(30) 158024 21 Sep/sep 2003 IL  
(21.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • DERIVING MOTION DETECTION  
INFORMATION FROM MOTION-VEC-  
TOR-SEARCH TYPE VIDEO EN-  
CODERS  
• INFORMATIONS DE DETECTION  
DE MOUVEMENT DERIVEES DE  
CODEURS VIDEO DU TYPE A RE-  
CHERCHE DE VECTEUR DE MOUVE-  
MENT

(71) SERVISION LTD. [IL/IL]; 11 Hartom St.,  
Har Hozvim, P.O.B. 45205, 91450 Jerusalem  
(IL).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) HELLER, Dror [IL/IL]; 14 Chaf Tet  
November Street, Katamon, 92105 Jerusalem  
(IL). ROTMAN, Yosef [IL/IL]; Shlomo  
Avari 23, Jerusalem (IL).

(74) SINAI, Henry et al. / etc.; 4 Hameyasdim  
St., 43217 Ra'anana (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

- (51)<sup>7</sup> H04N  
(11) WO 2005/029834 (13) A2  
(21) PCT/IL2004/000868  
(22) 20 Sep/sep 2004 (20.09.2004)  
(25) en (26) en  
(30) 158026 21 Sep/sep 2003 IL  
(21.09.2003)  
(30) 158025 21 Sep/sep 2003 IL  
(21.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • A METHOD FOR GENERATING  
HIGH QUALITY, LOW DELAY VIDEO  
STREAMING  
• PROCEDE DE GENERATION D'UN  
FLUX DE DONNEES VIDEO DE  
HAUTE QUALITE ET A FAIBLE RE-  
TARD  
(71) SERVISION LTD. [IL/IL]; 11 Hartom St.,  
Har Hozvim, P.O.B. 45205, 91450 Jerusalem  
(IL).

*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) KRAVTSOV, Dmitry [IL/IL]; Elkali  
28a, 75329 Rishon Letzion (IL). TAHAN,  
Gidon [IL/IL]; 20 Klonimus Street, Ramat  
Shlomo, Jerusalem (IL).

(74) SINAI, Henry et al. / etc.; 4 Hameyasdim  
St., 43350 Ra'anana (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04N  
(11) WO 2005/029835 (13) A2  
(21) PCT/US2004/028782  
(22) 3 Sep/sep 2004 (03.09.2004)  
(25) en (26) en  
(30) 60/500,371 5 Sep/sep 2003 US  
(05.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)  
(54) • REGISTRATION OF SEPARATIONS  
• CALAGE DE SEPARATIONS  
(63) US 10/035,337 (CIP)  
4 Jan/jan 2002 (04.01.2002)  
(71) WARNER BROS. ENTERTAINMENT  
INC. [US/US]; 4000 Warner Blvd., Burbank,  
CA 91522 (US). AMERICA ONLINE,  
INC. [US/US]; 22000 AOL Way, Dulles, VA  
20166 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) PERLMUTTER, Keren, O. [US/US];  
17352 Sunset Boulevard, Apartment 406D,  
Pacific Palisades, CA 90272 (US). PERL-  
MUTTER, Sharon, M. [US/US]; 17445  
Posetano Road, Pacific Palisades, CA 90272  
(US). WANG, Eric [CN/US]; 2634 Orchard  
Drive, Tustin, CA 92782 (US). KLAMER,  
Paul, R. [US/US]; 4712 Rockland Place,  
La Canada, CA 91011 (US). CHUA, Leng  
[SG/US]; 1900 Pepper Street, #8, Alhambra,  
CA 91801 (US).

(74) RENNER, W., Karl; Fish & Richardson  
P.C., 1425 K Street, Northwest, 11th Floor,  
Washington, DC 20005-3500 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(74) RENNER, W., Karl; Fish & Richardson  
P.C., 1425 K Street, Northwest, 11th Floor,  
Washington, DC 20005-3500 (US).

- (51)<sup>7</sup> H04N  
(11) WO 2005/029837 (13) A2  
(21) PCT/US2004/030076  
(22) 15 Sep/sep 2004 (15.09.2004)  
(25) en (26) en  
(30) 10/663,255 16 Sep/sep 2003 US  
(16.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)

MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

- (51)<sup>7</sup> H04N  
(11) WO 2005/029836 (13) A2  
(21) PCT/US2004/029689  
(22) 13 Sep/sep 2004 (13.09.2004)  
(25) en (26) en  
(30) 60/502,267 12 Sep/sep 2003 US  
(12.09.2003)  
(30) 60/502,268 12 Sep/sep 2003 US  
(12.09.2003)  
(30) 60/502,269 12 Sep/sep 2003 US  
(12.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND SYSTEM FOR CON-  
TROLLING RECORDING AND PLAY-  
BACK OF INTERACTIVE APPLICA-  
TIONS  
• PROCEDE ET SYSTEME POUR LE  
CONTROLE D'ENREGISTREMENT  
ET DE LECTURE D'APPLICATIONS  
INTERACTIVES

(71) OPENTV, INC. [US/US]; 275 Sacramento  
Street, San Francisco, CA 94111 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) DELPUCH, Alain [FR/FR]; 34, par-  
des Essarts, F-78690 Les Essarts le Roi  
(FR). D'ORSO, Gregory [US/US]; 3400  
Stevenson Boulevard, Apt. K-12, Fremont,  
CA 94538 (FR). MENAND, Jean-Rene  
[FR/US]; 1535 Siesta Drive, Los Altos, CA  
94024 (US). PIERRE, Ludovic [US/JP];  
Arai 1-32-6, Nakano-Ku, Tokyo 165-0026  
(US). SZYMANSKI, Steven, J. [US/US];  
100 North Whisman Road, Apartment 3215,  
Mountain View, CA 94043 (US).

(74) DOYLE, Scott, W. et al. / etc.; Morrison &  
Foerster LLP, 1650 Tysons Blvd., Suite 300,  
McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(74) DOYLE, Scott, W. et al. / etc.; Morrison &  
Foerster LLP, 1650 Tysons Blvd., Suite 300,  
McLean, VA 22102 (US).

- (51)<sup>7</sup> H04N  
(11) WO 2005/029837 (13) A2  
(21) PCT/US2004/030076  
(22) 15 Sep/sep 2004 (15.09.2004)  
(25) en (26) en  
(30) 10/663,255 16 Sep/sep 2003 US  
(16.09.2003)  
(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • RE-INSERTING VBI DATA USING OSD APPARATUS AND METHOD
- REINSERTION DE DONNEES VBI AU MOYEN D'UN APPAREIL OSD, ET PROCEDE ASSOCIE
- (71) WEGENER COMMUNICATIONS, INC. [US/US]; 1130 Technology Circle, Duluth, GA 30097 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KENNEDY, Joseph L. [US/US]; 5844 Saint Miles Drive, Buford, GA 30518 (US).
- (74) HALDIMAN, Robert C.; Husch & Eppenberger, LLC, 190 Carondelet Plaza, St. Louis, MO 63105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H04N 1/00, 1/32, 1/34, G06F 17/60
- (11) WO 2005/029838 (13) A2
- (21) PCT/US2004/030378
- (22) 16 Sep/sep 2004 (16.09.2004)
- (25) en (26) en
- (30) 10/666,388 19 Sep/sep 2003 US (19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD OF PROVIDING PHOTOFINISHING SERVICES
- PROCEDE DE FOURNITURE DE SERVICES DE DEVELOPPEMENT ET TIRAGE
- (71) EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, New York 14650-2201 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GIBELEY, Marc M. [US/US]; 200 Jasmine Way, Alpharetta, Georgia 30004 (US). MIZELLE, Steven Lewe [US/TZ]; 17 Sutton Point, Pittsford, New York 14534 (US). FREDLUND, John Randall [US/US]; 270 Ridgmont Drive, Rochester, New York 14626 (US). MANICO, Joseph Anthony [US/US]; 98 Westland Avenue, Rochester, New York 14618 (US). CLOUTIER, Robert Paul [US/US]; 3 Parkwood Road, Spencerport, New York 14559 (US).
- (74) EASTMAN KODAK COMPANY; 343 State Street, Rochester, New York 14650-2201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04N 1/00, B41J 2/00

(11) WO 2005/029839 (13) A1

(21) PCT/US2004/030897

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/503,717 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • METHOD TO INCREASE IMAGE VARIETY WITH LIMITED IMAGE COMPONENTS
- PROCEDE D'ACCROISSEMENT D'UNE DIVERSITE D'IMAGES AU MOYEN DE COMPOSANTS D'IMAGES LIMITEES

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROMANACH, Benito, Albert [US/US]; 3421 Woodburne Drive, Mason, OH 45040 (US).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 3/223

(11) WO 2005/029840 (13) A1

(21) PCT/IB2004/051712

(22) 8 Sep/sep 2004 (08.09.2004)

(25) en (26) en

(30) 03103479.6 22 Sep/sep 2003 EP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • COMPENSATING FLUCTUATIONS OF AN ANODE VOLTAGE

- COMPENSATION DES VARIATIONS D'UNE TENSION ANODIQUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN DEN BROEKE, Leendert, A., D. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DE WIT, Gerard, A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DE NIE, Robert, H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) STEENBEEK, Leonardus, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04N 3/233, 3/27, 3/22

(11) WO 2005/029841 (13) A1

(21) PCT/IB2004/051696

(22) 7 Sep/sep 2004 (07.09.2004)

(25) en (26) en

(30) 03103480.4 22 Sep/sep 2003 EP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • DISPLAY APPARATUS



## • APPAREIL D'AFFICHAGE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE NIE, Robert, H.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN DEN BROEKE, Leendert, A., D.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **STEENBEEK, Leonardus, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04N 5/00, G06F 21/00

(11) **WO 2005/029842** (13) A1

(21) PCT/JP2004/014029

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 2003-324158 **17 Sep/sep 2003 JP (17.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • APPLICATION EXECUTION DEVICE, APPLICATION EXECUTION METHOD, INTEGRATED CIRCUIT, AND COMPUTER-READABLE PROGRAM

• DISPOSITIF ET PROCÉDE D'EXECUTION D'APPLICATIONS, CIRCUIT INTEGRE, ET PROGRAMME LISIBLE PAR ORDINATEUR

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka, 5718501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IMANISHI, Yoshinori**

(74) **NAKAJIMA, Shiro**; 6F, Yodogawa 5-Bankan 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka, 5310072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 5/00, 5/913

(11) **WO 2005/029843** (13) A1

(21) PCT/US2004/030189

(22) **15 Sep/sep 2004 (15.09.2004)**

(25) en (26) en

(30) 60/502,920 **15 Sep/sep 2003 US (15.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEMS AND METHODS FOR EXPORTING DIGITAL CONTENT USING AN INTERACTIVE TELEVISION APPLICATION

• SYSTEME ET PROCÉDE PERMETTANT D'EXPORTER UN CONTENU NUMERIQUE AU MOYEN D'UNE APPLICATION DE TELEVISION INTERACTIVE

(71) **UNITED VIDEO PROPERTIES, INC.** [US/US]; 7140 South Lewis Avenue, Tulsa, OK 74136 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DIGIOVANNI, Joseph** [US/US]; 16 Europa Boulevard, Cherry Hill, NJ 08003 (US). **THOMAS, William, L.** [US/US]; 11611 South 70th East Avenue, Bixby, OK 74008 (US). **ELLIS, Michael, D.** [US/US]; 1300 Kingwood Place, Boulder, CO 80304 (US). **WESTBERG, Thomas** [US/US]; 553 Sudbury Road, Stow, MA 01755 (US). **FIFE, Brian** [US/US]; 38 Clarendon Ave #1, Somerville, MA 02144 (US).

(74) **GUILIANO, Joseph, M.**; Fish & Neave IP Group of Ropes & Gray LLP, 1251 Avenue of Americas, New York, NY 10020 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04N 5/06

(11) **WO 2005/029844** (13) A1

(21) PCT/KR2004/002346

(22) **15 Sep/sep 2004 (15.09.2004)**

(25) en (26) en

(30) 10-2003-0065404 **20 Sep/sep 2003 KR (20.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DISPLAY SYNCHRONIZATION SIGNAL GENERATION APPARATUS AND METHOD IN ANALOG VIDEO SIGNAL RECEIVER

• APPAREIL ET PROCÉDE DE GENERATION DE SIGNAL DE SYNCHRONISATION D'AFFICHAGE DANS UN RECEPTEUR DE SIGNAL VIDEO ANALOGIQUE

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).

(72) **CHOI, Young-Hun**; 504-1204 Jugong Apt., Sanggal-ri, Giheung-eup, Yongin-si, Gyeonggi-do 449-958 (KR). **KIM, Byeong-Jin**; 307-1305 Dongsuwon LG Village 3-cha Apt., Mangpo-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-706 (KR).

(74) **LEE, Young-Pil**; The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu, Seoul 137-874 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 5/06

(11) **WO 2005/029845** (13) A1

(21) PCT/KR2004/002392

(22) **17 Sep/sep 2004 (17.09.2004)**

(25) en (26) en

(30) 10-2003-0065532 **22 Sep/sep 2003 KR (22.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DISPLAY SYNCHRONIZATION SIGNAL GENERATION APPARATUS IN DIGITAL BROADCAST RECEIVER AND DECODER

• DISPOSITIF DE GENERATION DE SIGNAUX DE SYNCHRONISATION D'AFFICHAGE DANS UN RECEPTEUR DE RADIODIFFUSION NUMERIQUE ET DECODEUR ASSOCIE

(71) SAMSUNG ELECTRONICS CO., LTD. [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).

(72) CHOI, Young-Hun; 504-1204 Jugong Apt., Sanggal-ri, Giheung-eup, Yongin-si, Gyeonggi-do 449-958 (KR). KIM, Byeong-Jin; 307-1305 Dongsuwon LG Village 3-cha Apt., Mangpo-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-706 (KR).

(74) LEE, Young-Pil; The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu, Seoul 137-874 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 5/21, 7/26

(11) WO 2005/029846 (13) A1

(21) PCT/IB2004/051813

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 60/505,232 23 Sep/sep 2003 US (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VIDEO DE -NOISING ALGORITHM USING INBAND MOTION-COMPENSATED TEMPORAL FILTERING

• ALGORITHME DE DEBRUITAGE VIDEO UTILISANT UN FILTRAGE TEMPOREL A COMPENSATION DU MOUVEMENT EN BANDE

(71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YE, Jong Chul [KR/US]; P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS, N.V.; c/o Gathman, Laurie P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designation / pour la désignation suivante : US

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04N 5/225, 5/232

(11) WO 2005/029847 (13) A1

(21) PCT/JP2004/012611

(22) 25 Aug/août 2004 (25.08.2004)

(25) en (26) en

(30) 2003-324118 17 Sep/sep 2003 JP (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMAGE PICKUP APPARATUS AND MOVING PICTURE PHOTOGRAPHING METHOD THEREOF

• APPAREIL DE PRISE DE VUE ET PROCEDE CORRESPONDANT DE PHOTOGRAPHIE D'IMAGES ANIMEES

(71) CASIO COMPUTER CO., LTD. [JP/JP]; 6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo, 1518543 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIMIZU, Hiroshi [JP/JP]YOKOI, Makoto [JP/JP]

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigasaki 3-chome, Chiyoda-ku, Tokyo, 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 5/235, G03B 15/05

(11) WO 2005/029848 (13) A1

(21) PCT/US2004/030002

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 10/662,763 15 Sep/sep 2003 US (15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRONIC CAMERA AND METHOD WITH FILL FLASH FUNCTION

• APPAREIL PHOTO ELECTRONIQUE ET PROCEDE A FONCTION FLASH DE REMPLISSAGE

(71) POLAROID CORPORATION [US/US]; 1265 Main Street, Waltham, MA 02451 (US).

(72) STALLER, Norman, D.; 36 Ober Street, Beverly, MA 01915 (US).

(74) MACCARONE, Gaetano, D.; Polaroid Corporation, 1265 Main Street, Waltham, MA 02451 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 5/44, 7/16

(11) WO 2005/029849 (13) A1

(21) PCT/JP2004/013741

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-327788 19 Sep/sep 2003 JP (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DIGITAL TELEVISION RECEIVER MODULE AND DIGITAL TELEVISION RECEIVER USING THE SAME

• MODULE RECEPTEUR DE TELEVISION NUMERIQUE, ET RECEPTEUR DE TELEVISION NUMERIQUE UTILISANT CE MODULE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKATORI, Masahiro

(74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)<sup>7</sup> H04N 5/445

(11) WO 2005/029850 (13) A1

(21) PCT/KR2004/002183

(22) 30 Aug/août 2004 (30.08.2004)

(25) en (26) en

(30) 10-2003-0066390 **24 Sep/sep 2003** KR  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DISPLAY DEVICE AND METHOD THEREOF  
• DISPOSITIF D'AFFICHAGE ET PROCEDE ASSOCIE

(71) SAMSUNG ELECTRONICS CO., LTD [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Young-Chan [KR/KR]; #402, 801-2, Naeson-dong, Euiwang-si, Gyeonggi-do 437-080 (KR). LEE, Dong-Hoon [KR/KR]; Jinju Apt. #14-603, Shincheon-dong, Songpa-gu, Seoul 138-240 (KR).

(74) HUH, Sung-Won et al. / etc.; Shinwon Bldg. 1F, 823-14, Yoksam-dong, Kangnam-ku, Seoul 135-050 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 5/66

(11) WO 2005/029851 (13) A1

(21) PCT/JP2004/014023

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-327785 **19 Sep/sep 2003** JP  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • OSD INSERT CIRCUIT  
• CIRCUIT D'INSERTION D'AFFICHAGE OSD

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAGATA, Takatsugu HATANNO, Takahisa

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 5/76, G11B 20/18, 20/00, 27/34

(11) WO 2005/029852 (13) A1

(21) PCT/IB2004/051661

(22) 1 Sep/sep 2004 (01.09.2004)

(25) en (26) en

(30) 03103476.2 **22 Sep/sep 2003** EP  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BACKUP AND RECOVERY OF RECORDED CONTENTS  
• SAUVEGARDE ET RESTITUTION DE CONTENUS ENREGISTRES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FONTIJN, Wilhelmus, F., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN GAGELDONK, Johan, S., H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BLACQUIERE, Johannis, F., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KELLY, Declan, P. [IE/CN]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04N 5/91

(11) WO 2005/029853 (13) A1

(21) PCT/JP2003/011949

(22) 19 Sep/sep 2003 (19.09.2003)

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DATA CONVERSION SYSTEM  
• SYSTEME DE CONVERSION DE DONNEES

(71) CANOPUS CO., LTD. [JP/JP]; 1-2-2 Murotani, Nishi-ku, Kobe-shi, Hyogo 651-2241 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TABUCHI, Atsushi [JP/JP]; c/o Canopus Co., Ltd., 1-2-2 Murotani, Nishi-ku, Kobe-shi, Hyogo 651-2241 (JP).

(74) ONO, Yukio et al. / etc.; SHINJYU GLOBAL IP, South Forest Bldg., 1-4-19, Minamimori-machi, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 5/926

(11) WO 2005/029854 (13) A1

(21) PCT/US2004/021917

(22) 9 Jul/juil 2004 (09.07.2004)

(25) en (26) en

(30) 60/488,835 **21 Jul/juil 2003** US  
(21.07.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • EXPLOITATION OF DISCONTINUITY INDICATOR FOR TRICK MODE OPERATION  
• EXPLOITATION D'INDICATEUR DE DISCONTINUITÉ POUR FONCTIONNEMENT EN MODE D'ENRICHISSEMENT

(71) THOMSON LICENSING S.A. [FR/FR]; 46, quai A. Le Gallo, F-92648 Boulogne (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WORRELL, Charles, William [US/US]; 12936 Wembly Court, Carmel, Indiana 46033 (US). LEE, Janghwan [KR/US]; 1661 Mustang Chase Drive, Westfield, Indiana 46074 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; 2 Independence Way Suite 200, Princeton, New Jersey 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 7/01, 7/015

(11) WO 2005/029855 (13) A1

(21) PCT/GB2004/003976

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 0322006.8 19 Sep/sep 2003 GB (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VIDEO SIGNAL PROCESSOR

- UNITE DE TRAITEMENT DE SIGNAUX VIDEO

(71) SNELL AND WILCOX LIMITED [GB/GB]; Southleigh Park House, Eastleigh Road, Havant, Hampshire PO9 2PE (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHILLER, Richard [GB/GB]; 49 Lime Avenue, Westergate, Chester, Hampshire PO20 3UF (GB).

(74) GARRATT, Peter, Douglas et al. / etc.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 7/088, 5/445

(11) WO 2005/029856 (13) A1

(21) PCT/IB2004/051818

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 60/505,233 23 Sep/sep 2003 US (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR CACHING TELETEXT

- SYSTEME ET PROCEDURE DE MISE EN ANTEMEMOIRE DE TELETEXTE

(71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(71) U.S. PHILIPS CORPORATION [US/US]; 1251 Avenue of the Americas, New York, New York 10020 (US).

(only for / seulement pour AE)

(72, 75) TELYUK, Taras, M. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(74) KONINKLIJKE PHILIPS ELECTRONICS, N.V.; c/o HALAJIAN, Dicran P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04N 7/12, 7/52

(11) WO 2005/029857 (13) A1

(21) PCT/EP2003/010523

(22) 22 Sep/sep 2003 (22.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR LOSS-LESS REDUCTION OF BANDWIDTH OF A DATA STREAM TRANSMITTED VIA A DIGITAL MULTIMEDIA LINK

- SYSTEME ET PROCEDURE PERMETTANT DE REALISER UNE REDUCTION SANS PERTE DE LA LARGEUR DE BANDE D'UN FLUX DE DONNEES TRANSMIS VIA UN LIEN MULTIMEDIA NUMERIQUE

(71) INOVA SEMICONDUCTORS GMBH [DE/DE]; Ismaninger Str. 3 Rgb., 81675 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIEDEL, Michael [DE/DE]; Inova Semiconductors GmbH, Ismaninger Str. 3 Rgb., 81675 München (DE). NEUMANN, Roland [DE/DE]; Inova Semiconductors GmbH, Ismaninger Str. 3 Rgb., 81675 München (DE).

(74) WINTER BRANDL FÜRNISS HÜBNER RÖSS KAISER POLTE - PPARTNER-SHIP -; Alois-Steinecker-Strasse 22, 85354 Freising (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 7/16, 7/167

(11) WO 2005/029858 (13) A1

(21) PCT/IB2004/051650

(22) 1 Sep/sep 2004 (01.09.2004)

(25) en (26) en

(30) 03103489.5 22 Sep/sep 2003 EP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND DEVICE FOR DIGITAL BROADCASTING

- PROCEDURE ET DISPOSITIF DE RADIO-DIFFUSION NUMERIQUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SISODIA, Rajendra, S. [IN/IN]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KOPPALKAR, Nitin [IN/IN]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BHOWMICK, Animesh [IN/IN]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR

TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04N 7/16

(11) WO 2005/029859 (13) A1

(21) PCT/IB2004/051743

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 03103475.4 22 Sep/sep 2003 EP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM, DEVICE AND METHOD FOR COLLABORATIVE ZAPPING

• SYSTEME, DISPOSITIF ET PROCEDE DE ZAPPING COOPERATIF

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SIMONS, David, P., L. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). NIKOLOVA, Mariana, V. [BG/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

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(51)<sup>7</sup> H04N 7/173

(11) WO 2005/029860 (13) A1

(21) PCT/FR2004/002276

(22) 8 Sep/sep 2004 (08.09.2004)

(25) fr

(26) fr

(30) 0310847 16 Sep/sep 2003 FR (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • TELEVISION SIGNAL RECEPTION METHOD AND MODULE

• PROCEDE ET MODULE DE RECEPTION DE SIGNAUX DE TELEVISION

(71) FRANCE TELECOM [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERTIN, Christian [FR/FR]; 7, rue Monseigneur Duchesne, F-35000 Rennes (FR).

(74) CABINET REGIMBEAU; Espace Performance, Bâtiment K, F-35769 Saint Grégoire Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

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(u) for / pour US only / seulement

(51)<sup>7</sup> H04N 7/18

(11) WO 2005/029861 (13) A1

(21) PCT/KR2004/001843

(22) 23 Jul/juil 2004 (23.07.2004)

(25) ko (26) en

(30) 10-2003-0065040 19 Sep/sep 2003 KR (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND SYSTEM FOR CAPTURE OF THE MULTI-CHANNEL IMAGE SIGNAL WHICH CAN ENHANCE THE CAPTURE EFFICIENCY BY DECIDING THE UNSTABLE PERIOD OF THE SYSTEM

• PROCEDE ET SYSTEME DE CAPTURE DE SIGNAL D'IMAGE MULTICANAL QUI PEUT AMELIORER L'EFFICACITE DE CETTE CAPTURE

PAR DECISION DE LA PERIODE INSTABLE DU SYSTEME

(71) UDP CO., LTD. [KR/KR]; Fl. 11, Wooree Venture Town, 684-2, Deungchon-3-dong, Kangseo-gu, Seoul 157-754 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Hyung Joo [KR/KR]; #201, 965-5, Shinjeong-4-dong, Yangchon-gu, Seoul 158-074 (KR). SHIM, Jae Sool [KR/KR]; #1301-405, Hoogok maul, Ilsan-3-dong, Ilsan-gu, Goyang-si, Kyunggi-do 411-313 (KR). YOON, Joong Bum [KR/KR]; #201, 102-304, Hwagok-bon-dong, Kangseo-gu, Seoul 157-019 (KR). CHEONG, Seung Il [KR/KR]; #107-1304, Sangrok Apt., Munheung-2-dong, Buk-gu, Kwangju 500-788 (KR).

(74) JI, Hyonjo; Muhann Patent & Law Firm, 5th Fl., Youngpoong Building, 142, Nonhyun-dong, Kangnam-gu, Seoul 135-749 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 7/20

(11) WO 2005/029862 (13) A1

(21) PCT/ES2004/000326

(22) 9 Jul/juil 2004 (09.07.2004)

(25) es (26) es

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEMS AND DEVICES FOR THE CREATION, DISTRIBUTION AND PROJECTION OF CONTENTS IN AN INTERACTIVE NETWORK OF HIGH-RESOLUTION SCREENS OR DIGITAL CINEMAS

• SYSTEMES ET APPAREILS DESTINES A CREER, DISTRIBUER ET PROJETER DES CONTENUS DANS UN RESEAU INTERACTIF DECRANS DE HAUTE RESOLUTION OU DE CINEMAS NUMERIQUES

(71) DIGITAL CINEMA CORPORATION, S.L. [ES/ES]; C/ Hermosilla n<sup>o</sup> 4, 3<sup>o</sup>-Derecha, E-28001 Madrid (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GONZALEZ MANZANARES, Jesús Maria [ES/ES]; Lagasca 58, E-28001 Madrid (ES).

(74) SAURA CUADRILLERO, Salvador; Ayala 83, 5-A, E-28006 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (b), (f)

(51)<sup>7</sup> H04N 7/24, 5/225, 5/91, 1/41, 1/387, G06T  
9/00

(11) WO 2005/029863 (13) A1

(21) PCT/JP2003/011795

(22) 16 Sep/sep 2003 (16.09.2003)

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • IMAGE PROCESSING DISPLAY DE-  
VICE AND IMAGE PROCESSING  
DISPLAY METHOD

• DISPOSITIF ET PROCEDE  
D'AFFICHAGE DE TRAITEMENT  
D'IMAGES

- (71) FUJITSU LIMITED [JP/JP]; 1-1,  
Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

- (72, 75) KUROKI, Kenichiro [JP/JP]; c/o Fu-  
jitsu Limited, 1-1, Kamikodanaka 4-chome,  
Nakahara-ku, Kawasaki-shi, Kanagawa  
211-8588 (JP). TAJIMA, Yuji [JP/JP];  
c/o Fujitsu LSI Solution Limited, 66-2,  
Horikawa-cho, Saiwai-ku, Kawasaki-shi,  
Kanagawa 212-0013 (JP). YAMAGISHI,  
Nobutaka [JP/JP]; c/o Fujitsu LSI Solution  
Limited, 66-2, Horikawa-cho, Saiwai-ku,  
Kawasaki-shi, Kanagawa 212-0013 (JP).

- (74) HATTORI, Kiyoshi; Hattori Patent Office,  
GE Edison Bldg. Hachioji, 9-8, Azuma-cho,  
Hachioji-shi, Tokyo 192-0082 (JP).

(81) CN JP US.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR).

(51)<sup>7</sup> H04N 7/24, G06F 17/30, 3/14

(11) WO 2005/029864 (13) A1

(21) PCT/US2004/029993

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 60/502,576 12 Sep/sep 2003 US  
(12.09.2003)

(30) 60/510,461 10 Oct/oct 2003 US  
(10.10.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • METHOD AND APPARATUS FOR  
GENERATING GRAPHICAL AND ME-  
DIA DISPLAYS AT A THIN CLIENT

• PROCEDE ET DISPOSITIF DESTINES  
A GENERER DES AFFICHAGES GRA-  
PHIQUES ET MULTIMEDIA AU NI-  
VEAU D'UN CLIENT

- (71) CITRIX SYSTEMS, INC. [US/US]; 851  
West Cypress Creek Road, Fort Lauderdale,  
FL 33309 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

- (72, 75) ROBINSON, David [AU/AU]; 28 Mur-  
ray Farm Road, Carlingford 2118 (AU).  
LABORCZFALVI, Lee [AU/AU]; 10  
Attunga Street, Seven Hills 2147 (AU).  
SEMAAN, Pierre [AU/CA]; 36 Keldie  
Street, Forestville, NSW 2087 (AU). ROY-  
CHOUUDRY, Anil [AU/AU]; 40 Bricketwood  
Drive, Woodcroft, Nsw 2767 (AU). DU-  
URSMA, Martin [AU/AU]; 4 Orchid Place,  
West Pennant Hills 2125 (AU). PANASYUK,  
Anatoliy [AU/US]; 130 Avenue North East,  
Apt. 2606, Bellevue, WA 98005 (US).  
MOMTCHILOV, Georgy [—/US]; 851  
West Cypress Creek Road, Fort Lauderdale,  
FL 33309 (US).

- (74) LANZA, John, D. et al. / etc.; Lahive &  
Cockfield, LLP, 28 State Street, Boston, MA  
02109 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04N 7/24, 5/00, 7/26, G11B 20/12

(11) WO 2005/029865 (13) A1

(21) PCT/US2004/030012

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 10/663,037 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • RESOURCE-ADAPTIVE MANAGE-  
MENT OF VIDEO STORAGE

• GESTION ADAPTATIVE DE RES-  
SOURCE D'UN STOCKAGE VIDEO

- (71) SCIENTIFIC-ATLANTA, INC. [US/US];  
5030 Sugarloaf Parkway, Lawrenceville, GA  
30044 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

- (72, 75) NAIR, Ajith, N. [US/US]; 1941 Hunters  
Ridge Drive, Lawrenceville, GA 30044 (US).  
WOODHEAD, Douglas, F. [US/US]; 85  
Richlake Drive, Suwanee, GA 30024 (US).  
RODRIGUEZ, Arturo, A. [US/US]; 5315  
Abigail Lane, Norcross, GA 30092 (US).  
BURLESON, David, B. [US/US]; 3102  
Barkley Square Drive, Duluth, GA 30097  
(US).

- (74) COUTURIER, Shelley, L. et al. / etc.;  
Scientific-Atlanta, Inc., Intellectual Prop-  
erty Dept., 5030 Sugarloaf Parkway,  
Lawrenceville, GA 30044 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04N 7/26, 7/34, G06T 9/00

(11) WO 2005/029866 (13) A1

(21) PCT/EP2004/052196

(22) 16 Sep/sep 2004 (16.09.2004)

(25) de (26) de

(30) 10343220.5 18 Sep/sep 2003 DE  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

- (54) • METHOD FOR TRANSCODING A  
DATA STREAM COMPRISING ONE  
OR MORE CODED, DIGITISED IM-  
AGES

• PROCEDE POUR TRANSCODER UN  
FLUX DE DONNEES COMPRENANT  
UNE OU PLUSIEURS IMAGES NUME-  
RISEES CODEES

- (71) SIEMENS AKTIENGESELLSCHAFT  
[DE/DE]; Wittelsbacherplatz 2, 80333  
München (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

- (72, 75) BIALKOWSKI, Jens-Günter  
[DE/DE]; Dompfaffstrasse 144, 91056  
Erlangen (DE). KAUP, André [DE/DE];  
Hofgärten 18, 91090 Effeltrich (DE).

- (74) SIEMENS AKTIENGESELLSCHAFT;  
Postfach 22 16 34, 80506 München (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04N 7/26

(11) WO 2005/029867 (13) A1

(21) PCT/IB2004/051810

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 60/505,222 23 Sep/sep 2003 US  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR PROVIDING VIDEO CONTENT AND CONCEALMENT DEPENDENT ERROR PROTECTION AND SCHEDULING ALGORITHMS

• SYSTEME ET PROCEDE DE DIFFUSION D'UN CONTENU VIDEO, ET ALGORITHMES DEPENDANT DE LA DISSIMULATION ET PERMETTANT D'ASSURER LA PROTECTION CONTRE LES ERREURS ET L'ORDONNANCEMENT

(71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN DER SCHAAR, Mihaela [NL/US]; P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US). TURAGA, Deepak [IN/US]; P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS, N.V.; c/o GATHMAN, Laurie, P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04N 7/26, 7/50

(11) WO 2005/029868 (13) A1

(21) PCT/IB2004/051811

(22) 21 Sep/sep 2004 (21.09.2004)

(25) en (26) en

(30) 60/505,221 23 Sep/sep 2003 US (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RATE-DISTORTION VIDEO DATA PARTITIONING USING CONVEX HULL SEARCH

• CLOISONNEMENT DE DONNEES VIDEO A DISTORSION DU TAUX PAR RECHERCHE A ENVELOPPE CONVEXE

(71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YE, Jong Chul [KR/US]; P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS, N.V.; c/o GATHMAN, Laurie, P.O. Box 3001, Briarcliff Manor, New York 10510-8001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04N 7/52, 7/62, H03M 9/00

(11) WO 2005/029869 (13) A1

(21) PCT/EP2003/010522

(22) 22 Sep/sep 2003 (22.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR FORMING A BIDIRECTIONAL MULTIMEDIA LINK

• SYSTEME ET PROCEDE PERMETTANT DE FORMER UN LIEN MULTIMEDIA BIDIRECTIONNEL

(71) INOVA SEMICONDUCTORS GMBH [DE/DE]; Ismaninger Str.3 Rgb., 81675 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIEDEL, Michael [DE/DE]; Inova Semiconductors GmbH, Ismaninger Str. 3 Rgb., 81675 München (DE). NEUMANN, Roland [DE/DE]; Inova Semiconductors

GmbH, Ismaninger Strasse 3 Rgb., 81675 München (DE).

(74) WINTER BRANDL FÜRNISS HÜBNER RÖSS KAISER POLTE -PARTNERSHIP; Patent- And Law Firm, Alois-Steinacker-Strasse 22, 85354 Freising (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)<sup>7</sup> H04N 9/68, 9/67

(11) WO 2005/029870 (13) A1

(21) PCT/IB2004/051797

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 60/504,996 22 Sep/sep 2003 US (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SATURATION CORRECTION FOR COLOR PICTURES

• CORRECTION DE SATURATION POUR IMAGES EN COULEURS

(71) KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(71) U.S. PHILIPS CORPORATION [US/US]; 1251 Avenue of the Americas, New York, NY 10020 (US).

(only for / seulement pour AE)

(72, 75) NIEUWENHUIZEN, Michel [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(74) KONINKLIJKE PHILIPS ELECTRONICS, N.V.; c/o Russell Gross, P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(1) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> H04N 13/00

(11) WO 2005/029871 (13) A2

(21) PCT/EP2004/009480

(22) 25 Aug/août 2004 (25.08.2004)

(25) de (26) de

(30) 103 42 465.2 15 Sep/sep 2003 DE  
(15.09.2003)

(30) 103 48 618.6 20 Oct/oct 2003 DE  
(20.10.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR CREATING A STEREO-  
SCOPIC IMAGE MASTER FOR IMAG-  
ING METHODS WITH THREE-DIMEN-  
SIONAL DEPTH RENDITION AND DE-  
VICE FOR DISPLAYING A STEREO-  
SCOPIC IMAGE MASTER

• PROCEDE POUR CREER UN MO-  
DELE D'IMAGE EN TROIS DIMEN-  
SIONS DESTINE A DES PROCEDES  
D'IMAGERIE A EFFET DE PRO-  
FONDEUR SPATIALE ET DISPOS-  
ITIF POUR AFFICHER UN MODELE  
D'IMAGE EN TROIS DIMENSIONS

(71, 72) GRASNICK, Armin [DE/DE]; Quer-  
gasse 3, 07743 Jena (DE).

(74) KRÜSPIG, Volkmar et al. / etc.; Meiss-  
ner, Bolte & Partner GbR, Geschwis-  
ter-Scholl-Str. 15, 07545 Gera (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04N 13/00

(11) WO 2005/029872 (13) A1

(21) PCT/IB2004/051722

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 0322060.5 20 Sep/sep 2003 GB  
(20.09.2003)

(30) 0328955.0 12 Dec/déc 2003 GB  
(12.12.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMPROVING IMAGE QUALITY IN AN  
IMAGE DISPLAY DEVICE

• AMELIORATION DE LA QUALITE  
D'IMAGES DANS UN DISPOSITIF  
D'AFFICHAGE D'IMAGES

(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KARMAN, Gerardus, P. [NL/NL]; c/o  
Philips Intellectual Property & Standards,  
Cross Oak Lane, Redhill Surrey RH1 5HA  
(GB). SCHOELLMANN, Volker [DE/DE];  
c/o Philips Intellectual Property & Standards,  
Cross Oak Lane, Redhill Surrey RH1 5HA  
(GB).

(74) WHITE, Andrew, G.; c/o Philips Intellec-  
tual Property & Stan, Cross Oak Lane, Red-  
hill Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(51)<sup>7</sup> H04N 13/04

(11) WO 2005/029873 (13) A1

(21) PCT/IB2004/051717

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 0322058.9 20 Sep/sep 2003 GB  
(20.09.2003)

(30) 0328954.3 12 Dec/déc 2003 GB  
(12.12.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • IMAGE DISPLAY DEVICE

• DISPOSITIF D'AFFICHAGE D'IMAGES

(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) IJZERMAN, Willem, L. [NL/NL]; c/o  
Philips Intellectual Property, & Standards,  
Cross Oak Lane, Redhill Surrey RH1 5HA  
(GB). DOORNKAMP, Ciska [NL/NL]; c/o  
Philips Intellectual Property, & Standards,  
Cross Oak Lane, Redhill Surrey RH1 5HA  
(GB).

(74) WHITE, Andrew, G.; c/o Philips Intellec-  
tual Property, & Standards, Cross Oak Lane,  
Redhill Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(51)<sup>7</sup> H04N 17/00

(11) WO 2005/029874 (13) A1

(21) PCT/IB2004/051648

(22) 1 Sep/sep 2004 (01.09.2004)

(25) en (26) en

(30) 03103474.7 22 Sep/sep 2003 EP  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR  
GENERATING A PRESENTATION IM-  
AGE

• METHODE ET APPAREIL DE GENE-  
RATION D'UNE IMAGE DE PRESEN-  
TATION

(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) VAN DER VEEN, Minne [NL/NL]; c/o  
Prof. Holstlaan 6, NL-5656 AA Eindhoven  
(NL).

(74) GROENENDAAL, Antonius, W., M.; Prof.  
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG



MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04Q

(11) WO 2005/029875 (13) A2

(21) PCT/IB2004/003099

(22) 23 Sep/sep 2004 (23.09.2004)

(25) en (26) en

(30) 10/670,426 24 Sep/sep 2003 US (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DIGITAL CONVERTIBLE RADIO SNR OPTIMIZATION

- OPTIMISATION DU RAPPORT SIGNAL-BRUIT DANS UN EMETTEUR RADIO A CONVERSION NUMERIQUE

(71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72) DA SILVEIRA, Marthinus, W.; 7 Cloutier Street, Nepean, Ontario K2J 4T4 (CA). McGOWAN, M., Neil; 5 Kearnsley Way, Stittsville, Ontario K2S 1G8 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04Q

(11) WO 2005/029876 (13) A2

(21) PCT/US2004/030290

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 10/665,812 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR MANAGING MULTICAST DELIVERY TO MOBILE DEVICES INVOLVING A PLURALITY OF DIFFERENT NETWORKS

- PROCEDE ET APPAREIL DE GESTION DE TRANSMISSION MULTIDIFFUSION VERS DES DISPOSITIFS MOBILES IMPLIQUANT PLUSIEURS DIFFERENTS RESEAUX

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) OOMMEN, Paul [IN/US]; 8723 Stonecrest Drive, Irving, TX 75063 (US).

(74) SMITH, Harry, F.; Harrington & Smith, LLP, 4 Research Drive, Shelton, CT 06484-6212 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q

(11) WO 2005/029877 (13) A2

(21) PCT/US2004/030752

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en

(26) en

(30) 10/666,406 19 Sep/sep 2003 US (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • USE OF AN AUTOCONFIGURED NAMESPACE FOR AUTOMATIC PROTOCOL PROXYING

- UTILISATION D'UN ESPACE DES NOMS A CONFIGURATION AUTONOME POUR LA PROCURATION DE PROTOCOLE AUTOMATIQUE

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILLIAMS, Aidan, Michael [AU/AU]; 39 Hastings Avenue, Chifley, NSW 2036 (AU). WHITE, Andrew [AU/AU]; 54/276 Bunnerong Road, Matraville, NSW 2036 (AU).

(74) NICHOLS, Daniel K. et al. / etc.; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q

(11) WO 2005/029878 (13) A2

(21) PCT/US2004/030781

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/503,490 17 Sep/sep 2003 US (17.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD OF OPERATION FOR NETWORK OVERLAY GEOLOCATION SYSTEM WITH REPEATERS

- SYSTEME ET PROCEDE DE FONCTIONNEMENT POUR UN SYSTEME DE GEOLOCATION DE SUPERPOSITIONS DE RESEAU A REPETEURS

(71) ANDREW CORPORATION [US/US]; 19700 Janelia Farm Boulevard, Ashburn, VA (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KENNEDY, Joseph, P., Jr. [US/US]; 11127 Elmview Place, Great Falls, VA 22066 (US). CARLSON, John, Peter [US/US]; 12006 Trossack Road, Herndon, VA 20170 (US). GRAVELY, Thomas, B. [US/US]; 11693 Hanna Overlook Court, Herndon, VA 20170 (US). BECK, Andrew [US/US]; 21576 LeFevre Inn Drive, Ashburn, VA 20148 (US).

(74) **COMTOIS, Mark, C.**; 1667 K Street, N.W., Suite 700, Washington, DC 20006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/00

(11) **WO 2005/029879** (13) A1

(21) PCT/CN2003/001119

(22) **25 Dec/déc 2003 (25.12.2003)**

(25) zh (26) zh

(30) 03134818.1 **25 Sep/sep 2003 CN (25.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A VOCODER EQUIPMENT IN MOBILE COMMUNICATION SYSTEM AND A METHOD OF SPEECH FRAME SCHEDULING

• APPAREIL DE VOCODEUR DANS UN SYSTEME DE COMMUNICATION MOBILE ET PROCEDE DE PROGRAMMATION DE TRAME VOCALE

(71) **ZTE CORPORATION** [CN/CN]; ZTE Plaza, Keji Road South Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LI, Canwei** [CN/CN]; ZTE Plaza, Keji Road South Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). **CHEN, Shijun** [CN/CN]; ZTE Plaza, Keji Road South Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). **XU, Dejun** [CN/CN]; ZTE Plaza, Keji Road South Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). **WU, Xiaosu** [CN/CN]; ZTE Plaza, Keji Road South Hi-Tech Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

(74) **BEIJING LEADER PATENT AGENCY CO., LTD et al.** / etc.; Daolong Building, No.13 Huayuanlu Haidian District, Beijing 100088 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/00

(11) **WO 2005/029880** (13) A1

(21) PCT/CN2003/000805

(22) **22 Sep/sep 2003 (22.09.2003)**

(25) zh (26) zh

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • THE METHOD OF NON-CID TERMINAL RECEIVING SHORT MESSAGE AND NON-CID TERMINAL RECEIVE SHORT MESSAGE WITH CID TERMINAL COMPATIBLE

• PROCEDE DE RECEPTION DE MESSAGES COURTS SUR TERMINAL NON CID ET RECEPTION DE MESSAGES COURTS SUR UN TERMINAL NON CID A L'AIDE D'UN TERMINAL COMPATIBLE CID

(71) **ZTE CORPORATION** [CN/CN]; ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, 518057 Guangdong Province (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LU, Haibo** [CN/CN]; ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, 518057 Guangdong Province (CN). **WANG, Peng** [CN/CN]; ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, 518057 Guangdong Province (CN). **LI, Zhengang** [CN/CN]; ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, 518057 Guangdong Province (CN). **HE, Jun** [CN/CN]; ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, 518057 Guangdong Province (CN). **HOU, Shidong** [CN/CN]; ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen City, 518057 Guangdong Province (CN).

(74) **ZHONGZI LAW OFFICE**; 17th Floor, Tower C, International Investment Building, 6-9 Fuchengmen Beidajie, Beijing 100034 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/00

(11) **WO 2005/029881** (13) A2

(21) PCT/US2004/030110

(22) **13 Sep/sep 2004 (13.09.2004)**

(25) en

(26) en

(30) 60/501,693 **13 Sep/sep 2003 US (13.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A WIRELESS COMMUNICATIONS SYSTEM EMPLOYING A NETWORK ACTIVE SET FORMED FROM BASE STATIONS OPERABLE AS PRIMARY AND SECONDARY AGENTS

• SYSTEME DE COMMUNICATIONS SANS FIL UTILISANT UN ENSEMBLE ACTIF DE RESEAU FORME A PARTIR DE STATIONS DE BASE FONCTIONNANT COMME AGENTS PRIMAIRE ET SECONDAIRE

(71) **LUCENT TECHNOLOGICS INC.** [US/US]; 600 Mountain Avenue, P.O. Box 636, Murray Hill, NJ 07974-0636 (US). (for all designated States except / pour tous les États désignés sauf US)

(72) **DAS, Suman**; 224 Country Club Lane, Scotch Plains, NJ 07076 (US). **KLEIN, Thierry, E.**; 1000 Central Avenue, Apt. 111 B, Westfield, NJ 07090 (US). **LEUNG, Kin, K.**; 10 Rainford Road, Edison, NJ 08820 (US). **MUKHERJEE, Sayandev**; 127 Marion Drive, Plainsboro, NJ 08536 (US). **MULLANY, Francis, Joseph**; 20 Percheron Close Shaw, Swindon, Wilshire SN5 5RF (GB). **RITTENHOUSE, George, E.**; 6 Heyward Hills Drive, Holmdel, NJ 07733 (US). **SAMUEL, Louis, Gwyn**; 3 Beech Drive Common Platt, Swindon, Wiltshire SN5 5DQ (GB). **VISWANATHAN, Harish**; 4 Hopkinson Court, Basking Ridge, NJ 07920 (US). **ZHENG, Haitao**; 92 Victoria Drive, Eatontown, NJ 07724 (US).

(74) **MORGAN, Terry, D.**; Williams, Morgan & Amerson, 10333 Richmond, Suite 1100, Houston, TX 77042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/20

(11) **WO 2005/029882** (13) A1

(21) PCT/NZ2004/000233

(22) **27 Sep/sep 2004 (27.09.2004)**

(25) en (26) en

(30) 528461 **25 Sep/sep 2003 NZ (25.09.2003)**

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AUDIO CONFIGURATION IN MOBILE RADIO EQUIPMENT

• CONFIGURATION AUDIO DANS UN EQUIPEMENT RADIO MOBILE

- (71) **TAIT ELECTRONICS LIMITED** [NZ/NZ]; 558 WAIRAKEI ROAD, BURN-SIDE, CHRISTCHURCH (NZ).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LILBURN, Lindsay, Allan** [NZ/NZ]; 20 WYOMING AVENUE, MURRAY'S BAY, AUCKLAND (NZ). **GRAHAM, John, Alexander** [GB/NZ]; 18 RIVERTON TERRACE, CHRISTCHURCH (NZ).
- (74) **CHRISTIE, Andrew, L et al. / etc.**; Davies Collison Cave, Level 3, 303 Coronation Drive, Milton, Queensland 4064 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04Q 7/22, H04M 3/53**
- (11) **WO 2005/029883** (13) A1
- (21) PCT/EP2004/009353
- (22) **20 Aug/août 2004 (20.08.2004)**
- (25) de (26) de
- (30) 103 40 577.1 **1 Sep/sep 2003 DE (01.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • METHOD AND DEVICE FOR ADAPTING MULTIMEDIA INFORMATION CONTENT TO A RECEIVER TYPE  
• PROCEDE ET DISPOSITIF D'ADAPTATION DU CONTENU D'UNE INFORMATION MULTIMEDIA AU TYPE DE RECEPTEUR
- (71) **SPEECH-DESIGN CARRIER SYSTEMS GMBH** [DE/DE]; Industriestrasse 25a, 22880 Wedel (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARTENS, Robert** [DE/DE]; Rehnaer Strasse 8, 25488 Holm (DE). **MARTENS, Jan** [DE/DE]; Paulinenallee 41, 20259 Hamburg (DE).
- (74) **KAHLHÖFER, Hermann; KAHHLÖFER NEUMANN HERZOG FIESSER**, Karlstrasse 76, 40210 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> **H04Q 7/22, G01S 5/02**
- (11) **WO 2005/029885** (13) A1
- (21) PCT/US2004/030081
- (22) **15 Sep/sep 2004 (15.09.2004)**
- (25) en (26) en
- (30) 10/664,316 **17 Sep/sep 2003 US (17.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SYSTEM AND METHOD FOR PROVIDING DIFFERENTIAL LOCATION SERVICES  
• SYSTEME ET PROCEDE POUR FOURNIR DES SERVICES D'EMPLACEMENT DIFFERENTIEL
- (71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FI-02150 Espoo FI (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TROSSEN, Dirk** [DE/US]; 515 Putnam Avenue, Unit 5, Cambridge, MA 02139 (US). **PAVEL, Dana** [RO/US]; 515 Putnam Avenue, Unit 5, Cambridge, MA 02139 (US).
- (74) **SPENCE, Andrew, T. et al. / etc.**; Alston & Bird LLP, Bank of America Plaza, Suite 4000, 101 South Tryon Street, Charlotte, NC 28280-4000 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04Q 7/24**
- (11) **WO 2005/029886** (13) A1
- (21) PCT/JP2004/013616
- (22) **17 Sep/sep 2004 (17.09.2004)**
- (25) ja (26) ja
- (30) 2003-327385 **19 Sep/sep 2003 JP (19.09.2003)**
- (30) 2003-327386 **19 Sep/sep 2003 JP (19.09.2003)**
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • SYSTEM USING INTERNATIONAL ROAMING-CAPABLE MOBILE COMMUNICATION NETWORK  
• SYSTEME UTILISANT UN RESEAU DE COMMUNICATIONS MOBILES CAPABLE D'UNE ITINERANCE INTERNATIONALE
- (71) **VODAFONE K.K.** [JP/JP]; 5-1, Atago 2-chome, Minato-ku, Tokyo, 1056205 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AOKI, Tomonori** [JP/JP]; c/o Vodafone K.K. 5-1, Atago 2-chome, Minato-ku, Tokyo, 1056205 (JP). **DOI, Masayuki** [JP/JP]; c/o Vodafone K.K. 5-1, Atago 2-chome, Minato-ku, Tokyo, 1056205 (JP). **MURAI, Yusuke** [JP/JP]; c/o Vodafone K.K. 5-1, Atago 2-chome, Minato-ku, Tokyo, 1056205 (JP). **IRITANI, Tadahisa** [JP/JP]; c/o Vodafone K.K. 5-1, Atago 2-chome, Minato-ku, Tokyo, 1056205 (JP). **KATAOKA, Eichi** [JP/JP]; c/o Vodafone K.K. 5-1, Atago 2-chome, Minato-ku, Tokyo, 1056205 (JP).
- (74) **TAKEYAMA, Yoshitaka**; Yukon Tokkyo Jimusho, Shinkawa-Ohara BLDG. 6F 27-8, Shinkawa 1-chome, Chuo-ku, Tokyo, 1040033 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04Q 7/24

(11) WO 2005/029887 (13) A1

(21) PCT/KR2004/002406

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 10-2003-0065053 19 Sep/sep 2003 KR  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DATA PUSH SERVICE SYSTEM AND  
METHOD USING A HETEROGE-  
NEOUS NETWORK  
• SYSTEME A SERVICE DE DISTRIBU-  
TION SELECTIVE DES DONNEES PAR  
UN RESEAU HETEROGENE ET PRO-  
CEDE CORRESPONDANT

(71) SAMSUNG ELECTRONICS CO., LTD.  
[KR/KR]; 416, Maetan-dong, Yeongtong-gu,  
Suwon-si, Gyeonggi-do 442-742 (KR).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) LEE, Sang-Do [KR/KR]; #204,  
1270-2, Maetan 3-dong, Paldal-gu, Su-  
won-si, Gyeonggi-do 442-373 (KR). KIM,  
Jin-Man [KR/KR]; #511-1503, Samsung  
5-cha, Bojeong-ri, Guseong-myeon, Yon-  
gin-si, Gyeonggi-do 449-913 (KR). KIM,  
Tae-Won [KR/KR]; #230-1703, Sung-  
won Sangttevill 3-cha, Sanghyun-dong,  
Yongin-si, Gyeonggi-do 449-843 (KR).  
JEON, Young-Ki [KR/KR]; #208-704,  
Hyundai Town, Sinyeongtong-dong,  
Banwol-ri, Taean-eup, Hwaseong-gun,  
Gyeonggi-do 445-973 (KR). LEE, Jin-Soo  
[KR/KR]; #108-1902, Dongsuwon LG  
Village, Mangpo-dong, Paldal-gu, Su-  
won-si, Gyeonggi-do 442-706 (KR). KIM,  
Soo-Hoi [KR/KR]; #107-1104, Hyundai  
APT., Pungdeokcheon-ri, Suji-eup, Yon-  
gin-si, Gyeonggi-do 449-846 (KR). KO,  
Jin-Seok [KR/KR]; #516-403, Samsung  
5-cha APT., Pungdeokcheon-ri, Suji-eup,  
Yongin-si, Gyeonggi-do 449-846 (KR).  
CHANG, Hong-Sung [KR/KR]; #435-1802,  
Cheongmyeongmaeul, Samsung raemian  
APT., Yeongtong-dong, Paldal-gu, Suwon-si,  
Gyeonggi-do 442-738 (KR). MOON,  
Sang-Jun [KR/KR]; #113-1602, Ssangy-  
ong APT., Bora-ri, Giheung-eup, Yon-  
gin-si, Gyeonggi-do 449-904 (KR). JUNG,  
Je-Hyun [KR/KR]; #848-104, Byuckjeok-  
gol 8-danji Jugong APT., Yeongtong-dong,  
Paldal-gu, Suwon-si, Gyeonggi-do 442-725  
(KR).

(74) LEE, Keon-Joo; Mihwa Bldg. 110-2,  
Myongryun-dong 4-ga, Chongro-gu, Seoul  
110-524 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04Q 7/24

(11) WO 2005/029888 (13) A1

(21) PCT/US2003/026464

(22) 22 Aug/août 2003 (22.08.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CELLULAR BASED LOCATION OF  
WIRELESS LOCAL AREA NET-  
WORKS  
• LOCALISATION PAR VOIE CELLU-  
LAIRE DE RESEAUX LOCAUX SANS  
FIL

(71) THOMSON LICENSING S.A. [FR/FR];  
46, Quai A. Le Gallo, F-92648 Boulogne  
(FR).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) LITWIN, Louis, Robert [US/US];  
34-14 Quail Ridge Drive, Plainsboro, NJ  
08536 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; c/o Thom-  
son Licensing Inc., 2 Independence Way Suite  
2, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> H04Q 7/26, H04M 1/725

(11) WO 2005/029889 (13) A1

(21) PCT/EP2004/052161

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 10/669,578 23 Sep/sep 2003 US  
(23.09.2003)

(30) 10/669,314 23 Sep/sep 2003 US  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • WIRELESS TELEPHONE SYSTEM IN-  
CLUDING VOICE OVER IP AND POTS  
• SYSTEME DE TELEPHONE SANS  
FIL DOTE D'UNE FONCTIONNALITE  
VOIX SUR IP ET POTS

(71) INTERNATIONAL BUSINESS MA-  
CHINES CORPORATION [US/US]; New  
Orchard Road, Armonk, New York 10504  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(71) IBM UNITED KINGDOM LIMITED  
[GB/GB]; PO Box 41, North Harbour,  
Portsmouth Hampshire PO6 3AU (GB).

(only for / seulement pour MG)

(72, 75) KUSNITZ, Jeffrey [US/US]; 1198  
Coolidge Avenue, San Jose, California  
95125 (US). SLIWA, James [US/US]; 4305  
Craddock Road, Raleigh, North Carolina  
27613-2010 (US).

(74) MATHER, Belinda; IBM United Kingdom  
Limited, Intellectual Property Law, Hursley  
Park, Winchester Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04Q 7/32, H04L 12/56

(11) WO 2005/029890 (13) A1

(21) PCT/IT2003/000563

(22) 19 Sep/sep 2003 (19.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • POCKET DIGITAL WIRELESS DEVICE  
FOR THE PERSONAL INFORMATION  
MANAGEMENT AND FOR THE AU-  
THENTICATION OF THE COMMU-  
NICATION AND THE INFORMATION  
EXCHANGE WITH OTHER DIGITAL  
DEVICES

• DISPOSITIF NUMERIQUE SANS FIL  
DE POCHE DESTINE A LA GES-  
TION DES INFORMATIONS PERSON-  
NELLES ET A L'AUTHENTIFICATION  
DE LA COMMUNICATION AINSI  
QU'A L'ECHANGE D'INFORMATIONS  
AVEC D'AUTRES DISPOSITIFS NU-  
MERIQUES

(71) INNOVA S.R.L. [IT/IT]; Via Foggia 3B,  
I-85025 Melfi, Potenza (IT).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) NAVAZIO, Michele [IT/IT]; Via Foggia  
3B, I-85025 Melfi, Potenza (IT).

(74) MASCIOLI, Alessandro; Via Leonina, 26,  
I-00184 Roma (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> H04Q 7/32

(11) WO 2005/029891 (13) A1

(21) PCT/US2004/029240

(22) 8 Sep/sep 2004 (08.09.2004)

(25) en (26) en

(30) 10/665,962 18 Sep/sep 2003 US (18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEM AND METHOD FOR OVER THE AIR AREA CODE UPDATE  
• SYSTEME ET PROCEDE POUR AC-TUALISER UN INDICATIF DE ZONE PAR LIAISON RADIO

(71) KYOCERA WIRELESS CORP. [US/US]; 10300 Campus Point Drive, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIRBAS, Bilhan [US/US]; 5117-D Renaissance Avenue, San Diego, CA 92122 (US). RAJARAM, Gowri [IN/US]; 1151 Sunbright Drive, Oceanside, CA 92056 (US).

(74) CONNELL, Kathleen, L. et al. / etc.; Kyocera Wireless Corp., Intellectual Property Department, P.O. Box 928289, San Diego, CA 92192-8289 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

## Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW

GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04Q 7/34

(11) WO 2005/029892 (13) A1

(21) PCT/CA2003/001428

(22) 19 Sep/sep 2003 (19.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MOBILE USER LOCATION TRACKING SYSTEM  
• SYSTEME DE LOCALISATION D'UTILISATEURS DE TELEPHONE MOBILE

(71) BELL MOBILITY INC. [CA/CA]; Suite 4100, 1000 De La Gauchetière, Montreal, Québec H3B 5H8 (CA).

(72) MCAVOY, Derek; 8 Park Road, Unit 2002, Toronto, Ontario M4W 3S5 (CA). LEBEDKO, Oleg; 7 Kingly Crest Way, Woodbridge, Ontario L4H 1M7 (CA). SHUSHAKOV, Igor; Apt. 602, 24 Eva Road, ETOBICOKE, Ontario M9C 2B2 (CA).

(74) SMART & BIGGAR; 1000 de la Gauchetière Street West, Suite 3300, Montreal, Quebec H3B 4W5 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/34

(11) WO 2005/029893 (13) A1

(21) PCT/EP2003/009230

(22) 20 Aug/août 2003 (20.08.2003)

(25) de (26) de

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • REMOTE QUERY AND REMOTE MAINTENANCE OF A COMMUNICATIONS MODULE  
• CONSULTATION A DISTANCE ET TEL-SURVEILLANCE D'UN MODULE DE COMMUNICATION

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEHM, Christoph [DE/DE]; Schönburgstr. 22, 12103 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM

DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/34, 7/22, H04J 13/00

(11) WO 2005/029894 (13) A1

(21) PCT/JP2003/012171

(22) 24 Sep/sep 2003 (24.09.2003)

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MOBILE STATION  
• STATION MOBILE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AIKAWA, Hideto [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). SHIBUYA, Akihiro [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> H04Q 7/36, H04L 12/28

(11) WO 2005/029895 (13) A1

(21) PCT/JP2004/012722

(22) 2 Sep/sep 2004 (02.09.2004)

(25) ja (26) ja

(30) 2003-329766 22 Sep/sep 2003 JP (22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • RADIO COMMUNICATION APPARATUS, RADIO COMMUNICATION SYSTEM, AND BASE STATION EQUIPMENT  
• APPAREIL ET SYSTEME DE RADIO-COMMUNICATION, ET EQUIPEMENT DE STATION DE BASE

(71) KEIO UNIVERSITY [JP/JP]; 15-45, Mita 2-chome, Minato-ku, Tokyo, 1088345 (JP). MULTIMEDIA RESEARCH INSTITUTE CORP. [JP/JP]; Hill Crest Hiramawacho 1F, 5-7, Hiramawacho 2-chome, Chiyoda-ku, Tokyo, 1020093 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAGAWA, Masao [JP/JP]; c/o Keio University Faculty of Science and Technology, 14-1, Hiyoshi 3-chome, Kohoku-ku,

Yokohama-shi, Kanagawa, 2238522 (JP).  
ESMAILZADEH, Riaz [AU/JP]; c/o Keio University Faculty of Science and Technology, 14-1, Hiyoshi 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa, 2238522 (JP).

(74) SHIMIZU, Chiharu; 4th Floor, Nakagin-Shiroshima Bldg., 16-13, Ginza 8-chome, Chuo-ku, Tokyo 1040061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/36, H04B 7/06

(11) WO 2005/029896 (13) A1

(21) PCT/SE2004/001218

(22) 20 Aug/août 2004 (20.08.2004)

(25) en (26) en

(30) 10/668,363 24 Sep/sep 2003 US (24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • REDUCING SHARED DOWNLINK RADIO CHANNEL INTERFERENCE BY TRANSMITTING TO MULTIPLE MOBILES USING MULTIPLE ANTENNA BEAMS

• REDUCTION DE L'INTERFERENCE D'UN CANAL RADIO DE LIAISON DESCENDANTE PARTAGE PAR REALISATION D'UNE EMISSION EN DIRECTION DE PLUSIEURS DISPOSITIFS MOBILES AU MOYEN DE PLUSIEURS FAISCEAUX D'ANTENNES

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) [SE/SE]; Torshamnsgatan 23, S-164 83 Srockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72) OSSEIRAN, Afif; Imatragatan 113, S-164 78 Kista (SE). LOGOTHETIS, Andrew; Svartbäcksgatan 18A, S-753 32 Uppsala (SE). ERICSON, Mårten; Majorsgatan 8, S-976 31 Luleå (SE).

(74) MAGNUSSON, Monica; Ericsson AB, Patent Unit Radio Networks, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

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(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04Q 7/38, G01S 5/02

(11) WO 2005/029897 (13) A1

(21) PCT/CA2003/001427

(22) 19 Sep/sep 2003 (19.09.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MOBILE USER POSITION LOCATING SYSTEM

• SYSTEME DE LOCALISATION DE LA POSITION D'UN UTILISATEUR DE PORTABLE

(71) BELL MOBILITY INC. [CA/CA]; Suite 4100, 1000 De La Gauchetière, Montreal, Québec H3B 5H8 (CA).

(72) MCAVOY, Derek; 8 Park Road, Unit 2002, Toronto, Ontario M4W 3S5 (CA).

(74) SMART & BIGGAR; 1000 de la Gauchetière Street West, Suite 3300, Montreal, Quebec H3B 4W5 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/38, 7/32

(11) WO 2005/029898 (13) A1

(21) PCT/EP2004/010277

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 03077966.4 19 Sep/sep 2003 EP (19.09.2003)

(30) 60/505,902 25 Sep/sep 2003 US (25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD FOR MAINTAINING A CONNECTION WHEN A REQUEST IS PENDING

• PROCÉDE PERMETTANT DE MAINTENIR UNE CONNEXION LORSQU'UNE DEMANDE EST EN ATTENTE

(71) TELEFONAKTIEBOLAGET L.M. ERICSSON (PUBL) [SE/SE]; S-164 83 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DAVIDSSON, Marcus [SE/SE]; Flygelvägen 26, S-224 72 Lund (SE).

(74) STRÖM & GULLIKSON IPC AB; P.O. Box 793, S-220 07 Lund (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/38

(11) WO 2005/029899 (13) A1

(21) PCT/EP2004/051713

(22) 4 Aug/août 2004 (04.08.2004)

(25) en (26) en

(30) 0322239.5 23 Sep/sep 2003 GB (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND MOBILE STATION FOR AUTOMATIC CREATION OF TALK GROUP

• PROCÉDE ET STATION MOBILE POUR CREATION AUTOMATIQUE D'UN GROUPE DE DISCUSSION

(71) MOTOROLA INC [US/US]; 1303 E. Algonquin Road, Schaumburg, Illinois 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JORGENSEN, Niels Erik [DK/DK]; Gildbrovej 45, DK-2635 Ishøj (DK).

(74) MCCORMACK, Derek J.; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke Hampshire RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2005/029900 (13) A1

(21) PCT/EP2004/051861

(22) 20 Aug/août 2004 (20.08.2004)

(25) en (26) en

(30) 03425615.6 23 Sep/sep 2003 EP (23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • A METHOD AND SYSTEM FOR PERFORMING RADIO RESOURCE MANAGEMENT IN A MOBILE RADIO NETWORK

- PROCEDE ET SYSTEME DE GESTION DE RESSOURCES RADIO DANS UN RESEAU RADIO MOBILE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE). SIEMENS MOBILE COMMUNICATIONS S.P.A. [IT/IT]; Viale Piero e Alberto Pirelli, 10, I-20126 Milano (IT).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRAUSE, Jörn [DE/DE]; Freibergstr. 28-30, 12107 Berlin (DE). MEMAR, Mohammad ali [AT/AT]; Gallmeyergasse 18/4/2, A-1190 Wien (AT). MEAGO, Francesco [IT/IT]; Via Grumello 24/A, I-23100 Sondrio (IT).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/38, 7/32

(11) WO 2005/029901 (13) A2

(21) PCT/IB2004/051496

(22) 19 Aug/août 2004 (19.08.2004)

(25) en (26) en

(30) 03124909.4 19 Sep/sep 2003 CN (19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMMUNICATION METHOD AND APPARATUS FOR HANDOVER BETWEEN WIRELESS WIDE AREA NETWORK AND WIRELESS LOCAL AREA NETWORK

- PROCEDE ET APPAREIL DE COMMUNICATION PERMETTANT LE TRANSFERT ENTRE UN RESEAU ETENDU SANS FIL DE TYPE WWAN ET UN RESEAU LOCAL SANS FIL DE TYPE WLAN

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FENG, Lei [CN/CN]; Philips Electronics China 21/F Kerry, Office Building 218 Tian Mu Xi Road, Shanghai 200070 (CN). SHAO, Xiaoling [CN/CN]; Philips Electronics China 21/F Kerry, Office Building 218 Tian Mu Xi Road, Shanghai 200070 (CN). JIN, Xiaohui [CN/CN]; Philips Electronics China 21/F Kerry, Office Building 218 Tian Mu Xi Road, Shanghai 200070 (CN).

DU, Yonggang [CN/CN]; Philips Electronics China 21/F Kerry, Office Building 218 Tian Mu Xi Road, Shanghai 200070 (CN). LIU, Bo [CN/CN]; Philips Electronics China 21/F Kerry, Office Building 218 Tian Mu Xi Road, Shanghai 200070 (CN). SUN, Xiaolu [CN/CN]; Philips Electronics China 21/F Kerry, Office Building 218 Tian Mu Xi Road, Shanghai 200070 (CN).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o HAQUE, Azir, Philips Electronics China, 21/F Kerry, Office Building, 218 Tian Mu Xi Lu Road, Shanghai 200070 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04Q 7/38

(11) WO 2005/029902 (13) A1

(21) PCT/IT2003/000515

(22) 22 Aug/août 2003 (22.08.2003)

(25) en (26) en

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND TELECOMMUNICATIONS SYSTEM FOR POSITIONING ACCURACY NEGOTIATION BETWEEN A LOCATION SERVICE CLIENT AND A TARGET USEREQUIPMENT OF A SUBSCRIBER

- PROCEDE ET SYSTEME DE TELECOMMUNICATIONS POUR LA NEGOCIATION DE LA PRECISION DE POSITIONNEMENT ENTRE UN CLIENT DE SERVICE DE LOCALISATION ET UN EQUIPEMENT UTILISATEUR D'UN ABONNE

(71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) [SE/SE]; S-126 25 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LALA, Alessandro [IT/IT]; Via Canzanella Vecchia, 44, I-80125 Napoli (IT). DE LUCA, Enrico [IT/IT]; Via P. Amato, 7,

I-81100 Caserta (IT). IOVIENO, Maurizio [IT/IT]; Corso Vittorio Emanuele III, 14, I-84085 Mercato San Severino (SA) (IT).

(74) MODIANO, Guido; Modiano & Associati, Via Meravigli 16, I-20123 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/38, H04M 3/22, H04Q 7/32, H04L 12/26

(11) WO 2005/029903 (13) A1

(21) PCT/SE2004/001301

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 60/503,888 22 Sep/sep 2003 US (22.09.2003)

(30) 60/585,521 6 Jul/juil 2004 US (06.07.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND SYSTEM FOR MANAGEMENT OF ALTERNATIVE SERVICES IN A COMMUNICATION NETWORK

- PROCEDE ET SYSTEME DE GESTION DES SERVICES DE REMPLACEMENT DANS UN RESEAU DE COMMUNICATIONS

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).

(72) HEDBERG, Tomas; Grubbensringen 31, S-112 69 Stockholm (SE). BURMAN, Bo; Allévågen 6B, S-194 44 Upplands Väsby (SE).

(74) AROS PATENT AB; P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD

GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(51)<sup>7</sup> H04Q 7/38

(11) WO 2005/029904 (13) A1

(21) PCT/US2004/030103

(22) 13 Sep/sep 2004 (13.09.2004)

(25) en (26) en

(30) 60/503,194 15 Sep/sep 2003 US  
(15.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SYSTEMS AND METHODS FOR HOME CARRIER DETERMINATION USING A CENTRALIZED SERVER  
• SYSTEMES ET PROCÉDES DE DETERMINATION D'UN SUPPORT DE RESEAU DOMESTIQUE AU MOYEN D'UN SERVEUR CENTRALISE

(71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NASIELSKI, John, Wallace [US/US]; 8719 Elford Court, San Diego, CA 92129 (US). HSU, Raymond, T., S. [US/US]; 17775 Pennacook Court, San Diego, CA 92127 (US).

(74) HARNOIS, Albert, Jr. et al. / etc.; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04Q 11/00, H04J 14/02

(11) WO 2005/029905 (13) A1

(21) PCT/EP2004/052114

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 103 43 615.4 20 Sep/sep 2003 DE  
(20.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • NODE FOR AN OPTICAL COMMUNICATION NETWORK  
• NOEUD POUR RESEAU DE COMMUNICATION OPTIQUE

(71) MARCONI COMMUNICATIONS GMBH [DE/DE]; Gerberstrasse 33, D-71520 Backnang (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PILCHER, Olaf [DE/DE]; Hafnersweg 62, 71522 Backnang (DE). ELBERS, Jorg-Peter [DE/DE]; Hufschmiedstr. 9, 81249 München (DE). WELLBROCK, Glen [US/US]; 2750 Troy Road, Wylie, Texas, 75098 (US).

(74) COCKAYNE, Gillian et al. / etc.; Marconi Intellectual Property, Crompton Close, Basingdon Essex SS14 3BA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H04Q 11/00

(11) WO 2005/029906 (13) A1

(21) PCT/US2004/030365

(22) 14 Sep/sep 2004 (14.09.2004)

(25) en (26) en

(30) 60/502,856 15 Sep/sep 2003 US  
(15.09.2003)(30) 60/504,936 23 Sep/sep 2003 US  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD AND APPARATUS FOR TRANSMISSION CONTROL IN AN ETHERNET PASSIVE OPTICAL NETWORK

• PROCÉDE ET DISPOSITIF DE COMMANDE DES TRANSMISSIONS DANS UN RESEAU OPTIQUE PASSIF ETHERNET

(71) TEKNOVUS, INC. [US/US]; 1363 Redwood Way, Petaluma, CA 94954 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRAMER, Glen [US/US]; 821 Rolling Hill Drive, Petaluma, CA 94954 (US). BOYD, Edward, W. [US/US]; 1806 Pembroke Street, Petaluma, CA 94954 (US).

(74) PARK, A., Richard; 508 Second Street, Suite 201, Davis, CA 95616 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04Q 11/04, H04M 11/06, H04Q 3/58

(11) WO 2005/029907 (13) A1

(21) PCT/GB2004/004030

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 0322269.2 23 Sep/sep 2003 GB  
(23.09.2003)(30) 0419495.7 2 Sep/sep 2004 GB  
(02.09.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BROADBAND COMMUNICATIONS

• TELECOMMUNICATIONS A LARGE BANDE

(71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 NEWGATE STREET, LONDON, Greater London EC1A 7AJ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HENNING, Ian, Douglas [GB/GB]; 76 Princethorpe Road, Ipswich, Suffolk IP3 8NU (GB). WAKE, David [GB/GB]; 'Croeso', Church Lane, Levington, Ipswich, Suffolk IP10 0LQ (GB). DAVEY, Russell [GB/GB]; 4 Dawson Drift, Kesgrave, Ipswich, Suffolk IP5 2YW (GB).

(74) CHABASSEUR, Vincent, Robert; BT Group Legal, Intellectual Property Department, PP: C5A, BT Centre, 81 Newgate Street, London, Greater London EC1A 7AJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ



CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04R

(11) WO 2005/029908 (13) A2

(21) PCT/US2004/029464

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 10/660,733 12 Sep/sep 2003 US  
(12.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LOUDSPEAKER WITH SINGLE OR  
DUAL CHANNEL INPUT SELECTOR  
AND LOCKOUT

• HAUT-PARLEUR DOTE D'UN SELEC-  
TEUR D'ENTREE DE VOIE SIMPLE OU  
DOUBLE ET D'UN VERROUILLAGE

(71) BRITANNIA INVESTMENT CORPO-  
RATION [US/US]; 2550 Britannia Boule-  
vard, Suite F, San Diego, California 92154  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) POLING, John B. [US/US]; Sparks,  
Maryland (US). STAROBIN, Bradley  
M. [US/US]; Baltimore, Maryland (US).  
BARON, Allen S. [US/US]; Baltimore,  
Maryland (US). WAKEFIELD, Danny A.  
[US/US]; Niles, Ohio (US).

(74) CORNWELL, DAVID K.S. et al. / etc.;  
STERNE, KESSLER, GOLDSTEIN & FOX  
P.L.L.C., 1100 New York Avenue, N.W.,  
Washington, District of Columbia 20005  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(t) for all designations / pour toutes les  
désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> H04R 1/10

(11) WO 2005/029909 (13) A1

(21) PCT/KR2003/002074

(22) 9 Oct/oct 2003 (09.10.2003)

(25) en (26) en

(30) 10-2003-0065462 22 Sep/sep 2003 KR  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • VIRTUAL MULTI-CHANNEL  
SPEAKER UNIT

• HAUT-PARLEUR VIRTUEL A PLU-  
SIEURS CANAUX

(71, 72) SHIM, Soon-Teak [KR/KR]; Woosin  
Electronics Co., Ltd., 331-2, Sansung-dong,  
Jung-gu, 301-819 Daejeon City (KR).

(74) PARK, Wonyong; Techvil International  
Patent & Law Firm, 5th Floor, Shinwon  
Bldg., 823-14, Yeoksam 1-dong, Gang-  
nam-gu, 135-933 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> H04R 1/32, 17/00, A61B 8/00

(11) WO 2005/029910 (13) A1

(21) PCT/JP2004/014009

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

(30) 2003-327388 19 Sep/sep 2003 JP  
(19.09.2003)

(30) 2003-344197 2 Oct/oct 2003 JP  
(02.10.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ULTRASONIC PROBE

• SONDE A ULTRASONS

(71) MATSUSHITA ELECTRIC INDUS-  
TRIAL CO., LTD. [JP/JP]; 1006, Oaza  
Kadoma, Kadoma-shi, Osaka, 5718501 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SAITO, Koetsu

(74) NIHEI, Masayuki; Tomin Shinjuku Bldg.  
2F 8-8, Shinjuku 2-chome, Shinjuku-ku,  
Tokyo, 1600022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04R 5/033, 5/04

(11) WO 2005/029911 (13) A1

(21) PCT/IB2004/051644

(22) 1 Sep/sep 2004 (01.09.2004)

(25) en (26) en

(30) 03103487.9 22 Sep/sep 2003 EP  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRIC DEVICE, SYSTEM AND  
METHOD

• DISPOSITIF ELECTRIQUE, SYSTEME  
ET PROCEDE

(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) HOLLEMANS, Gerrit [NL/NL]; c/o  
Prof. Holstlaan 6, NL-5656 AA Eindhoven  
(NL). BUIL, Vincentius, P. [NL/NL]; c/o  
Prof. Holstlaan 6, NL-5656 AA Eindhoven  
(NL).

(74) GROENENDAAL, Antonius, W., M.; Prof.  
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK TR)  
OA (BF BJ CF CG CI CM GA GN GQ GW ML  
MR NE SN TD TG)

(51)<sup>7</sup> H04R 17/00, G01F 1/66

(11) WO 2005/029912 (13) A1

(21) PCT/JP2004/013617

(22) 17 Sep/sep 2004 (17.09.2004)

(25) ja (26) ja

- (30) 2003-325808 **18 Sep/sep 2003** JP  
(18.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • ULTRASONIC VIBRATOR AND ULTRASONIC FLOWMETER USING THE SAME  
• VIBREUR A ULTRASONS ET DEBITMETRE A ULTRASONS L'UTILISANT
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ADACHI, AkihisaSATO, Masato-HASHIMOTO, Masahiko
- (74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiroimi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> H04R 25/00
- (11) WO 2005/029914 (13) A1
- (21) PCT/EP2003/010485
- (22) 19 Sep/sep 2003 (19.09.2003)
- (25) en (26) en
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A METHOD FOR CONTROLLING THE DIRECTIONALITY OF THE SOUND RECEIVING CHARACTERISTIC OF A HEARING AID AND A SIGNAL PROCESSING APPARATUS FOR A HEARING AID WITH A CONTROLLABLE DIRECTIONAL CHARACTERISTIC  
• PROCEDE DE COMMANDE DE LA DIRECTIONNALITE DE LA CARACTERISTIQUE DE RECEPTION SONORE D'UNE PROTESE AUDITIVE ET APPAREIL DE TRAITEMENT D'UN SIGNAL POUR PROTHESE AUDITIVE PRESENTANT UNE CARACTERISTIQUE DIRECTIONNELLE POUVANT ETRE COMMANDEE
- (71) WIDEX A/S [DK/DK]; Ny Vestergaardsvej 25, DK-3500 Varlose (DK).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JENSEN, Lars, Baekgaard [DK/DK]; Laerkevangen 9, DK-3520 Farum (DK). KLINKBY, Kristian, Tjalfe [DK/DK]; Klosterbakken 3, DK-3500 Varlose (DK).
- (74) BETTEN & RESCH; Theatinerstrasse 8, 80333 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H04R 25/00
- (11) WO 2005/029915 (13) A1
- (21) PCT/SE2004/001321
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 0302489-0 **19 Sep/sep 2003** SE  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • A METHOD AND AN ARRANGEMENT FOR DAMPING A RESONANCE FREQUENCY  
• PROCEDE ET SYSTEME D'AMORTISSEMENT DE FREQUENCE DE RESONANCE
- (71) P & B RESEARCH AB [SE/SE]; Splintvedsgatan 7, S-416 80 Göteborg (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ÅSNES, Kristian [SE/SE]; Torgilsgatan 30, S-431 36 Mölndal (SE).
- (74) ÅSNES, Kristian; Entific Medical Systems AB, Box 16024, S-412 21 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H04R 25/00
- (11) WO 2005/029916 (13) A1
- (21) PCT/US2004/029746
- (22) 13 Sep/sep 2004 (13.09.2004)
- (25) en (26) en
- (30) 60/502,199 **12 Sep/sep 2003** US  
(12.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • LOUDSPEAKER ENCLOSURE  
• ENCEINTE ACOUSTIQUE
- (71) NUCORE, INC. [US/US]; 5285 NE Elam Young Parkway, Suite A 500, Hillsboro, OR 97124 (US).
- (71, 72) FLANDERS, Andrew, E. [US/US]; 528 N. 14th Avenue, Cornelius, OR 97113 (US). JUDAH, Bradley, E. [US/US]; 1344 North Clark Street, Cornelius, OR 97113 (US). BARTHA, Andrew [US/US]; 416 Costelloe Dr., Gaston, OR 97119 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (74) McKINNEY, Andrew, J., Jr.; Jones, Tullar & Cooper, P.C., P.O. Box 2266, Eads Station, Arlington, VA 22202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H04R 25/00
- (11) WO 2005/029915 (13) A1
- (21) PCT/SE2004/001321
- (22) 15 Sep/sep 2004 (15.09.2004)
- (25) en (26) en
- (30) 0302489-0 **19 Sep/sep 2003** SE  
(19.09.2003)
- (43) 31 Mar/mar 2005 (31.03.2005)
- (54) • BINAURAL ADAPTIVE HEARING SYSTEM  
• SYSTEME AUDITIF ADAPTATIF BINAURAL
- (71) MCMASTER UNIVERSITY [CA/CA]; c/o ORCIP, 1280 Main Street West, Gilmour Hall, 306G, Hamilton, Ontario L8S 4L8 (CA).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAYKIN, Simon [CA/CA]; 475 Ontario Street, Ancaster, Ontario L9G 3N6 (CA). BECKER, Sue [CA/CA]; 36 Walford Road, Toronto, Ontario M8X 2P3 (CA). BRUCE, Ian [AU/CA]; 1211 King Street West, Hamilton, Ontario L8S 1M3 (CA). BONDY, Jeff [CA/CA]; 1928 Main Street West, #713, Hamilton, Ontario L8S 1J4 (CA). TRAINOR, Laurel [CA/CA]; 106 Dromore Crescent, Hamilton, Ontario L8S 4B2 (CA). RACINE, Ronald, Jay [CA/CA]; 20 Green Meadow Way, Dundas, Ontario L9H 3Z3 (CA).
- (74) BERESKIN & PARR; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> H04R 25/00

(11) WO 2005/029917 (13) A1

(21) PCT/US2004/030346

(22) 16 Sep/sep 2004 (16.09.2004)

(25) en (26) en

(30) 60/504,262 18 Sep/sep 2003 US  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • AUDIO LOUDSPEAKER ENCLOSURE  
• ENCEINTE ACOUSTIQUE DE HAUT-  
PARLEUR AUDIO

(71, 72) NORTON, John, M. [US/US]; 9743 Pali  
Avenue, Tujunga, CA 91042 (US).

(74) LETCHFORD, John, F.; Klehr, Harrison,  
Harvey, Branzburg & Ellers LLP, 260 S.  
Broad Street, Philadelphia, PA 19102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> H04R 25/04

(11) WO 2005/029918 (13) A1

(21) PCT/EP2004/010702

(22) 23 Sep/sep 2004 (23.09.2004)

(25) de (26) de

(30) 103 44 032.1 23 Sep/sep 2003 DE  
(23.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • HEARING AID FOR PEOPLE HARD OF  
HEARING  
• SYSTEME AUDITIF POUVANT ETRE  
UTILISE PAR DES PERSONNES MAL-  
ENTENDANTES

(71, 72) SCHLEGEL, Udo, D. [DE/DE]; Zum  
Sundern 8, 38527 Meine (DE).

(74) KLUNKER.SCHMITT-NIL-  
SON.HIRSCH; Winzererstrasse 106, 80797  
München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H05B

(11) WO 2005/029919 (13) A2

(21) PCT/CN2004/001074

(22) 22 Sep/sep 2004 (22.09.2004)

(25) en (26) en

(30) 10/667,571 22 Sep/sep 2003 US  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • DIMMING CONTROL TECHNIQUES  
USING SELF-EXCITED GATE CIR-  
CUITS

• TECHNIQUES DE COMMANDE  
D'INTENSITÉ ÉCLAIRAGE MET-  
TANT EN OEUVRE DES CIRCUITS À  
GRILLES D'EXCITATION AUTONOME

(71) E. ENERGY DOUBLE TREE LIMITED  
[CN/CN]; Room G001, Tech Centre, 72 Tat  
Chee Avenue, Kowloon Tong, Kowloon,  
Hong Kong (CN).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) HUI, Shu-yuen, Ron [AU/CN]; 2B,  
Block 29, Greenwood Terrace, 26-28 Sui  
Wo Road, Shatin, New Territories, Hong  
Kong (CN). CHUNG, Shu-Hung, Henry  
[CN/CN]; Flat A, 19/F, Tower 1, Scenecliff,  
33 Conduit Road, Hong Kong (CN).

(74) JEEKAI & PARTNERS; Suite 602, Jinyu  
Tower, A129 West Xuan Wu Men Street, Bei-  
jing 100031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H05B 3/56

(11) WO 2005/029920 (13) A1

(21) PCT/GB2004/003857

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 0321916.9 19 Sep/sep 2003 GB  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • SELF-REGULATING ELECTRICAL  
HEATING CABLE

• CABLE CHAUFFANT ELECTRIQUE A  
AUTOREGULATION

(71) HEATSAFE CABLE SYSTEMS LTD  
[GB/GB]; Cromwell Road, Bredbury, Stock-  
port SK6 2RF (GB).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) O'CONNOR, Jason, Daniel, Harold  
[GB/GB]; 2 Kestral View, Simmondley,  
Glossop, Derbyshire SK13 6QE (GB).

(74) PARKINSON, Neil, Scott; Marks & Clerk,  
Sussex House, 83-85 Mosley Street, Man-  
chester M2 3LG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> H05B 3/56

(11) WO 2005/029921 (13) A1

(21) PCT/GB2004/003860

(22) 10 Sep/sep 2004 (10.09.2004)

(25) en (26) en

(30) 0322047.2 20 Sep/sep 2003 GB  
(20.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • METHOD OF PROCESSING PAR-  
ALLEL RESISTANCE ELECTRICAL  
HEATING CABLE

• PROCEDE POUR TRAITER UN CABLE  
DE CHAUFFAGE A RESISTANCE PAR-  
ALLELE

(71) HEAT TRACE LIMITED [GB/GB];  
Cromwell Road, Bredbury, Stockport SK6  
2RF (GB).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) O'CONNOR, Jason, Daniel, Harold  
[GB/GB]; 2 Kestral View, Simmondley,  
Glossop, Derbyshire SK13 6QE (GB).

(74) PARKINSON, Neil, Scott; Marks & Clerk,  
Sussex House, 83-85 Mosley Street, Man-  
chester M2 3LG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> H05B 6/64

(11) WO 2005/029922 (13) A1

(21) PCT/KR2004/000550

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10-2003-0066600 25 Sep/sep 2003 KR  
(25.09.2003)(30) 10-2003-0066601 25 Sep/sep 2003 KR  
(25.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MICROWAVE OVEN

• FOUR A MICRO-ONDES

(71) LG ELECTRONICS INC. [KR/KR];  
20, Yoido-dong, Youngdungpo-gu, Seoul  
150-721 (KR).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) SIN, Mun Su [KR/KR]; Dongsung  
Apt., 101-206 Daebang-dong, Changwon-si,  
Gyeongsangnam-do 641-760 (KR).(74) BAHNG, Hae Cheol et al. / etc.; Kims Inter-  
national Patent & Law Office, 15th Floor Yo  
Sam Building, 648-23, Yeoksam-dong Kang-  
nam-gu, Seoul 135-080 (KR).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> H05B 33/14, 33/22, C09K 11/06

(11) WO 2005/029923 (13) A1

(21) PCT/JP2004/013385

(22) 8 Sep/sep 2004 (08.09.2004)

(25) en (26) en

(30) 2003-331515 24 Sep/sep 2003 JP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTROLUMINESCENT DEVICE

• DISPOSITIF ELECTROLUMINES-  
CENT(71) FUJI PHOTO FILM CO., LTD. [JP/JP];  
210, Nakanuma, Minami-Ashigara-shi,  
Kanagawa 250-0123 (JP).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) NII, Kazumi [JP/JP]; c/o Fuji Photo  
Film Co., Ltd., 210, Nakanuma, Mi-  
nami-Ashigara-shi, Kanagawa 250-0123  
(JP). IGARASHI, Tatsuya [JP/JP]; c/o  
Fuji Photo Film Co., Ltd., 210, Nakanuma,  
Minami-Ashigara-shi, Kanagawa 250-0123  
(JP). WATANABE, Saisuke [JP/JP]; c/o Fuji  
Photo Film Co., Ltd., 210, Nakanuma, Mi-  
nami-Ashigara-shi, Kanagawa 250-0123  
(JP). ISE, Toshihiro [JP/JP]; c/o Fuji  
Photo Film Co., Ltd., 210, Nakanuma,  
Minami-Ashigara-shi, Kanagawa 250-0123(JP). OKADA, Hisashi [JP/JP]; c/o Fuji  
Photo Film Co., Ltd., 210, Nakanuma, Mi-  
nami-Ashigara-shi, Kanagawa 250-0123  
(JP).(74) OGURI, Shohei et al. / etc.; Eikoh Patent  
Office, 13th Floor, ARK Mori Building,  
12-32, Akasaka 1-chome, Minato-ku, Tokyo  
107-6013 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H05B 41/26

(11) WO 2005/029924 (13) A1

(21) PCT/KR2003/002254

(22) 24 Oct/oct 2003 (24.10.2003)

(25) ko (26) en

(30) 10-2003-0065097 19 Sep/sep 2003 KR  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • LAMP APPARATUS HAVING FUNC-  
TION OF AIR PURIFICATION  
• DISPOSITIF D'ECLAIRAGE PURIFI-  
CATEUR D'AIR(71, 72) KANG, Seong-Tak [KR/KR]; 1602-30,  
Bongcheon 7-dong, Gwanak-gu, 151-835  
Seoul (KR).(74) KIM, Seung-Wook; 14F., Kukdong Build-  
ing 60-1, Chungmuro 3-ka, Chung-ku, Seoul  
100-705 (KR).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL PT  
RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG US UZ VC VN YU ZA  
ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).(51)<sup>7</sup> H05B 41/32

(11) WO 2005/029925 (13) A1

(21) PCT/IB2004/051719

(22) 9 Sep/sep 2004 (09.09.2004)

(25) en (26) en

(30) 03103528.0 24 Sep/sep 2003 EP  
(24.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • POWER CONVERTER WITH DIGITAL  
SIGNAL PROCESSOR• CONVERTISSEUR DE PUISSANCE A  
PROCESSEUR DE SIGNAUX NUME-  
RIQUES(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) MANDERS, Karel, L. [NL/NL]; c/o  
Prof. Holstlaan 6, NL-5656 AA Eindhoven  
(NL). BUIJ, Arnold, W. [NL/NL]; c/o Prof.  
Holstlaan 6, NL-5656 AA Eindhoven (NL).  
AENDEKERK, Everaard, M., J. [BE/NL];  
c/o Prof. Holstlaan 6, NL-5656 AA Eindh-  
hoven (NL).(74) BOSMA, Rudolphus, H., A.; Prof. Holst-  
laan 6, NL-5656 AA Eindhoven (NL).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> H05H 1/24, C08J 7/00, B01J 19/08

(11) WO 2005/029926 (13) A1

(21) PCT/JP2004/012470

(22) 30 Aug/août 2004 (30.08.2004)

(25) ja (26) ja

(30) 2003-325931 18 Sep/sep 2003 JP  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PLASMA PROCESSING METHOD  
AND APPARATUS THEREOF• PROCEDE DE TRAITEMENT AU  
PLASMA ET APPAREIL CONNEXE(71) PEARL KOGYO CO., LTD. [JP/JP]; 8-13,  
Minami-kagaya 3-chome, Suminoe-ku, Os-  
aka-shi, Osaka 559-0015 (JP).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) SAEKI, Noboru [JP/JP]; c/o Pearl  
Kogyo Co., Ltd., 8-13, Minami-kagaya  
3-chome, Suminoe-ku, Osaka-shi, Osaka  
559-0015 (JP).(74) SUZUE, Shoji et al. / etc.; Osaka Fukoku-  
seimei Building, 2-4, Komatsubara-cho,  
Kita-ku, Osaka-shi, Osaka 530-0018 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H05H 1/54

(11) WO 2005/029927 (13) A2

(21) PCT/RU2004/000368

(22) 20 Sep/sep 2004 (20.09.2004)

(25) en (26) en

(30) 2003128090 22 Sep/sep 2003 RU  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PULSED PLASMA ACCELERATOR AND METHOD

- ACCELERATEUR DE PLASMA PULSÉ ET SON PROCÉDÉ

(71) GOSUDARSTVENNOE NAUCHNOE UCHREZHDIENIE "GOSUDARSTVENNY NAUCHNO-ISSLEDOVATELSKY INSTITUT PRIKLADNOI MECHANIKI I ELEKTRODINAMIKI" [RU/RU]; GSP-3, A-80, Volokolamskoe shosse, 4, Moscow, 125993 (RU).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANTROPOV, Nikolay Nikolaevich [RU/RU]; ul. Glagoleva, 30-3-231, Moscow, 123585 (RU). DIYAKONOV, Grigory Alexandrovich [RU/RU]; ul. Sadovaya-Samotechnaya, 9-4, Moscow, 127473 (RU). ORLOV, Michail Michailovich [RU/RU]; Gurievsky proezd, 19-3-107, Moscow, 115597 (RU). POPOV, Garry Alekseevich [RU/RU]; 1-aya ul. 8-go Marta, 3-104, Moscow, 125167 (RU). TYUTIN, Valery Konstantinovich [RU/RU]; ul. Katukova, 13-3-415, Moscow, 123181 (RU). YAKOVLEV, Vladimir Nikolaevich [RU/RU]; ul. Moskovskaya, 18-44, Chimki, Moskovskaya obl., 141400 (RU).

(74) MELYAN, Alexander Rubenovich; G-467, a/ya 58, Moscow, 121467 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(u) for / pour US only / seulement

(51)<sup>7</sup> H05K

(11) WO 2005/029928 (13) A2

(21) PCT/US2004/030490

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 60/504,399 19 Sep/sep 2003 US  
(19.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • CLOSED LOOP BACKDRILLING SYSTEM

- SYSTEME DE RETROPERFORAGE FERME

(71) VIASYSTEM GROUP, INC. [US/US]; 101 South Hanley Road, Suite 400, St. Louis, MO 63105 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) TOURNE, Joseph, A., A., M. [NL/NL]; Schrevenhofdreef 11, NL-5709 RM Helmond (NL). LEBENS, Patrick, P., P. [NL/NL]; Blijdestein 69, NL-6132 CT Sittard (NL).

(74) BROCKHAUS, Marc, A.; Dunlap, Codding & Rogers, P.C., P.O. Box 16370, Oklahoma City, OK 73113 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H05K

(11) WO 2005/029929 (13) A2

(21) PCT/US2004/030713

(22) 17 Sep/sep 2004 (17.09.2004)

(25) en (26) en

(30) 10/666,588 18 Sep/sep 2003 US  
(18.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • COMPONENT AND METHOD FOR MANUFACTURING PRINTED CIRCUIT BOARDS

- COMPOSANT ET PROCÉDÉ PERMETTANT DE FABRIQUER DES CARTES DE CIRCUITS IMPRIMÉS

(71) COPPER TO COPPER, LLC [US/US]; Hilltop Business Center, 11 Industrial Way, Atkinson, NH 03811 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) RUSSELL, Miles, Justin; 30 Rolling Hill Road, Hampstead, NH 03841 (US).

(74) FARRELL, Kevin, M.; Pierce Atwood LLP, One New Hampshire Avenue, Suite 350, Portsmouth, NH 03801 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H05K 1/02

(11) WO 2005/029930 (13) A1

(21) PCT/JP2004/014134

(22) 21 Sep/sep 2004 (21.09.2004)

(25) ja (26) ja

(30) 2003-330613 22 Sep/sep 2003 JP  
(22.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • FLEXIBLE PRINTED CIRCUIT BOARD AND CONNECTION STRUCTURE USING THE CIRCUIT BOARD

- CARTE DE CIRCUITS IMPRIMÉS FLEXIBLE ET STRUCTURE DE CONNEXION METTANT EN OEUVRE CETTE CARTE DE CIRCUITS IMPRIMÉS

(71) SUMITOMO ELECTRIC PRINTED CIRCUITS, INC. [JP/JP]; 30 Hinokigaoka, Minakuchi-cho, Kouga-shi, Shiga 528-0068 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KASHIWAGI, Shuji [JP/JP]; c/o SUMITOMO ELECTRIC PRINTED CIRCUITS, INC., 30 Hinokigaoka, Minakuchi-cho, Kouga-shi, Shiga 5280068 (JP). NAGAKUBO, Takahiko [JP/JP]; c/o SUMITOMO ELECTRIC PRINTED CIRCUITS, INC., 30 Hinokigaoka, Minakuchi-cho, Kouga-shi, Shiga 5280068 (JP).

(74) INAOKA, Kosaku et al. / etc.; c/o AI ASSOCIATION OF PATENT AND TRADEMARK ATTORNEYS, Sun Mullion NBF Tower, 21st Floor, 6-12, Minamihommachi 2-chome, Chuo-ku, Osaka-shi, Osaka, 5410054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H05K 1/02, H01L 23/36, C04B 35/536

(11) WO 2005/029931 (13) A1

(21) PCT/US2004/031013

(22) 15 Sep/sep 2004 (15.09.2004)

(25) en (26) en

(30) 60/504,537 19 Sep/sep 2003 US (19.09.2003)

(30) 10/761,567 21 Jan/jan 2004 US (21.01.2004)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • BULK HIGH THERMAL CONDUCTIVITY FEEDSTOCK AND METHOD OF MAKING THEREOF

• CHARGE A CONDUCTIVITE THERMIQUE EN VRAC ELEVEE ET PROCEDE D'ELABORATION

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAYIR, Haluk [US/US]; 335 Glen Park Drive, Bay Village, OH 44140 (US). MARINER, John, Thomas [US/US]; 32102 Willow Circle, Avon Lake, OH 44012 (US).

(74) WINTER, Catherine, J. et al. / etc.; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H05K 1/18, 3/46, H01L 23/482, 23/538

(11) WO 2005/029932 (13) A1

(21) PCT/EP2004/051999

(22) 2 Sep/sep 2004 (02.09.2004)

(25) de (26) de

(30) 10343053.9 16 Sep/sep 2003 DE (16.09.2003)

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • ELECTRONIC COMPONENT, AND ARRANGEMENT COMPRISING AN ELECTRONIC COMPONENT

• COMPOSANT ELECTRONIQUE ET ENSEMBLE COMPORTANT UN TEL COMPOSANT ELECTRONIQUE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURGER, Klaus [DE/DE]; Isarstr. 23 A, 82515 Wolfratshausen (DE). FÜNFELDER, Helmut [DE/DE]; Barthl-Mayer-Weg 1, 85386 Dietersheim (DE). RESSEL, Josef [DE/DE]; Postlagernd, 85283 Wolnzach (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H05K 3/46

(11) WO 2005/029933 (13) A1

(21) PCT/JP2003/011937

(22) 18 Sep/sep 2003 (18.09.2003)

(25) ja (26) ja

(43) 31 Mar/mar 2005 (31.03.2005)

(54) • MULTILAYER PRINTED WIRING BOARD AND METHOD FOR MANUFACTURING SAME

• CARTE DE CIRCUITS IMPRIMES MULTICOUCHEES ET PROCEDE DE FABRICATION

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(72) MOTOMIYA, Tetsuo; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). TATEISHI, Toru; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) TAZAWA, Hiroaki et al. / etc.; 7F, Daito Bldg., 7-1, Kasumigaseki 3-Chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> H05K 3/46, 1/02

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(43) 31 Mar/mar 2005 (31.03.2005)

(54) • PRINTED BOARD AND METHOD FOR MANUFACTURING SAME

• CARTE DE CIRCUIT IMPRIME ET PROCEDE DE PRODUCTION ASSOCIE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ABE, Tomoyuki [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). HAYASHI, Nobuyuki [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TANI, Motoaki [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). ABE, Kenichiro [JP/JP]; c/o Fujitsu Interconnect Technologies Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). IIDA, Kenji [JP/JP]; c/o Fujitsu Interconnect Technologies Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) YAMAZAKI, Kaoru; Yamazaki Patent Attorneys, 8th Floor, GSK Kudan Building, 6-10, Kudan-minami 4-chome, Chiyoda-ku, Tokyo 102-0074 (JP).

(81) JP KR US.

(51)<sup>7</sup> H05K 5/06

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(54) • POTTING SHELL

• COQUE D'ENCAPSULATION

(71) ENDRESS+HAUSER GMBH+CO. KG [DE/DE]; Hauptstrasse 1, 79689 Maulburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANNER, Jürgen** [DE/DE]; Hebelstrasse 21, 79400 Kandern (DE).

(74) **ANDRES, Angelika**; Endress + Hauser (DE) Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (DE).

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(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H05K 7/14, H01R 13/629, 12/18, 12/20, 12/22**

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(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **MEMORY MODULE CONNECTOR WITH RELEASE MECHANISM**

• **CONNECTEUR DE MODULE DE MEMOIRE A MECANISME DE LIBERATION**

(71) **MOLEX INCORPORATED** [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOJO, Katsutoshi** [JP/JP]; Daisan Ooshimo Corpo 4, 18-9 Kamitsuruma, 1-chome, Sagamihara-shi, Kanagawa (JP). **HO, Yi-Tse**; 30-19, Sheng An Li, Pai Ho Chen, Tainan Hsien, R.O.C. (TW).

(74) **PAULIUS, Thomas, D.**; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

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KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H05K 9/00**

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(43) 31 Mar/mar 2005 (31.03.2005)

(54) • **ELECTROMAGNETIC INTERFERENCE SHIELD UNIT AND METHOD OF MANUFACTURING THE SAME**

• **UNITE DE BLINDAGE ANTIPARASITES ELECTROMAGNETIQUE ET PROCEDE POUR FABRIQUER CELLE-CI**

(71) **YEONE PLASMA CO., LTD** [KR/KR]; Floor 1, 422-8 Chung chon-Dong, Pupyung-Gu, Incheon-Metropolitan City 403-030 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Choong-Ki** [KR/KR]; 987-1901, Baekdoo Hanyang APT., 1119, Sanbon-Dong, Gunpo-City, Gyeonggi-Do 435-040 (KR). **LEE, Jun-Sub** [KR/KR]; 501-1305, New Seoul APT. 5th, 238-1, Hyoseong2-Dong, Gyeong-Gu, Incheon-Metropolitan City 407-042 (KR).

(74) **PARK, Yong-Min**; Room 804, BYC bldg., 648-1 Yeoksam-Dong Kangnam-Gu, Seoul 135-911 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(54) • **LANCE-TAB MOUNTING METHOD**  
• **PROCEDE DE MONTAGE AU MOYEN DE PATTES FORMEES PAR CREVAGE**

(71) **LAIRD TECHNOLOGIES, INC.** [US/US]; Shielding Way, Delaware Water Gap, PA 18327 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **SOSNOWSKI, Anthony, M.**; 5093 Custard Road, Stroudsburg, PA 18360 (US).

(74) **GULBIN, John, F.**; Pitney Hardin LLP, 7 Times Square, New York, NY 10036-7311 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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