

## SECTION I

## PUBLISHED INTERNATIONAL APPLICATIONS

## DEMANDES INTERNATIONALES PUBLIÉES

- (51) **Not classified / non classée**  
 (11) **WO 00/69242** (13) A2  
 (21) PCT/DK00/00357  
 (22) **30 Jun/juin 2000 (30.06.2000)**  
 (25) en (26) en  
 (30) PA 1999 00959 **2 Jul/juil 1999 (02.07.1999)** DK  
 (30) PA 1999 01139 **18 Aug/août 1999 (18.08.1999)** DK  
 (30) PA 1999 01567 **1 Nov/nov 1999 (01.11.1999)** DK  
 (30) PA 1999 01846 **22 Dec/déc 1999 (22.12.1999)** DK  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • A METHOD AND A SYSTEM FOR TRANSPORTING AND CLEANING SLAUGHTER EQUIPMENT  
 • ROCEDE ET SYSTEME DE TRANSPORT ET DE NETTOYAGE D'EQUIPEMENT D'ABATTOIRS  
 (71) **GJERSTRUP TRADING A/S [DK/DK];** Hammerbakken 12, DK-3460 Birkerød (DK).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **NEUBERT, Bent [DK/DK];** Tesch Allé 13, DK-2840 Holte (DK).  
 (74) **PLOUGMANN, VINGTOFT & PARTNERS A/S;** Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).  
 (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) 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 SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).  
 Published / Publiée : (f), (g)
- (51) **Not classified / non classée**  
 (11) **WO 00/69243** (13) A2  
 (21) PCT/RU99/00159  
 (22) **14 May/mai 1999 (14.05.1999)**  
 (25) en (26) en  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • BRIEF TO THE POINT, SHORT, CONCISE INFORMATION NETWORK  
 • RESEAU D'INFORMATIONS CONCIS, PRECIS ET SUCCINCT  
 (71, 72) **DEMIR, Nechvet [RO/RU];** Sector B, #1353, Vorobiovi Gori, GZ MGU, 117234 Moscow (RU).  
 (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).  
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- (51) **Not classified / non classée**  
 (11) **WO 00/69244** (13) A2  
 (21) PCT/US00/13222  
 (22) **12 May/mai 2000 (12.05.2000)**  
 (25) en (26) en  
 (30) 09/311,787 **14 May/mai 1999 (14.05.1999)** US  
 (30) 09/365,998 **3 Aug/août 1999 (03.08.1999)** US  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • METHOD AND APPARATUS FOR IMPLEMENTING A VIRTUAL SHARED WORLD  
 • PROCEDE ET APPAREIL D'INSTALLATION D'UN MONDE PARTAGE VIRTUEL  
 (71) **GRAPHIC GEMS [US/US];** Suite 600, 1850 Gateway Drive, San Mateo, CA 94404 (US).  
 (72) **JIAU, Winifred;** 2520 Buena Vista Avenue, Belmont, CA 94002 (US). **TOLAR, Robert;** 57 Bradford Street, San Francisco, CA 94110 (US).  
 (74) **MAJERUS, Laura, A.** et al. / etc.; Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51) **Not classified / non classée**  
 (11) **WO 00/69245** (13) A2  
 (21) PCT/US00/13251  
 (22) **15 May/mai 2000 (15.05.2000)**  
 (25) en (26) en  
 (30) 09/311,242 **13 May/mai 1999 (13.05.1999)** US  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • OUTPUT BUFFER WITH INDEPENDENTLY CONTROLLABLE CURRENT MIRROR LEGS  
 • TAMPON DE SORTIE POURVU DE BRANCHES DE MIROIR DE COURANT POUVANT ETRE COMMANDÉES INDEPENDAMMENT  
 (71) **HONEYWELL INC. [US/US];** 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **TANJI, Todd, M. [-/US];** 1467 Pond Synde North, Eagan, MN 55122 (US). **WENTINK, Robert, S. [-/US];** 1765 Arona Street, Falcon Heights, MN 55122 (US). **WELCH, Jim, R. [-/US];** 8940 Rosewood Lane, Maple Grove, MN 55369 (US).  
 (74) **CRISS, Roger, H.** et al. / etc.; Honeywell Inc., (Law Dept., Attn: A. Olinger), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).  
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51) Not classified / non classée
- (11) **WO 00/69246** (13) A2
- (21) PCT/US00/13285
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/313,103 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MOUNTING SYSTEM AND ADAPTOR CLIP  
• SYSTEME DE MONTAGE ET DISPOSITIF DE RETENUE D'ADAPTATEUR
- (71, 72) **HADDOCK, Robert, M., M.** [US/US]; 8655 Table Butte Road, Colorado Springs, CO 80908 (US).
- (74) **KNEPPER, Bradley, M.** et al. / etc.; Sheridan Ross P.C., Suite 1200, 1560 Broadway, Denver, CO 80202-5141 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A01G 1/00**
- (11) **WO 00/69248** (13) A1
- (21) PCT/FR00/01295
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) fr (26) fr
- (30) 99/06185 **12 May/mai 1999 FR (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MODULE FOR PRODUCING EXTENSIVE VEGETATION ON ROOFS OR TERRACES AND ARRANGEMENT AND METHOD FOR SETTING UP MODULES OF THIS TYPE  
• MODULE POUR LA REALISATION D'UNE VEGETATION EXTENSIVE SUR TOITURES OU TERRASSES ET ARRANGEMENT ET PROCEDE METTANT EN OEUVRE DE TELS MODULES
- (71) **SOPREMA (SOCIETE ANONYME)** [FR/FR]; 14, rue de Saint-Nazaire, F-67100 Strasbourg (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BINDSCHIEDLER, Pierre, Etienne** [FR/FR]; 3 Haute Corniche, F-67210 Obernai (FR). **LASSALLE, François** [FR/FR]; 28, rue du 28 novembre, F-67150 Erstein (FR).
- (74) **CABINET NUSS**; 10, rue Jacques Kablé, F-67080 Strasbourg Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A01B 71/02, A01D 34/64, G05G 5/06 // A01D 34/00, F16B 7/12, A01B 63/26**
- (11) **WO 00/69247** (13) A1
- (21) PCT/SE00/00895
- (22) **5 May/mai 2000 (05.05.2000)**
- (25) sv (26) en
- (30) 9901730-3 **12 May/mai 1999 SE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MECHANISM FOR LOCKING A PEDAL ON AN IMPLEMENT-CARRYING VEHICLE  
• MECANISME DE BLOCAGE D'UNE PEDALE SUR UN VEHICULE PORTEUR D'OUTILS
- (71) **STIGA AB** [SE/SE]; Box 1006, S-573 28 Tranås (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LUNDBERG, Peter** [SE/SE]; Kapplandsgatan 12, S-573 38 Tranås (SE).
- (74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) ja (26) ja
- (30) 11/136472 **17 May/mai 1999 JP (17.05.1999)**
- (30) 11/136473 **17 May/mai 1999 JP (17.05.1999)**
- (30) 11/136475 **17 May/mai 1999 JP (17.05.1999)**
- (30) 11/191939 **6 Jul/juil 1999 JP (06.07.1999)**
- (30) 11/247329 **1 Sep/sep 1999 JP (01.09.1999)**
- (30) 11/284828 **5 Oct/oct 1999 JP (05.10.1999)**
- (30) 2000/31236 **8 Feb/fév 2000 JP (08.02.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • FIXATION MATERIAL WITH THE USE OF ROOT SPREAD  
• MATIERE DE FIXATION PERMETTANT LA CROISSANCE DES RACINES
- (71, 72) **SHIMURA, Mitsuharu** [JP/JP]; 1-21-10-407, Takadanobaba, Shinjuku-ku, Tokyo 169-0075 (JP).
- (72, 75) **TAKEDA, Minoru** [JP/JP]; 3-18-5-303, Shiba, Minato-ku, Tokyo 105-0014 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A01G 9/02, 27/02**
- (11) **WO 00/69250** (13) A1
- (21) PCT/GB00/01891
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 9911479.5 **18 May/mai 1999 GB (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PLANTER RESERVOIR SYSTEM  
• SYSTEME DE RESERVOIR CACHE-POT
- (71) **COTSWOLD HYDROPONICS LIMITED** [GB/GB]; Atlas House Burton Road, Finedon, Wellingborough, Northants NN9 5HX (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ASSELL, Brian, William** [GB/GB]; 16 Muscroft Road, Cheltenham GL52 5DG (GB).
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- (51)<sup>7</sup> **A01G 1/00**
- (11) **WO 00/69249** (13) A1
- (21) PCT/JP00/03149

(74) **BOWLES, Sharon, Margaret**; Bowles Horton, Felden House, Dower Mews, High Street, Berkhamsted, Hertfordshire HP4 2BL (GB).

(81) CA GB US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> **A01G 27/04**

(11) **WO 00/69251** (13) A1

(21) PCT/US00/13404

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/312,934 **17 May/mai 1999 US (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SELF-WATERING PLANTER EMPLOYING CAPILLARY ACTION WATER TRANSPORT MECHANISM  
• JARDINIÈRE AUTO-IRRIGANTE UTILISANT UN MECANISME DE TRANSPORT D'EAU PAR ACTION CAPILLAIRE

(71, 72) **COLOVIC, Alex, J.** [US/US]; 21352 Rambla Vista Drive, Malibu, CA 90265 (US).

(74) **MALLERY, Daniel, C.** et al. / etc.; Pretty, Schroeder & Poplawski, 444 South Flower Street, 19th Floor, Los Angeles, CA 90071 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **A01J 5/04**

(11) **WO 00/69252** (13) A1

(21) PCT/EP00/04281

(22) **11 May/mai 2000 (11.05.2000)**

(25) de (26) de

(30) 199 22 131.6 **12 May/mai 1999 DE (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FLEXIBLE MILKING TUBE FOR AN AUTOMATIC MILKING PLANT  
• TUYAU A LAIT FLEXIBLE POUR UNE INSTALLATION DE TRAITE AUTOMATIQUE

(71, 72) **MAIER, Jakob, Jun.** [DE/DE]; Griessstrasse 4, D-86842 Türkheim (DE).

(74) **PFAU, Anton**; Grünecker, Kinkeldey, Stockmair Schwanhäusser, Maximilianstrasse 58, D-80538 München (DE).

(81) CA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **A01K 1/02**

(11) **WO 00/69253** (13) A1

(21) PCT/FR00/01293

(22) **12 May/mai 2000 (12.05.2000)**

(25) fr (26) fr

(30) 99/06166 **14 May/mai 1999 FR (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DEVICE FOR TRANSPORTING A DOMESTIC ANIMAL  
• DISPOSITIF DE TRANSPORT POUR ANIMAL DOMESTIQUE

(71, 72) **MANENTI, Dominique** [FR/FR]; 90, avenue Paul Doumer, F-75016 Paris (FR).  
**BELLAICHE, Marc** [FR/FR]; 96, rue Louis Rouquier, F-92300 Levallois Perret (FR).

(74) **CABINET WAGRET**; 19, rue de Milan, F-75009 Paris (FR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A01K 5/01 // 5/00, 7/00**

(11) **WO 00/69254** (13) A1

(21) PCT/DK00/00259

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) PA 1999 00674 **17 May/mai 1999 DK (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SELF RIGHTING MINERAL SUPPLEMENT DISTRIBUTOR  
• DISTRIBUTEUR DE COMPLEMENT MINERAL A REDRESSEMENT AUTOMATIQUE

(71, 72) **FOGED, Henning, Lyngsø** [DK/DK]; MicroFeeder, Skejbytoften 87, DK-8200 Aarhus N (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A01K 37/18, 43/04, A61K 31/60, 31/70, 36/16, 38/00, 38/43, 39/00, 39/395, 45/00**

(11) **WO 00/69255** (13) A1

(21) PCT/US00/13142

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/134,091 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ANTI-INFLAMMATORY THERAPY FOR INFLAMMATORY MEDIATED INFECTION  
• THERAPIE ANTI-INFLAMMATOIRE POUR INFECTION A MEDIATION INFLAMMATOIRE

(63) US 60/134,091 (CIP)  
12 May/mai 1999 (12.05.1999)

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 5th floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANTON, Peter, A.** [US/US]; Los Angeles, CA (US). **POLES, Michael, A.** [US/US]; 2 Monterey Court, Manhattan Beach, CA 90266 (US). **GIORGI, Janis, V.** [US/US]; Woodland Hills, CA (US). **ELLIOTT, Julie, E.** [-/US]; Singal Hill, CA (US).

(74) **WETHERELL, John, R., Jr.**; Fish & Richardson P.C., Suite 500, 4350 La Jolla Village Drive, San Diego, CA 92122 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A01K 67/00, C12N 5/00, 15/00, 15/63, C12P 21/00, 21/06, A61K 39/395, 38/16, 35/14, C07H 21/02**

(11) **WO 00/69256** (13) A1

(21) PCT/US00/13052

- (22) **12 May/mai 2000 (12.05.2000)**  
(25) en (26) en  
(30) 60/134,174 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TRANSGENICALLY PRODUCED ANTI-THROMBIN III AND MUTANTS THEREOF  
• ANTITHROMBINE III PRODUITE DE MANIERE TRANSGENIQUE ET MUTANTS DE CELLE-CI
- (63) US 60/134,174 (CIP)  
13 May/mai 1999 (13.05.1999)
- (71) **GENZYME TRANSGENICS CORP.** [US/US]; 175 Crossing Boulevard, Framingham, MA 01701-9322 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MEADE, Harry** [US/US]; 62 Grasmere Street, Newton, MA 02158 (US).  
**BOURDON, Paul, R.** [-/US]; Southborough, MA (US).
- (74) **MYERS, P., Louis**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A01K 67/027**  
(11) **WO 00/69257** (13) A2  
(21) PCT/US00/13000  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) en (26) en  
(30) 09/311,599 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • GENETIC MODIFICATION OF MALE GERM CELLS FOR GENERATION OF TRANSGENIC SPECIES AND GENETIC THERAPIES  
• MODIFICATION GENETIQUE DE CELLULES GERMINALES MALES POUR LA PRODUCTION D'ESPECES TRANSGENIQUES ET AUX FINS DE THERAPIES GENIQUES
- (71) **CEDARS-SINAI MEDICAL CENTER** [US/US]; 8700 Beverly Boulevard, Los Angeles, CA 90048 (US). **IMPERIAL COLLEGE INNOVATIONS LTD.** [GB/GB]; Sherfield Building, Exhibition Road, London SW7 2AZ (GB).
- (72) **READHEAD, Carol, W.**; 2185 San Pasqual Street, Pasadena, CA 91107 (US).  
**WINSTON, Robert**; 11 Denman Drive, London NW11 6RE (GB).
- (74) **STEINBERG, Nisan, A.** et al. / etc.; Pretty, Schroeder & Poplawski, 19th Floor, 444 South Flower Street, Los Angeles, CA 90071 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A01M 1/22, 1/02, 5/00**  
(11) **WO 00/69258** (13) A1  
(21) PCT/JP00/03208  
(22) **18 May/mai 2000 (18.05.2000)**  
(25) ja (26) ja  
(30) 11/137069 **18 May/mai 1999 JP (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • INSECT CATCHING/KILLING DEVICE  
• DISPOSITIF DE CAPTURE ET D'ELIMINATION D'INSECTES
- (71) **ELM INC.** [JP/JP]; 15248-11, Takeda, Kaseda-shi, Kagoshima 897-0002 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIYAHARA, Takakazu** [JP/JP]; ELM Inc., 15248-11, Takeda, Kaseda-shi, Kagoshima 897-0002 (JP). **IZUMI, Shoichi** [JP/JP]; 24-10, 3-chome, Seiryō, Kagoshima-shi, Kagoshima 890-0032 (JP). **KAMIWADA, Hidemi** [JP/JP]; 1186-1, Chuzan-cho, Kagoshima-shi, Kagoshima 890-0105 (JP). **TAKEMURA, Kaoru** [JP/JP]; 764-2, Usuki, Kagoshima-shi, Kagoshima 890-0074 (JP).
- (74) **KOBAYASI, Ryohei**; Kobayasi Patent & Trademark, Hougenshijokarasuma Building, 7th floor, 37, Motoakuoji-cho, Higashinotoindori Shijo Sagaru, Shimogyo-ku, Kyoto-shi, Kyoto 600-8091 (JP).
- (81) CN KR US; EP (NL).
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- (51)<sup>7</sup> **A01N 1/02**  
(11) **WO 00/69259** (13) A1  
(21) PCT/FR00/01336  
(22) **18 May/mai 2000 (18.05.2000)**  
(25) fr (26) fr  
(30) 99/06434 **18 May/mai 1999 FR (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • AQUEOUS SOLUTION FOR PRESERVING TISSUES AND ORGANS  
• SOLUTION AQUEUSE DE CONSERVATION DE TISSUS ET D'ORGANES
- (71) **CAIR L.G.L** [FR/FR]; ZI Le Pontet, F-69380 Civrieux D'Azergues (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LOPEZ, Georges, Antoine** [FR/FR]; Rue des Phily, F-69290 Craponne (FR).  
**RAMELLA VIRIEUX, Silvina** [FR/FR]; 31, rue du Bât D'Argent, F-69001 Lyon (FR).
- (74) **VUILLERMOZ, Bruno** et al. / etc.; Cabinet Laurent & Charras, 20, rue Louis Chirpaz, Boîte postale 32, F-69131 Ecully (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A01N 25/00, C09B 39/00 // (C09B 39/00, A01N 53:00)**  
(11) **WO 00/69260** (13) A1  
(21) PCT/EP00/03946  
(22) **3 May/mai 2000 (03.05.2000)**  
(25) de (26) de  
(30) 199 22 406.4 **14 May/mai 1999 DE (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DYED COMPOSITIONS CONTAINING INSECTICIDES  
• COMPOSITIONS COLOREES A BASE D'INSECTICIDE
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BUBLITZ, Mike-Dirk** [DE/DE]; Hammerweg 47, D-51399 Burscheid (DE).  
**KISTERS, Dietmar** [DE/DE]; Elmendonk 32, D-47809 Krefeld (DE). **HAMPRECHT, Rainer** [DE/DE]; Im Kerberich 25, D-51519 Odenthal (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> A01N 25/30, C11D 1/83

(11) WO 00/69261 (13) A1

(21) PCT/EP00/04375

(22) 16 May/mai 2000 (16.05.2000)

(25) en (26) en

(30) MI99A001086 18 May/mai 1999 IT  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MIXTURES OF SURFACTANTS USED AS WETTING AGENTS AND/OR EMULSIFIERS IN AGROCHEMICAL PREPARATIONS

• MELANGE DE TENSIOACTIFS UTILISES COMME AGENTS MOULIANTS ET/OU COMME EMULSIFIANTS DANS DES PESTICIDES

(71) LAMBERTI S.P.A. [IT/IT]; Via Piave, 18, I-21041 Albizzate (IT).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FORNARA, Dario [IT/IT]; Via della Pace, 67, I-28100 Novara (IT). BOHUS, Peter [HU/IT]; Via U. Foscolo, 3, I-21040 Caronno Varesino (IT). COLOMBO, Alberto [IT/IT]; Via Lecco, 10, I-20035 Lissone (IT).

(74) GERVASI, Gemma; Notarbartolo &amp; Gervasi S.p.A., Corso di Porta Vittoria, 9, I-20122 Milan (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A01N 37/18, 43/04, A61K 31/70, 38/00, C12N 9/48, 9/64, C12Q 1/37, G01N 33/53, 33/537, 33/543

(11) WO 00/69262 (13) A1

(21) PCT/US00/13074

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 60/134,074 13 May/mai 1999 US  
(13.05.1999)(30) Not furnished / 9 May/mai 2000 US  
non communiqué (09.05.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • NOVEL  $\beta$ -SECRETASE AND MODULATION OF  $\beta$ -SECRETASE ACTIVITY  
• NOUVELLE  $\beta$ -SECRETASE ET MODULATION DE L'ACTIVITE DE  $\beta$ -SECRETASE(71) SCIOS INC. [US/US]; 820 West Maude Avenue, Sunnyvale, CA 94086 (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) ZHONG, Ziyang [CN/US]; 30535 Del Valle Place, Union City, CA 94587 (US). CORDELL, Barbara [US/US]; 4051 Ben Lomand Drive, Palo Alto, CA 94306 (US). QUON, Diana, Hom [US/US]; 51 Hillview Avenue, Redwood City, CA 94062 (US). LIU, Yu-Wang [US/US]; 2349 Roosevelt Court, Santa Clara, CA 95051 (US). XU, Qiang [US/US]; 21682 Olive Avenue, Cupertino, CA 95014 (US).

(74) ALTMAN, Daniel, E.; Knobbe, Martens, Olson and Bear, LLP, 620 Newport Center Drive, 16th Floor, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> A01N 37/36 // (A01N 37/36, 37:02)

(11) WO 00/69263 (13) A1

(21) PCT/CA00/00531

(22) 8 May/mai 2000 (08.05.2000)

(25) en (26) en

(30) 60/134,162 14 May/mai 1999 US  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PLANT GROWTH REGULANT  
• REGULATEUR DE LA CROISSANCE DE VEGETAUX(71) ECOVAL INC. [CA/CA]; 55 Oriole Parkway, Elmira, Ontario N3B 1B9 (CA).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOJEK, John, S. [CA/CA]; 55 Oriole Parkway, Elmira, Ontario N3B 1B9 (CA). LOJEK, Margaret, Anne [CA/CA]; 55 Oriole Parkway, Elmira, Ontario N3B 1B9 (CA).

(74) GALLOWAY, Warren, J.; Sim &amp; McBurney, Sixth Floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> A01N 37/44, 37/12, C08J 7/04

(11) WO 00/69264 (13) A1

(21) PCT/EP00/02798

(22) 30 Mar/mar 2000 (30.03.2000)

(25) de (26) de

(30) 199 21 894.3 12 May/mai 1999 DE  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR PRODUCING MICROBICIDAL SURFACES BY IMMOBILIZING INHERENTLY MICROBICIDALLY ACTIVE MACROMOLECULES

• PROCEDE DE PREPARATION DE SURFACES MICROBICIDES PAR IMMOBILISATION DE MACROMOLECULES A ACTION MICROBICIDE INHERENTE

(71) CREAIVS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH [DE/DE]; Paul-Baumann-Strasse 1, D-45772 Marl (DE).

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

(72, 75) OTTERSBAACH, Peter [DE/DE]; Zum Beuel 14, D-51570 Windeck (DE). OLES, Markus [DE/DE]; Im Mühlenwinkel, D-45525 Hattingen (DE).

(74) CREAIVS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH; Patente - Marken, Bau 1042 - PB 15, D-45764 Marl (DE).

(81) AU BR CA CN IL JP KR NO NZ PL RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> A01N 47/12 // (A01N 47/12, 43:80)

(11) WO 00/69265 (13) A1

(21) PCT/GB00/01777

(22) 9 May/mai 2000 (09.05.2000)

(25) en (26) en

(30) 9911606.3 18 May/mai 1999 GB  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MICROBICIDAL COMPOSITION OF A 2-ALKYLBENZISOTHAZOL-3-ONE AND A HALOPROPYNYL COMPOUND

- COMPOSITION MICROBICIDE D'UN 2-ALKYLBENZISOTHIAZOLE-3-ONE ET D'UN COMPOSE HALOPROPYNYLE
- (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) **YATES, John, Edwards** [GB/GB]; Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB). **HINDLEY, Philip, Charles** [GB/GB]; Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB).
- (74) **NELSON, Michael, Andrew** et al. / etc.; Intellectual Property Group, Avecia Limited, Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> **A01N 57/20, 43/707 // (A01N 57/20, 43:707)**
- (11) **WO 00/69266** (13) A1
- (21) PCT/EP00/03929
- (22) **2 May/mai 2000 (02.05.2000)**
- (25) de (26) de
- (30) 199 21 881.1 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HERBICIDAL AGENT BASED ON METAMITRON AND GLYPHOSATE OR THEIR DERIVATIVES AND SALTS  
• AGENT HERBICIDE A BASE DE METAMITRONE ET DE GLYPHOSATE OU DE SES DERIVES ET SELS
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FEUCHT, Dieter** [DE/DE]; Ackerweg 9, D-40789 Monheim (DE). **DREWES, Mark, Wilhelm** [DE/DE]; Goethestr. 38, D-40764 Langenfeld (DE). **DAHMEN, Peter** [DE/DE]; Altebrückerstr. 63, D-41470 Neuss (DE). **PONTZEN, Rolf** [DE/DE]; Am Kloster 69, D-42799 Leichlingen (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **A01N 63/00, 63/02, A23K 3/00, A23L 3/3571**
- (11) **WO 00/69267** (13) A1
- (21) PCT/NZ00/00074
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 335795 **14 May/mai 1999 NZ (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MICROBIALLY RESISTANT COMPOSITIONS  
• COMPOSITIONS RESISTANTES AUX MICROBES
- (71) **UNIVERSITY OF OTAGO** [NZ/NZ]; Leith Street, Dunedin (NZ). **TATUA CO-OPERATIVE DAIRY COMPANY LIMITED** [NZ/NZ]; Tatuani, Morrinsville (NZ). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FENNESSY, Peter, Francis** [NZ/NZ]; 185 York Place, Dunedin (NZ). **SIMMONDS, Robin, Stuart** [NZ/NZ]; 20 Centennial Avenue, Dunedin (NZ).
- (74) **BENNETT, Michael, Roy** et al. / etc.; West-Walker Bennett, Mobil on the Park, 157 Lambton Quay, Wellington (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **A01N 63/00, A61K 35/12, 48/00, C12N 15/06, 15/08, 15/09, 15/63, A01K 67/027, 67/033**
- (11) **WO 00/69268** (13) A1
- (21) PCT/US00/12953
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/133,935 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PRODUCTION OF HUMAN CELLS, TISSUES, AND ORGANS IN ANIMALS  
• PRODUCTION DE CELLULES HUMAINES, DE TISSUS ET D'ORGANES CHEZ DES ANIMAUX
- (63) US 60/133,935 (CIP)  
13 May/mai 1999 (13.05.1999)
- (71) **THE UAB RESEARCH FOUNDATION** [US/US]; University of Alabama at Birmingham, 1825 University Boulevard, Mortimer Jordan Hall #113, Birmingham, AL 35294 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TOWNES, Tim, M.** [US/US]; 4687 Bridgewater Road, Birmingham, AL 35243 (US). **RYAN, Thomas** [US/US]; 1610 Cahaba Road, Birmingham, AL 35223 (US).
- (74) **MICHAUD, Susan, M.**; Clark & Elbing, LLP, 176 Federal Street, Boston, MA 02110-2214 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **A01N 63/00, A61K 39/02**
- (11) **WO 00/69269** (13) A1
- (21) PCT/US00/06718
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,055 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • STRAINS OF BACTERIOPHAGE USEFUL FOR RESCUING PATIENTS INFECTED WITH VANCOMYCIN-RESISTANT ENTEROCOCCUS FAECIUM  
• SOUCHES DE BACTERIOPHAGES UTILES POUR SAUVER DES PATIENTS INFECTES PAR ENTEROCOCCUS FAECIUM RESISTANT A LA VANCOMYCINE
- (71) **EXPONENTIAL BIOTHERAPIES, INC.** [US/US]; 150 Main Street, Port Washington, NY 11050 (US). **NATIONAL INSTITUTES OF HEALTH** [US/US]; Suite 325, 6011 Executive Boulevard, Rockville, MD 20852-3804 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MERRIL, Carl, R.** [US/US]; National Institute of Mental Health, Building 10, Room 2D54, 9000 Rockville Pike, Bethesda, MD 20892 (US). **CARLTON, Richard, M.** [US/US]; 150 Main Street, Port Washington,

- NY 11050 (US). **ADHYA, Sankar** [US/US]; 14400 Kings Grant Street, Gaithersburg, MD 20878 (US).
- (74) **MURRAY, Robert, B.** et al. / etc.; Arent Fox Kintner Plolkin & Kahn, PLLC, Suite 600, 1050 Connecticut Avenue, N.W., Washington, DC 20036-5339 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A22C 11/00**
- (11) **WO 00/69270** (13) A1
- (21) PCT/GB00/01784
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 9911273.2 **15 May/mai 1999 GB (15.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • RUBBER COMPOUND FOR NETTING OR WRAPPING MEAT
- COMPOSE ELASTOMERE PERMETTANT D'ENTOURER LA VIANDE D'UN FILET OU D'UNE ENVELOPPE
- (71) **SCOBIE & JUNOR (ESTD 1919) LIMITED** [GB/GB]; 10 Carron Place, Kelvin Industrial Estate, East Kilbride G75 0QB (GB). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WICKLOW, Trevor** [GB/GB]; Mullach Ard, Torr Road, Bridge of Weir (GB).
- (74) **MURGITROYD & COMPANYY**; 373 Scotland Street, Glasgow G5 8QA (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> **A23D 7/00, A23L 1/19**
- (11) **WO 00/69271** (13) A1
- (21) PCT/JP00/01207
- (22) **1 Mar/mar 2000 (01.03.2000)**
- (25) ja (26) ja
- (30) 11/133781 **14 May/mai 1999 JP (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • OIL-IN-WATER TYPE EMULSION COMPOSITIONS
- COMPOSITIONS D'EMULSIONS DE TYPE HUILE DANS L'EAU
- (71) **ASAHI DENKA KOGYO KABUSHIKI KAISHA** [JP/JP]; 2-35, Higashiogu 7-chome, Arakawa-ku, Tokyo 116-0012 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KANEKO, Mikihiko** [JP/JP]; Asahi Denka Kogyo Kabushiki Kaisha, 2-35, Higashiogu 7-chome, Arakawa-ku, Tokyo 116-0012 (JP). **IKEDA, Kenji** [JP/JP]; Asahi Denka Kogyo Kabushiki Kaisha, 2-35, Higashiogu 7-chome, Arakawa-ku, Tokyo 116-0012 (JP). **OKUTOMI, Yasuo** [JP/JP]; Asahi Denka Kogyo Kabushiki Kaisha, 2-35, Higashiogu 7-chome, Arakawa-ku, Tokyo 116-0012 (JP).
- (74) **HATORI, Osamu**; Akasaka HKN Building, 6th floor, 8-6, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A23D 9/007, A23L 1/30, A23D 7/00, A23L 1/24, A23G 9/02**
- (11) **WO 00/69272** (13) A1
- (21) PCT/EP00/03715
- (22) **18 Apr/avr 2000 (18.04.2000)**
- (25) en (26) en
- (30) 60/134,724 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • FAT CONTAINING PRODUCTS
- PRODUITS COMPORTANT DES MATIÈRES GRASSES
- (71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 Al Rotterdam (NL). (for all designated States except / pour tous les États désignés sauf AU BB CA CY GB GD GH IE IL IN KE LK LS MN MW NZ SD SG SZ TT TZ UG ZA ZW)
- (71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London, Greater London EC4P 4BQ (GB). (only for / seulement pour AU BB CA CY GB GD GH IE IL KE LK LS MN MW NZ SD SG SZ TT TZ UG ZA ZW)
- (71) **HINDUSTAN LEVER LTD.** [IN/IN]; Hindustan Lever House, 165-166 Backbay Reclamation, 400 020 Mumbai (IN). (only for / seulement pour IN)
- (72) **RAWLINGS, Anthony, V.**; Unilever Research Port Sunlight, Quarry Road East, Bebbington, Wirral, Merseyside L63 3JW (GB). **CHEN, Mandy, K.**; Lipton, Research & Development, 3701 Southwestern Boulevard, Baltimore, MD 21229 (US). **PATRICK, Matthew**; Lipton, Research & Development, 3701 Southwestern Boulevard, Baltimore, MD 21229 (US).
- (74) **JOPPE, Hermina, L., P.**; Unilever N.V., Patent Department, P.O. Box 137, NL-3130 AC Vlaardingen (NL).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A23D 9/007, A61K 7/00**
- (11) **WO 00/69273** (13) A1
- (21) PCT/US00/13009
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,751 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • FAT COMPOSITIONS
- COMPOSITIONS A BASE DE CORPUS GRAS
- (63) US 60/134,751 (CON) 18 May/mai 1999 (18.05.1999)
- (71) **CARGILL, INCORPORATED** [US/US]; 15407 McGinty Road West, Wayzata, MN 55391 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LOH, Willie, H.-T.** [US/US]; 5236 West Lake Nokomis Parkway, Minneapolis, MN 55417 (US). **LIU, Linsen** [CN/US]; 30 Oakhurst Drive, Irvine, CA 92602 (US). **LAMPERT, Daniel, S.** [US/US]; 1490 Bavaria Shores Drive, Chaska, MN 55318 (US).
- (74) **ELLINGER, Mark, S.**; Fish & Richardson P.C., P.A., 60 South Sixth Street, Suite 3300, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A23F 5/24, 5/48**
- (11) **WO 00/69274** (13) A1
- (21) PCT/EP00/04409
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en

- (30) 60/134,640 **18 May/mai 1999** US  
(18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● STABLE COFFEE CONCENTRATE SYSTEM  
● MELANGE STABLE DE CONCENTRE DE CAFE
- (71) **SOCIETE DES PRODUITS NESTLE S.A.** [CH/CH]; P.O. Box 353, CH-1800 Vevey (CH).
- (72) **CHENG, Pu-Sheng**; 6952 Literary Lane, Dublin, OH 43017 (US). **ZHENG, Ying**; 6102 Northcliff Road, Dublin, OH 43016 (US). **LAROLA, Serena**; 249 Old Spring Lane, Dublin, OH 43017 (US). **HU, Wen-ji**; 732 Kenny Lane, Marysville, OH 43040 (US). **RAHMANI, Rachid**; 136 S Richardson Avenue, Columbus, OH 43204 (US).
- (74) **ELLEBY, Gudrun**; Société des Produits Nestlé S.A., P.O. Box 353, CH-1800 Vevey (CH).
- (81) AU BR CA CN HU IN JP KR MX PL RU SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **A23G 1/00, 3/00, A23L 1/05**
- (11) **WO 00/69275** (13) A1
- (21) PCT/DK00/00252
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) PA 1999 00650 **12 May/mai 1999** DK  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● FOOD COMPOSITION WITH HIGH SOLIDS CONTENT, A METHOD FOR ITS PREPARATION AS WELL AS THE USE OF CARRAGEENANS FOR GELLING A FOOD COMPOSITION  
● PREPARATION ALIMENTAIRE A FORTE TENEUR EN ELEMENTS SOLIDES, SON PROCEDE DE PREPARATION, ET PROCEDE DE GELIFICATION UTILISANT LA CARRAGHE-NINE
- (71) **HERCULES INCORPORATED** [US/US]; Hercules Plaza, 1313 North Market Street, Wilmington, DE 19894 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JØNSSON, Torben** [DK/DK]; Fortunvej 17, DK-2920 Charlottenlund (DK). **KRISTENSEN, Jeanette** [DK/DK]; Gevinge Bygade 38, DK-4000 Roskilde (DK). **GRØNDAL, Jan** [DK/DK]; Meteorvej 7, DK-4040 Jyllinge (DK).
- (74) **CHAS. HUDE A/S**; H.C. Andersens Boulevard 33, DK-1553 Copenhagen V (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **A23J 3/26, B02C 18/14**
- (11) **WO 00/69276** (13) A1
- (21) PCT/AU00/00475
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) PQ 0440 **18 May/mai 1999** AU  
(18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD AND APPARATUS FOR THE MANUFACTURE OF MEAT  
● PROCEDE ET APPAREIL PERMETTANT DE PREPARER DE LA VIANDE
- (71) **EFFEM FOODS PTY LTD.** [AU/AU]; Kelly Street, Wodonga, VIC 3690 (AU).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOWSAM, Stuart** [AU/AU]; Kelly Street, Wodonga, VIC 3690 (AU).
- (74) **WATERMARK PATENT & TRADE-MARK ATTORNEYS**; Unit 1, The Village, Riverside Corporate Park, 39-117 Delhi Road, North Ryde, NSW 2113 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A23K 1/16, A61K 31/05, A61P 1/12**
- (11) **WO 00/69277** (13) A1
- (21) PCT/EP00/03513
- (22) **17 Apr/avr 2000 (17.04.2000)**
- (25) en (26) en
- (30) 9901733-7 **12 May/mai 1999** SE  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● A COMPOSITION CONTAINING CARVACROL AND THYMOL FOR USE AS A BACTERICIDE
- COMPOSITION CONTENANT DU CARVACROL ET DU THYMOL UTILISEE COMME BACTERICIDE
- (71) **AKZO NOBEL NV** [NL/NL]; P.O. Box 9300, NL-6800 SB Arnhem (NL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LOSA, Riccardo** [CH/CH]; En Fagne, CH-1145 Bière (CH).
- (74) **ANDERSSON, Rolf**; Akzo Nobel Surface Chemistry AB, S-444 85 Stenungsund (SE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A23K 1/16, 1/18**
- (11) **WO 00/69278** (13) A1
- (21) PCT/US00/08839
- (22) **3 Apr/avr 2000 (03.04.2000)**
- (25) en (26) en
- (30) 60/134,339 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● FEED BISCUIT INCLUDING FAT IMBIBING POLYMER  
● CROQUETTES ALIMENTAIRES A BASE DE POLYMERE IMBIBANT LA GRAISSE
- (71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).
- (72) **HARRIS, William, I.**; 608 Gerald Court, 2B, Midland, MI 48642 (US). **FOSTER, Kenneth, L.**; 114 West Carpenter Street, Midland, MI 48640 (US).
- (74) **BLACK, Edward, W.**; Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A23K 3/00, 3/03**
- (11) **WO 00/69279** (13) A1
- (21) PCT/EP00/04239



- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 99109680.1 **17 May/mai 1999 EP (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • COMPOSITIONS FOR THE PRESERVING TREATMENT OF FEEDS  
• COMPOSITIONS DESTINEES A LA CONSERVATION DES ALIMENTS
- (71) **PHARMA SWEDE LUND AB** [SE/SE]; Professorgatan 5B, S-223 63 Lund (SE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SHOA'A, Abdul Rahman** [JO/SE]; Kämpagränden 23B, S-224 76 Lund (SE). **RA'AFAT, Kittaneh** [JO/JO]; P.O. Box 150906, 11115 Amman (JO). **KE-FAH, Da'as** [JO/EG]; Salah Salem Street, Al-Ubour Building, 6th Stair - App. No. 67, Cairo (EG).
- (74) **HARRISON, Michael, Charles**; Albihns GmbH, Grasserstr. 10, 80339 Munich (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A23L**
- (11) **WO 00/69280** (13) A2
- (21) PCT/US00/13414
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 09/313,690 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CORN OIL AND PROTEIN EXTRACTION METHOD  
• PROCEDE D'EXTRACTION D'HUILE ET DE PROTEINE DE MAIS
- (71) **THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS** [US/US]; 506 South Wright Street, 352 Henry Administration Building, Urbana, IL 61801 (US).
- (72) **CHERYAN, Munir**; 2501 S. Boudreau Drive, Urbana, IL 61801 (US).
- (74) **FALLON, Steven, P.**; Greer, Burns & Crain, Ltd., Suite 8660, Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AU BA BB BG BR CA CN CR CU CZ DM DZ EE FI GD GE GH GM HR HU ID IL IN IS JP KG KP KR LC LK LR LT LV MA MD MG MK MN MX NO NZ PL RO SG SI SK SL TR TT TZ UA UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A23L 1/10**
- (11) **WO 00/69281** (13) A1
- (21) PCT/KR00/00451
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 1999/17650 **17 May/mai 1999 KR (17.05.1999)**
- (30) 2000/18937 **11 Apr/avr 2000 KR (11.04.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • UNCOOKED READY-TO-EAT GRAIN FOOD AND METHOD OF PREPARING THE SAME  
• ALIMENT NON CUIT A BASE DE CEREALES, PRET-A-MANGER, ET PROCEDE DE PREPARATION CORRESPONDANT
- (71, 72) **LEE, Yang, Hee** [KR/KR]; San 38-2, Nam-dong, Yongin-city, Kyungki-do 449-030 (KR).
- (74) **LEE, Young, Pil**; The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu, Seoul 137-073 (KR).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A23L 1/236**
- (11) **WO 00/69283** (13) A1
- (21) PCT/US00/12584
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 60/134,064 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • USE OF ADDITIVES TO MODIFY THE TASTE CHARACTERISTICS OF N-NEOHEXYL- $\alpha$ -ASPARTYL-L-PHENYLALANINE METHYL ESTER  
• UTILISATION D'ADDITIFS POUR MODIFIER LES CARACTERISTIQUES GUSTATIVES DE N-NEOHEXYL  $\alpha$ -ASPARTYL-L-PHENYLALANINE METHYLESTER
- (71) **THE NUTRASWEET COMPANY** [US/US]; Suite 900, 200 World Trade Center, Merchandise Mart, Chicago, IL 60654-1001 (US).
- (72) **GERLAT, Paula, A.**; Apartment 504, 2020 St. John's Avenue, Highland Park, IL 60035 (US). **WALTERS, Gale, C.**; 16 Mayflower road, Vernon Hills, IL 60061 (US). **BISHAY, Ihab**; 187 Springbrook Court, Mundelein, IL 60060 (US). **PRAKASH, Indra**; 4731 Sunflower Lane, Hoffman Estates, IL 60195 (US). **JARRETT, Tammy, C.**; 584 East Delgado Drive, Palatine, IL 60067 (US). **DESAI, Nitin**; 902 West Gregory Street, Mount Prospect, IL 60056 (US). **SAWYER, Harold**; 1298 Berkshire Lane, Lake Zurich, IL 60047 (US). **BECHERT, Claire-Lise**; 45, rue Boissy d'Anglas, F-75008 Paris (FR).
- (71) **THE NUTRASWEET COMPANY** [US/US]; 200 World Trade Center, Suite 900, Merchandise Mart, Chicago, IL 60654-1001 (US).
- (72) **BISHAY, Ihab, E.**; 187 Springbrook Court, Mundelein, IL 60060 (US). **PRAKASH, Indra**; 4731 Sunflower Land, Hoffman Estates, IL 60195 (US). **DESAI, Nitin**; 902 West Gregory Street, Mount Prospect, IL 60056 (US). **GELMAN, Yefim**; 2310 Williamsburg, Arlington Heights, IL 60004 (US). **SCHROEDER, Steve, A.**; 6486 Hallen Avenue, Belvidere, IL 61008 (US).
- (74) **MANDRA, Raymond, R.** 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A23L 1/236, 2/60, A21D 2/24, A23G 3/30**
- (11) **WO 00/69282** (13) A1
- (21) PCT/US00/12581
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 60/134,058 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MODIFICATION OF THE TASTE AND PHYSICO-CHEMICAL PROPERTIES OF NEOTAME USING HYDROPHOBIC ACID ADDITIVES  
• MODIFICATION DU GOUT ET DES PROPRIETES PHYSICO-CHIMIQUES

- (74) **MANDRA, Raymond, R.** 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **A23L 1/275, 1/303, 1/30, A23K 1/18, 1/16, C09B 61/00**
- (11) **WO 00/69284** (13) A1
- (21) PCT/EP00/03737
- (22) **20 Apr/avr 2000 (20.04.2000)**
- (25) en (26) en
- (30) 99201474.6 **12 May/mai 1999 EP (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● CAROTENOID AND OTHER ANTI-OXIDANTS EXTRACTION  
● EXTRACTION DE CAROTENOIDES ET D'AUTRES ANTIOXYDANTS
- (71) **SOCIETE DES PRODUITS NESTLE S.A.** [CH/CH]; P.O. Box 353, CH-1800 Vevey (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DAURY, Marc, Cédric** [FR/CH]; 14, ch. des Ormeaux, CH-1066 Epalinges (CH). **JUILLERAT, Marcel, Alexandre** [CH/CH]; Ch. Praz-Dom-Nicod 10, Vers-Chez-Les-Blancs, CH-1000 Lausanne 26 (CH).
- (74) **CHAUTARD, Cécile**; Société des Produits Nestlé S.A., P.O. Box 353, CH-1800 Vevey (CH).
- (81) AU BR CA CN CR CZ HU ID IL IN JP KR MA MX NO NZ PL RO SG TR US ZA; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A23L 1/337, 1/0532, 1/221, 2/52**
- (11) **WO 00/69285** (13) A1
- (21) PCT/JP00/02921
- (22) **8 May/mai 2000 (08.05.2000)**
- (25) ja (26) ja
- (30) 11/134850 **14 May/mai 1999 JP (14.05.1999)**
- (30) 11/200424 **14 Jul/juil 1999 JP (14.07.1999)**
- (30) 2000/24289 **1 Feb/fév 2000 JP (01.02.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● AGAROBIOSE-CONTAINING COMPOSITION  
● COMPOSITION CONTENANT DE L'AGAROBIOSE
- (71) **TAKARA SHUZO CO., LTD.** [JP/JP]; 609, Takenaka-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8061 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ENOKI, Tatsuji** [JP/JP]; 202, Inoue-hausu, 10-23, Nango 1-chome, Otsu-shi, Shiga 520-0865 (JP). **SAGAWA, Hiroaki** [JP/JP]; 503, Hamoparesu-Kusatsu 12-1, Nishishibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). **SAKAI, Takeshi** [JP/JP]; 203, Raionzumanshon-Shinakawamachi 120-1, Shinakawamachi, Hirosaki-shi, Aomori 036-8183 (JP). **OYASHIKI, Haruo** [JP/JP]; 13-15, Sato 7-chome, Otsu-shi, Shiga 520-2276 (JP). **SAKAKIBARA, Hitoshi** [JP/JP]; 32-2-301, Motomachi 3-chome, Urawa-shi, Saitama 336-0003 (JP). **OCHIAI, Kazuyori** [JP/JP]; 27-1-311, Asahigaoka 1-chome, Otsu-shi, Shiga 520-0052 (JP). **KATO, Ikunoshin** [JP/JP]; 1-1-150, Nanryo-cho, Uji-shi, Kyoto 611-0028 (JP).
- (74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama & Partners, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A23L 2/00**
- (11) **WO 00/69286** (13) A2
- (21) PCT/US00/12578
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 09/311,956 **14 May/mai 1999 US (14.05.1999)**
- (30) 09/545,397 **7 Apr/avr 2000 US (07.04.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● JUICES INCORPORATING EARLY SEASON ORANGE CULTIVARS  
● JUS DE FRUITS COMPORTANT DES CULTIVARS HATIFS D'ORANGES
- (63) US Not furnished / non communiqué (CIP)  
Not furnished / non communiqué
- (71) **TROPICANA PRODUCTS, INC.** [US/US]; 1001 13th Avenue E., Bradenton, FL 34208 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- 
- (51)<sup>7</sup> **A23P 1/08, A23L 1/0522**
- (11) **WO 00/69287** (13) A1
- (21) PCT/EP00/03534
- (22) **19 Apr/avr 2000 (19.04.2000)**
- (25) en (26) en
- (30) 199 21 681.9 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● GENETICALLY MODIFIED STARCH IN BATTER MIX  
● FECULE GENETIQUEMENT MODIFIEE CONTENUE DANS UN MELANGE DE PATE
- (71) **AVENTIS CROPSCIENCE GMBH** [DE/DE]; Brüningstrasse 50, D-65929 Frankfurt (DE).
- (81) AE AG AL AM AU AZ BA BB BG BR BY CA CN CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KG KP KR KZ LC LK LR LT LV MA MD MG MK MN MX NO NZ PL RO RU SG SI SK TJ TM TR TT UA UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A23P 1/12, 1/14**
- (11) **WO 00/69288** (13) A1
- (21) PCT/JP00/03131
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) ja (26) ja
- (30) 11/135695 **17 May/mai 1999 JP (17.05.1999)**
- (72, 75) **KEITHLY, James, H.** [US/US]; 619 Casabella Drive, Bradenton, FL 34209 (US). **POLLACK, Harold** [US/US]; 5908 Pelican Bay Plaza, St. Petersburg, FL 33707 (US). **TAGGART, Thomas** [US/US]; 5202 34th Avenue W., Bradenton, FL 34209 (US).
- (74) **MEHLER, Raymond, M.**; Cook, Alex, McFarron, Manzo, Cummings & Mehler, Ltd., Suite 2850, 200 West Adams, Chicago, IL 60606 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● FOOD EXTRUDER COOKING CONTROL METHOD AND COOKING CONTROL SYSTEM
- PROCEDE DE COMMANDE DE CUISSON POUR EXTRUDEUSE ALIMENTAIRE ET SYSTEME DE COMMANDE DE CUISSON
- (71) **THE JAPANESE RESEARCH & DEVELOPMENT ASSOCIATION FOR APPLICATION OF ELECTRONICS TECHNOLOGY IN FOOD INDUSTRY** [JP/JP]; Minesawa Building, 17-17, Nihonbashikodenma-cho, Chuo-ku, Tokyo 103-0001 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOCHIZUKI, Keizo** [JP/JP]; Food Research and Development Labs., Meiji Seika Kaisha, Ltd., 3-1, Chiyoda 5-chome, Sakado-shi, Saitama 350-0214 (JP). **YAMANE, Taisuke** [JP/JP]; Food Research and Development Labs., Meiji Seika Kaisha, Ltd., 3-1, Chiyoda 5-chome, Sakado-shi, Saitama 350-0214 (JP). **OGO, Kenjiro** [JP/JP]; Food Research and Development Labs., Meiji Seika Kaisha, Ltd., 3-1, Chiyoda 5-chome, Sakado-shi, Saitama 350-0214 (JP).
- (74) **SASAKI, Isao** et al. / etc.; Sasaki, Kawamura & Associates, Toranomom Sangyo Building, 6th floor, 2-29, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A24B 3/00, 3/12**
- (11) **WO 00/69289** (13) A1
- (21) PCT/KR00/00474
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) ko (26) en
- (30) 1999/17566 **17 May/mai 1999** KR (17.05.1999)
- (30) 2000/6179 **10 Feb/fév 2000** KR (10.02.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● PROCESS FOR LOWERING NICOTINE CONTENTS IN TOBACCO
- PROCÉDÉ POUR RÉDUIRE LA TENEUR EN NICOTINE DU TABAC
- (71, 72) **KIM, In-Jae** [KR/KR]; 18/5, 674-2, Yuksam-dong, Kangnam-ku, Seoul 135-915 (KR).
- (74) **PARK, Jang-Won**; 200, Jewoo-bldg., Nonhyun-dong, Kangnam-ku, Seoul 135-010 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A41D 11/00, 13/00, B60R 22/10, B60N 2/28**
- (11) **WO 00/69291** (13) A1
- (21) PCT/JP99/07113
- (22) **17 Dec/déc 1999 (17.12.1999)**
- (25) ja (26) ja
- (30) 11/168716 **13 May/mai 1999** JP (13.05.1999)
- (30) 11/311378 **1 Nov/nov 1999** JP (01.11.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● VEHICLE CHILD PROTECTION CLOTHING
- VETEMENT DE PROTECTION D'ENFANT POUR VEHICULE
- (71) **ZENKOKU BOUSAI JIGYO KYODO KUMIAI** [JP/JP]; 2-7-3, Ohte, Fukui-shi, Fukui-ken 910-0005 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **MASUDA, Mitsunori** [JP/JP]; 3-42-6-101, Kameari Katsushika-ku, Tokyo 125-0061 (JP).
- (72, 75) **YAMAMOTO, Taku** [JP/JP]; Zenkoku Bousai Jigyo Kyodo Kumiai, SK Building 2F, 1-6-7, Shinbashi, Minato-ku, Tokyo 105-0004 (JP).
- (74) **KATO, Tsunehisa**; Horiuchi Building, 3rd floor, 1-5-12, Akasaka, Minato-ku, Tokyo 107-0052 (JP).
- (81) AT AU BR CA CN ID IL IN KR MX NZ SG TR US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **A41D 13/00, B62J 27/00, B60R 21/16, A62B 37/00**
- (11) **WO 00/69292** (13) A1
- (21) PCT/JP00/00960
- (22) **21 Feb/fév 2000 (21.02.2000)**
- (25) ja (26) ja
- (30) 11/4314 U **13 May/mai 1999** JP (13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SHOCK BUFFER
- DISPOSITIF ANTICHOCS
- (71, 72) **TAKASHIMA, Sohei** [JP/JP]; 312 Japamer Heights, 769 Ishihata, Mizuho-machi, Nishitama-gun, Tokyo 190-1211 (JP).
- (81) AE AU BR CA CN CZ HU ID IL IN KR MX NO PL RO RU SG SK TR US VN YU ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **A41D 31/00, 13/00**
- (11) **WO 00/69293** (13) A1
- (21) PCT/GB00/01832
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 9911056.1 **12 May/mai 1999** GB (12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ENERGY ABSORBING PROTECTIVE MEMBER

- ELEMENT DE PROTECTION AMOR-TISSEUR
- (71) **PLANT, Daniel, James** [GB/GB]; Llanwinney Farm, Llangovan, Nr.Monmouth NP5 4BU (GB).
- (74) **WOODWARD, John, Calvin**; Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A41F 1/00**
- (11) **WO 00/69294** (13) A1
- (21) PCT/US00/13741
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 09/314,068 **19 May/mai 1999** US (19.05.1999)
- (30) 09/442,938 **18 Nov/nov 1999** US (18.11.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • FIBER OPTIC CABLE COUPLING SYSTEM  
• SYSTEME DE COUPLAGE DE CABLES A FIBRES OPTIQUES
- (71) **OPTIC-TECH INTERNATIONAL CORP.** [US/US]; 2601 N.W. 105th Avenue, Miami, FL 33172 (US).
- (72) **CARUSO, Jack**; 7522 Rio Pinar Lakes Boulevard, Orlando, FL 32822 (US).
- (74) **NEWLAND, Bart, G.** et al. / etc.; Rothwell, Figg, Ernst & Manbeck, Suite 701 East, 555 13th Street N.W., Columbia Square, Washington, DC 20004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A41H 1/00, G01B 3/14**
- (11) **WO 00/69295** (13) A1
- (21) PCT/US00/12722
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 09/312,445 **14 May/mai 1999** US (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • APPAREL SIZING TEMPLATE  
• GABARIT DE DIMENSIONNEMENT DE VETEMENT
- (71) **BELLAKIDS, INC.** [US/US]; 22 West 23rd Street, New York, NY 10010 (US).
- (72) **CAREY, Douglas**; 280 Park Avenue South #18L, New York, NY 10010 (US). **CAREY, Lisa**; 280 Park Avenue South #18L, New York, NY 10010 (US).
- (74) **PRITZKER, Randy, J.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A42B 1/24**
- (11) **WO 00/69296** (13) A1
- (21) PCT/KR00/00478
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 1999/9917679 **17 May/mai 1999** KR (17.05.1999)
- (30) 2000/9918078 **6 Apr/avr 2000** KR (06.04.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HEADGEAR WITH AIR-VENT AND SUNGLASSES  
• CASQUETTE A EVENT ET LUNETTES DE SOLEIL
- (71, 72) **JUNG, Chul, Hi** [KR/KR]; 212, Han Sin Kang Buen Building, Mapo-dong, Mapo-ku, Seoul 121-050 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A43B**
- (11) **WO 00/69297** (13) A2
- (21) PCT/CH00/00271
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) fr (26) fr
- (30) 99/06443 **17 May/mai 1999** FR (17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SPORTS SHOE, ESPECIALLY FOR DOWNHILL SKIING, SKI-TOURING, CROSS-COUNTRY SKIING, SNOWBOARDING, ROLLER-SKATING OR ICE-SKATING  
• CHAUSSURE DE SPORT, NOTAMMENT DE SKI ALPIN, DE RANDONNEE, DE FOND, DE SURF DES NEIGES, DE PATIN A ROULETTES OU DE PATIN A GLACE
- (71, 72) **COUTURIER, Jean-François** [CH/CH]; CH-1987 Hérémence (CH).
- (74) **NITHARDT, Roland**; Cabinet Roland Nithardt, Conseils en Propriété Industrielle S.A., Y-Parc, Rue Galilée 9, CH-1400 Yverdon-les-Bains (CH).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A43B 5/04**
- (11) **WO 00/69298** (13) A1
- (21) PCT/FR00/01116
- (22) **27 Apr/avr 2000 (27.04.2000)**
- (25) fr (26) fr
- (30) 99/06257 **12 May/mai 1999** FR (12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CROSS-COUNTRY SKI BOOT  
• CHAUSSURE DE SKI DE FOND
- (71) **SALOMON S.A.** [FR/FR]; Lieu-dit La Ravoire, F-74370 Metz-Tessy (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LANCON, Bruno** [FR/FR]; Leydevant, F-74350 Villy Le Pelloux (FR).
- (74) **BEGEY, Jean-Marie** et al. / etc.; Salomon S.A., Direction Juridique et Propriété Industrielle, F-74996 Annecy Cedex 09 (FR).
- (81) NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> A44B 11/00

(11) WO 00/69299 (13) A1

(21) PCT/KR00/00463

(22) 15 May/mai 2000 (15.05.2000)

(25) ko (26) en

(30) 1999/17463 14 May/mai 1999 KR  
(14.05.1999)(30) 2000/24252 6 May/mai 2000 KR  
(06.05.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • BELT BUCKLE  
• BOUCLE DE CEINTURE(71, 72) TAN, Hong, Tok [KR/KR]; Moktong  
Apartment 1421-601, 330, Sinjung 6-dong,  
Yangchun-ku, Seoul 158-076 (KR).(74) PARK, Jang, Won; Park, Kim & Partner,  
Jewoo Bldg. 4th floor, 200 Nonhyun-dong,  
Kangnam-ku, Seoul 135-010 (KR).(81) AE AL AM AT AU AZ BA BB BG BR BY  
CA CH CN CR CU CZ DE DK DM 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 NO NZ  
PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW;  
AP (GH GM KE LS MW SD SL SZ TZ UG  
ZW); EA (AM AZ BY KG KZ MD RU TJ  
TM); EP (AT BE CH CY DE DK ES FI FR  
GB GR IE IT LU MC NL PT SE); OA (BF  
BJ CF CG CI CM GA GN GW ML MR NE  
SN TD TG).(51)<sup>7</sup> A44B 13/00, A41F 1/00, A44B 11/25

(11) WO 00/69300 (13) A1

(21) PCT/EP00/04070

(22) 6 May/mai 2000 (06.05.2000)

(25) de (26) de

(30) 299 08 605.4 14 May/mai 1999 DE  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CLOSURE FOR GARMENTS, ESPE-  
CIALLY CORSETRY  
• FERMETURE POUR VETEMENTS,  
NOTAMMENT POUR ARTICLES DE  
BONNETERIE(71) TRIUMPH INTERNATIONAL AK-  
TIENGESELLSCHAFT [DE/DE]; Marss-  
trasse 40, D-80335 München (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) HALM, Hans [DE/ES]; Apartado 212,  
Calle Belgica, 36 - 38 Casa 12, E-07180  
Santa Posa, Islas Baleares (ES).(74) MÖLL, F., W. et al. / etc.; Postfach 20 80,  
D-76810 Landau (DE).(81) AL AM AT AU AZ BA BB BG BR BY CA  
CH CN CU CZ DE DK 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 MD  
MG MK MN MW MX NO NZ PL PT RO  
RU SD SE SG SI SK SL TJ TM TR TT UA  
UG US UZ VN YU ZW; AP (GH GM KE  
LS MW SD SL SZ TZ UG ZW); EA (AM  
AZ BY KG KZ MD RU TJ TM); EP (AT  
BE CH CY DE DK ES FI FR GB GR IE IT  
LU MC NL PT SE); OA (BF BJ CF CG CI  
CM GA GN GW ML MR NE SN TD TG).(51)<sup>7</sup> A44C 5/22, 5/18

(11) WO 00/69301 (13) A1

(21) PCT/JP00/03023

(22) 11 May/mai 2000 (11.05.2000)

(25) ja (26) ja

(30) 11/132303 13 May/mai 1999 JP  
(13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CENTER ARRESTER OF BAND-  
SHAPED ORNAMENT AND BAND-  
SHAPED ORNAMENT  
• DISPOSITIF D'ARRET D'UN AC-  
CESSOIRE EN FORME DE BRACE-  
LET ET ACCESSOIRE EN FORME DE  
BRACELET(71) CITIZEN WATCH CO., LTD. [JP/JP];  
1-1, Nishishinjuku 2-chome, Shinjuku-ku,  
Tokyo 163-0428 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) HASHIMOTO, Norio [JP/JP]; Ta-  
nashiseizosho, Citizen Watch Co., Ltd.,  
1-12, Honcho 6-chome, Tanashi-shi, Tokyo  
188-8511 (JP). TAGUCHI, Hideo [JP/JP];  
Tanashiseizosho, Citizen Watch Co., Ltd.,  
1-12, Honcho 6-chome, Tanashi-shi, To-  
kyo 188-8511 (JP). FUJITA, Ryo [JP/JP];  
Tanashiseizosho, Citizen Watch Co., Ltd.,  
1-12, Honcho 6-chome, Tanashi-shi, Tokyo  
188-8511 (JP).(74) TAKAMUNE, Hiroto; Gijutsu Kaihatsu  
Co., Muto Building, 2nd floor, Room 201,  
13-9, Nishishinjuku 7-chome, Shinjuku-ku,  
Tokyo 160-0023 (JP).

(81) CN JP KR US; EP (CH DE FR GB IT).

(51)<sup>7</sup> A44C 7/00, A44B 9/00, 17/00

(11) WO 00/69302 (13) A1

(21) PCT/US00/13501

(22) 17 May/mai 2000 (17.05.2000)

(25) en (26) en

(30) 09/312,802 17 May/mai 1999 US  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ADJUSTABLE EARRING  
• BOUCLE D'OREILLE ADAPTABLE(71) HOLLINGWORTH, Marilyn, G.  
[US/US]; 40 North State Street, No. 2E,  
Salt Lake City, UT 84103 (US).(72) HOLLINGWORTH, Franklin, D.; 40  
North State Street, No. 2E, Salt Lake City,  
UT 84103 (US).(74) MALLINCKRODT, Robert, R.; Suite 510,  
10 Exchange Place, Salt Lake City, UT  
84111 (US).(81) AE AL AM AT AU AZ BA BB BG BR BY  
CA CH CN CR CU CZ DE DK DM 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 NO  
NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW;  
AP (GH GM KE LS MW SD SL SZ TZ UG  
ZW); EA (AM AZ BY KG KZ MD RU TJ  
TM); EP (AT BE CH CY DE DK ES FI FR  
GB GR IE IT LU MC NL PT SE); OA (BF  
BJ CF CG CI CM GA GN GW ML MR NE  
SN TD TG).(51)<sup>7</sup> A44C 15/00

(11) WO 00/69303 (13) A1

(21) PCT/DE00/01438

(22) 8 May/mai 2000 (08.05.2000)

(25) de (26) de

(30) 199 22 480.3 15 May/mai 1999 DE  
(15.05.1999)(30) 199 58 824.4 7 Dec/déc 1999 DE  
(07.12.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • LUMINESCENT ORNAMENTAL OB-  
JECT  
• OBJET D'ORNEMENT LUMINES-  
CENT(71, 72) SEIDENBUSCH, Richard [DE/DE];  
Klenze Strasse 5, D-92237 Sulz-  
bach-Rosenberg (DE).(81) BG (Utility model / modèle d'utilité) RU  
(Utility model / modèle d'utilité) TR (Utility  
model / modèle d'utilité) US; EP (AT BE  
CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE).

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(51)<sup>7</sup> A44C 15/00

(11) WO 00/69304 (13) A1

(21) PCT/GB00/01803

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 9911045.4 12 May/mai 1999 GB  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • IMPROVEMENTS RELATING TO IL-  
LUMINATED JEWELLERY  
• AMELIORATIONS PORTANT SUR  
DES ARTICLES DE BIJOUTERIE LU-  
MINEUX

- (71) **SCINTILLATE LIMITED** [GB/GB]; D & D Law Agency Services Limited, 96/99 Temple Chambers, Temple Avenue, London EC4Y 0HP (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MICHAEL, Peter, Colin** [GB/GB]; Edington House, Hungerford, Berkshire RG17 0PL (GB).
- (74) **AHMAD, Sheikh, Shakeel** et al. / etc.; David Keltie Associates, 12 New Fetter Lane, London EC4A 1AG (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A45C 5/04, 13/00, 13/38**
- (11) **WO 00/69305** (13) A1
- (21) PCT/KR00/00153
- (22) **25 Feb/fév 2000 (25.02.2000)**
- (25) ko (26) en
- (30) 1999/8464 UM **18 May/mai 1999** KR (18.05.1999)
- (30) 1999/13867 UM **18 May/mai 1999** KR (18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● A LUGGAGE  
● BAGAGE
- (71, 72) **SONG, Eun, Sun** [KR/KR]; B-503 Heung Jin Mansion, 318-8 Cheonho-2-dong, Kangdong-gu, Seoul 134-022 (KR).
- (74) **YU, Byung, Surn**; 610 Mannyun Office-tel, 241 Walpyung-dong, Seo-gu, TaeJeon 302-282 (KR).
- (81) AT AU BG BR CA CN DE DK ES FI GB HU IL JP NO NZ PT SE SG US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **A45D 2/24, 2/26**
- (11) **WO 00/69306** (13) A1
- (21) PCT/US00/13896
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 09/315,570 **19 May/mai 1999** US (19.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● HAIR CURLER  
● BIGOUDI
- (71) **CONAIR CORPORATION** [US/US]; One Cummings Point Road, Stamford, CT 06904 (US).
- (72) **FUNG, Kam, Fai**; Block 7, Flat D, 2F, Melody Garden, Tuen Mun, Hong Kong (CN).
- (74) **RUGGIERO, Charles, N., J.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 9th Floor, One Landmark Square, Stamford, CT 06901-2682 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A45D 6/02, 6/04**
- (11) **WO 00/69307** (13) A1
- (21) PCT/US00/13689
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/313,066 **17 May/mai 1999** US (17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● MOTORIZED, ROTATING HAIR BRUSH  
● BROSSE A CHEVEUX ROTATIVE EQUIPEE D'UN MOTEUR
- (71, 72) **MARINO, Claudio** [US/US]; 6610 Petitt Avenue, Van Nuys, CA 91406 (US).
- (74) **HARRIS, Michael, D.**, et al. / etc.; Oppenheimer Wolff & Donnelly LLP, 2029 Century Park East, Los Angeles, CA 90067 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A45D 19/02, A46B 11/00**
- (11) **WO 00/69308** (13) A1
- (21) PCT/EP00/04088
- (22) **6 May/mai 2000 (06.05.2000)**
- (25) de (26) de
- (30) 199 22 092.1 **17 May/mai 1999** DE (17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● APPLICATION DEVICE FOR HIGH-LIGHTING HAIR  
● DISPOSITIF D'APPLICATION POUR COLORATION DE MECHEs DE CHEVEUX
- (71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HÖFFKES, Horst** [DE/DE]; Carlo-Schmid-Strasse 113, D-40595 Düsseldorf (DE). **HOLLENBERG, Detlef** [DE/DE]; Fliederweg 31, D-40699 Erkrath (DE). **SOLICH, Peter** [DE/DE]; Hubertusstrasse 18a, D-51061 Köln (DE). **SCHNEIDER, Hans** [DE/DE]; Heidersstrasse 79, D-41844 Wegberg (DE).
- (81) AU BR CA CN CZ HU JP NZ PL RU SI SK UA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **A46B 9/08, 7/06**
- (11) **WO 00/69309** (13) A1
- (21) PCT/KR00/00448
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) ko (26) en
- (30) 1999/8238 U **14 May/mai 1999** KR (14.05.1999)
- (30) 2000/8396 U **24 Mar/mar 2000** KR (24.03.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● A TOOTHBRUSH HAVING A SPREADING PILUS SECTION  
● BROSSE A DENTS COMPORTANT UNE PARTIE DE POILS EXTENSIBLE
- (71, 72) **PARK, Hyo, Moon** [KR/KR]; 196-33, Sang-Pyung-dong, Chinjusi, Kyungnam 660-902 (KR).
- (74) **SHONG, Jae, Wok**; Federation of Fisheries Cooperative Main Building #402, 917 Dunsan-2-Dong, Seo-ku, Taejeon 302-122 (KR).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> **A46D 3/06**
- (11) **WO 00/69310** (13) A1
- (21) PCT/JP00/03073
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) ja (26) ja

- (30) 11/134797 **14 May/mai 1999** JP  
(14.05.1999)
- (30) 2000/47553 **24 Feb/fév 2000** JP  
(24.02.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● BRUSH, AND DEVICE AND METHOD FOR TRANSPLANTING HAIR WITH THE BRUSH  
● BROSSE, ET DISPOSITIF ET PROCEDE D'IMPLANTATION DE SOIES DANS UNE BROSSE
- (71) **LION CORPORATION** [JP/JP]; 3-7, Honjo 1-chome, Sumida-ku, Tokyo 130-0004 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KANEKO, Tadanori** [JP/JP]; Lion Corporation, 3-7, Honjo 1-chome, Sumida-ku, Tokyo 130-0004 (JP). **MIZUTANI, Ryoji** [JP/JP]; Lion Corporation, 3-7, Honjo 1-chome, Sumida-ku, Tokyo 130-0004 (JP).
- (74) **FUJII, Koichi** et al. / etc.; 4th Floor, Kawamura Building, 4-4, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN ID KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **A47B 21/03, G06F 3/02**  
(11) **WO 00/69311** (13) A1  
(21) PCT/JP99/06504  
(22) **22 Nov/nov 1999 (22.11.1999)**  
(25) en (26) en  
(30) 11/136682 **18 May/mai 1999** JP  
(18.05.1999)  
(30) 09/317,481 **24 May/mai 1999** US  
(24.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) ● ARMREST  
● REPOSE-BRAS
- (71, 72) **UDO, Hiroshi** [JP/JP]; 7-5, Ushita-shin-machi 3-chome, Higashi-ku, Hiroshima-shi, Hiroshima 732-0068 (JP). **UDO, Akiko** [JP/JP]; 7-5, Ushita-shin-machi 3-chome, Higashi-ku, Hiroshima-shi, Hiroshima 732-0068 (JP).
- (72) **UDO, Akihiro**; Room 801, Sampole Hiroko 8F, 17-5, Osuga-cho, Minami-ku, Hiroshima-shi, Hiroshima 732-0821 (JP).
- (74) **KUWABARA, Hideaki**; Nishi-Shinbashi Chuo Building, 15-8, Nishi-Shinbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **A47F 5/00**  
(11) **WO 00/69313** (13) A1  
(21) PCT/US00/06703  
(22) **8 May/mai 2000 (08.05.2000)**  
(25) en (26) en  
(30) 09/310,155 **12 May/mai 1999** US  
(12.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) ● HAND TOOL FOR SECURELY SUPPORTING ARTICLE DURING PAINTING  
● OUTIL A MAIN PERMETTANT DE SUPPORTER SOLIDEMENT UN ARTICLE LORS DE TRAVAUX DE PEINTURE
- (63) US 09/310,155 (CIP)  
12 May/mai 1999 (12.05.1999)
- (71, 72) **BISSETT, Mark, G.** [US/US]; 4104 Morningwood Drive, Olney, MD 20832 (US).
- (74) **STEINER, Paul, E.**; 3705 Martin's Dairy Circle, Olney, MD 20832 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A47G 25/06, A47B 61/00**  
(11) **WO 00/69314** (13) A1  
(21) PCT/SE00/00897  
(22) **5 May/mai 2000 (05.05.2000)**  
(25) sv (26) en  
(30) 9901739-4 **12 May/mai 1999** SE  
(12.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) ● HANGER  
● CINTRE
- (71) **INNOGE UTVECKLINGS AB** [SE/SE]; Box 133, S-892 23 Domsjö (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FORSLUND, Torbjörn** [SE/SE]; Österalnö 2550, S-894 95 Moliden (SE).
- (74) **WESTERLUND, Örjan** et al. / etc.; AB Stockholms Patentbyrå, Zacco & Bruhn, Box 23101, S-104 35 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A47J 31/58**  
(11) **WO 00/69315** (13) A1  
(21) PCT/FR00/01284  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) fr (26) fr  
(30) 99/06252 **12 May/mai 1999** FR  
(12.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) ● METHOD FOR DETECTING SCALING IN A COFFEE MAKER  
● METHODE DE DETECTION DE L'ENTARTRAGE D'UNE CAFETIERE
- (71) **SEB S.A.** [FR/FR]; Les 4 M, Chemin du Petit Bois, F-69130 Ecully (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEBRUN, Erik** [FR/FR]; 45, rue de la Traversole, F-65420 Ibos (FR). **NOGUEZ, Jean-Michel** [FR/FR]; 37, rue St Exupéry, La Serre de Sarsan, F-65100 Lourdes (FR).

(74) **KIEHL, Hubert**; SEB Développement, Chemin du Petit Bois, Boîte postale 172, F-69132 Ecully Cedex (FR).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A47J 37/07**

(11) **WO 00/69316** (13) A1

(21) PCT/CA00/00559

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/133,879 **12 May/mai 1999** US  
(12.05.1999)

(30) 09/465,385 **17 Dec/déc 1999** US  
(17.12.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND APPARATUS FOR BAKING FOODS IN A BARBEQUE GRILL  
• PROCEDE ET APPAREIL PERMETTANT DE CUIRE AU FOUR DES ALIMENTS SUR LE GRILL D'UN BARBECUE

(71, 72) **ZUCCARINI, Anthony, Mark** [CA/CA]; 200 Pretoria Avenue, Apartment C-2, Ottawa, Ontario K1S 1X2 (CA).

(74) **EADES, Norris, M.** 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 BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **A47J 37/07**

(11) **WO 00/69317** (13) A1

(21) PCT/EP00/04609

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9911407.6 **18 May/mai 1999** GB  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A PORTABLE COOKING AND/OR HEATING APPARATUS  
• APPAREIL PORTATIF DE CUISSON ET/OU CHAUFFANT

(71, 72) **MCGURGAN, Martin** [GB/GB]; 17 Woodbank Road, Omagh BT79 0NB (GB).

(74) **WINGFIELD, Anne**; F.R. Kelly & Co., 9 University Street, Belfast BT7 1FY (GB).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) 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 SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **A47K 5/05**

(11) **WO 00/69318** (13) A1

(21) PCT/RU00/00165

(22) **5 May/mai 2000 (05.05.2000)**

(25) ru (26) ru

(30) 99109290 **14 May/mai 1999** RU  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SOAP DISH  
• PORTE-SAVON

(71, 72) **BELYAKOV, Vladimir Konstantinovich** [RU/RU]; ul. Demonstratsii, 8-154, Tula, 300000 (RU). **BELYAKOV, Denis Vladimirovich** [RU/RU]; ul. Demonstratsii, 8-154, Tula, 300000 (RU).

(74) **BELYAKOV, Vladimir Konstantinovich**; ul. Demonstratsii, 8-154, Tula, 300000 (RU).

(81) AM AT AU AZ BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IN JP KG KP KR KZ LT LU LV MD MX NO PL PT RO SE TJ TM TR UA US UZ VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **A47K 10/28**

(11) **WO 00/69319** (13) A1

(21) PCT/CH99/00197

(22) **12 May/mai 1999 (12.05.1999)**

(25) de (26) de

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • WINDING ROLLER FOR A TOWEL DISPENSER  
• CYLINDRE D'ENROULEMENT D'UN DISTRIBUTEUR DE SERVIETTE

(71) **CWS INTERNATIONAL AG** [CH/CH]; Oberneuhofstrasse 5, CH-6340 Baar (CH). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FREI, Christian** [CH/CH]; Stein 7, CH-9463 Oberriet (CH). **BESSERER, Patrick** [CH/CH]; Neufeldstrasse 10, CH-9450 Altstätten (CH). **EHRENSPERGER, Markus** [CH/CH]; Weststrasse 3, CH-8442 Hettlingen (CH).

(74) **PPS POLYVALENT PATENT SERVICE AG**; Waldrütistrasse 21, CH-8954 Geroldswil (CH).

(81) AL AU BA BB BG BR CA CN CU CZ EE GD GE GH HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A47L 5/14**

(11) **WO 00/69320** (13) A1

(21) PCT/US00/13372

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 09/312,929 **17 May/mai 1999** US  
(17.05.1999)

(30) 09/406,096 **17 Sep/sep 1999** US  
(17.09.1999)

(30) 09/541,741 **3 Apr/avr 2000** US  
(03.04.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • VACUUM CLEANER APPARATUS AND RETURN SYSTEM FOR USE WITH THE SAME  
• ASPIRATEUR ET SYSTEME DE RETOUR ASSOCIE

(71, 72) **DENG, David** [US/US]; 2688 High Ridge Drive, Chino Hills, CA 91709 (US).

(74) **SLAVIN, Craig, A.**; Henricks, Slavin & Holmes LLP, Suite 200, 840 Apollo Street, El Segundo, CA 90245 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).



- (51)<sup>7</sup> **A47L 13/59**
- (11) **WO 00/69321** (13) A1
- (21) PCT/GB00/01688
- (22) **2 May/mai 2000 (02.05.2000)**
- (25) en (26) en
- (30) 9911296.3 **14 May/mai 1999 GB (14.05.1999)**
- (30) 9917523.4 **26 Jul/juil 1999 GB (26.07.1999)**
- (30) 0007893.1 **31 Mar/mar 2000 GB (31.03.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● MOP PRESS  
● ESSOREUR POUR LAVE-SOL
- (71) **NUMATIC INTERNATIONAL LIMITED** [GB/GB]; 2 Knoll Road, Camberley, Surrey GU15 3SY (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DUNCAN, Christopher, Robert** [GB/GB]; Chilworthy House, Chilworth, Chard, Somerset TA20 3BH (GB). **GAILES, Michael, Edward** [GB/GB]; 2 Paulet Close, Hook, Beaminster, Dorset DT3 3PD (GB).
- (74) **EVANS, David, Charles** et al. / etc.; fJ Cleveland, 40-43 Chancery Lane, London WC2A 1JQ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A47L 17/04**
- (11) **WO 00/69322** (13) A2
- (21) PCT/SI00/00011
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) P-9900118 **17 May/mai 1999 SI (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● MANUAL CLEANING SPONGE  
● EPONGE DE NETTOYAGE MANUEL
- (71, 72) **ŠUŠTERIČ, Mitja** [SI/SI]; Trubarjeva 17, 2000 Maribor (SI). **TERČELJ SCHWEIZER, Robert** [SI/SI]; Kočenska 11, 1113 Ljubljana (SI).
- (74) **PIPAN, Marjan**; Kotnikova 5, 1000 Ljubljana (SI).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61B 1/04, H04N 5/335, G02B 23/24, A61B 1/04, H04N 5/225, G02B 23/26, H04N 7/18, 5/235**
- (11) **WO 00/69324** (13) A1
- (21) PCT/JP00/03132
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) ja (26) ja
- (30) 11/137730 **18 May/mai 1999 JP (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ENDOSCOPE  
● ENDOSCOPE
- (71) **OLYMPUS OPTICAL CO., LTD.** [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DOGUCHI, Nobuyuki** [JP/JP]; 2-9-101, Tamadaira 6-chome, Hino-shi, Tokyo 191-0062 (JP). **KOMATSU, Yasuo** [JP/JP]; 41-15-201, Kitano-machi, Hachioji-shi, Tokyo 192-0906 (JP). **NAKAMURA, Kazunari** [JP/JP]; 17-44, Tatsunodai 3-chome, Zama-shi, Kanagawa 228-0023 (JP). **TAKEHANA, Sakae** [JP/JP]; 14-43, Aihara 2-chome, Sagamihara-shi, Kanagawa 229-1101 (JP). **IMAIZUMI, Katsuichi** [JP/JP]; 34-33-203, Toyoda 3-chome, Hino-shi, Tokyo 191-0053 (JP). **HANAWA, Takayuki** [JP/JP]; 463-17, Ishikawa-machi, Hachioji-shi, Tokyo 192-0032 (JP).
- (74) **ITOH, Susumu**; Musashi Building, 4-4, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61B 1/32**
- (11) **WO 00/69325** (13) A1
- (21) PCT/US00/13045
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 9911001.7 **13 May/mai 1999 GB (13.05.1999)**
- (30) 9918577 **7 Aug/août 1999 GB (07.08.1999)**
- (30) 8828842.5 **6 Dec/déc 1999 GB (06.12.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SPECULUM  
● SPECULUM
- (71, 72) **GEORGE, Samuel** [GB/GB]; 4 Ronneby Close, Weybridge, Surrey KT13 9SB (GB). **HOFTMAN, Moshe** [US/US]; 9410 Desoto Avenue, Chatsworth, CA 91311 (US).
- (74) **BRACKEN, David, T.**; The Law Office of David T. Bracken, 4839 Bond Avenue, Orange, CA 92869 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61B 1/32

(11) WO 00/69326 (13) A1

(21) PCT/US00/09134

(22) 6 Apr/avr 2000 (06.04.2000)

(25) en (26) en

(30) 09/313,143 17 May/mai 1999 US (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • TISSUE RETRACTOR RETENTION BAND

• BANDE DE RETENTION D'ECARTEUR DE TISSUS

(71) APPLIED MEDICAL TECHNOLOGY, INC. [US/US]; 15653 Neo Parkway, Cleveland, OH 44128 (US).

(72) AUSTIN, Gary; 264 East 216, Euclid, OH 44123 (US). AUSTIN, J., Timothy; 9718 Marinique, Concord, OH 44060 (US). PITCHA, George, J.; 6554 Beachwood Drive, Independence, OH 44131 (US).

(74) CORSO, Joseph, J. et al. / etc.; 526 Superior Avenue, East, Suite 1200, Cleveland, OH 44114-1484 (US).

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> A61B 3/10

(11) WO 00/69327 (13) A1

(21) PCT/US00/13155

(22) 13 May/mai 2000 (13.05.2000)

(25) en (26) en

(30) 09/312,294 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • VISUAL TEST UTILIZING COLOR FREQUENCY DOUBLING

• TEST VISUEL PAR DOUBLAGE DE FREQUENCE DES COULEURS

(71) VISIONRX.COM, INC [-/US]; 200 Clearbrook Road, Elmsford, NY 10523 (US).

(72) MCKINNON, Stuart, James; 3754 Bonnybridge Place, Ellicott City, MD 21043 (US). WHITTENBURG, Scott; 6256 Pratt Street, New Orleans, LA 70124 (US). STEWART, Jeffrey; 16 Heronvue, Greenwich, CT 06831 (US).

(74) DE LA ROSA, John; Suite 2411, 67 Wall Street, New York, NY 10005 (US).

(81) AU BR CA CN CZ IL JP KP KR MX NO NZ PL RO SG; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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

(11) WO 00/69328 (13) A1

(21) PCT/DE00/01590

(22) 18 May/mai 2000 (18.05.2000)

(25) de (26) de

(30) 199 22 772.1 18 May/mai 1999 DE (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DEVICE FOR DETERMINING DIFFERENT BLOOD CIRCULATION STATES AND OXYGEN SATURATION IN BLOOD CIRCULATING TISSUES

• DISPOSITIF POUR LA DETERMINATION DE DIFFERENTS ETATS D'IRRIGATION SANGUINE ET DE LA SATURATION EN OXYGENE DE TISSUS CONDUISANT LE SANG

(71) PHISCIENCE GMBH, ENTWICKLUNG VON SENSOREN [DE/DE]; Schützenstr. 41a, D-58239 Schwerte (DE).

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

(72, 75) CHO, Ok-Kyung [KR/DE]; Im Rosengrund 6, D-58239 Schwerte (DE). HOLZGREVE, Birgit [DE/DE]; Grosse Heimstrasse 24, D-44137 Dortmund (DE).

(74) MÜNICH, Wilhelm; Münich & Kollegen, Wilhelm-Mayr-Str. 11, D-80687 München (DE).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

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

(11) WO 00/69329 (13) A1

(21) PCT/US00/12586

(22) 10 May/mai 2000 (10.05.2000)

(25) en (26) en

(30) 09/313,577 12 May/mai 1999 US (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • TISSUE DIAGNOSTICS USING EVANESCENT SPECTROSCOPY

• DIAGNOSTICS EFFECTUES SUR DES TISSUS A L'AIDE D'UNE SPECTROSCOPIE A ONDES EVANESCENTES

(71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA, asrepresented by THE SECRETARY OF THE NAVY [US/US]; Naval Research Laboratory, Code 1008.2, 4555 Overlook Avenue, SW, Washington, DC 20375-5325 (US).

(72) SANGHERA, Jasbinder; 10038 Beacon Pond Lane, Burke, VA 22015 (US). AGGARWAL, Ishwar, D.; 7946 Gambrell Court, Springfield, VA 22153 (US).

(74) EDELBERG, Barry, A.; Associate Counsel (Intellectual Property), Code 1008.2, Naval Research Laboratory, 4555 Overlook Avenue, SW, Washington, DC 20375-5325 (US).

(81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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

(11) WO 00/69330 (13) A1

(21) PCT/US00/13259

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 09/315,000 19 May/mai 1999 US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DENTAL OPTICAL COHERENCE DOMAIN REFLECTOMETRY EXPLORER

• DISPOSITIF D'EXPLORATION DENTAIRE PAR INTERFEROMETRIE A COHERENCE PARTIELLE

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, Oakland, CA 94607-5200 (US).

(72) EVERETT, Matthew, J.; 2566 Regent Road, Livermore, CA 94550 (US). COLSTON, Billy, W.; 551 Lorren Way, Livermore, CA 94550 (US). SATHYAM, Ujwal, S.; 1980 Heidelberg Drive, Livermore, CA 94550 (US). DA SILVA, Luiz, B.; 6270 Stoneridge Mall Road, Pleasanton, CA 94588 (US).

(74) THOMPSON, Alan, H.; P.O. Box 808, L-703, Livermore, CA 94551 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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

(11) WO 00/69331 (13) A1

(21) PCT/US00/13267

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 60/134,412 17 May/mai 1999 US (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DATA PROCESSING SYSTEM FOR PATIENT OUTCOME AND RISK BENCHMARKING AND HEALTHCARE DATA BASE MANAGEMENT

• SYSTEME DE TRAITEMENT DE DONNEES POUR L'ESTIMATION

DES RISQUES ENCOURUS PAR UN PATIENT ET DES RESULTATS PROBABLES CHEZ CE PATIENT ET POUR LA GESTION D'UNE BASE DE DONNEES DE SANTE

(71) **PHARMACON GLOBAL ENTERPRISES, LLC** [US/US]; The Empire State Building, 350 Fifth Avenue, Ste. 5110, New York, NY 10118 (US).

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

(72, 75) **ARNOLD, Renee, J. Goldberg** [US/US]; 60 West 68th Street, Apt. 4D, New York, NY 10023 (US). **PETIT, Krista** [US/US]; 61 East 86th Street, Apt. 31, New York, NY 10028 (US). **HARJONO, Harry** [US/US]; 128 Glenwood Court, Union, NJ 07083 (US). **ZHOU, Yonglong** [US/US]; 104-61, 41 Avenue, Flushing, NY 11368 (US).

(74) **KANIECKI, Diana, J.**; 321 Avenue C, Apt. 10E, New York, NY 10009 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61B 5/00, 1/00**

(11) **WO 00/69332** (13) A1

(21) PCT/US00/13642

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/134,716 **18 May/mai 1999 US (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • OPTICAL BIOPSY SYSTEM

• SYSTEME DE BIOPSIE OPTIQUE

(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) **LENNOX, Charles, D.** [US/US]; 17 Williams Drive, Hudson, NH 03051 (US).

(74) **TWOMEY, Michael, J.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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

(11) **WO 00/69333** (13) A1

(21) PCT/US00/13878

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/314,848 **19 May/mai 1999 US (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • OPTICAL DETECTION OF DENTAL DISEASE USING POLARIZED LIGHT  
• DETECTION OPTIQUE DE MALADIES DENTAIRE AU MOYEN D'UNE LUMIERE POLARISEE

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, Oakland, CA 94607-5200 (US).

(72) **EVERETT, Matthew, J.**; 2566 Regent Road, Livermore, CA 94550 (US). **COLSTON, Billy, W., Jr.**; 551 Lorren Way, Livermore, CA 94550 (US). **SATHYAM, Ujwal, S.**; 1980 Heidelberg Drive, Livermore, CA 94550 (US). **DA SILVA, Luiz, B.**; 6270 Stoneridge Mall Road, Pleasanton, CA 94588 (US). **FRIED, Daniel**; 1200 35th Avenue, San Francisco, CA 94122 (US).

(74) **THOMPSON, Alan, H.**; P.O. Box 808, L-703, Livermore, CA 94551 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **A61B 5/042**

(11) **WO 00/69334** (13) A1

(21) PCT/US00/13133

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/133,984 **13 May/mai 1999 US (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DEVICE FOR THE MAPPING OF CARDIAC ARRHYTHMIA FOCI  
• DISPOSITIF DE CARTOGRAPHIE DE FOYERS D'ARYTHMIE CARDIAQUE

(71) **DAIG CORPORATION** [US/US]; 14901 DeVeau Place, Minnetonka, MN 55345-2126 (US).

(72) **HASSETT, James, A.**; 11327 Louisiana Circle, Bloomington, MN 55438 (US).

(74) **COX, Scott, R.**; Lynch, Cox, Gilman & Mahan, P.S.C., 400 West Market Street, Suite 2200, Louisville, KY 40202 (US).

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **A61B 5/05**

(11) **WO 00/69335** (13) A1

(21) PCT/IL00/00279

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/314,474 **18 May/mai 1999 US (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MEDICAL POSITIONING SYSTEM  
• SYSTEME DE POSITIONNEMENT MEDICAL

(71) **ELBIT SYSTEMS LTD.** [IL/IL]; P.O. Box 359, 31053 Haifa (IL).

(72) **STROMMER, Gera**; 33a Soroka Street, 34759 Haifa (IL). **EICHLER, Uzi**; 12 Zivoni Street, 34657 Haifa (IL).

(74) **KORAKH, Eliav**; Borochoy, Korakh, Eliezi & Co., 15th Floor, Clal Atidim Tower, P.O. Box 58100, 61580 Tel Aviv (IL).

(81) AE AG AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **A61B 5/055**

(11) **WO 00/69336** (13) A1

(21) PCT/US00/13186

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/317,068 **13 May/mai 1999 US (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SODIUM MAGNETIC RESONANCE IMAGING USED IN DIAGNOSING TUMORS AND ASSESSING RESPONSE TO TREATMENT  
• IMAGERIE A RESONANCE MAGNETIQUE AU SODIUM UTILISEE DANS LE DIAGNOSTIC DE TUMEURS ET L'EVALUATION D'UNE REPERSE AU TRAITEMENT

(71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; West 116th Street and Broadway, New York, NY 10027 (US).

(72) **KATZ, Jose**; 11 Highview Court, Closter, NJ 07624 (US). **KLINE, Richard, Paul**; 3333 Henry Hudson Parkway, Apt. 23J, Riverdale, NY 10463 (US). **WU, Edward, X.**; 100 Haven Avenue, Apt. 9F, New York, NY 10032 (US).

(74) **WHITE, John, P.**; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **A61B 5/08, A61M 16/00, G06F 17/00**

(11) **WO 00/69337** (13) A1

(21) PCT/AU00/00450

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) PQ 0331 **13 May/mai 1999 AU (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CPAP AND NIPPV APPARATUS HAVING AUDIO COMMUNICATION  
• APPAREILS CPAP ET NIPPV A SYSTEME DE COMMUNICATIONS AUDIO

(71) **RESMED LIMITED** [AU/AU]; Legal Department, 97 Waterloo Road, North Ryde, NSW 2113 (AU).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VIRR, Alexander** [AU/AU]; 21 North Street, Balmain, NSW 2041 (AU). **WICKHAM, Peter, John, Deacon** [AU/AU]; 20 Hampden Road, Five Dock, NSW 2046 (AU).

(74) **SPRUSON & FERGUSON**; GPO Box 3898, Sydney, NSW 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61B 5/08**

(11) **WO 00/69338** (13) A1

(21) PCT/US00/06712

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/134,195 **14 May/mai 1999 US (14.05.1999)**

(30) 09/329,366 **10 Jun/juin 1999 US (10.06.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND APPARATUS FOR DETERMINING WHETHER AN INTUBATED PATIENT HAS BEEN PROPERLY INTUBATED  
• TECHNIQUE ET APPAREIL PERMETTANT DE DETERMINER SI UN PATIENT INTUBE A ETE CORRECTEMENT INTUBE

(71) **VENTREX, INC.** [US/US]; 159 Gibraltar Road, Horsham, PA 19044 (US).

(72) **PARKER, Frederick, A.**; Pheasant Run, Gwynedo Valley, PA 19437 (US).

(74) **ZEGER, Jim**; 801 N. Pitt Street, #108, Alexandria, VA 22314 (US).

(81) AU BR CA IL JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (a)

(51)<sup>7</sup> **A61B 5/11**

(11) **WO 00/69339** (13) A1

(21) PCT/AU00/00456

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) PQ 4916 **13 May/mai 1999 AU (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MOTION MONITORING APPARATUS  
• DISPOSITIF DE CONTROLE DES MOUVEMENTS

(71, 72) **DUNLOP, Colin** [AU/AU]; 132A Cressy Road, East Ryde, NSW 2113 (AU).

(74) **GRIFFITH HACK**; GPO Box 4164, Sydney, NSW 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61B 8/00, G01N 29/22, G01S 15/00**

(11) **WO 00/69340** (13) A1

(21) PCT/DK00/00266

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) PA 1999 00676 **17 May/mai 1999 DK (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SYSTEM FOR HANDLING OPERATING PARAMETERS FOR A DIAGNOSTIC ULTRASONIC SYSTEM  
• GESTION DE PARAMETRES DE FONCTIONNEMENT POUR SYSTEME DE DIAGNOSTIC PAR ULTRASONS

(71) **B-K MEDICAL A/S** [DK/DK]; Sandtoften 9, DK-2820 Gentofte (DK).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JENSEN, Henrik** [DK/DK]; Mosekæret 6, DK-2880 Bagsværd (DK).

(74) **CHAS.HUDE A/S**; H.C. Andersens Boulevard 33, DK-1780 Copenhagen V (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **A61B 8/12, G10K 11/35, G01S 15/89**

(11) **WO 00/69341** (13) A1

(21) PCT/EP00/04343

(22) **12 May/mai 2000 (12.05.2000)**

(25) de (26) de

(30) 199 22 056.5 **14 May/mai 1999 DE (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • INSTRUMENT FOR MEDICAL PURPOSES  
• INSTRUMENT A USAGE MEDICAL

(71, 72) **LEHR, Heinz** [DE/DE]; Wiesbadener Str. 18, D-14197 Berlin (DE). **NIEDERFELD, Gerhard** [DE/DE]; Pfalzburger Str. 8, D-10719 Berlin (DE).

(74) **EISENFÜHR, SPEISER & PARTNER**; Pacelliallee 43/45, D-14195 Berlin (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

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

(11) **WO 00/69342** (13) A2

(21) PCT/US00/13254

- (22) **15 May/mai 2000 (15.05.2000)**  
 (25) en (26) en  
 (30) 60/134,141 **14 May/mai 1999 US (14.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • KNOT PUSHER  
 • POUSSOIR POUR NOEUDS  
 (71) **SUTURA, INC.** [US/US]; 17080 Newhope Street, Fountain Valley, CA 92708 (US).  
 (72) **NOBLES, Anthony, R.**; 8686 Tern Avenue, Fountain Valley, CA 92708 (US). **CREW, John, R.**; 255 Moncada Way, San Francisco, CA 94127 (US).  
 (74) **NATAUPSKY, Steven, J.**; Knobbe, Martens, Olson & Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660-8016 (US).  
 (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID 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 SI SK SL SJ SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **A61B 17/00**  
 (11) **WO 00/69343** (13) A2  
 (21) PCT/US00/13957  
 (22) **18 May/mai 2000 (18.05.2000)**  
 (25) en (26) en  
 (30) 09/314,278 **18 May/mai 1999 US (18.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • SUTURELESS CLOSURE AND DEPLOYMENT SYSTEM FOR CONNECTING BLOOD VESSELS  
 • SYSTEME DE DEPLOIEMENT ET DE FERMETURE SANS SUTURE POUR CONNECTER DES VAISSEAUX SANGUINS  
 (63) US 09/314,278 (CON)  
 18 May/mai 1999 (18.05.1999)  
 (71) **VASCULAR INNOVATIONS, INC.** [US/US]; 171 Jefferson Drive, Menlo Park, CA 94025 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **VARGAS, Jaime** [US/US]; 879 Clara Drive, Palo Alto, CA 94303 (US). **YENCHO, Stephen** [US/US]; 320 Linfield Drive, Menlo Park, CA 94025 (US). **NIELSEN, Jamey** [US/US]; 163 Hearst Avenue, San Francisco, CA 94131 (US). **HENDRICKSEN,**
- Michael** [US/US]; 612 Cambridge Avenue #4, Menlo Park, CA 94025 (US). **HAUSEN, Bernard** [US/US]; 1024 Mallet Court, Menlo Park, CA 94025 (US).  
 (25) en (26) en  
 (30) 60/134,331 **14 May/mai 1999 US (14.05.1999)**  
 (30) 60/134,572 **17 May/mai 1999 US (17.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • IMPLANT ANCHOR SYSTEMS  
 • SYSTEMES DE FIXATION D'IMPLANT  
 (71) **C.R. BARD, INC.** [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **WEISER, Michael, F.** [US/US]; 515 Martins Pond Road, Groton, MA 01450 (US). **GAMBALE, Richard, A.** [US/US]; 382 Dunstable Road, Tyngsboro, MA 01879 (US). **FORCUCCI, Stephen, J.** [US/US]; 17 Pitcher Avenue, Medford, MA 02155 (US). **FORDE, Sean** [US/US]; 16 Frank Street, Watertown, MA 02472 (US). **KWAN, Kellywan** [US/US]; 45 Sunset Road, Dracut, MA 01826 (US).  
 (74) **PERULLO, John, F.**; Kirkpatrick & Lockhart LLP, 75 State Street, Boston, MA 02109-1808 (US).  
 (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **A61B 17/11, 17/34, 17/32**  
 (11) **WO 00/69346** (13) A1  
 (21) PCT/US00/13958  
 (22) **18 May/mai 2000 (18.05.2000)**  
 (25) en (26) en  
 (30) 09/314,278 **18 May/mai 1999 US (18.05.1999)**  
 (30) 09/440,263 **15 Nov/nov 1999 US (15.11.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • TROCAR FOR USE IN DEPLOYING AN ANASTOMOSIS DEVICE  
 • TROCART SERVANT A DEPLOYER UN DISPOSITIF D'ANASTOMOSE  
 (63) US 09/314,278 (CON)  
 18 May/mai 1999 (18.05.1999)  
 (71) **VASCULAR INNOVATIONS, INC.** [US/US]; 171 Jefferson Drive, Menlo Park, CA 94025 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **VARGAS, Jaime** [US/US]; 879 Clara Drive, Palo Alto, CA 94303 (US). **DONOHUE, Brendan, M.** [US/US]; 145 Dore Street, San Francisco, CA 94103 (US). **ANDERSON, Scott, C.** [US/US]; 548 Cashmere Court, Sunnyvale, CA 94087 (US). **BENDER, Theodore** [US/US]; 2822 Emerson Street, Palo Alto, CA 94306 (US). **YENCHO, Stephen** [US/US]; 320 Linfield Drive, Menlo Park, CA 94025 (US). **HAUSEN, Bernard** [US/US]; 1024 Mallet Court, Menlo Park, CA 94025 (US). **HENDRICKSEN, Michael** [US/US]; 612 Cambridge Avenue No. 4, Menlo Park, CA 94025 (US).
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- (51)<sup>6</sup> **A61B 17/04, 17/12, 17/068**  
 (11) **WO 00/69344** (13) A1  
 (21) PCT/US99/10856  
 (22) **17 May/mai 1999 (17.05.1999)**  
 (25) en (26) en  
 (30) 09/100,393 **19 Jun/juin 1998 US (19.06.1998)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • METHOD AND DEVICE FOR FULL THICKNESS RESECTIONING OF AN ORGAN  
 • METHODE ET DISPOSITIF DE RESECTION TOTALE D'UN ORGANE  
 (71) **BOSTON SCIENTIFIC LIMITED** [US/BB]; The Corporate Center, Bush Hill, Bay Street, St. Michael (BB).  
 (72) **ADAMS, Ronald, D.**; 18 Hillside Drive, Holliston, MA 01746 (US). **SULLIVAN, Roy, H., III**; 23 Meaghan Way, Millville, MA 01529 (US). **MAIN, Lauren, O.**; 14452 Limerick Lane, Somerset, MI 49233 (US). **KRATSCHE, Peter, K.**; 1301 NW 129 Way, Sunrise, FL 33323 (US). **NUNEZ, George, A.**; 10820 SW 120 Street, Miami, FL 33176 (US). **KORTENBACH, Jurgen, A.**; 990 Apache Street, Miami Springs, FL 33166 (US). **SOLAR, Matthew, S.**; 10520 Buenos Aires Street, Cooper City, FL 33026 (US). **BUSS, Gerhard, F.**; Klostermuhle 7, D-72074 Tubingen-Bebenhausen (DE). **SCHURR, Marc, O.**; Viktor-Renner-Strasse 1-9, D-72074 Tubingen (DE).  
 (74) **BRAINARD, Charles, R.** et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).  
 (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **A61B 17/08**  
 (11) **WO 00/69345** (13) A1  
 (21) PCT/US00/13118  
 (22) **12 May/mai 2000 (12.05.2000)**

(74) **PETERSON, James, W.**; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61B 17/16**

(11) **WO 00/69347** (13) A1

(21) PCT/US00/11921

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) 60/133,880 **12 May/mai 1999 US (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CORRUGATED OSTEOTOME BLADE AND METHOD OF SEVERING BONES AND OTHER ANATOMICAL STRUCTURES

• LAME ONDULEE D'OSTEOTOME ET PROCEDE DE SECTIONNEMENT D'OS ET D'AUTRES STRUCTURES ANATOMIQUES

(71) **MEDICAL STERILE PRODUCTS, INC.** [US/US]; P.O. Box 338, Rincon, Puerto Rico 00677 (US).

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

(72, 75) **JENKINSON, Edwin, O.** [US/US]; 601 West 21st Avenue, Covington, LA 70433 (US).

(74) **SHAPIRO, Stuart, B.** et al. / etc.; Epstein, Edell & Retzer, Suite 400, 1901 Research Boulevard, Rockville, MD 20850 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **A61B 17/22, 17/32**

(11) **WO 00/69348** (13) A1

(21) PCT/US00/13732

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/313,679 **18 May/mai 1999 US (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FLUID JET SURGICAL INSTRUMENTS

• INSTRUMENTS CHIRURGICAUX A JET DE FLUIDE

(71) **HYDROCISION, INC.** [US/US]; 100 Burr Road, Suite G01, Andover, MA 01810 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOUTAFIS, Timothy, E.** [US/US]; 4 Tucker Street, Gloucester, MA 01930 (US).

**STAID, Kevin** [US/US]; 51 Berwick Street, Lowell, MA 01852 (US). **FREEMAN, Donald, C., Jr.** [US/US]; 23 Arborwood, Burlington, MA 01803 (US).

(74) **OYER, Timothy, J.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **A61B 17/32**

(11) **WO 00/69349** (13) A1

(21) PCT/US00/13959

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/314,278 **18 May/mai 1999 US (18.05.1999)**

(30) 09/440,263 **15 Nov/nov 1999 US (15.11.1999)**

(30) 09/542,976 **4 Apr/avr 2000 US (04.04.2000)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • TISSUE PUNCH

• POINÇON A TISSU

(63) US 09/314,278 (CON) 18 May/mai 1999 (18.05.1999)

(71) **VASCULAR INNOVATIONS, INC.** [US/US]; 171 Jefferson Drive, Menlo Park, CA 94025 (US).

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

(72, 75) **VARGAS, Jaime** [US/US]; 879 Clara Drive, Palo Alto, CA 94303 (US).

**DONOHUE, Brendan, M.** [US/US]; 145 Dore Street, San Francisco, CA 94103 (US).

**ANDERSON, Scott, C.** [US/US]; 548 Cashmere Court, Sunnyvale, CA 94087 (US).

**BENDER, Theodore** [US/US]; 2822 Emerson Street, Palo Alto, CA 94306 (US).

**YENCHO, Stephen** [US/US]; 320 Linfield Drive, Menlo Park, CA 94025 (US).

**HAUSEN, Bernard** [US/US]; 1024 Mallet Court,

Menlo Park, CA 94025 (US). **HENDRICK-SEN, Michael** [US/US]; 612 Cambridge Avenue No. 4, Menlo Park, CA 94025 (US).

(74) **PETERSON, James, W.**; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61B 17/34**

(11) **WO 00/69350** (13) A1

(21) PCT/US00/13767

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/314,878 **19 May/mai 1999 US (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SYSTEM AND METHOD FOR ESTABLISHING VASCULAR ACCESS

• SYSTEME ET PROCEDE D'ETABLISSEMENT D'ACCES VASCULAIRE

(63) US 09/314,878 (CON) 19 May/mai 1999 (19.05.1999)

(71) **INNERDYNE, INC.** [US/US]; 1244 Reamwood Avenue, Sunnyvale, CA 94089 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARLSON, John, E.** [US/US]; 6088 Glen Harbor Drive, San Jose, CA 95123 (US). **TSUJI, Craog, K.** [US/US]; 3419 Cadillac Drive, San Jose, CA 94117 (US).

**HARRIS, Scott, T.** [US/US]; 7948 Camino Tranquillo, San Diego, CA 92122 (US).

**ORTH, Michael, J.** [US/US]; 15875 Walter Breton Drive, Morgan Hill, CA 95037 (US).

(74) **HESLIN, James, M.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th Floor, Two Embarcadero Center, San Francisco, CA 94111 (US).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **A61B 17/70, 17/80**

(11) **WO 00/69351** (13) A1

(21) PCT/CH99/00203

(22) **14 May/mai 1999 (14.05.1999)**

(25) de (26) de

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • BONE FIXATION DEVICE WITH A ROTATION JOINT

- DISPOSITIF DE FIXATION OSSEUSE DOTE D'UNE ARTICULATION ROTOIDE

(71) **SYNTHES AG CHUR** [CH/CH]; Grabenstrasse 15, CH-7002 Chur (CH).

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

(71) **SYNTHES (U.S.A.)** [US/US]; 1690 Russell Road, P.O. Box 1766, Paoli, PA 19301-1222 (US).

(only for / seulement pour CA)

(72, 75) **SCHLÄPFER, Fridolin, J.** [CH/CH]; Leimen, CH-8750 Glarus (CH). **HESS, Martin** [CH/CH]; Schützenstrasse 2, CH-4434 Hölstein (CH).

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

(81) AU CA CN JP NZ US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **A61B 17/82, 17/86**

(11) **WO 00/69352** (13) A1

(21) PCT/DE00/01583

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 716.0 **18 May/mai 1999 DE (18.05.1999)**

(30) 199 38 916.0 **17 Aug/août 1999 DE (17.08.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SCREW FOR FIXING BONE FRACTURES

- VIS POUR FIXATION DE FRACTURES OSSEUSES

(71) **MERETE MANAGEMENT GMBH** [DE/DE]; Fasanenstrasse 51, D-10719 Berlin (DE).

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

(72, 75) **ANAPLIOTIS, Emanuel** [DE/DE]; Kibitzweg 5, D-14195 Berlin (DE).

(81) CA JP KR RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **A61B 18/00**

(11) **WO 00/69353** (13) A1

(21) PCT/US00/12899

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 09/311,686 **13 May/mai 1999 US (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD OF MAGNETICALLY NAVIGATING MEDICAL DEVICES WITH MAGNETIC FIELDS AND GRADIENTS, AND MEDICAL DEVICES ADAPTED THEREFOR

- PROCEDE DE NAVIGATION MAGNETIQUE DE DISPOSITIFS MEDICAUX AVEC DES CHAMPS ET DES GRADIENTS MAGNETIQUES ET DISPOSITIFS MEDICAUX DE MISE EN OEUVRE

(71) **STEREOTAXIS, INC.** [US/US]; 4041 Forrest Park Avenue, St. Louis, MO 63108 (US).

(72) **HALL, Andrew, F.**; 5184 Rosemont Drive, St. Charles, MO 63304 (US). **HASTINGS, Roger, N.**; 7013 Carey Lane, Maple Grove, MN 55369 (US). **RITTER, Rogers, C.**; 117 Chestnut Ridge Road, Charlottesville, VA 22911 (US).

(74) **WHEELOCK, Bryan, K.**; Suite 1400, 7733 Forsyth Boulevard, St. Louis, MO 63105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61B 19/00, B66F 11/04, F16M 11/12, F21M 1/00**

(11) **WO 00/69354** (13) A1

(21) PCT/CA00/00562

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 2,272,040 **13 May/mai 1999 CA (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CONTROLLABLE CAMERA SUPPORT AND SYSTEM

- SUPPORT DE CAMERA REGLABLE ET SYSTEME Y RELATIF

(71) **ECOLE POLYTECHNIQUE** [CA/CA]; C.P. 6079 Succursale centre-ville, Montréal, Québec H3C 3A7 (CA). **UNIVERSITE DE MONTREAL** [CA/CA]; C.P. 6128, Succursale Centre-Ville, Montréal, Québec H3C 3J7 (CA). **CENTRE HOSPITALIER DE L'UNIVERSITE DE MONTREAL** [CA/CA]; Campus Hôtel-Dieu, 3850, Rue Saint-Urbain, Montréal, Québec H2W 1T8 (CA).

(72) **DUBE, Luc**; 4036 Odélie, Laval, Québec H7R 5X4 (CA). **LEVESQUE, Glen**; 4401 Linton, Apt.09, Montréal, Québec H3S 1T5 (CA). **HURTEAU, Richard**; 4689 Brébeuf, Montréal, Québec H2J 3L2 (CA). **MATHIEU, Pierre, A.**; 4646 Coolbrook, Montréal, Québec H3X 2K6 (CA).

(74) **ROBIC**; 55, St-Jacques, Montréal, Québec H2Y 3X2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **A61B 19/00, A61F 2/08**

(11) **WO 00/69355** (13) A1

(21) PCT/US00/12936

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 09/312,203 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • BIOENGINEERED ANTERIOR CRUCIATE LIGAMENT

- LIGAMENT CROISE ANTERIEUR FABRIQUE PAR BIO-INGENIERIE

(71, 72) **ALTMAN, Gregory** [US/US]; 90 North Street, Medford, MA 02155 (US).

(72) **KAPLAN, David**; 46 Pond Street, Concord, MA 01742 (US). **VUNJAK-NOVAKOVIC, Gordana**; 115 Oakley Road, Belmont, MA 02478 (US). **MARTIN, Ivan**; Kirchgasse 4, CH-4104 Oberwil (CH).

(74) **FARRELL, Kevin, M.**; P.O. Box 999, York Harbor, ME 03911 (US).

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>6</sup> **A61C 3/00**

(11) **WO 00/69356** (13) A1

(21) PCT/US99/23574

(22) **8 Oct/oct 1999 (08.10.1999)**

(25) en (26) en

(30) 09/313,289 **13 May/mai 1999 US (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • TOOTH PATH TREATMENT PLAN

- PLAN DE TRAITEMENT D'ALIGNEMENT DES DENTS

(71) **ALIGN TECHNOLOGY, INC.** [US/US]; 442 Potrero Avenue, Sunnyvale, CA 94086 (US).

(72) **CHISHTI, Muhammad, Ziaullah, Khan**; 972 Corte Madera Avenue #302, Sunnyvale, CA 94086 (US). **WEN, Huafeng**; 2117 Gossamer Avenue, Redwood Shores, CA 94065 (US).

(74) **TRAN, Bao, Q.**; Fish & Richardson P.C., Suite 100, 2200 Sand Hill Road, Menlo Park, CA 94025-6936 (US).

- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>6</sup> **A61C 3/00**
- (11) **WO 00/69357** (13) A1
- (21) PCT/US99/23575
- (22) **8 Oct/oct 1999 (08.10.1999)**
- (25) en (26) en
- (30) 09/313,290 **13 May/mai 1999** US  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **TEETH VIEWING SYSTEM**  
● **SYSTEME DE VISUALISATION DE DENTS**
- (71) **ALIGN TECHNOLOGY, INC.** [US/US]; 442 Potrero Avenue, Sunnyvale, CA 94086 (US).
- (72) **CHISHTI, Muhammad, Ziaullah, Khan;** 972 Corte Madera Avenue #302, Sunnyvale, CA 94086 (US). **BENTON, Phillips, Alexander;** 222 B. Gladys Avenue, Mountain View, CA 94043 (US).
- (74) **TRAN, Bao, Q.;** Fish & Richardson P.C., Suite 100, 2200 Sand Hill Road, Menlo Park, CA 94025-6936 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **A61C 3/00**
- (11) **WO 00/69358** (13) A1
- (21) PCT/US00/12985
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/313,291 **13 May/mai 1999** US  
(13.05.1999)
- (30) Not furnished / **20 Apr/avr 2000** US  
non communiqué (20.04.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **SYSTEM FOR DETERMINING FINAL POSITION OF TEETH**
- **SYSTEME POUR DETERMINER LA POSITION DEFINITIVE DES DENTS**
- (71) **ALIGN TECHNOLOGY, INC.** [US/US]; 442 Potrero Avenue, Sunnyvale, CA 94086 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHISHTI, Muhammad, Ziaullah, Khan** [US/US]; 972 Corte Madera Avenue #302, Sunnyvale, CA 94086 (US). **BEERS, Andrew, C.** [US/US]; 141 Wellsley Crescent Circle #302, Redwood City, CA 94062 (US).
- (74) **DUNNING, Richard, A., Jr.;** Fish & Richardson P.C., 2200 Sand Hill Road #100, Menlo Park, CA 94025 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **A61C 3/00**
- (11) **WO 00/69359** (13) A1
- (21) PCT/US00/13152
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/313,013 **17 May/mai 1999** US  
(17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **MEDICAL INSTRUMENTS AND DEVICES AND PARTS THEREOF USING SHAPE MEMORY ALLOYS**  
● **INSTRUMENTS ET DISPOSITIFS MEDICAUX ET PIECES DE CEUX-CI DANS LESQUELS DES ALLIAGES A MEMOIRE DE FORME SONT UTILISES**
- (71) **MEMORY CORPORATION** [US/US]; 57 Commerce Street, Brookfield, CT 06804 (US).
- (74) **COHEN, Jerry** et al. / etc.; Perkins, Smith & Cohen, LLP, One Beacon Street, Boston, MA 02108 (US).
- (81) AU CA CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)<sup>7</sup> **A61C 5/06, 7/02, B05C 17/005**
- (11) **WO 00/69360** (13) A1
- (21) PCT/US99/20752
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 09/311,245 **13 May/mai 1999** US  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **METHOD AND APPARATUS FOR APPLYING A BONDING AGENT TO AN ORTHODONTIC BAND**  
● **APPLICATEUR DE COLLE POUR BAGUE D'ORTHODONTIE ET PROCEDE CORRESPONDANT**
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **KHACHATOORIAN, Armineh;** P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **BRENNAN, Joan, V.;** P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **KELLY, John, S.;** P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **HOEVEL, Kenneth, E.;** P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **JORDAN, Russell, A.;** P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **CHRISTOFF, James, D.** et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **A61C 8/00**
- (11) **WO 00/69361** (13) A1
- (21) PCT/US00/12897
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 09/311,464 **13 May/mai 1999** US  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **IMPLANT SYSTEM**  
● **SYSTEME D'IMPLANT**
- (71, 72) **FREILICH, Martin, A.** [US/US]; 40 Middlefield Drive, West Hartford, CT 06107 (US). **DUNCAN, Jacqueline, P.** [US/US]; 3 Douglas Drive, Granby, CT 06035 (US). **GOLDBERG, A., Jon** [US/US]; 30 Berwyn Road, West Hartford, CT 06107 (US). **BURSTONE, Charles, J.** [US/US]; 252 Old Mountain Road, Farmington, CT 06032 (US).
- (74) **KELLY, Clifford, P.** et al. / etc.; Alix, Yale & Ristas, LLP, 750 Main Street, Hartford, CT 06103 (US).



(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61C 13/00

(11) WO 00/69362 (13) A1

(21) PCT/US00/13050

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/134,004 13 May/mai 1999 US (13.05.1999)

(30) 09/570,163 11 May/mai 2000 US (11.05.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A PASSIVE DELIVERY SYSTEM USING DENTAL APPLIANCES

• SYSTEME D'ADMINISTRATION PASSIVE UTILISANT DES APPAREILS DENTAIRE

(71) MEDWRAP CORP. [US/US]; Suite 116, 300 Corporate Parkway, North Amherst, NY 14226 (US).

(72) DOBOS, John, A.; 7 Shire South Drive, East Amherst, NY 14051 (US).

(74) FUIERER, Marianne et al. / etc.; Law Offices of Howard M. Ellis, Suite 104, 200 John James Audubon Parkway, Amherst, NY 14228 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61C 15/04

(11) WO 00/69363 (13) A1

(21) PCT/CH00/00265

(22) 12 May/mai 2000 (12.05.2000)

(25) de (26) de

(30) 925/99 15 May/mai 1999 CH (15.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • TEETH CLEANING MEANS

• ARTICLE DE NETTOYAGE DENTAIRE

(71) CORTEX HÜMBELIN AG [CH/CH]; Im Bifang 7, CH-5102 Ruppertswil (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BUZZI, Carlo, A. [CH/CH]; Ankers-trasse 110, CH-8004 Zürich (CH).

(74) FELDMANN AG; Kanalstrasse 17, CH-8152 Glattbrugg (CH).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DE (Utility model / modèle d'utilité) 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61F 2/00

(11) WO 00/69364 (13) A2

(21) PCT/US00/13707

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 09/314,278 18 May/mai 1999 US (18.05.1999)

(30) 09/437,428 15 Nov/nov 1999 US (15.11.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • IMPLANTABLE MEDICAL DEVICE SUCH AS AN ANASTOMOSIS DEVICE

• DISPOSITIF MEDICAL IMPLANTABLE TEL QU'UN DISPOSITIF D'ANASTOMOSE

(63) US 09/314,278 (CON)  
18 May/mai 1999 (18.05.1999)

(71) VASCULAR INNOVATIONS, INC. [US/US]; 171 Jefferson Drive, Menlo Park, CA 94025 (US).

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

(72, 75) VARGAS, Jaime [US/US]; 879 Clara Drive, Palo Alto, CA 94303 (US). NIELSEN, James, T. [US/US]; 163 Hearst Avenue, San Francisco, CA 94131 (US). HENDRICKSEN, Michael [US/US]; 612 Cambridge Avenue, No. 4, Menlo Park, CA 94025 (US). DONOHOE, Brendan, M. [US/US]; 145 Dore Street, San Francisco, CA 94103 (US). YENCHO, Stephen [US/US]; 320 Linfield Drive, Menlo Park, CA 94025 (US). HAUSEN, Bernard [US/US]; 1024 Mallet Court, Menlo Park, CA 94025 (US).

(74) PETERSON, James, W.; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F 2/02

(11) WO 00/69365 (13) A2

(21) PCT/US00/13058

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/134,250 13 May/mai 1999 US (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • APPARATUS AND METHODS FOR CLOSING SEPTAL DEFECTS AND OCCLUDING BLOOD FLOW

• APPAREIL ET PROCEDES D'OBTURATION DE COMMUNICATIONS SEPTALES ET OCCLUSION DE DEBIT SANGUIN

(71) ST. JUDE MEDICAL CARDIOVASCULAR GROUP, INC. [US/US]; Suite 202, 701 Decatur Avenue North, Minneapolis, MN 55427 (US).

(72) BERG, Todd, Allen; 1517 Broken Oak Court, Lino Lakes, MN 55038 (US). PETERSON, Alex, A.; 17650 82nd Way North, Maple Grove, MN 55311 (US). SWANSON, William, J.; 1583 Northrup Street, St. Paul, MN 55108 (US). HINDRICH, Paul, J.; 12820 34th Avenue N., Plymouth, MN 55441 (US).

(74) JACKSON, Robert, R. 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F 2/06

(11) WO 00/69366 (13) A1

(21) PCT/FR00/01333

(22) 17 May/mai 2000 (17.05.2000)

(25) fr (26) fr

(30) 99/06538 18 May/mai 1999 FR (18.05.1999)

- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TUBULAR STENT-TYPE ENDOPROSTHESIS WITH A SLIGHT RESISTANCE TO CRUSHING  
• ENDOPROTHESE DU TYPE STENT TUBULAIRE A FAIBLE RESISTANCE A L'ECRASEMENT
- (71, 72) **LEFEBVRE, Jean-Marie** [FR/FR]; 23 Bis, rue de Gand, F-59800 Lille (FR).
- (74) **HENNION, Jean-Claude**; Cabinet Beau de Loménie, 37, rue du Vieux-Faubourg, F-59800 Lille (FR).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **A61F 2/06**
- (11) **WO 00/69367** (13) A1
- (21) PCT/US00/13126
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/311,965 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • IMPLANTABLE LUMEN PROSTHESIS  
• PROTHESE IMPLANTABLE ADAPTEE POUR UNE LUMIERE
- (63) US 09/311,965 (CIP)  
14 May/mai 1999 (14.05.1999)
- (71) **BOSTON SCIENTIFIC CORPORATION** [US/US]; One Boston Scientific Place, Natick, MA 01760-1537 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **STRECKER, Ernst, Peter** [US/DE]; Vierordt Strasse 7A, D-76228 Karlsruhe (DE).
- (74) **HOOVER, Thomas, O.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61F 2/06**
- (11) **WO 00/69368** (13) A2
- (21) PCT/US00/13570
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/313,780 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SELF-EXPANDING STENT WITH ENHANCED DELIVERY PRECISION AND STENT DELIVERY SYSTEM  
• EXTENSEUR AUTOEXTENSIBLE A PRECISION D'IMPLANTATION AMELIOREE ET SYSTEME D'IMPLANTATION
- (71) **ADVANCED CARDIOVASCULAR SYSTEMS, INC.** [US/US]; 3200 Lakeside Drive, Santa Clara, CA 95054-2807 (US).
- (72) **STACK, Richard, S.**; 106 Alder Place, Chapel Hill, NC 27514 (US). **COX, Daniel, L.**; 191 Washington Avenue, Palo Alto, CA 94301 (US). **FITZ, Matthew, J.**; 1239 P Henderson Avenue, Sunnyvale, CA 94086 (US). **TARAPATA, Christopher, J.**; 3159 Merced Court, Santa Clara, CA 95051 (US).
- (74) **MAHER, Pamela, G.** et al. / etc.; Fulwider Patton Lee & Utecht, LLP, 10th floor, 10877 Wilshire Boulevard, Los Angeles, CA 90024 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61F 2/12**
- (11) **WO 00/69369** (13) A1
- (21) PCT/IE00/00064
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) S990393 **14 May/mai 1999 IE (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A KIT AND METHOD FOR SEALING ELASTOMERIC TUBING  
• DISPOSITIF ET PROCEDE DE SCELLEMENT D'UN TUBE ELASTOMERE
- (71) **MEDISYN TECHNOLOGIES LIMITED** [IE/IE]; Killbride Industrial Estate, Arklow, County Wicklow (IE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MURPHY, Murtagh, Martin** [IE/IE]; 6 Ashgrove, Arklow, County Wicklow (IE). **WILSON, Peter, Vincent** [IE/IE]; 3 Newpark Lodge, Foxrock, Dublin 16 (IE).
- (74) **GATES, Marie, Christina, Esther** et al. / etc.; Tomkins & Co., 5 Dartmouth Road, Dublin 6 (IE).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **A61F 2/16**
- (11) **WO 00/69370** (13) A1
- (21) PCT/US00/12735
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 09/312,566 **14 May/mai 1999 US (14.05.1999)**
- (30) 09/489,069 **21 Jan/jan 2000 US (21.01.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • IRIS FIXATED INTRAOCULAR LENS AND INSTRUMENT FOR ATTACHING SAME TO AN IRIS  
• LENTILLE INTRAOCULAIRE FIXEE A L'IRIS ET INSTRUMENT DE FIXATION DE CELLE-CI A UN IRIS
- (71, 72) **VALDEMAR, Portney** [US/US]; 11940 N. Rivera, Tustin, CA 92680 (US).
- (74) **HACKLER, Walter, A.**; Law Offices, 2372 S.E. Bristol, Suite B, Newport Beach, CA 92660 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61F 2/32**
- (11) **WO 00/69371** (13) A1
- (21) PCT/SK00/00007
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) PV 0635-99 **13 May/mai 1999 SK (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CEMENTLESS TOTAL REPLACEMENT OF THE HUMAN HIP JOINT  
• REMPLACEMENT TOTAL ET SANS CIMENT DE L'ARTICULATION DE LA HANCHE HUMAINE
- (71, 72) **ŽITŇANSKÝ Marcel** [SK/SK]; Račianska 63, 831 02 Bratislava (SK). **REHÁK, Ľuboš** [SK/SK]; Bajzova 14, 821 08 Bratislava (SK). **MAKAI, Frantisek** [SK/SK]; Zrúnskeho 7, 811 03 Bratislava (SK).

(74) **NEUSCHL, Jozef**; Rott, Ruzicka & Guttmann, Patentová, známková a právna kancelária, v.o.s., Pionierska 15, 831 02 Bratislava (SK).

(81) BG CA CZ HR HU JP PL RU SI UA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **A61F 2/36**

(11) **WO 00/69372** (13) A1

(21) PCT/DE00/01545

(22) **12 May/mai 2000 (12.05.2000)**

(25) de (26) de

(30) 299 08 391.8 **14 May/mai 1999 DE (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **JOINT PROSTHESIS SYSTEM**

• **SYSTEME DE PROTHESE ARTICULAIRE**

(71) **MERETE MANAGEMENT GMBH** [DE/DE]; Fasanenstrasse 51, D-10719 Berlin (DE).

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

(72, 75) **ANAPLIOTIS, Emanuel** [DE/DE]; Kibitzweg 5, D-14195 Berlin (DE).

(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **A61F 2/42**

(11) **WO 00/69373** (13) A1

(21) PCT/IB00/00638

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) BO99A000253 **13 May/mai 1999 IT (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **A PROSTHESIS DEVICE FOR HUMAN ARTICULATIONS, IN PARTICULAR FOR THE ANKLE ARTICULATION**

• **PROTHESE POUR LES ARTICULATIONS DE L'HOMME, EN PARTICULIER, POUR LA CHEVILLE**

(71) **ISTITUTI ORTOPEDICI RIZZOLI** [IT/IT]; Via di Barbiano, 1/10, I-40136 Bologna (IT).

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

(71, 72) **O'CONNOR, J., John** [IE/GB]; 9 Beaumont Road, Oxford OX3 8JN (GB).

(72, 75) **LEARDINI, Alberto** [IT/IT]; Via Don Bedetti, 3, I-40129 Bologna (IT). **GIANINI, Sandro** [IT/IT]; Piazza D'Azeglio, 7, I-55049 Viareggio (IT). **CATANI, Fabio** [IT/IT]; Via Vicenza, 4, I-40139 Bologna (IT).

(74) **LANZONI, Luciano**; Bugnion S.p.A., Via Goito, 18, I-40126 Bologna (IT).

(81) AE AU BG BR CA CN CZ HR HU IL JP NO NZ PL RU SG TR US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **A61F 2/44**

(11) **WO 00/69374** (13) A1

(21) PCT/US00/05723

(22) **3 Mar/mar 2000 (03.03.2000)**

(25) en (26) en

(30) 09/311,431 **13 May/mai 1999 US (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **ALLOPLASTIC VERTEBRAL DISK REPLACEMENT**

• **REPLACEMENT DE DISQUE VERTEBRAL ALLOPLASTIQUE**

(71) **BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS** [US/US]; University of Arkansas, 2404 North University Avenue, Little Rock, AR 72207-3608 (US).

(72) **EATON, L., Daniel**; 14320 Jerome Drive, Little Rock, AR 72212 (US).

(74) **COX, Ray, F.** et al. / etc.; Wright, Lindsey & Jennings, LLP, Suite 2200, 200 West Capitol, Little Rock, AR 72201-3699 (US).

(81) AU CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (a)

(51)<sup>7</sup> **A61F 2/54**

(11) **WO 00/69375** (13) A1

(21) PCT/US00/13811

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/134,882 **19 May/mai 1999 US (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **DEXTEROUS PROSTHETIC HAND**

• **MAIN PROTHETIQUE OPERANT AVEC DEXTERITE**

(71) **RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY** [US/US]; Office of Corporate Liaison & Technology Transfer, Administrative Services Building, Annex II, P.O. Box 1179, Piscataway, NJ 08855-1179 (US).

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

(72, 75) **CRAELIUS, William** [US/US]; 13 Cortland Drive, Somerset, NJ 08873 (US). **FLINT, James, A.** [US/US]; 358 Coles Mill Road, Williamstown, NJ 08094 (US).

(74) **PLEVY, Arthur, L.**; Buchanan Ingersoll PC, 650 College Road East, Princeton, NJ 08540 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61F 5/00**

(11) **WO 00/69376** (13) A1

(21) PCT/US00/13703

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/134,672 **18 May/mai 1999 US (18.05.1999)**

(30) 09/571,080 **15 May/mai 2000 US (15.05.2000)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **SURGICAL WEIGHT CONTROL DEVICE**

• **DISPOSITIF CHIRURGICAL DE CONTROLE DU POIDS**

(71) **SILHOUETTE MEDICAL INC.** [US/US]; 687 North Pastoria Drive, Sunnyvale, CA 94086 (US).

(72) **EDWARDS, Stuart, D.**; 658 Westbridge Drive, Portola Valley, CA 94028 (US).

(74) **SWERNOFSKY LAW GROUP**; P.O. Box 390013, Mountain View, CA 94039-0013 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>6</sup> **A61F 5/451, A41B 13/04**

(11) **WO 00/69377** (13) A1

(21) PCT/JP99/02569

(22) **17 May/mai 1999 (17.05.1999)**

(25) ja (26) ja

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **NURSING UNDERPANTS DEVICE**

• **DISPOSITIF DE CALEÇON DE SOINS**

(71, 72) **KIMOTO, Hajime** [JP/JP]; 3-3, Bieicho Honmati 4-chome, Kamikawa-gun, Hokkaido 071-0200 (JP).

- (74) **MURAKAMI, Hiroshi** et al. / etc.; 6-21, Motomachi- St 4-chome, Chuo-ku, Kobe, Hyogo 650-0022 (JP).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61F 13/00**
- (11) **WO 00/69378** (13) A1
- (21) PCT/US00/11172
- (22) **26 Apr/avr 2000 (26.04.2000)**
- (25) en (26) en
- (30) 09/311,041 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **INHERENT HEALING ACCELERATOR**  
• **ACCELERATEUR DE CICATRISATION**
- (63) US 09/311,041 (CON)  
13 May/mai 1999 (13.05.1999)
- (71) **BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS** [US/US]; University of Arkansas, 2404 North University Avenue, Little Rock, AR 72207-3608 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EATON, L., Daniel** [US/US]; 14320 Jerome Drive, Little Rock, AR 72212 (US).
- (74) **COX, Ray, F.** et al. / etc.; Wright, Lindsey & Jennings LLP, Suite 2200, 200 West Capitol Avenue, Little Rock, AR 72201-3699 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61F 13/02**
- (11) **WO 00/69379** (13) A1
- (21) PCT/BR00/00045
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) PI 9901888-8 **12 May/mai 1999 BR (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **SKIN ADHESIVE TAPE**  
• **BANDE ADHESIVE S'APPLIQUANT SUR LA PEAU**
- (71) **JOHNSON & JOHNSON INDÚSTRIA E COMÉRCIO LTDA** [BR/BR]; Rua Gerivativa, 207, CEP-05501-900 São Paulo, SP (BR). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DE CARVALHO SCAMILLA ALEDO, Maria, Aparecida** [BR/BR]; Rua Visconde de Ouro Preto, 237, CEP-12242-040 São José dos Campos, SP (BR). **SERRANO, Luiz, Antonio** [BR/BR]; Rua Marcondes Flores, 555, CEP-08900-000 Guararema, SP (BR). **DE OLIVEIRA, D'Artagnan, Silva** [BR/BR]; Av. Cidade Jardim, 2700 - ap. 11-1, CEP-12233-002 São José dos Campos, SP (BR). **BITANTES, Redemptor, S.** [PH/PH]; 18E Faustino Street, Isidora Hills Subdivision, Don Antonio Heights, Quezon City (PH). **CRUZ, Dante, S.** [PH/PH]; 8-20 Juana 3A Complex, Binan, Laguna (PH). **MARAMBA, Fernando, M.** [PH/PH]; 33 Cupang Muntinlupa City (PH).
- (74) **ARNAUD, Antonio, M., P.** et al. / etc.; 7th floor, Rua José Bonifácio, 93, CEP-01003-901 São Paulo, SP (BR).
- (81) AE AL AU BA BB BG CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **A61F 13/15**
- (11) **WO 00/69381** (13) A1
- (21) PCT/US00/12702
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 99108659.6 **14 May/mai 1999 EP (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **DISPOSABLE ABSORBENT ARTICLE COMBINING LOW VISCOSITY LIQUID HANDLING AND HIGH VISCOSITY LIQUID HANDLING**  
• **ARTICLE ABSORBANT JETABLE COMBINANT UNE GESTION DES LIQUIDES A FAIBLE VISCOSITE ET UNE GESTION DE LIQUIDES A HAUTE VISCOSITE**
- (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) **LANKHOF, John, Peter** [NL/DE]; Lessing Strasse 31, D-65779 Kelkheim (DE). **SCHMIDT, Mattias** [DE/DE]; Altkoenigweg 3, D-65510 Idstein (DE).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (74) **Carola, Elke, Beatrice** [DE/DE]; Nebenstrasse 8, D-65529 Waldems-Bermbach (DE).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **A61F 13/15**
- (11) **WO 00/69380** (13) A1
- (21) PCT/US00/12693
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 99108658.8 **14 May/mai 1999 EP (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **DISPOSABLE ABSORBENT ARTICLE HAVING REDUCED IMPACT ON SURFACE TENSION OF ACQUIRED LIQUID**  
• **ARTICLE ABSORBANT JETABLE AYANT UNE INFLUENCE REDUITE SUR LA TENSION SUPERFICIELLE D'UN LIQUIDE ACQUIS**
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter and Gamble Plaza, Cincinnati, OH 45202 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MUSCAT, Andreas** [DE/DE]; Avriille Strasse 7, D-65824 Schwalbach (DE). **SCHMIDT, Mattias** [DE/DE]; Altkoenigweg 3, D-65510 Idstein (DE). **OLSCHEWSKI,**

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61F 13/15

(11) WO 00/69382 (13) A1

(21) PCT/US00/12703

(22) 9 May/mai 2000 (09.05.2000)

(25) en (26) en

(30) 99108657.0 14 May/mai 1999 EP (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DISPOSABLE ABSORBENT ARTICLE HAVING HYDROPHOBIC TOPSHEET AND IMPROVED LIQUID HANDLING PERFORMANCE

• ARTICLE ABSORBANT JETABLE DOTE D'UNE FEUILLE SUPERIEURE HYDROPHOBE ET PRESENTANT DES PERFORMANCES AMELIOREES EN MATIERE D'ABSORPTION DE LIQUIDES

(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) LANKHOF, John, Peter [NL/DE]; Lessing Strasse 31, D-65779 Kelkheim (DE). SCHMIDT, Mattias [DE/DE]; Altkoenigweg 3, D-65510 Idstein (DE).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61F 13/15

(11) WO 00/69383 (13) A1

(21) PCT/US00/13280

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 60/134,361 14 May/mai 1999 US (14.05.1999)

(30) 09/334,186 16 Jun/juin 1999 US (16.06.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PROCESS FOR COMPRESSING A WEB WHICH CONTAINS SUPER-ABSORBENT MATERIAL

• PROCEDE POUR COMPRIMER UNE BANDE CONTENANT UN MATERIAU SUPERABSORBANT

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) MELIUS, Shannon, Kathleen; 3118 Blue-ridge Drive, Appleton, WI 54914 (US). FELL, David, Arthur; 2055 Lynn Drive, Neenah, WI 54956 (US). REEVES, William, Grover; 616 East Greenfield Street, Appleton, WI 54911 (US). SANDERS, Donald, Joseph; 8348 Pine Cone Circle, Larsen, WI 54947 (US). VAN WYCHEN, Heath, David; 320 South John Street, Kimberly, WI 54136 (US). VENTURINO, Michael, Barth; 2124 Omega Drive, Appleton, WI 54915 (US). WALAJAPET, Palani, Raj, Ramaswami; 9605 West Hampton Avenue, Apt. 108, Wauwatosa, WI 53225 (US).

(74) YEE, Paul, Y. et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake St., Neenah, WI 54956 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F 13/56, 13/82

(11) WO 00/69384 (13) A1

(21) PCT/US00/12699

(22) 9 May/mai 2000 (09.05.2000)

(25) en (26) en

(30) 09/312,997 17 May/mai 1999 US (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DISPOSABLE ABSORBENT ARTICLE HAVING ARTICLE RETENTION ZONES

• ARTICLE ABSORBANT JETABLE AYANT DES ZONES DE MAINTIEN

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) ASHTON, Gregory; 10290 Stablehand Drive, Cincinnati, OH 45242 (US). LANGDON, Frederick, Michael; 9213 Deercross Parkway, #3A, Cincinnati, OH 45236 (US). RAJAGOPALAN, Vijay; 707 West Court 4, 5-1-524 Koyocho Naka, Nigashinada-ku, Kobe 658-0032 (JP). GOULAIT, David, Joseph, Kenneth; 7176 Eagles Wing Drive, West Chester, OH 45069 (US). MOORE, Julie, Lyn; 10042 Honeywood Drive, Cincinnati, OH 45241 (US). VELEZ, Juan, Carlos; 437 Wellesley, Cincinnati, OH 45224 (US).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61G 5/00, 5/10, 5/08, 5/12

(11) WO 00/69385 (13) A1

(21) PCT/GB00/01818

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 9911026.4 13 May/mai 1999 GB (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • WHEELCHAIR  
• FAUTEUIL ROULANT

(71, 72) STEADMAN, William, David [GB/US]; 2166 S.E. Pyramid Road, Port Saint Lucie, FL 34952 (US).

(74) SALES, Robert, Reginald; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **A61G 7/00**
- (11) **WO 00/69386** (13) A2
- (21) PCT/US00/12945
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 09/311,466 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HYDRAULIC CONTROL APPARATUS FOR A HOSPITAL BED  
• APPAREIL DE COMMANDE HYDRAULIQUE POUR LIT D'HOPITAL
- (71) **HILL-ROM, INC.** [US/US]; 1069 State Route 46 East, Batesville, IN 47006 (US).
- (72) **ECKSTEIN, Gerald, D.**; 893 Mulberry Street, Batesville, IN 47006 (US). **HORN-BACH, David, M.**; 12161 County Line Road, Brookville, IN 47012 (US). **MOSTER, Jeffrey, A.**; 572 Coverdale Avenue, Cincinnati, OH 45238 (US).
- (74) **NIEDNAGEL, Timothy, E.**; Bose McKinney & Evans LLP, 2700 First Indiana Plaza, 135 North Pennsylvania Street, Indianapolis, IN 46204 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61G 7/05, 12/00**
- (11) **WO 00/69387** (13) A1
- (21) PCT/US00/12742
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 09/310,250 **12 May/mai 1999 US (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DOCKING ASSEMBLY  
• ENSEMBLE D'ATTELAGE
- (71) **HILL-ROM, INC.** [US/US]; 1096 State Route 46 East, Batesville, IN 47006-9167 (US).
- (72) **NEWKIRK, David, C.**; 1274 Skyview Circle, Lawrenceburg, IN 47025 (US).
- (74) **COFFEY, William, R.**; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61H**
- (11) **WO 00/69388** (13) A2
- (21) PCT/US00/12158
- (22) **5 May/mai 2000 (05.05.2000)**
- (25) en (26) en
- (30) 09/310,375 **12 May/mai 1999 US (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • COIN-OPERATED MASSAGE TABLE AND METHOD AND SYSTEM FOR PROVIDING HIGH QUALITY MASSAGE  
• TABLE, METHODE ET SYSTEME DE MASSAGE PAYANTS ASSURANT UN MASSAGE DE GRANDE QUALITE
- (71, 72) **PICOU, Gregory, Kevin** [US/US]; 20 Villa Cove, Gulfport, MS 39507 (US).
- (74) **HAUPTMAN, Benjamin, J.**; Lowe Hauptman Gopstein Gilman & Berner, LLP, Suite 310, 1700 Diagonal Road, Alexandria, VA 22314 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61J 1/00**
- (11) **WO 00/69389** (13) A2
- (21) PCT/US00/13141
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,265 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PENETRABLE CAP AND FLUID TRANSFER DEVICE FOR USE THEREWITH  
• CAPUCHON POUVANT ETRE PERCE ET APPAREIL DE TRANSFERT DE LIQUIDE UTILISABLE AVEC LEDIT CAPUCHON
- (71) **GEN-PROBE INCORPORATED** [US/US]; 10210 Genetic Center Drive, San Diego, CA 92121-4362 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **ANDERSON, Bruce, W.** [US/US]; 9183 Hermosa Avenue, Rancho Cucamonga, CA 91730 (US). **CARTER, Nick, M.** [US/US]; 132 Dannyn Grove Court, Mooresville, NC 28117 (US). **CLYMER, Janice, J.** [US/US]; 1666 Plover Court, Carlsbad, CA 92009 (US). **HEME, Mordi, I.** [US/US]; Suite 47, 9888 Erma Road, San Diego, CA 92196-0965 (US). **KACIAN, Daniel, L.** [US/US]; 3911 Tambor Road, San Diego, CA 92124 (US). **LIGHT, James, P.** [US/US]; 11212 Ivy Hill Drive, San Diego, CA 92131 (US). **TSEO, Gus** [US/US]; 12810 Corbett Court, San Diego, CA 92130 (US).
- (74) **CAPPELLARI, Charles, B.**; Gen-Probe Incorporated, Patent Dept., 10210 Genetic Center Drive, San Diego, CA 92121-4362 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K**
- (11) **WO 00/69390** (13) A2
- (21) PCT/NL00/00331
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 1012066 **17 May/mai 1999 NL (17.05.1999)**
- (30) 1012481 **30 Jun/juin 1999 NL (30.06.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A METHOD OF IMPROVING BIO-AVAILABILITY OF ORALLY ADMINISTERED DRUGS, A METHOD OF SCREENING FOR ENHANCERS OF SUCH BIOAVAILABILITY AND NOVEL PHARMACEUTICAL COMPOSITIONS FOR ORAL DELIVERY OF DRUGS  
• PROCEDE POUR AMELIORER LA BIODISPONIBILITE DE MEDICAMENTS ADMINISTRES PAR VOIE ORALE, PROCEDE POUR SELECTIONNER DES ACTIVATEURS D'UNE TELLE BIODISPONIBILITE ET NOUVELLES COMPOSITIONS PHARMACEUTIQUES POUR MEDICAMENTS A ADMINISTRATION PAR VOIE ORALE
- (71) **HET NEDERLANDS KANKERINSTITUUT** [NL/NL]; Antonie van Leeuwenhoek Ziekenhuis, Plesmanlaan 121, NL-1066 CX Amsterdam (NL).  
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SCHELLENS, Johannes, Henricus, Matthias** [NL/NL]; Puperreiger 23, NL-3628 CE Kockengen (NL). **SCHINKEL, Alfred, Hermanus** [NL/NL]; Derde Helmersstraat 2, NL-1054 BG Amsterdam (NL).
- (74) **JORRITSMA, Ruurd**; Nederlandsch Octroobureau, Scheveningsweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K**
- (11) **WO 00/69391** (13) A2
- (21) PCT/US00/12019
- (22) **3 May/mai 2000 (03.05.2000)**
- (25) en (26) en
- (30) 60/134,171 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CRYSTAL STRUCTURE OF RIBOSOMAL PROTEIN L11/GTPASE ACTIVATING REGION rRNA AND USES THEREOF
- STRUCTURE CRISTALLINE DE L'ARNR DE LA REGION ACTIVATRICE DE LA GTPASE DE LA PROTEINE RIBOSOMIQUE L11 ET UTILISATIONS CORRESPONDANTES
- (71) **THE UNIVERSITY OF UTAH** [US/US]; 421 Wakara Way, Suite 170, Salt Lake City, UT 84108 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) **WIMBERLY, Brian, T.** [US/US]; 548 South Windsor Street, Salt Lake City, UT 84102 (US). **RAMAKRISHNAN, Venki** [US/US]; 410 11th Avenue, Salt Lake City, UT 84103 (US).
- (74) **WILLIAMS, Kathleen, M.** et al. / etc.; Palmer & Dodge, LLP, One Beacon Street, Boston, MA 02108 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 6/083**
- (11) **WO 00/69393** (13) A1
- (21) PCT/US99/21693
- (22) **20 Sep/sep 1999 (20.09.1999)**
- (25) en (26) en
- (30) 09/311,606 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MECHANICALLY STRONG AND TRANSPARENT OR TRANSLUCENT COMPOSITES MADE USING ZIRCONIUM OXIDE NANOPARTICLES
- MATERIAUX COMPOSITES TRANSPARENTS OU TRANSLUCIDES A GRANDE RESISTANCE MECANIQUE, FABRIQUES A PARTIR DE NANOPARTICULES D'OXYDE DE ZIRCONIUM
- (63) US 09/314,350 (CIP)  
19 May/mai 1999 (19.05.1999)
- (71) **SOUTHWEST RESEARCH INSTITUTE** [US/US]; 6220 Culebra Road, San Antonio, TX 78238-5166 (US). **UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 7th Street, Austin, TX 78701-2981 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FURMAN, Benjamin, R.** [US/US]; 6338 Rustling Lane, San Antonio, TX 78249 (US). **RAWLS, Henry, R.** [US/US]; 340 Argo Avenue, San Antonio, TX 78209 (US). **NORLING, Barry, K.** [US/US]; 13427 Shorecliff Street, San Antonio, TX 78248 (US). **WELLINGHOFF, Stephen, T.** [US/US]; 7718 Benbrook, San Antonio, TX 78058 (US). **DIXON, Hong** [US/US]; 11417 Lago Vista, Helotes, TX 78023 (US).
- (74) **MORRIS, Paula, D.**; Paula D. Morris & Associates, P.C., 2925 Briarpark Drive, Suite 930, Houston, TX 77042-3728 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
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- (51)<sup>7</sup> **A61K 6/06, 6/083, A61L 27/44, C09C 1/00, 3/00**
- (11) **WO 00/69392** (13) A1
- (21) PCT/US00/13708
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 09/314,350 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • FLUORIDE RELEASING ORTHODONTIC ADHESIVE
- ADHESIF ORTHODONTIQUE LIBERANT DU FLUORURE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **BRENNAN, Joan, V.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **ROZZI, Sharon, M.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **REIMAN, Mynde, G.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **SKOLNICK, Steven, E.** et al. / etc.; 3M Innovative Properties Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 6/083, 6/09, C08G 18/08, 18/81**
- (11) **WO 00/69394** (13) A1
- (21) PCT/US99/21995
- (22) **22 Sep/sep 1999 (22.09.1999)**
- (25) en (26) en
- (30) 09/314,490 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ONE-PART FLUORIDE RELEASING DENTAL MATERIALS
- SUBSTANCES DENTAIRES SIMPLES LIBERANT DU FLUORURE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **SHEN, Byron, C.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **SKOLNICK, Steven, E.** et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **A61K 6/083, 6/00**  
 (11) **WO 00/69395** (13) A1  
 (21) PCT/US00/08045  
 (22) **24 Mar/mar 2000 (24.03.2000)**  
 (25) en (26) en  
 (30) 09/314,491 **18 May/mai 1999 US (18.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● DENTAL MATERIALS  
 ● MATERIAUX DENTAIRE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **SHEN, Byron, C.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **MITRA, Sumita, B.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **ZHANG, Xiaodong**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **KUEHN, Robert, D.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **SKOLNICK, Steven, E.** et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 7/00, 7/06, 7/28**  
 (11) **WO 00/69396** (13) A1  
 (21) PCT/EP00/04133  
 (22) **9 May/mai 2000 (09.05.2000)**  
 (25) de (26) de  
 (30) 199 22 025.5 **12 May/mai 1999 DE (12.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● CATALASE FOR STABILISING ORGANIC DYES  
 ● CATALASE POUR LA STABILISATION DE COLORANTS ORGANIQUES
- (71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SCHRADER, Karl-Heinz** [DE/DE]; Hinter den Höfen 41, D-37639 Bevern (DE).
- (81) AU BR CA CN CZ HU JP MX NO PL SK US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **A61K 7/00, 7/48**  
 (11) **WO 00/69397** (13) A1  
 (21) PCT/JP00/03026  
 (22) **11 May/mai 2000 (11.05.2000)**  
 (25) ja (26) ja  
 (30) 11/131046 **12 May/mai 1999 JP (12.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● SEBACEOUS-HORN REMOVER  
 ● AGENT ENLEVANT LA CORNE PRODUITE PAR LA GLANDE SEBACEE
- (71) **KAO CORPORATION** [JP/JP]; 14-10, Nihonbashikayabacho 1-chome, Chuo-ku, Tokyo 103-8210 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **OSUMI, Takahiro** [JP/JP]; Kao Corporation Research Laboratories, 1334 Minato, Wakayama-shi, Wakayama 640-8580 (JP). **MURASE, Yasuyuki** [JP/JP]; Kao Corporation Research Laboratories, 1-3, Bunka 2-chome, Sumida-ku, Tokyo 131-8501 (JP).
- (74) **ARUGA, Mitsuyuki**; Kyodo Bldg., 3-6, Nihonbashingocho 1-chome, Chuo-ku, Tokyo 103-0013 (JP).
- (81) DE JP US.
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- (51)<sup>7</sup> **A61K 7/06, 7/11**  
 (11) **WO 00/69398** (13) A1  
 (21) PCT/EP99/03339  
 (22) **12 May/mai 1999 (12.05.1999)**  
 (25) de (26) de  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● HAIRSPRAY COMPOSITION CONTAINING SILOXANE  
 ● COMPOSITION POUR PRODUIT CAPILLAIRE FIXATIF A BASE DE SILOXANE
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DAUSCH, Wilma, M.** [DE/DE]; Paul-Münch-Strasse 6, D-67117 Limburgerhof (DE). **SCHELMANN, Volker** [DE/DE]; Ostring 12, D-67105 Schifferstadt (DE).
- (74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).
- (81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61K 7/06**  
 (11) **WO 00/69399** (13) A1  
 (21) PCT/JP00/03017  
 (22) **11 May/mai 2000 (11.05.2000)**  
 (25) ja (26) ja  
 (30) 11/134132 **14 May/mai 1999 JP (14.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● HAIR GROWTH STIMULANTS  
 ● STIMULANTS DE LA POUSSE DES CHEVEUX
- (71) **JAPAN APPLIED MICROBIOLOGY RESEARCH INSTITUTE CO., LTD.** [JP/JP]; 242-banchi, Ido, Isawa-cho, Higashi-Yatsushiro-gun, Yamanashi-ken 406-0045 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HORIUCHI, Isao** [JP/JP]; 1014-banchi, Ichinomiya, Ichinomiya-cho, Higashi-Yatsushiro-gun, Yamanashi-ken 405-0056 (JP).
- (74) **ASAKAWA, Tetsu**; 3F, Sanyu Building, 9-25, Tokugyo 3-chome, Kofu-shi, Yamanashi-ken, 400-0047 (JP).
- (81) JP US; EP (DE FR GB).
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- (51)<sup>7</sup> **A61K 7/13**  
 (11) **WO 00/69400** (13) A1  
 (21) PCT/EP00/03208  
 (22) **11 Apr/avr 2000 (11.04.2000)**  
 (25) de (26) de  
 (30) 199 21 962.1 **12 May/mai 1999 DE (12.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● OXIDATIVE HAIR DYEING AGENT  
 ● COLORANT D'OXYDATION POUR LES CHEVEUX
- (71) **WELLA AKTIENGESELLSCHAFT** [DE/DE]; Berliner Allee 65, D-64274 Darmstadt (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HERMES, Frank** [DE/DE]; Im Lerchelsbühl 6, D-64521 Gross-Gerau (DE). **LENZ, Uwe** [DE/DE]; In den Bruchgärten 11, D-64673 Zwingenberg (DE).
- (74) **WELLA AKTIENGESELLSCHAFT**; Berliner Allee 65, D-64274 Darmstadt (DE).
- (81) BR JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **A61K 7/16**  
 (11) **WO 00/69401** (13) A1  
 (21) PCT/US00/12972  
 (22) **11 May/mai 2000 (11.05.2000)**



- (25) en (26) en
- (30) 09/312,287 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD FOR THE MANUFACTURE OF TOOTHPASTE  
● PROCEDE DE FABRICATION D'UNE PATE DENTIFRICE
- (71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).
- (72) **YAMANE, Odete, T.**; Rua Biobedas, 15 Apto., CEP-63 Saude S. Paulo, SP (BR). **CORREA, Fernanda, C., G.**; Rua Joaquim Guarani, CEP-0452 Brooklyn S. Paulo, SP (BR). **MORISITA, Rosangela, Takako**; Av. do Cafe, 54-Apto., CEP-151 Jabaquara S. Paulo, SP (BR).
- (74) **SHAPIRO, Paul** et al. / etc.; Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **A61K 7/32**
- (11) **WO 00/69402** (13) A1
- (21) PCT/US99/10814
- (22) **18 May/mai 1999 (18.05.1999)**
- (25) en (26) en
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ALPHA AMINO ACID COMPOSITION AND METHOD FOR THE TREATMENT OF SKIN  
● SOIN ET COMPOSITION DERMATOLOGIQUE A BASE D'ACIDE ALPHA-AMINE
- (71) **KLEIN, Marvin, E.** [US/US]; Suite 206, 4120 W. Maple Road, Bloomfield Hills, MI 48301 (US).
- (74) **CITKOWSKI, Ronald, W.** 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 AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **A61K 7/42**
- (11) **WO 00/69403** (13) A1
- (21) PCT/US99/10814
- (22) **18 May/mai 1999 (18.05.1999)**
- (25) en (26) en
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHODS FOR REGULATING THE CONDITION OF MAMMALIAN KERATINOUS TISSUE VIA TOPICAL APPLICATION OF PHYTOSTEROL COMPOSITIONS  
● METHODES DE REGULATION DE L'ETAT DE TISSUS KERATINIQUES CHEZ UN MAMMIFERE PAR L'APPLICATION TOPIQUE DE COMPOSITIONS A BASE DE PHYTOSTEROL
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **ZHUANG, John, Chengfeng**; 464 Hilltop Lane, Cincinnati, OH 45215 (US). **OB-LONG, John, Erich**; 6763 Little River Lane, Loveland, OH 45140 (US). **BISSETT, Donald, Lynn**; 3925 Dust Commander Drive, Hamilton, OH 45011 (US).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **A61K 7/48**
- (11) **WO 00/69404** (13) A1
- (21) PCT/US00/12154
- (22) **4 May/mai 2000 (04.05.2000)**
- (25) en (26) en
- (30) 09/314,795 **18 May/mai 1999** US  
(18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ANTIPERSPIRANT AND DEODORANT COMPOSITIONS CONTAINING CYCLOHEXASILOXANE  
● COMPOSITIONS ANTISUDORIFIQUES ET DESODORISANTES CONTENANT UN CYCLOHEXASILOXANE
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **GUSKEY, Gerald, John**; 10758 Moss Hill Lane, Montgomery, OH 45249 (US). **MOTLEY, Curtis, Bobby**; 8032 St. Matthew Drive, West Chester, OH 45069 (US).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **A61K 7/48**
- (11) **WO 00/69404** (13) A1
- (21) PCT/US00/12155
- (22) **4 May/mai 2000 (04.05.2000)**
- (25) en (26) en
- (30) 60/134,397 **17 May/mai 1999** US  
(17.05.1999)
- (30) 09/439,438 **15 Nov/nov 1999** US  
(15.11.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD FOR TREATING ACNE OR ISOLATED PIMPLES AND ADHESIVE PATCH THEREFOR  
● METHODE DE TRAITEMENT DE L'ACNE OU DES BOUTONS ISOLEES ET TIMBRE ADHESIF AFFERENT
- (71) **LEC TEC CORPORATION** [US/US]; 10701 Red Circle Drive, Minnetonka, MN 55343 (US).
- (71, 72) **HYMES, Alan, C.** [US/US]; 23235 Meadowview Lane, Sedro Wooley, WA 98284 (US).
- (74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 7/48

(11) WO 00/69406 (13) A1

(21) PCT/US00/13645

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 60/134,689 18 May/mai 1999 US (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHODS OF REGULATING THE CONDITION OF MAMMALIAN KERATINOUS TISSUE

• PROCEDE PERMETTANT DE NORMALISER L'ETAT DU TISSU CORNE CHEZ LE MAMMIFERE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) OBLONG, John, Erich; 6763 Little River Lane, Loveland, OH 45140 (US).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 7/48

(11) WO 00/69407 (13) A1

(21) PCT/US00/13646

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 60/134,687 18 May/mai 1999 US (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHODS FOR UPREGULATING AND/OR MODULATING KGF PRODUCTION AND INCREASING RECEPTIVITY OF KERATINOCYTES TO KGF

• PROCEDES PERMETTANT UNE REGULATION POSITIVE ET/OU UNE MODULATION LA PRODUCTION DE KGF ET UN ACCROISSEMENT DE LA RECEPTIVITE DES KERATINOCYTES AU KGF

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) OBLONG, John, Erich; 6763 Little River Lane, Loveland, OH 45140 (US). MASON, Brent, William; 8233 Barrett Road, West Chester, OH 45069 (US).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 7/48

(11) WO 00/69408 (13) A1

(21) PCT/US00/13647

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 60/134,660 18 May/mai 1999 US (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHODS OF REGULATING THE CONDITION OF MAMMALIAN KERATINOUS TISSUE

• PROCEDE PERMETTANT DE NORMALISER L'ETAT DU TISSU CORNE CHEZ LE MAMMIFERE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) MASON, Brent, William; 8233 Barrett Road, West Chester, OH 45069 (US). OBLONG, John, Erich; 6763 Little River Lane, Loveland, OH 45140 (US).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 7/48

(11) WO 00/69409 (13) A1

(21) PCT/US00/13648

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 60/134,688 18 May/mai 1999 US (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHODS FOR UPREGULATING AND/OR MODULATING KGF PRODUCTION AND INCREASING RECEPTIVITY OF KERATINOCYTES TO KGF

• PROCEDES PERMETTANT UNE REGULATION POSITIVE ET/OU UNE MODULATION DE LA PRODUCTION DE KGF AINSI QU'UNE AUGMENTATION DE LA RECEPTIVITE DES KERATINOCYTES AU KGF

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) OBLONG, John, Erich; 6763 Little River Lane, Loveland, OH 45140 (US).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 7/50, 7/40

(11) WO 00/69410 (13) A1

(21) PCT/EP00/04025

(22) 5 May/mai 2000 (05.05.2000)

(25) de (26) de

(30) 199 22 230.4 14 May/mai 1999 DE  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • COSMETIC AND/OR PHARMACEUTICAL PREPARATIONS

• PREPARATIONS COSMETIQUES  
ET/OU PHARMACEUTIQUES(71) COGNIS DEUTSCHLAND GMBH  
[DE/DE]; Henkelstrasse 67, D-40589  
Düsseldorf (DE).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) SUMSER, Markus [DE/DE]; Am  
Düngelbruch 50, D-44625 Herne (DE).  
SEIPEL, Werner [DE/DE]; Hofstrasse  
29, D-40723 Hilden (DE). HENSEN,  
Hermann [DE/DE]; Rathmacherweg 13,  
D-42781 Haan (DE). TESMANN, Holger  
[DE/DE]; Unter den Linden 23, D-41363  
Jüchen (DE).(81) JP US; EP (AT BE CH CY DE DK ES FI  
FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> A61K 9/02

(11) WO 00/69411 (13) A1

(21) PCT/US00/09570

(22) 10 Apr/avr 2000 (10.04.2000)

(25) en (26) en

(30) 60/133,633 12 May/mai 1999 US  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • USE OF POLYMERIC ADSORBENTS  
IN PHARMACEUTICAL DOSAGE  
FORMS• UTILISATION D'ADSORBANTS PO-  
LYMERIQUES DANS DES FORMES  
DE DOSAGES PHARMACEUTIQUES(71) ALCON LABORATORIES, INC.  
[US/US]; 6201 South Freeway, Fort Worth,  
TX 76134 (US).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) KABRA, Bhagwati, P. [IN/US]; 6116  
Silkcrest Trail, Arlington, TX 76017 (US).  
RODSTROM, Theron, Robert [US/US];  
P.O. Box 212, Cranfills Gap, TX 76637  
(US). HOWIE, Janet, D. [US/US]; 2126  
Stoneridge Drive, Keller, TX 76248 (US).(74) YEAGER, Sally, S. et al. / etc.; R.  
& D. Counsel Q-148, Alcon Laboratories,  
Inc., 6201 South Freeway, Fort Worth, TX  
76134-2099 (US).(81) AU BR CA JP MX US; EP (AT BE CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE).(51)<sup>7</sup> A61K 9/127, 9/133

(11) WO 00/69412 (13) A1

(21) PCT/US00/12962

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/134,140 14 May/mai 1999 US  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD OF TREATING ANGINA  
AND/OR ANGINAL EQUIVALENTS,  
AND PHARMACEUTICAL COMPOSI-  
TIONS AND KIT RELATED THERETO• METHODE, COMPOSITIONS PHAR-  
MACEUTIQUES ET TROUSSE DE  
TRAITEMENT DE L'ANGINE ET/OU  
D'EQUIVALENTS ANGINEUX(71) TALARIA THERAPEUTICS, INC.  
[US/US]; Suite 1350, 1 Tower Bridge, 100  
Front Street, West Conshohocken, PA 19428  
(US).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) GOLDBERG, Dennis, I. [US/US]; 109  
Bent Road, Sudbury, MA 01776 (US). WIL-  
LIAMS, Kevin, Jon [US/US]; 425 Wister  
Road, Wynnewood, PA 19096 (US).(74) ZIARNO, Witold, A.; Michael Best and  
Friedrich LLP, 100 East Wisconsin Avenue,  
Milwaukee, WI 53202-4108 (US).(81) AE AL AM AT AU AZ BA BB BG BR BY  
CA CH CN CR CU CZ DE DK DM 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 NO  
NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA  
ZW; AP (GH GM KE LS MW SD SL SZ  
TZ UG ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE CH CY DE DK ES  
FI FR GB GR IE IT LU MC NL PT SE);  
OA (BF BJ CF CG CI CM GA GN GW ML  
MR NE SN TD TG).(51)<sup>7</sup> A61K 9/16, A61P 35/00

(11) WO 00/69413 (13) A1

(21) PCT/FR00/01315

(22) 17 May/mai 2000 (17.05.2000)

(25) fr (26) fr

(30) 99/06207 17 May/mai 1999 FR  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • USE OF BIODEGRADABLE MICROS-  
PHERES THAT RELEASE AN AN-  
TICANCER AGENT FOR TREATING  
GLOBASTOMA• UTILISATION DE MICROSPHERES  
BIODEGRADABLES LIBERANT UN  
AGENT ANTICANCEREUX POUR LE  
TRAITEMENT DU GLOBLASTOME(71) LABORATOIRES DES PRODUITS  
ETHIQUES ETHYPHARM [FR/FR]; 21,  
rue Saint-Mathieu, F-78550 Houdan (FR).  
*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) FAISANT, Nathalie [FR/FR]; Lieu-dit  
Liga, Route de Louvaines, F-49220 Mon-  
treuil-sur-Maine (FR). BENOIT, Jean-  
Pierre [FR/FR]; 45, allée des Châtaigniers,  
F-49240 Avrille (FR). MENEI, Philippe  
[FR/FR]; 5, avenue Emile Savigner, F-49240  
Avrille (FR).(74) MARTIN, Jean-Jacques et al. / etc.; Cabi-  
net Regimbeau, 26, avenue Kléber, F-75116  
Paris (FR).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY 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 NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN  
YU ZA ZW; AP (GH GM KE LS MW SD  
SL SZ TZ UG ZW); EA (AM AZ BY KG  
KZ MD RU TJ TM); OA (BF BJ CF CG CI  
CM GA GN GW ML MR NE SN TD TG).(51)<sup>7</sup> A61K 9/16, 35/78

(11) WO 00/69414 (13) A2

(21) PCT/FR00/01316

(22) 17 May/mai 2000 (17.05.2000)

(25) fr (26) fr

(30) 09/312,485 17 May/mai 1999 US  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • GRANULES CONTAINING A PLANT  
SUBSTANCE AND METHOD FOR  
PRODUCING THE SAME• GRANULES CONTENANT UNE SUB-  
STANCE VEGETALE ET LEUR PRO-  
CEDE DE PREPARATION(71) D.B.F. [FR/FR]; 120, Bureaux de la Colline,  
F-92210 Saint-Cloud (FR).(72) DEBREGEAS, Patrice; 30, rue des Saints  
Pères, F-75007 Paris (FR). LEDUC,  
Gérard; La Grange, Labrosse, F-45330  
Malesherbes (FR). BERNABE, Domingo;  
16, rue Daguerre, F-95330 Domont (FR).(74) MARTIN, Jean-Jacques et al. / etc.; Cabi-  
net Regimbeau, 26, avenue Kléber, F-75116  
Paris (FR).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY 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 NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG UZ VN  
YU ZA ZW; AP (GH GM KE LS MW SD  
SL SZ TZ UG ZW); EA (AM AZ BY KG  
KZ MD RU TJ TM); EP (AT BE CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE); OA (BF BJ CF CG CI CM GA GN  
GW ML MR NE SN TD TG).(51)<sup>7</sup> A61K 9/16, 9/52, 31/7048, A61P 31/04

(11) WO 00/69415 (13) A2

(21) PCT/SI00/00013

(22) 18 May/mai 2000 (18.05.2000)

- (25) en (26) en
- (30) P-9900119 **19 May/mai 1999** SI  
(19.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MELT GRANULATION  
• GRANULATION PAR FUSION
- (71) **LEK, TOVARNA FARMACEVTSKIH IN KEMIČNIH IZDELKOV, D.D.** [SI/SI]; Verovškova 57, 1526 Ljubljana (SI).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FERČEJ TEMELJOTOV, Darja** [SI/SI]; Avčinova 10, 1000 Ljubljana (SI). **SIRCA, Judita** [SI/SI]; Polje c. VI/20, 1260 Ljubljana-polje (SI). **MOHAR, Milojka** [SI/SI]; Gostičeva 9, 1230 Domžale (SI). **SALOBIR, Mateja** [SI/SI]; Ulica 28. maja 9, 1000 Ljubljana (SI). **GOLMAJER, Andrej** [SI/SI]; Žigonova 25, 1000 Ljubljana (SI). **OPRESNIK, Marko** [SI/SI]; Ulica bratov Babnik 42, 1000 Ljubljana (SI).
- (74) **PATENTNA PISARNA D.O.O.**; Copova 14, POB 1725, 1001 Ljubljana (SI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **A61K 9/20, 9/70, 9/12, A61P 15/10, A61K 31/485**
- (11) **WO 00/69416** (13) A1
- (21) PCT/IE00/00065
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 990389 **13 May/mai 1999** IE  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PHARMACEUTICAL COMPOSITIONS COMPRISING APOCODEINE AND/OR ITS DERIVATIVES  
• COMPOSITIONS PHARMACEUTIQUES CONTENANT DE L'APOCODEINE ET/OU SES DERIVES
- (71) **UNI HART CORPORATION** [IE/IE]; 41 Central Chambers, Dame Court, Dublin 2 (IE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARALDI, Mario** [IT/IT]; Via Campi, 183, I-41100 Modena (IT).
- (74) **DUFFY, Assumpta**; F.R. Kelly & Co., 27 Clyde Road, Ballsbridge, Dublin 4 (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>6</sup> **A61K 9/48**
- (11) **WO 00/69417** (13) A1
- (21) PCT/US99/13481
- (22) **15 Jun/juin 1999 (15.06.1999)**
- (25) en (26) en
- (30) 60/134,215 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PROCESS FOR PREPARING PHARMACEUTICAL BULK MATERIAL HAVING UNIFORM DISSOLUTION  
• ELABORATION D'UN PRODUIT PHARMACEUTIQUE EN VRAC UNIFORMEMENT DISSOUT
- (71) **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) **BROWN, Frank, Jr.** [US/US]; 2822 North 4th Street, Terre Haute, IN 47804 (US). **FORBES, Robert, Alan** [US/US]; 2262 East Whipperwill Drive, Clinton, IN 47842 (US). **KREAGER, Arlette, Faye** [US/US]; 437 Cobblestone Road, Plainfield, IN 46168 (US). **MULLEN, Michael, Vincent** [US/US]; 12583 Ensley Drive, Fishers, IN 46038-1127 (US). **STEPHENSON, Gregory, Alan** [US/US]; 10227 Bent Tree Lane, Fishers, IN 46038 (US).
- (74) **MUSSER, Arlene, K.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> **A61K 9/52**
- (11) **WO 00/69419** (13) A1
- (21) PCT/DE00/01578
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) de (26) de
- (30) 199 23 817.0 **18 May/mai 1999** DE  
(18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CONTROLLED ACTIVE SUBSTANCE RELEASE CAPSULE  
• CAPSULE A LIBERATION CONTROLLEE DU PRINCIPE ACTIF
- (71, 72) **BODMEIER, Roland** [DE/DE]; Ravenweg 18, D-14163 Berlin (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> **A61K 9/54, 31/375, A23L 1/302, A23P 1/04**
- (11) **WO 00/69420** (13) A1
- (21) PCT/IL00/00271
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 129964 **14 May/mai 1999** IL  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● PULSE-DELIVERY ORAL COMPOSITIONS

● COMPOSITIONS A ADMINISTRATION BUCCALE PAR POUSSÉES

(71) **CORALTIS LTD.** [IL/IL]; Hamalaha Street 22, 48091 Rosh Ha'ayin (IL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BORNSTEIN, Yoseph** [IL/IL]; Zait Street 15, 48571 Rosh Ha'ayin (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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **A61K 9/70, 31/135**

(11) **WO 00/69421** (13) A2

(21) PCT/EP00/04360

(22) **16 May/mai 2000 (16.05.2000)**

(25) de (26) de

(30) 199 22 662.8 **18 May/mai 1999 (18.05.1999)** DE

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● TRANSDERMAL THERAPEUTIC SYSTEM (TTS) CONTAINING TOLTERODINE

● SYSTEME THERAPEUTIQUE TRANS-  
DERMIQUE (STT) CONTENANT DE  
LA TOLTERODINE

(71) **SCHWARZ PHARMA AG** [DE/DE]; Alfred-Nobel-Strasse 10, D-40789 Monheim (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARTH, Christoph** [DE/DE]; Leinenweberweg 38, D-40593 Düsseldorf (DE). **MEESE, Claus** [DE/DE]; Kreuzbergerstrasse 50, D-40789 Monheim (DE). **SCHACHT, Dietrich, Wilhelm** [DE/DE]; Brahmstrasse 2, D-50935 Köln (DE). **WOLFF, Hans-Michael** [DE/DE]; Richard-Wagner-Strasse 2, D-40789 Monheim (DE).

(74) **SCHWARZ PHARMA AG;** Alfred-Nobel-Strasse 10, D-40789 Monheim (DE).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 9/70, A61F 13/02**

(11) **WO 00/69422** (13) A1

(21) PCT/JP00/02791

(22) **27 Apr/avr 2000 (27.04.2000)**

(25) ja (26) ja

(30) 11/133037 **13 May/mai 1999 (13.05.1999)** JP

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● PATCH

● BANDE

(71) **HISAMITSU PHARMACEUTICAL CO., INC.** [JP/JP]; 408, Tashirodaikan-machi, Tosu-shi, Saga 841-0017 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUTSUMI, Nobuo** [JP/JP]; Hisamitsu Pharmaceutical Co., Inc., 25-8, Nishigotanda 6-chome, Shinagawa-ku, Tokyo 141-0031 (JP).

(74) **HASEGAWA, Yoshiki** et al. / etc.; Soei Patent and Law Firm, Okura-Honkan, 6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) BR CN ID JP KR US VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **A61K 9/70**

(11) **WO 00/69423** (13) A1

(21) PCT/US00/13848

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/314,521 **19 May/mai 1999 (19.05.1999)** US

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● INVERSE PHASE EMULSIONS HAVING A PRESERVATIVE SYSTEM WITH LOW EVAPORATIVE WATER LOSS

● EMULSIONS A PHASE INVERSE  
COMPORTANT UN SYSTEME DE  
CONSERVATION A FAIBLE PERTE  
D'EAU PAR EVAPORATION

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **BERG, Ronald, Wayne;** 1635 Oak Valley Drive, Fairfield, OH 45014 (US). **BARNHOLTZ, Steven, Lee;** 6493 Jayfield Drive, Hamilton, OH 45011 (US). **MACKEY, Larry, Neil;** 5856 Crestview Avenue, Fairfield, OH 45014 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **A61K 31/00**

(11) **WO 00/69424** (13) A2

(21) PCT/EP00/03506

(22) **14 Apr/avr 2000 (14.04.2000)**

(25) en (26) en

(30) 99201524.8 **12 May/mai 1999 (12.05.1999)** EP

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHOD OF TREATING PSYCHOTIC DISORDERS

● METHODE DE TRAITEMENT DE  
TROUBLES PSYCHOTIQUES

(71) **SOLVAY PHARMACEUTICALS B.V.** [NL/NL]; Intellectual Property Department Weesp, C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN HES, Roelof** [NL/NL]; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL). **VAN DER HEIJDEN, Johannes, A., M.** [NL/NL]; C.J. van Houtenlaan 38, NL-1381 CP Weesp (NL). **KRUSE, Cornelis, G.** [NL/NL]; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL). **LONG, Stephen, K.** [GB/NL]; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL).

(74) **OCTROOBUREAU ZOAN B.V.;** Maarten Muis, P.O. Box 140, NL-1380 AC Weesp (NL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 31/00**

(11) **WO 00/69425** (13) A2

(21) PCT/EP00/04014

(22) **4 May/mai 2000 (04.05.2000)**

(25) de (26) de

(30) 19921887.0 **12 May/mai 1999** DE (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● ENDOPARASITICIDAL AGENTS  
● AGENTS ENDOPARASITICIDES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HARDER, Achim** [DE/DE]; Euro-paring 54, D-51109 Köln (DE). **VON SAMSON-HIMMELSTJERNA, Georg** [DE/DE]; Neuenkamper Str. 21, D-42657 Solingen (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 31/00**

(11) **WO 00/69426** (13) A2

(21) PCT/IT00/00196

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) RM99A000309 **17 May/mai 1999** IT (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● USE OF A VITAMIN COMBINATION FOR THE TREATMENT OF PRURITUS AND NON-INFECTIVE DISORDERS INVOLVING ITCHING AND/OR INFLAMMATION

● UTILISATION D'UNE COMBINAISON DE VITAMINES POUR TRAITER LE PRURIT ET LES MALADIES NON INFECTIEUSES SE MANIFESTANT PAR DES DEMANGEAISONS ET/OU DES INFLAMMATIONS

(71, 72) **VALLETTA, Giampiero** [IT/IT]; Via Campidoglio, 188, I-03024 Ceprano (IT).

(74) **BANCHETTI, Marina** et al. / etc.; Ing. Barzanò & Zanardo Roma S.p.A., Via Piemonte, 26, I-00187 Roma (IT).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>6</sup> **A61K 31/00, 31/70, 31/355, 31/34, 31/015, 38/16**

(11) **WO 00/69427** (13) A1

(21) PCT/US99/10867

(22) **17 May/mai 1999 (17.05.1999)**

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● COMPOSITION AND METHOD FOR TREATING LIMB ISCHEMIA

● TRAITEMENT DE L'ISCHEMIE DES MEMBRES ET COMPOSITION A CET EFFET

(71) **WALKER, Paul Moore** [CA/CA]; 19 Parkwood Avenue, Toronto, Ontario M4V 2W9 (CA). **ROMASCHIN, Alexander, D.** [CA/CA]; 3 Broadfield Drive, Etobicoke, Ontario M9C 1L4 (CA).

(72) **DAVIS, Scott, Howell**; 1699 Stadel #A, Salt Lake City, UT 84108 (US).

(74) **JACKSON, David, A.**; Klauer & Jackson, Continental Plaza, 411 Hackensack Avenue, Hackensack, NJ 0760 (US).

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **A61K 31/00**

(11) **WO 00/69428** (13) A2

(21) PCT/US00/12943

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 60/133,975 **13 May/mai 1999** US (13.05.1999)

(30) 09/541,268 **3 Apr/avr 2000** US (03.04.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● ANIONIC POLYMERS AS TOXIN BINDERS AND ANTIBACTERIAL AGENTS

● POLYMERES ANIONIQUES UTILISES COMME LIANTS DE TOXINES OU AGENTS ANTIBACTERIENS

(63) US 60/133,975 (CIP)  
13 May/mai 1999 (13.05.1999)  
US 09/541,268 (CIP)  
3 Apr/avr 2000 (03.04.2000)

(71) **GELTEX PHARMACEUTICALS, INC.** [US/US]; 153 Second Street, Waltham, MA 02451 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KURTZ, Caroline** [US/US]; 25 Lincoln Road, Sudbury, MA 01776 (US). **FITZPATRICK, Richard** [US/US]; 23 Pickwick Road, Marblehead, MA 01945 (US).

(74) **ELMORE, Carolyn, S.**; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 31/00**

(11) **WO 00/69429** (13) A2

(21) PCT/US00/13626

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/312,987 **17 May/mai 1999** US (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHODS OF INHIBITING PLATELET ACTIVATION WITH SELECTIVE SEROTONIN REUPTAKE INHIBITORS

● PROCEDES D'INHIBITION DE L'ACTIVATION PLAQUETTAIRE REPOSANT SUR L'UTILISATION D'INHIBITEURS SELECTIFS DE RECAPTAGE DE LA SEROTONINE

(63) US 09/312,987 (CON)  
17 May/mai 1999 (17.05.1999)

(71) **HEARTDRUG RESEARCH, L.L.C.** [US/US]; 9101 East Stayman Drive, Ellicott City, MD 21042 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SEREBRUANY, Victor L.** [RU/US]; 9101 East Stayman Drive, Eppicott City, MD 21042 (US). **GURBEL, Paul, A.** [US/US]; 108 St. Albans Way, Baltimore, MD 21212 (US). **O'CONNOR, Christopher, M.** [US/US]; 4117 Amesbury Lane, Durham, NC 27707 (US).

- (74) **BROOK, David, E.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>6</sup> **A61K 31/05, 31/09, 31/19, C07C 59/48, 43/205, 43/215, 39/06, 39/215**
- (11) **WO 00/69430** (13) A1
- (21) PCT/US99/11001
- (22) **18 May/mai 1999 (18.05.1999)**
- (25) en (26) en
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • NOVEL DIPHENYLETHYLENE COMPOUNDS  
• COMPOSES DIPHENYLETHYLENE INNOVANTS
- (71) **CALYX THERAPEUTICS, INC.** [US/US]; 3525 Breakwater Avenue, Hayward, CA 94545 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **NAG, Bishwajit** [IN/US]; 34353 Eucalyptus Terrace, Fremont, CA 94555 (US).  
**MEDICHERLA, Satyanarayana** [IN/US]; 10134 Tantau Avenue, Cupertino, CA 95014 (US).  
**DEY, Debendranath** [IN/US]; Apartment 126, 31770 Alvarado Boulevard, Union City, CA 94587 (US).
- (74) **SUYAT, Reginald, J.**; Fish & Richardson P.C., Suite 100, 2200 Sand Hill Road, Menlo Park, CA 94025 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 31/19, 31/415**
- (11) **WO 00/69431** (13) A1
- (21) PCT/US00/10062
- (22) **14 Apr/avr 2000 (14.04.2000)**
- (25) en (26) en
- (30) 09/312,168 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND COMPOSITION FOR TREATING MAMMALIAN NASAL AND SINUS DISEASES CAUSED BY INFLAMMATORY RESPONSE  
• METHODE ET COMPOSITION PERMETTANT DE TRAITER LES MALADIES DU NEZ ET DES SINUS PROVOQUEES PAR UNE REACTION INFLAMMATOIRE CHEZ LES MAMMIFERES
- (71) **CELLULAR SCIENCES, INC.** [US/US]; P.O. Box 968, Flemington, NJ 08822 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KATZ, Stanley, E.** [US/US]; 369 Riva Avenue, Milltown, NJ 08850 (US).  
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- (74) **MUCCINO, Richard, R.**; 758 Springfield Avenue, Summit, NJ 07901 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 31/40, 31/422, 31/4439, 31/404, 31/4545, 31/4525, 31/4535, 31/454, 31/427, 31/433, 31/4245, 31/4155, 31/5377, 31/4709, 31/506, 31/4184, 31/4178, 31/423, 31/4192, 31/445, 31/429, 31/55, A61P 43/00, 29/00, 9/00, 37/00, 25/00, 11/00 // C07D 207/14, 207/33, 207/34, 405/06, 405/12, 405/14, 401/06, 401/12, 401/14, 409/06, 409/12, 409/14, 403/06, 403/12, 403/14, 413/14, 417/06, 211/34, 211/60, 211/62, 513/04, 223/02**
- (11) **WO 00/69432** (13) A1
- (21) PCT/JP00/03203
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) ja (26) ja
- (30) 11/175856 **18 May/mai 1999 JP (18.05.1999)**
- (30) 11/251464 **6 Sep/sep 1999 JP (06.09.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • REMEDIES OR PREVENTIVES FOR DISEASES IN ASSOCIATION WITH CHEMOKINES  
• MOYENS DE TRAITEMENT ET DE PREVENTION CONTRE LES MALADIES ASSOCIEES A DES CHIMIOKINES
- (71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minamihommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).  
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**OHTA, Tomohiro** [JP/JP]; Teijin Limited, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP).  
**TAKANO, Yasuhiro** [JP/JP]; Teijin Limited, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP).  
**HORIUCHI, Hideki** [JP/JP]; Teijin Limited, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP).
- (74) **MAEDA, Sumihiro**; Teijin Limited, Intellectual Property Center, 1-1, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 31/40, 31/42, C07D 401/00, 401/12, 401/14, 403/12, 403/06, 491/00, 491/02, 409/00, 409/12, 411/00, 411/12, 413/12, 417/00, 417/12**
- (11) **WO 00/69433** (13) A1
- (21) PCT/US00/12764
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 09/312,192 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ANTAGONISTS OF GONADOTROPIN RELEASING HORMONE  
• ANTAGONISTES DE LA GONADOLIBERINE
- (63) US 09/312,192 (CIP)  
14 May/mai 1999 (14.05.1999)
- (71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
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- (72, 75) **GOULET, Mark** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
**WALSH, Thomas, F.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
**UJJAINWALLA, Feroze** [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
**WYVRATT, Matthew, J., Jr.** [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 BY 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 31/415, A61P 35/00**
- (11) **WO 00/69434** (13) A1
- (21) PCT/US00/13604
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 60/134,582 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DFMO AND CELECOXIB IN COMBINATION FOR CANCER CHEMOPREVENTION AND THERAPY
- UTILISATION COMBINEE D'EFLORNITHINE HYDROCHLORIDE ET DE CELECOXIB POUR LA CHIMIOPREVENTION ET LE TRAITEMENT DU CANCER
- (71) **ILEX ONCOLOGY, INC.** [US/US]; 11550 IH 10 West, 100, San Antonio, TX 78230-1064 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LOVE, Richard** [US/US]; 24 Eton Green Circle, San Antonio, TX 78257 (US).
- (74) **HIGHLANDER, Steven, L.**; Fulbright & Jaworski, L.L.P., Suite 2400, 600 Congress Avenue, Austin, TX 78701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 31/428, C07D 275/06**
- (11) **WO 00/69435** (13) A1
- (21) PCT/US00/13510
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 60/134,728 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • IL-8 RECEPTOR ANTAGONISTS
- ANTAGONISTES DE RECEPTEUR IL-8
- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PALOVICH, Michael, R.** [US/US]; 805 Mill Grove Drive, Norristown, PA 19403 (US). **WIDDOWSON, Katherine, L.** [-/-]; 1047 Old Valley Forge Road, King of Prussia, PA 19406 (US).
- (74) **SIMON, Soma, G.** et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **A61K 31/44**
- (11) **WO 00/69436** (13) A1
- (21) PCT/US00/12903
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 60/134,238 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHODS OF USING AND COMPOSITIONS COMPRISING N-DESMETHYLZOLPIDEM
- PROCEDES D'UTILISATION ET COMPOSITIONS COMPRENANT DU N-DESMETHYLZOLPIDEME
- (71) **SEPRACOR INC.** [US/US]; 111 Locke Drive, Marlborough, MA 01752 (US).
- (72) **JERUSSI, Thomas, P.**; 19 Garvey Road, Framingham, MA 01701 (US).
- (74) **INSOGNA, Anthony, M.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 31/44**
- (11) **WO 00/69437** (13) A1
- (21) PCT/US00/13644
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/313,585 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • USE OF AGONISTS OR ANTAGONISTS OF THE 5-HT<sub>7</sub> RECEPTOR TO TREAT DISORDERS OF THE BLADDER
- UTILISATION D'AGONISTES OU D'ANTAGONISTES VIS-A-VIS DU RECEPTEUR 5-HT<sub>7</sub> POUR TRAITER LES TROUBLES DE LA VESSIE
- (63) US 09/313,585 (CIP)  
18 May/mai 1999 (18.05.1999)
- (71) **SYNAPTIC PHARMACEUTICAL CORPORATION** [US/US]; 215 College Road, Paramus, NJ 07652 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CRAIG, Douglas, A.** [US/US]; 21 Eagle Drive, Emerson, NJ 07630 (US).
- (74) **WHITE, John, P.**; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 31/445, 31/44**
- (11) **WO 00/69438** (13) A1
- (21) PCT/GB00/01775
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 9911017.3 **13 May/mai 1999 GB (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PHARMACEUTICAL COMBINATION OF NEUROKININ RECEPTOR ANTAGONIST AND PROTON PUMP INHIBITOR
- COMBINAISON PHARMACEUTIQUE D'ANTAGONISTE DU RECEPTEUR DE LA NEUROKININE ET D'INHIBITEUR DE LA POMPE A PROTONS
- (71) **ASTRAZENECA AB** [SE/SE]; S-151 85 Södertälje (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **RUMSEY, William, Leroy** [US/US]; 1800 Concord Pike, Wilmington, DE 19850 (US). **FURR, Barrington, John, Albert** [GB/GB]; Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).
- (74) **PHILLIPS, Neil, Godfrey, Alasdair**; AstraZeneca, Global Intellectual Property, P.O. Box 272, Mereside, Alderley Park, Macclesfield, Cheshire SK10 4GR (GB).



(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **A61K 31/4453, 31/12, 31/055, 31/00, A61P 37/00**

(11) **WO 00/69439** (13) A1

(21) PCT/DK00/00253

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) PA 1999 00659 **12 May/mai 1999 DK (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CHEMICAL COMPOUNDS HAVING ION CHANNEL BLOCKING ACTIVITY FOR THE TREATMENT OF IMMUNE DYSFUNCTION

• COMPOSES CHIMIQUES AYANT UNE ACTION DE BLOCAGE DU CANAL IONIQUE POUR LE TRAITEMENT D'UNE DISFONCTION IMMUNITAIRE

(71) **NEUROSEARCH A/S** [DK/DK]; 93 Pederstrupvej, DK-2750 Ballerup (DK). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JENSEN, Bo, Skaaning** [DK/DK]; Neurosearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **OLESEN, Søren, Peter** [DK/DK]; Neurosearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **CHRISTOPHERSEN, Palle** [DK/DK]; Neurosearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK).

(74) **NEUROSEARCH A/S**; Patent Department, 93 Pederstrupvej, DK-2750 Ballerup (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **A61K 31/465, 9/50**

(11) **WO 00/69440** (13) A2

(21) PCT/GB00/01807

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 9911037.1 **13 May/mai 1999 GB (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • NICOTINE DELIVERY SYSTEMS

• PROCEDES D'APPORT DE NICOTINE

(71) **MICAP LIMITED** [GB/GB]; Regent House, Heaton Lane, Stockport, Cheshire SK4 1BS (GB).

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(72, 75) **MCNEIGHT, David, Leslie** [GB/GB]; Brow Top, Lees Lane, Wilmslow, Cheshire SK9 2LR (GB).

(74) **MCNEIGHT, David, Leslie** et al. / etc.; McNeight & Lawrence, Regent House, Heaton Lane, Stockport, Cheshire SK4 1BS (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 31/495**

(11) **WO 00/69441** (13) A1

(21) PCT/GB00/01857

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 9911183.3 **13 May/mai 1999 GB (13.05.1999)**

(30) 9911346.6 **14 May/mai 1999 GB (14.05.1999)**

(30) 9918534.0 **5 Aug/août 1999 GB (05.08.1999)**

(30) 9927005.0 **15 Nov/nov 1999 GB (15.11.1999)**

(30) 9927106.6 **16 Nov/nov 1999 GB (16.11.1999)**

(30) 0007637.2 **29 Mar/mar 2000 GB (29.03.2000)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • COMPOSITIONS AND USES OF ET743 FOR TREATING CANCER

• COMPOSITIONS ET UTILISATION D'ET743 POUR LE TRAITEMENT DU CANCER

(71) **PHARMA MAR, S.A.** [ES/ES]; Calle de la Calera, 3, Poligono Industrial de Tres Cantos, Tres Cantos, E-28760 Madrid (ES). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BOWMAN, Angela** [GB/GB]; Dept. of Clinical Oncology, Western General Hospital, Crewe Road, Edinburgh EH4 2XU (GB).

**CVITKOVIC, Esteban** [FR/FR]; 18-20, rue Pasteur, F-94278 Le Kremlin-Bicêtre (FR). **Demetri, George, Daniel** [US/US]; Department of Adult Oncology, Dana Faber Cancer Institute, 44 Binney Street, Boston, MA 02115 (US). **GUZMAN, Cecilia** [ES/ES]; Pharma Mar, S.A., Calle de la Calera, 3, Tres Cantos, E-28760 Madrid (ES). **JIMENO, José** [ES/ES]; Pharma Mar, S.A., Calle de la Calera 3, Tres Cantos, E-28760 Madrid (ES). **LÓPEZ LÁZARO Luis** [ES/ES]; Pharma Mar, S.A., Calle de la Calera 3, Tres Cantos, E-28760 Madrid (ES). **MISSET, Jean, Louis** [FR/FR]; Service d'Oncologie, Hôpital Paul Brousse, 12-14 Avenue Paul Vaillant Couturier, F-94804 Villejuif Cedex (FR). **TWELVES, C.** [GB/GB]; University of Glasgow, CRC Beatson Laboratories, Alexander Stone Building, Switchback Road, Bearsden, Glasgow G61 1BD (GB). **VON HOFF, Daniel, D.** [US/US]; Arizona Cancer Center, College of Medicine, 1515 North Campbell Avenue, Tuscon, AZ 85724-5024 (US).

(74) **RUFFLES, Graham, Keith**; Marks & Clerk, 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 31/495**

(11) **WO 00/69442** (13) A1

(21) PCT/US00/12820

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 60/134,239 **14 May/mai 1999 US (14.05.1999)**

(30) 60/135,037 **20 May/mai 1999 US (20.05.1999)**

(30) 09/548,607 **13 Apr/avr 2000 US (13.04.2000)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHODS OF MAKING AND USING N-DESMETHYLZOPICLONE

• PROCEDE DE FABRICATION ET D'APPLICATION DE N-DESMETHYLZOPICLONE

(71) **SEPRACOR INC.** [US/US]; 111 Locke Drive, Marlborough, MA 01752 (US).

(72) **JERUSSI, Thomas, P.**; 19 Garvey Road, Framingham, MA 01701 (US). **SENANAYAKE, Chrisantha, H.**; 11 Old Farm Circle, Shrewsbury, MA 01545 (US). **RUBIN, Paul, D.**; 37 Greystone Lane, Sudbury, MA 01776 (US). **HONG, Yaping**; 3 Ward Farm Circle, Framingham, MA 01701 (US). **BAKALE, Roger, A.**; 4 Comstock Drive, Shrewsbury, MA 01545 (US). **XIANG, Tingjian**; 6 Edmunds Way, Northborough, MA 01532 (US). **MCCONVILLE, Fran, A.**; 59 Westboro Road, Grafton, MA 01536 (US).

- (74) **INSOGNA, Anthony, M.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 31/7105**
- (11) **WO 00/69443** (13) A1
- (21) PCT/US00/13321
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/313,616 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ysxC  
• YSXC
- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). **SMITHKLINE BEECHAM PLC** [GB/GB]; One New Horizons, Great West Road, Brentford, Middlesex TW8 9EP (GB).
- (72) **ZALACAIN, Magdalena**; 126 Woodmint Drive, West Chester, PA 19380 (US). **WARREN, Richard, L.**; 825 Cathcart Road, Blue Bell, PA 19422 (US).
- (74) **BLOOM, Allen**; Dechert Price & Rhoads, 4000 Bell Atlantic Tower, 1717 Arch Street, Philadelphia, PA 19103-2793 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61K 31/715, C08B 37/00, A61P 25/28**
- (11) **WO 00/69444** (13) A1
- (21) PCT/EP00/04311
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) MI99A001066 **14 May/mai 1999 IT (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • GLYCOSAMINOGLYCANS HAVING AN AVERAGE MOLECULAR WEIGHT EQUAL TO 2400 D SUITABLE FOR THE TREATMENT OF SENILE DEMENTIA  
• GLYCOSAMINOGLYCANS DE POIDS MOLECULAIRE MOYEN EGAL A 2400 D S'UTILISANT DANS LE TRAITEMENT DE LA DEMENCE SENILE
- (71, 72) **CORNELLI, Umberto** [IT/IT]; c/o Cornelli Consulting S.A.S., Corso Indipendenza 1, I-20129 Milano (IT).
- (72, 75) **DE AMBROSI, Luigi** [IT/IT]; Via Carducci 8, I-13048 Santhia (IT). **HANIN, Israel** [US/US]; 1530 N. Dearborn Pkwy, Apt. 17S, Chicago, IL 60610 (US). **FAREED, Jawed** [US/US]; 11061 Eaton Court, Westchester, IL 60154 (US). **LEE, John** [US/US]; 920 Pawnee, Wilmette, IL 60091 (US). **LORENS, Stanley** [US/US]; 133 Rockford 8, Forest Park, IL 60130 (US). **MERVIS, Ronald, F.** [US/US]; 384 Cooke Road, Columbus, OH 43214 (US).
- (74) **GERVASI, Gemma**; Notarbartolo & Gervasi S.P.A., Corso di Porta Vittoria 9, I-20122 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 31/785, 45/06, A61P 9/10**
- (11) **WO 00/69445** (13) A1
- (21) PCT/US99/10568
- (22) **13 May/mai 1999 (13.05.1999)**
- (25) en (26) en
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • COMBINATION THERAPY FOR TREATING HYPERCHOLESTEROLEMIA  
• POLYTHERAPIE POUR TRAITER L'HYPERCHOLESTEROLEMIE
- (71) **GELTEX PHARMACEUTICALS, INC.** [US/US]; Nine Fourth Avenue, Waltham, MA 02154 (US).
- (72) **HUVAL, Chad, Cori**; Apartment #9, 31 Walnut Street, Somerville, MA 02143 (US). **HOLMES-FARLEY, Stephen, Randall**; 20 Norfolk Street, Arlington, MA 02474 (US). **PETERSEN, John, S.**; 1 Bellantoni Drive, Acton, MA 01720 (US). **DHAL, Pradeep, K.**; 284 Great Road, No. C6, Acton, MA 01720 (US).
- (74) **ELMORE, Carolyn, S.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 35/00**
- (11) **WO 00/69447** (13) A2
- (21) PCT/FR00/01342
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) fr (26) fr
- (30) 99/06289 **18 May/mai 1999 FR (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • USE OF MUSHROOM SPAWN AS A SUPPLEMENT OR SUPPORT FOR THERAPEUTIC NUTRITIONAL OR MICRONUTRITIONAL FORMULATIONS IN ORDER TO POTENTIATE THEIR EFFECT  
• UTILISATION DU MYCELIUM EN COMPLEMENT OU EN SUPPORT A DES COMPOSITIONS THERAPEUTIQUES NUTRITIONNELLES OU MICRONUTRITIONNELLES POUR EN POTENTIALISER L'EFFET
- (71) **SANTE NUTRITION SELECTION DIFFUSION** [FR/FR]; 42, rue Smolett, F-06300 Nice (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUIHOT, Elisabeth** [FR/FR]; 20, rue Guichard, F-94230 Cachan (FR).

(74) **CABINET HERRBURGER**; 115, boulevard Haussmann, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 35/00**

(11) **WO 00/69448** (13) A1

(21) PCT/US00/12875

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 60/134,344 **14 May/mai 1999** US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **BONE MARROW TRANSPLANTATION FOR TREATMENT OF STROKE**  
• GREFFE DE MOELLE OSSEUSE POUR TRAITER L'ACCIDENT VASCULAIRE CEREBRAL

(71) **HENRY FORD HEALTH SYSTEM** [US/US]; 1 Ford Place, 4B, Detroit, MI 48202-3450 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LI, Yi** [US/US]; 7046 Pittsford Drive, Canton, MI 48187 (US). **CHOPP, Michael** [US/US]; 28415 Brooks Lane, Southfield, MI 48034 (US).

(74) **KOHN, Kenneth, I.** et al. / etc.; Kohn & Associates, Suite 410, 30500 Northwestern Highway, Farmington Hills, MI 48334 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **A61K 35/00**

(11) **WO 00/69449** (13) A2

(21) PCT/US00/13016

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/313,538 **14 May/mai 1999** US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **CONDITIONED CELL CULTURE MEDIUM COMPOSITIONS AND METHODS OF USE**

• COMPOSITIONS DE MILIEU DE CULTURE CELLULAIRE CONDITIONNE ET TECHNIQUES D'UTILISATION

(71) **ADVANCED TISSUE SCIENCES, INC.** [US/US]; 10933 North Torrey Pines Road, La Jolla, CA 92037-1005 (US).

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

(72, 75) **NAUGHTON, Gail, K.** [US/US]; 10933 North Torrey Pines Road, La Jolla, CA 92037-1005 (US). **HORWITZ, David, L.** [US/US]; 10933 North Torrey Pines Road, La Jolla, CA 92037-1005 (US). **APPLEGATE, Mark, A.** [US/US]; 4468 Saratoga Avenue, San Diego, CA 92107 (US). **ZELTINGER, Joan** [US/US]; 4136 Camino Ticino, San Diego, CA 92122 (US). **MANSBRIDGE, Jonathan, N.** [US/US]; 1685 Calle Camille, La Jolla, CA 92037 (US). **KERN, Andreas** [GB/US]; 3950 Mahaila Avenue #J33, San Diego, CA 92122 (US). **LANDEEN, Lee, K.** [US/US]; 1221 Essex Street #10, San Diego, CA 92103 (US). **RATCLIFFE, Anthony** [GB/US]; 13673 Boquita Drive, Del Mar, CA 92104 (US). **PINNEY, R., Emmett** [US/US]; 14164 Woodcreek Road, Poway, CA 92064 (US).

(74) **CORUZZI, Laura, A.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 35/00, C07H 21/02, 21/04, C07K 14/00, C12N 15/63, 15/85, 15/86, C12Q 1/00**

(11) **WO 00/69450** (13) A1

(21) PCT/US00/13495

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/134,936 **19 May/mai 1999** US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **ONCOGENE IDENTIFICATION BY TRANSFORMATION OF RK3E CELLS AND USES THEREOF**

• IDENTIFICATION D'ONCOGENES PAR TRANSFORMATION DE CELLULES RK3E ET UTILISATIONS CORRESPONDANTES

(71) **THE UAB RESEARCH FOUNDATION** [US/US]; Suite 1120G/AB, 701 South 20th St., Birmingham, AL 35294-0111 (US).

(72) **RUPPERT, J., Michael**; 2900 Garland Circle, Birmingham, AL 35242 (US). **ENGLER, Jeffrey, Allen**; 1333 Forest Ridge Court, Birmingham, AL 35266 (US).

(74) **ADLER, Benjamin, A.**; McGregor & Adler, 8011 Candle Ln., Houston, TX 77071 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61K 35/78, 49/00, A61P 1/16**

(11) **WO 00/69451** (13) A1

(21) PCT/AU00/00440

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) PQ 0376 **14 May/mai 1999** AU (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **A METHOD OF IDENTIFYING THERAPEUTIC COMPOUNDS FOR A TREATMENT OF HEPATIC DISORDERS**

• METHODE D'IDENTIFICATION DE COMPOSES THERAPEUTIQUES DESTINES AU TRAITEMENT DE TROUBLES HEPATIQUES

(71) **THE UNIVERSITY OF NEWCASTLE RESEARCH ASSOCIATES LIMITED** [AU/AU]; Industry Development Centre, University Drive, Callaghan, NSW 2308 (AU).

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

(72, 75) **CLANCY, Robert** [AU/AU]; 11 High Street, Newcastle, NSW 2300 (AU). **BATEY, Robert** [AU/AU]; 18 Crescent Road, Charlestown, NSW 2290 (AU). **PANG, Gerald** [AU/AU]; 4/25 Billyard Avenue, Elizabeth Bay, NSW 2011 (AU).

(74) **HEISEY, Ross, Mitchell** et al. / etc.; Davies Collison Cave, Level 10, 10 Barrack Street, Sydney, NSW 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)<sup>6</sup> **A61K 35/78**  
 (11) **WO 00/69452** (13) A1  
 (21) PCT/JP99/02545  
 (22) **17 May/mai 1999 (17.05.1999)**  
 (25) ja (26) ja  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • REMEDIES FOR CANCER AND INFECTION WITH HELICOBACTER PYLORI AND PROCESS FOR PRODUCING THE SAME  
 • REMEDES CONTRE LE CANCER ET L'INFECTION A HELICOBACTER PYLORI ET LEUR PROCEDE DE PRODUCTION  
 (71, 72) **TAKEDA, Yoshio** [JP/JP]; 16-36, Suzukawa-machi 3-chome, Yamagata-shi, Yamagata 990-0062 (JP). **YOKOUCHI, Masanori** [JP/JP]; Grand Form Koenji 201, 13-22, Koenji-Minami 5-chome, Suginami-ku, Tokyo 166-0003 (JP).  
 (74) **MATSUYAMA, Keisuke** et al. / etc.; Minami-Shinjuku Building, 10-12, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).  
 (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61K 35/78, A61P 9/12, 39/06, A23L 1/30**  
 (11) **WO 00/69453** (13) A1  
 (21) PCT/JP00/03052  
 (22) **12 May/mai 2000 (12.05.2000)**  
 (25) ja (26) ja  
 (30) 11/133265 **13 May/mai 1999 JP (13.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • SOD-LIKE COMPOSITION AND BLOOD-PRESSURE CONTROLLING AGENT  
 • COMPOSITION DU TYPE SOD, ET AGENT REGULATEUR DE LA PRESION SANGUINE  
 (71) **TOYO HAKKO CO., LTD.** [JP/JP]; 89, Oiwake-cho 3-chome, Obu-shi, Aichi 474-0027 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **KIMURA, Akihiko** [JP/JP]; Toyo Hakko Co., Ltd., 89, Oiwake-cho 3-chome, Obu-shi, Aichi 474-0027 (JP). **OMORI, Masaki** [JP/JP]; Toyo Hakko Co., Ltd., 89, Oiwake-cho 3-chome, Obu-shi, Aichi 474-0027 (JP). **TAKADA, Atsushi** [JP/JP]; Toyo Hakko Co., Ltd., 89, Oiwake-cho 3-chome, Obu-shi, Aichi 474-0027 (JP).  
 (74) **KOJIMA, Seiji**; Atsuta Daidoseimei-Building 2F, 7-26, Jingu 3-chome, Atsuta-ku, Nagoya-shi, Aichi 456-0031 (JP).  
 (81) AU CN ID JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61K 38/17, 38/18, 39/00, 48/00**  
 (11) **WO 00/69454** (13) A1  
 (21) PCT/US00/13574  
 (22) **17 May/mai 2000 (17.05.2000)**  
 (25) en (26) en  
 (30) 60/134,581 **17 May/mai 1999 US (17.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • SUPPRESSION OF ENDOGENOUS IGFBP-2 TO INHIBIT CANCER  
 • SUPPRESSION DE L'IGFBP-2 ENDOGENE VISANT A INHIBER LE CANCER  
 (63) US 60/134,581 (CON)  
 17 May/mai 1999 (17.05.1999)  
 (71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 7th Street, Austin, TX 78701 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **CHAKRABARTY, Shila** [-/US]; 11013 31st Avenue N, Texas City, TX 77591 (US). **SINGH, Pomila** [-/US]; 3026 Acorn Woodway, Houston, TX 77059 (US).  
 (74) **SHISHIMA, Gina, N.**; Fulbright & Jaworski, L.L.P., Suite 2400, 600 Congress Avenue, Austin, TX 78701 (US).  
 (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).  
 Published / Publiée : (c)
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- (51)<sup>7</sup> **A61K 39/00**  
 (11) **WO 00/69455** (13) A2  
 (21) PCT/EP00/04011  
 (22) **4 May/mai 2000 (04.05.2000)**  
 (25) de (26) de  
 (30) 199 22 407.2 **14 May/mai 1999 DE (14.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • ORGAN, TISSUE AND CELL-SPECIFIC IMMUNO-THERAPEUTIC FOR CHRONIC VIRAL INFECTIONS AND INFLAMMATORY, DEGENERATIVE AND PROLIFERATIVE DISEASES, IN PARTICULAR OF THE LIVER, AND FOR CANCER, BASED ON A RECOMBINANT PARAPOX VIRUS  
 • AGENT IMMUNO-THERAPEUTIQUE SPECIFIQUE DES ORGANES, TISSUS ET CELLULES POUR DES INFECTIONS VIRALES CHRONIQUES, DES AFFECTIONS PROLIFERATIVES, DEGENERATIVES ET INFLAMMATOIRES, EN PARTICULIER DU FOIE, ET LE CANCER, A BASE DE PARAPOXVIRUS RECOMBINE  
 (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- 
- (72, 75) **WEBER, Olaf** [DE/DE]; Langendorfer Strasse 15, D-42489 Wülfrath (DE). **SIEGLING, Angela** [DE/DE]; Claudiusweg 7, D-42115 Wuppertal (DE). **SCHLAPP, Tobias** [DE/DE]; Gerstenkamp 10, D-51061 Köln (DE).  
 (74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 39/00**  
 (11) **WO 00/69456** (13) A2  
 (21) PCT/US00/13156  
 (22) **12 May/mai 2000 (12.05.2000)**  
 (25) en (26) en  
 (30) 60/133,963 **13 May/mai 1999 US (13.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • ADJUVANT COMBINATION FORMULATIONS  
 • PREPARATIONS DE COMBINAISONS D'ADJUVANTS  
 (71) **AMERICAN CYANAMID COMPANY** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **HAGEN, Michael** [CA/US]; 12 Summit Oaks, Pittsford, NY 14534 (US).  
 (74) **GORDON, Alan, M.**; American Home Products Corporation, Patent Law Dept. - 2B2, One Campus Drive, Parsippany, NJ 07054 (US) et al. / etc.  
 (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 39/085, 45/00**  
 (11) **WO 00/69457** (13) A1  
 (21) PCT/US00/13402  
 (22) **15 May/mai 2000 (15.05.2000)**  
 (25) en (26) en

- (30) 60/134,386 **15 May/mai 1999** US  
(15.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● PROTEIN A BASED BINDING DOMAINS WITH DESIRABLE ACTIVITIES  
● DOMAINES AVEC ACTIVITES VOULUES FONDES SUR LA PROTEINE A
- (63) US 60/134,386 (CON)  
15 May/mai 1999 (15.05.1999)
- (71) **UNIVERSITY OF CALIFORNIA, SAN DIEGO** [US/US]; 9500 Gilman Drive, La Jolla, CA 92093 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SILVERMAN, Gregg, J.** [US/US]; 1256 Quail Garden Court, Encinitas, CA 92024 (US).
- (74) **TAYLOR, Stacy, L.** et al. / etc.; Foley & Lardner, 402 West Broadway, 23rd Floor, San Diego, CA 92101-3542 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 39/395**
- (11) **WO 00/69459** (13) A1
- (21) PCT/US00/11756
- (22) **1 May/mai 2000 (01.05.2000)**
- (25) en (26) en
- (30) 09/312,284 **14 May/mai 1999** US  
(14.05.1999)
- (30) 09/374,028 **13 Aug/août 1999** US  
(13.08.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● TREATMENT OF REFRACTORY HUMAN TUMORS WITH EPIDERMAL GROWTH FACTOR RECEPTOR ANTAGONISTS  
● TRAITEMENT DE TUMEURS HUMAINES REFRACTAIRES AVEC DES ANTAGONISTES DE RECEPTEURS DU FACTEUR DE CROISSANCE EPI-  
DERMIQUE
- (71) **IMCLONE SYSTEMS INCORPORATED** [US/US]; 180 Varick Street, New York, NY 10014 (US).
- (72) **WAKSAL, Harlan, W.**; 85 Stonebridge Road, Montclair, NJ 07042 (US).
- (74) **FEIT, Irving, N.**; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 39/39**
- (11) **WO 00/69458** (13) A2
- (21) PCT/DK00/00251
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) PA 1999 00655 **12 May/mai 1999** DK  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ADJUVANT COMBINATIONS FOR IMMUNIZATION COMPOSITION AND VACCINES  
● COMBINAISONS D'ADJUVANTS POUR COMPOSITION IMMUNISANTE ET VACCINS
- (71) **STATENS SERUM INSTITUT** [DK/DK]; Artillerivej 5, DK-2300 Copenhagen S (DK).
- (72) **LINDBLAD, Erik, B.**; 1B, II th Haveselskabets Vej, DK-1823 Frederiksberg (DK). **ELHAY, Martin, J.**; 34 Connel Street, Hawthorn, VIC 3122 (AU). **ANDERSEN, PETER**; Sparreholmsvej 47, DK-2700 Brønshøj (DK). **BRANDT, Lise, Østergaard**; 23, 4. floor Baadsmadsstræde, DK-1407 Copenhagen K (DK).
- (74) **FINK, Kirsten**; Patent Manager, Statens Serum Institut, 5 Artillerivej, DK-2300 Copenhagen S (DK).
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- (51)<sup>7</sup> **A61K 39/395, A61P 35/00 // (A61K 39/395, 31:335)**
- (11) **WO 00/69460** (13) A1
- (21) PCT/US00/12552
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 60/134,085 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● TREATMENT WITH ANTI-ErbB2 ANTIBODIES  
● TRAITEMENT AVEC DES ANTICORPS ANTI-ERBB2
- (71) **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).
- (72) **COHEN, Robert, L.**; 660 Parrott Drive, San Mateo, CA 94402 (US).
- (74) **LEE, Wendy, M.** et al. / etc.; Genentech, Inc., 1 DNA Way, South San Francisco, CA 94080-4990 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 39/395, C07K 16/18, 16/28**
- (11) **WO 00/69461** (13) A1
- (21) PCT/US00/12727
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 60/133,756 **12 May/mai 1999** US  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ANTIBODY VACCINE FOR AUTOIMMUNE DISEASES  
● VACCIN A ANTICORPS CONTRE DES MALADIES AUTO-IMMUNES
- (71) **THE UAB RESEARCH FOUNDATION** [US/US]; 701 South 20th Street, Suite 1120G/AB, Birmingham, AL 35294-0111 (US).
- (72) **BLALOCK, James, Edwin**; 1932 Shade Crest Road, Vestavia Hills, AL 35216 (US). **GALIN, F., Shawn**; 1932 Shade Crest Road, Vestavia Hills, AL 35216 (US). **WHITAKER, John, Nicholas**; 4312 Glenwood Drive, Birmingham, AL 35222 (US).
- (74) **ADLER, Benjamin, A.**; McGregor & Adler, LLP, 8011 Candle Lane, Houston, TX 77071 (US).
- (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61K 39/395, 39/42, C12Q 1/00, 1/70, G01N 33/53**
- (11) **WO 00/69462** (13) A1
- (21) PCT/US00/13694
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 60/134,702 **18 May/mai 1999** US  
(18.05.1999)

- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HUMAN MONOCLONAL ANTIBODY  
• ANTICORPUS MONOCLONAL HUMAN
- (71) SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GROSS, Mitchell, S. [US/US]; 667 Pugh Road, Wayne, PA 19087 (US). SWEET, Raymond, W. [US/US]; 108 Edgell Road, Bala Cynwyd, PA 19004 (US). TAYLOR, Geraldine [GB/GB]; Compton, Newbury, Berkshire RG20 7NN (GB).
- (74) BAUMEISTER, Kirk et al. / etc.; Smithkline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).
- (81) AE AL AU BA BB BG BR CA CN CZ DZ EE GE GH GM HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK SL TR TT TZ UA US UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 39/395, A61P 35/00
- (11) WO 00/69463 (13) A1
- (21) PCT/US00/08081
- (22) 27 Mar/mar 2000 (27.03.2000)
- (25) en (26) en
- (30) 99401191.4 17 May/mai 1999 EP (17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • COMPOSITIONS AND METHODS FOR TREATING CELL PROLIFERATION DISORDERS  
• COMPOSITIONS ET PROCÉDES DESTINÉS AU TRAITEMENT DES TROUBLES LIÉS À LA PROLIFÉRATION CELLULAIRE
- (71) SCHERING CORPORATION [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US). INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE [FR/FR]; 101, rue de Tolbiac, F-75654 Paris Cedex 13 (FR). INSTITUT CURIE [FR/FR]; 26, rue d'Ulm, F-75248 Paris Cedex 05 (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FRIDMAN, Hervé [FR/FR]; 27, rue Bertholet, 75005 Paris (FR). TARTOUR, Eric [FR/FR]; 35, rue Guersant, F-75005 Paris (FR). BANCHEREAU, Jacques [FR/US]; 2752 Gaston Avenue, Apt. 1215, Dallas, TX 75226 (US). FOSSIEZ, François [FR/FR]; 111, rue du Berger, F-69280 Marcy l'Etoile (FR). LEBECQUE, Serge, J., E. [BE/FR]; 54, chemin du Marand, F-69380 Civrieux d'Azergues (FR).
- (74) FRANKS, Robert, A. et al. / etc.; Schering-Plough Corporation, Patent Dept. K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LU LV MA MD MG MK MN MX NO NZ PL PT RO RU SE SG SI SK SL TJ TM TR TT TZ UA US UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 45/00, 31/4985, 31/437, A61P 25/22, 25/24, 25/16, C07D 471/04, 487/04
- (11) WO 00/69464 (13) A1
- (21) PCT/JP00/03015
- (22) 11 May/mai 2000 (11.05.2000)
- (25) ja (26) ja
- (30) 11/131108 12 May/mai 1999 JP (12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • NOVEL USE  
• NOUVELLE UTILISATION
- (71) FUJISAWA PHARMACEUTICAL CO., LTD. [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MATSUOKA, Nobuya [JP/JP]; 8-6-15, Hikaridai, Seika-cho, Souraku-gun, Kyoto 619-0237 (JP). MORIGUCHI, Akira [JP/JP]; 7-1-50, Minamikasugaoka, Ibaraki-shi, Osaka 567-0046 (JP). TADA, Miho [JP/JP]; 2-32-3-402, Tsukaguchi-cho, Amagasaki-shi, Hyogo 661-0002 (JP). MIHARA, Takuma [JP/JP]; 2-13-23, Wakabadai, Heguri-cho, Ikoma-gun, Nara 636-0938 (JP).
- (74) TABUSHI, Eiji; Fujisawa Pharmaceutical Co., Ltd. Osaka Factory, 1-6, Kashima 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8514 (JP).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 45/00, 31/155, 31/095, 31/44, 31/74, 33/00, 33/08, 33/44, 38/06, 31/198, A61M 1/16, 1/36, A61P 7/08
- (11) WO 00/69466 (13) A1
- (21) PCT/JP00/03029
- (22) 11 May/mai 2000 (11.05.2000)
- (25) ja (26) ja
- (30) 11/131978 12 May/mai 1999 JP (12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TRAPPING AGENT FOR BLOOD CARBONYL COMPOUNDS  
• AGENT DE PIEGEAGE DE COMPOSES CARBONYLES SANGUINS

- (71) **KUROKAWA, Kiyoshi** [JP/JP]; Ichigaya-hills 401, 49, Ichigaya Yanagi-cho, Sinjuku-ku, Tokyo 162-0061 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **MIYATA, Toshio** [JP/JP]; 4-2-3-101, Higashinaruse, Isehara-shi, Kanagawa 259-1117 (JP).
- (74) **SHIMIZU, Hatsushi** et al. / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 45/06, A61P 35/00**
- (11) **WO 00/69467** (13) A1
- (21) PCT/EP00/03407
- (22) **14 Apr/avr 2000 (14.04.2000)**
- (25) en (26) en
- (30) 9911582.6 **18 May/mai 1999 GB (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • COMBINED METHOD OF TREATMENT COMPRISING AN AROMATASE INHIBITOR AND A FURTHER BIOLOGICALLY ACTIVE COMPOUND
- METHODE DE TRAITEMENT COMBINÉE METTANT EN OEUVRE UN INHIBITEUR D'AROMATASE ET UN AUTRE COMPOSE BIOLOGIQUEMENT ACTIF
- (71) **PHARMACIA & UPJOHN S.P.A.** [IT/IT]; Via Robert Koch, 1.2, I-20152 Milan (IT).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DI SALLE, Enrico** [IT/IT]; Viale A. Doria, 5, I-20124 Milan (IT). **ZACCHEO, Tiziana** [IT/IT]; Via B. Diotti 27, I-20153 Milan (IT). **TEDESCHI, Michele** [IT/IT]; Via Soderini 55, I-20146 Milan (IT).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (a)
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- (51)<sup>7</sup> **A61K 45/06**
- (11) **WO 00/69468** (13) A1
- (21) PCT/EP00/03943
- (22) **3 May/mai 2000 (03.05.2000)**
- (25) de (26) de
- (30) 199 21 693.2 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • NOVEL MEDICAMENT COMPOSITIONS, BASED ON ANTICHOLINERGICALLY EFFECTIVE COMPOUNDS AND BETA-MIMETICS
- NOUVELLES COMPOSITIONS MÉDICAMENTEUSES À BASE DE COMPOSES À ACTION ANTICHOLINERGIQUE ET DE BÉTAMÉTIQUES
- (71) **BOEHRINGER INGELHEIM PHARMACEUTICALS INC.** [DE/DE]; D-55216 Ingelheim am Rhein (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PAIRET, Michel** [FR/DE]; August-Gerlach-Str. 22, D-55442 Stromberg (DE). **REICHL, Richard** [DE/DE]; Im Hippel 55, D-55435 Gau-Algesheim (DE). **WALLAND, Alexander** [DE/DE]; Wilhelm-Leuscher-Str. 20, D-55218 Ingelheim am Rhein (DE). **BOZUNG, Karl-Heinz** [DE/DE]; Hindemithstr. 39, D-55127 Mainz (DE).
- (74) **LAUDIEN, Dieter**; Boehringer Ingelheim GmbH, B Patente, D-55216 Ingelheim am Rhein (DE).
- (81) AE AU BG BR CA CN CZ EE HR HU ID IL IN JP KR LT LV MX NO NZ PL RO SG SI SK TR UA US UZ VN YU ZA; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **A61K 47/00**
- (11) **WO 00/69469** (13) A1
- (21) PCT/US99/10596
- (22) **13 May/mai 1999 (13.05.1999)**
- (25) en (26) en
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TOPICAL COMPOSITIONS FOR PROSTAGLANDIN E<sub>1</sub> DELIVERY
- COMPOSITIONS TOPIQUES D'APPORT DE PROSTAGLANDINE E<sub>1</sub>
- (63) US 08/954,509 (CIP)  
5 Nov/nov 1997 (05.11.1997)
- (71) **NEXMED HOLDINGS, INC.** [US/US]; 350 Corporate Boulevard, Robinsville, NJ 08691 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YEAGER, James, L.** [US/US]; 820 Warwick Road, Deerfield, IL 60015 (US). **BUYUKTIMKIN, Nadir** [TR/US]; 2313 Willow Creek, Lawrence, KS 66049 (US).
- BUYUKTIMKIN, Servet** [TR/US]; 2313 Willow Creek, Lawrence, KS 66049 (US).
- (74) **ZIMMERMAN, Roger, P.**; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 47/10, 47/36, 9/06, 9/08, 9/10**
- (11) **WO 00/69470** (13) A2
- (21) PCT/US00/13260
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 60/134,442 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • IMPROVED CELLULAR UPTAKE OF BIOACTIVE AGENTS
- ASSIMILATION CELLULAIRE AMÉLIORÉE D'AGENTS BIOACTIFS
- (71) **AESGEN, INC.** [US/US]; P.O. Box 7275, Princeton, NJ 08543-7275 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **SHINAL, Edward, C.** [US/US]; 10 Sherwood Court, Holmdel, NJ 07733 (US). **PETIT, Robert, G.** [US/US]; 2 Research Way, Princeton, NJ 08540 (US).
- (74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 47/10, 47/14, 31/167, A61P 23/02**
- (11) **WO 00/69471** (13) A1
- (21) PCT/US00/09243
- (22) **6 Apr/avr 2000 (06.04.2000)**
- (25) en (26) en
- (30) 60/134,888 **19 May/mai 1999 US (19.05.1999)**

- (30) 09/356,137 **19 Jul/juil 1999** US  
(19.07.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ENHANCED TRANSDERMAL ANESTHESIA OF LOCAL ANESTHETIC AGENTS  
● ANESTHESIE TRANSCUTANEE AMELIOREE AU MOYEN D'AGENTS ANESTHESIQUES LOCAUX
- (71) **THE UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.** [US/US]; 632 Boyd Graduate Studies Research Center, Athens, GA 30602-7411 (US).
- (72) **JUN, H., Won;** 330 Millstone Circle, Athens, GA 30605 (US). **KANG, Lisheng;** 101 College Station Road, Apt. A103, Athens, GA 30605 (US).
- (74) **SANDBERG, Victoria, A.;** Mueeting, Raasch, & Gebhardt, P.A., P.O. Box 581415, Minneapolis, MN 55458-1415 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **A61K 47/48**
- (11) **WO 00/69472** (13) A2
- (21) PCT/US00/10327
- (22) **17 Apr/avr 2000 (17.04.2000)**
- (25) en (26) en
- (30) 60/134,135 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ENZYME-ACTIVATED ANTI-TUMOR PRODRUG COMPOUNDS  
● COMPOSES DE PROMEDICAMENTS ANTI-TUMORAUX ACTIVES PAR DES ENZYMES
- (71) **BOEHRINGER INGELHEIM PHARMACEUTICALS, INC.** [US/US]; 900 Ridgebury Road, Ridgefield, CT 06877 (US).
- (72) **FIRESTONE, Raymond, A.;** 59 Barnes Road, Stamford, CT 06902 (US). **TELAN, Leila, A.;** 14 Evergreen Square, Apt.3, Somerville, MA 02143 (US).
- (74) **RAYMOND, Robert** et al. / etc.; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877 (US).
- (81) CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61K 49/00**
- (11) **WO 00/69473** (13) A2
- (21) PCT/US00/13300
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,329 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● MACROMOLECULAR CARRIER FOR DRUG AND DIAGNOSTIC AGENT DELIVERY  
● SUPPORT MACROMOLECULAIRE POUR MEDICAMENT ET ADMINISTRATION D'UN AGENT DIAGNOSTIQUE
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200 (US).
- (72) **VERA, David, R.;** 3450 3rd Avenue, #310, San Diego, CA 92103 (US).
- (74) **MUSICK, Eleanor, M.** et al. / etc.; Brown, Martin, Haller & McClain, 1660 Union Street, San Diego, CA 92101-2926 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 51/00**
- (11) **WO 00/69474** (13) A1
- (21) PCT/US00/13245
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/311,803 **13 May/mai 1999** US  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHODS FOR TREATING AVM USING RADIOACTIVE COMPOSITIONS  
● PROCEDES POUR TRAITER DES MALFORMATIONS ARTERIOVEINEUSES AU MOYEN DE COMPOSITIONS RADIOACTIVES
- (63) US 09/311,803 (CON)  
13 May/mai 1999 (13.05.1999)
- (71) **MICRO THERAPEUTICS, INC.** [US/US]; 2 Goodyear, Irvine, CA 92618 (US). **GREFF, Richard, J.** [US/US]; 2891 Alton Drive, St. Pete Beach, FL 33706 (US).  
(for all designated States except / pour tous les États désignés sauf US)
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- (72, 75) **WALLACE, George** [US/US]; 10 Brentano Drive, Coto De Caza, CA 92679 (US).
- (74) **KREBS, Robert, E.** et al. / etc.; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61L 2/18, 2/26**
- (11) **WO 00/69475** (13) A1
- (21) PCT/US00/13730
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 09/314,497 **19 May/mai 1999** US  
(19.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● FLOW THROUGH CHEMICAL INDICATOR FOR MEASUREMENT OF BIOCIDAL AGENTS  
● INDICATEUR CHIMIQUE A RENOUVELLEMENT CONTINU POUR MESURER DES AGENTS BIOCIDES
- (71) **STERIS CORPORATION** [US/US]; 5960 Heisley Road, Mentor, OH 44060 (US).
- (72) **SCHINDLEY, Brian, E.;** 8404 Nowlen Street, Mentor, OH 44060 (US). **FRICKER, Christopher, M.;** 7960 Fieldstone Court, Concord, OH 44060 (US). **GRIGNOL, George, E.;** 5401 W. 52nd Street, Fairview, PA 16415 (US).
- (74) **HAAS, Steven, M.** et al. / etc.; Fay, Sharpe, Fagan, Minnich & McKee, LLP, 1100 Superior Avenue, Seventh Floor, Cleveland, OH 44114-2518 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **A61L 2/26, 2/07, 2/20, B65D 21/08, B65B 55/14**
- (11) **WO 00/69476** (13) A1
- (21) PCT/AU00/00459
- (22) **12 May/mai 2000 (12.05.2000)**



- (25) en (26) en
- (30) PQ 0365 **14 May/mai 1999** AU  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● STERILIZATION CONTAINER  
● RECIPIENT DE STERILISATION
- (71) **FAIRMONT MEDICAL PRODUCTS PTY LTD** [AU/AU]; 4/21 Malvern Street, Bayswater, Victoria 3153 (AU).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VERSCHUUR, Mark** [AU/AU]; 63 Edinburgh Road, Lilydale, Victoria 3140 (AU).
- (74) **FREEHILLS PATENT ATTORNEYS;** Level 32, MLC Centre, Martin Place, Sydney, NSW 2000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61L 9/01, A01K 1/015**
- (11) **WO 00/69478** (13) A1
- (21) PCT/US00/13193
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/312,186 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ODOR REDUCING COMPOSITIONS  
● COMPOSITIONS POUR REDUIRE LES ODEURS
- (71) **CALWOOD CHEMICAL INDUSTRIES, INC.** [US/US]; 5331 Landing Road, Elkridge, MD 21227 (US).
- (72) **CALTON, Gary;** 5331 Landing Road, Elkridge, MD 21075 (US). **COOK, John, B.;** 703 Creekview Circle, Phoenixville, PA 19460 (US).
- (74) **ARTALE, Beverly, J.;** Suite 001, 3826 Sunflower Circle, Mitchellville, MD 20721 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> **A61L 9/03, A01M 1/20**
- (11) **WO 00/69479** (13) A1
- (21) PCT/US00/13923
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 09/314,805 **19 May/mai 1999** US  
(19.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● APPARATUS FOR VOLATILIZING AND DISPENSING A CHEMICAL  
● APPAREIL DE VOLATILISATION ET DE DISPERSION DE PRODUIT CHIMIQUE
- 
- (71) **S.C. JOHNSON & SON, INC.** [US/US]; 1525 Howe Street, Racine, WI 53403 (US).
- (72) **DEMAREST, Scott, W.;** 7607 West River Road, Caledonia, WI 53108 (US). **DANCS, Imre, J.;** 12055 West Crawford Court, Greenfield, WI 53228 (US). **HOUSER, David, J.;** 3050 Michigan Blvd., Racine, WI 53402 (US).
- (74) **HOUSER, David, J.** et al. / etc.; S.C. Johnson & Son, Inc., Patent Section, 1525 Howe Street, Racine, WI 53403 (US).
- (81) AU BR CA CN CZ HU JP KR MX NO NZ PL RU SG ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61L 15/18, 15/42**
- (11) **WO 00/69480** (13) A1
- (21) PCT/IB00/00592
- (22) **8 May/mai 2000 (08.05.2000)**
- (25) en (26) en
- (30) 99/3273 **12 May/mai 1999** ZA  
(12.05.1999)
- (30) 99/6118 **23 Sep/sep 1999** ZA  
(23.09.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● CERAMIC WOUND TREATMENT DEVICE  
● DISPOSITIF DE TRAITEMENT DES PLAIES EN CERAMIQUE
- (71) **D & E CRYO CC** [ZA/ZA]; 22 Siyayi Avenue, 3867 Mtunzini (ZA).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EISELEN, Ernst, Richard** [ZA/ZA]; 5 Station Road, 3867 Mtunzini (ZA).
- (74) **LE ROUX, Marius;** D.M. Kisch Inc., P.O. Box 781218, 2146 Sandton (ZA).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61L 15/18, 15/20, 15/34, 15/46**
- (11) **WO 00/69481** (13) A1
- (21) PCT/US99/11374
- (22) **21 May/mai 1999 (21.05.1999)**
- (25) en (26) en
- (30) PCT/US99/10986 **19 May/mai 1999** US  
(19.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ABSORBENT ARTICLE WITH SKIN CARE COMPOSITION
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- (51)<sup>7</sup> **A61L 9/00, B01D 53/34, 53/36**
- (11) **WO 00/69477** (13) A1
- (21) PCT/KR00/00296
- (22) **1 Apr/avr 2000 (01.04.2000)**
- (25) ko (26) en
- (30) 1999/11461 **1 Apr/avr 1999** KR  
(01.04.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● PROCESS FOR PREVENTING AIR POLLUTION BY USING ULTRAVIOLET RAY  
● PROCEDE DE PREVENTION DE LA POLLUTION DE L'AIR PAR RAYONNEMENT ULTRAVIOLET
- (71) **KUNCHONG HI-TECH CO., LTD.** [KR/KR]; Dug-young B/D, 5 Fl., 423-5, Dogok-dong, Kangnam-ku, Seoul 135-270 (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIM, Chang-Kuk** [KR/KR]; 116 Dong 2001 Ho Han-ul Apt., 476, Gaebong-dong, Kuro-ku, Seoul 152-090 (KR).
- (74) **PARK, Hae-Sun** et al. / etc.; 824-19 Dong-kyong Building, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

- ARTICLE ABSORBANT ENDUIT D'UNE COMPOSITION DERMATOLOGIQUE
- (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) **DECKNER, George, Endel** [US/US]; 10572 Tanager Hills Drive, Cincinnati, OH 45249 (US). **GRAY, Brian, Francis** [CA/JP]; 5-15-916 Koyo-cho Naka, Higashinada-ku, Kobe 658-0032 (JP). **MINOGUCHI, Ryo** [JP/JP]; 1379-1-401, Mikage-Shinotsubo, Mikage-cho, Higashinada-ku, Kobe 658-0056 (JP). **NIHARA, Kaoru** [JP/JP]; 1-2-11-4A, Kaminoki-Dori, Nada-ku, Kobe 657-0057 (JP). **SCHMIDT, Robert, Raymond** [US/US]; 504 General Drive, Ft. Wright, KY 41011 (US). **WARREN, Raphael** [US/US]; 6715 West Farm Acres Drive, Cincinnati, OH 45237 (US).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>6</sup> **A61L 15/34, A61F 13/15**
- (11) **WO 00/69483** (13) A1
- (21) PCT/US99/22842
- (22) **1 Oct/oct 1999 (01.10.1999)**
- (25) en (26) en
- (30) PCT/US99/10986 **19 May/mai 1999** US (19.05.1999)
- (30) PCT/US99/11330 **21 May/mai 1999** US (21.05.1999)
- (30) PCT/US99/11374 **21 May/mai 1999** US (21.05.1999)
- (30) PCT/US99/11372 **21 May/mai 1999** US (21.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ABSORBENT ARTICLE WITH SKIN CARE COMPOSITION
- ARTICLE ABSORBANT CONTENANT UNE COMPOSITION POUR LE SOIN POUR LA PEAU
- (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) **DECKNER, George, Endel** [US/US]; 10572 Tanager Hills Drive, Cincinnati, OH 45249 (US). **GRAY, Brian, Francis** [CA/JP]; Entente 916 Koyo-cho Naka 5-15, Higashinada-ku, Kobe 658-0032 (JP). **MINOGUCHI, Ryo** [JP/JP]; 1379-1-401, Mikage-Shinotsubo, Mikage-cho, Higashinada-ku, Kobe 658-0056 (JP). **NIHARA, Kaoru** [JP/JP]; 4-31, Shinnouzu-cho, Ashiya-shi, Hyogo 659 (JP). **SCHMIDT, Robert, Raymond** [US/US]; 504 General Drive, Ft. Wright, KY 41011 (US). **WARREN, Raphael** [US/US]; 6715 West Farm Acres Drive, Cincinnati, OH 45237 (US).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LR LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61L 15/34, 15/18**
- (11) **WO 00/69482** (13) A1
- (21) PCT/US99/11372
- (22) **21 May/mai 1999 (21.05.1999)**
- (25) en (26) en
- (30) PCT/US99/10986 **19 May/mai 1999** US (19.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ABSORBENT ARTICLE WITH SKIN CARE COMPOSITION
- ARTICLE ABSORBANT ENDUIT D'UNE COMPOSITION DERMATOLOGIQUE
- (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) **GRAY, Brian, Francis** [CA/JP]; 5-15-916, Koyo-cho Naka, Higashinada-ku, Kobe 658-0032 (JP). **MINOGUCHI, Ryo** [JP/JP]; 1379-1-401, Mikage-Shinotsubo, Mikage-cho, Higashinada-ku, Kobe 658-0056 (JP).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **A61L 15/34, 15/18**
- (11) **WO 00/69485** (13) A1
- (21) PCT/US00/13851
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) PCT/US99/10986 **19 May/mai 1999** US (19.05.1999)
- (30) PCT/US99/11372 **21 May/mai 1999** US (21.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **ABSORBENT ARTICLE WITH SKIN CARE COMPOSITION**
- **ARTICLE ABSORBANT CONTENANT UNE COMPOSITION DE SOIN DE LA PEAU**
- (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) **GRAY, Brian, Francis** [CA/JP]; Entente 916 Koyo-cho Naka 5-15, Higashinada-ku, Kobe 658-0032 (JP). **MINO-GUCHI, Ryo** [JP/JP]; 1379-1-401, Mikage-Shinotosubo, Mikage-cho Higashinada-ku, Kobe 658-0056 (JP). **NIHARA, Kaoru** [JP/JP]; 4-31 Shinnouzuka-cho, Ashiya-shi, Hyogo 659 (JP). **WARREN, Raphael** [US/US]; 6715 West Farm Acres Drive, Cincinnati, OH 45237 (US).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **A61L 27/38, 27/56**
- (11) **WO 00/69486** (13) A1
- (21) PCT/DE00/01515
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) de (26) de
- (30) 299 08 574.0 **14 May/mai 1999** DE (14.05.1999)
- (30) 199 22 308.4 **14 May/mai 1999** DE (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **IMPLANT FOR FILLING A DAMAGED CAVITY IN A TISSUE**
- **IMPLANT POUR COMBLER LA CAVITE ENDOMMAGEE D'UN TISSU**
- (71, 72) **GEHL, Gerolf** [DE/CH]; Zürichstr. 56, CH-8700 Küsnacht (CH).
- (74) **GASSNER, Wolfgang**; Nägelsbachstr. 49 A, D-91052 Erlangen (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> **A61L 29/06, A61M 25/10**
- (11) **WO 00/69487** (13) A1
- (21) PCT/JP00/03141
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) ja (26) ja
- (30) 11/171473 **16 May/mai 1999** JP (16.05.1999)
- (30) 2000/180528 **15 May/mai 2000** JP (15.05.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **BALLOON CATHETER, PROCESS FOR PRODUCING THE SAME AND METHOD FOR FIXING BALLOON TO CATHETER TUBE**
- **CATHETER A BALLONNET, PROCEDE DE FABRICATION ASSOCIE ET PROCEDE DE FIXATION D'UN BALLONNET A UNE TUBULURE DE CATHETER**
- (71) **YS, MEDICAL CO., LTD.** [JP/JP]; 104, Terao, Kawagoe-City, Saitama 350-1141 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YOSHINO, Yosuke** [JP/JP]; 225, Terao, Kawagoe-City, Saitama 350-1141 (JP). **KIMURA, Masanori** [JP/JP]; Hirakawa Fewteck K.K., 1144, Higashi Ushigaya, Sowa-machi, Sashima-gun, Ibaraki 306-0232 (JP). **TAKEZAWA, Takashi** [JP/JP]; Hirakawa Fewteck K.K., 1144, Higashi Ushigaya, Sowa-machi, Sashima-gun, Ibaraki 306-0232 (JP).
- (74) **YOSHIDA, Yoshiharu**; Shuwa No. 2 Toranomom Building, 6th floor, 21-19, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)<sup>7</sup> **A61M**
- (11) **WO 00/69488** (13) A2
- (21) PCT/SE00/00936
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 9901736-0 **12 May/mai 1999** SE (12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **INJECTION DEVICE AND METHOD FOR ITS OPERATION**
- **DISPOSITIF D'INJECTION ET SON MODE DE FONCTIONNEMENT**
- (71) **PHARMACIA & UPJOHN AB** [SE/SE]; S-112 87 Stockholm (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HJERTMAN, Birger** [SE/SE]; Svärdslijevägen 186, S-162 43 Vällingby (SE). **RAMSEYER, Markus** [CH/CH]; Wildenrütli 418a, CH-3661 Uetendorf (CH). **ARBORGH, Jiri** [SE/SE]; c/o Ydring, Östermalmsgatan 52 nb, S-903 32 Umeå (SE). **FRIDHOLM, Jonas** [SE/SE]; Tunnlandsvägen 46, S-168 36 Bromma (SE). **HIMBERT, Hans** [SE/SE]; Tacitusvägen 28, S-161 53 Bromma (SE). **CRAFOORD, Carl-Göran** [SE/SE]; Kevinge Strand 21 A, S-182 57 Danderyd (SE).
- (74) **ELWE, Magnus** et al. / etc.; Pharmacia & Upjohn AB, S-112 87 Stockholm (SE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **A61M 1/00, 37/00, F04B 17/00, 35/04, 9/12, 35/02**
- (11) **WO 00/69489** (13) A1
- (21) PCT/US00/13992
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 09/313,268 **18 May/mai 1999** US (18.05.1999)

- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SUPPLEMENTAL PORT FOR CATHETER PERFUSION OF SURGICAL SITE  
● ORIFICE SUPPLEMENTAIRE POUR PERFUSION PAR CATHETER DE SITE CHIRURGICAL
- (71) **A-MED SYSTEMS, INC.** [US/US]; 2491 Boatman Avenue, West Sacramento, CA 95961 (US).
- (72) **ABOUL-HOSN, Walid**; 4625 Chicago Avenue, Fair Oaks, CA 94628 (US). **KANZ, William**; 4695 Francis Court, Sacramento, CA 95822 (US).
- (74) **RYAN, Daniel, D.** et al. / etc.; P.O. Box 26618, Milwaukee, WI 53226 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61M 1/10, A61N 1/365**
- (11) **WO 00/69490** (13) A1
- (21) PCT/IB00/00658
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 60/134,746 **18 May/mai 1999** US (18.05.1999)
- (30) 60/147,703 **6 Aug/août 1999** US (06.08.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SYSTEM FOR INCORPORATING SONOMICROMETER FUNCTIONS INTO MEDICAL INSTRUMENTS AND IMPLANTABLE BIOMEDICAL DEVICES  
● SYSTEME PERMETTANT D'INCORPORER DES FONCTIONS DE SONOMICROMETRE DANS DES INSTRUMENTS MEDICAUX ET DES DISPOSITIFS BIOMEDICAUX IMPLANTABLES
- (71) **SONOMETRICS CORPORATION** [CA/CA]; 135-4056 Meadowbrook Drive, London, Ontario N6L 1E4 (CA).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SMITH, Wayne, L.** [CA/CA]; 60 North Center Road, London, Ontario N5X 3W0 (CA).
- (74) **SONOMETRICS CORPORATION**; Attn: Jay Ryan, c/o Arter & Hadden LLP, 1100 Huntington Building, 925 Euclid Avenue, Cleveland, OH 44115 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61M 1/36, G05D 11/00**
- (11) **WO 00/69491** (13) A1
- (21) PCT/EP00/04045
- (22) **6 May/mai 2000 (06.05.2000)**
- (25) de (26) de
- (30) 199 22 015.8 **12 May/mai 1999** DE (12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD FOR PASSING A MIXTURE OF LIQUID THROUGH HUMAN AND/OR ANIMAL ORGANS OR EXTREMITIES  
● DISPOSITIF POUR L'ECOULEMENT D'UN MELANGE DE LIQUIDES AU TRAVERS D'EXTREMITES OU ORGANES HUMAINS ET/OU ANIMAUX
- (71) **JOSTRA AG** [DE/DE]; Hechinger Strasse 38, 72145 Hirrlingen (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MATHEIS, Georg** [DE/DE]; Hainer Chaussee 24, 63303 Dreieich (DE).
- (74) **MÖBUS, Rudolf** et al. / etc.; Hindenburgstrasse 65, D-72762 Reutlingen (DE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61M 5/00**
- (11) **WO 00/69492** (13) A1
- (21) PCT/US00/12143
- (22) **4 May/mai 2000 (04.05.2000)**
- (25) en (26) en
- (30) 60/134,147 **14 May/mai 1999** US (14.05.1999)
- (30) 09/390,273 **7 Sep/sep 1999** US (07.09.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SAFETY SEAL FOR SYRINGE AND METHOD OF SEALING SAME
- DISPOSITIF D'INVOLABILITE POUR SERINGUE ET SA METHODE DE MISE EN PLACE
- (71, 72) **SCHOENFELD, Joel** [US/US]; 3 Eagle Chase, Woodbury, NY 11797 (US).
- (74) **NEGRIN, Barry, E.** et al. / etc.; Levisohn, Lerner, Berger & Langsam, Suite 2400, 757 Third Avenue, New York, NJ 10017 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61M 5/158, 25/06**
- (11) **WO 00/69493** (13) A1
- (21) PCT/CH00/00241
- (22) **1 May/mai 2000 (01.05.2000)**
- (25) de (26) de
- (30) 199 22 350.5 **14 May/mai 1999** DE (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● CANNULA/NEEDLE COMBINATION FOR A SUBCUTANEOUS ADMINISTRATION OF A SUBSTANCE  
● COMBINAISON CANULE-AIGUILLE POUR L'ADMINISTRATION D'UN PRINCIPE ACTIF PAR VOIE SOUS-CUTANEE
- (71) **DISETRONIC LICENSING AG** [CH/CH]; Brunnmattstrasse 6, CH-3401 Burgdorf (CH).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIRCHHOFER, Fritz** [CH/CH]; Wassermatt, CH-3454 Sumiswald (CH).  
**STECK, Jürg** [CH/CH]; Tschiffeliweg 15, CH-3422 Kirchberg (CH).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> **A61M 5/28**
- (11) **WO 00/69494** (13) A1
- (21) PCT/GB00/01811
- (22) **11 May/mai 2000 (11.05.2000)**

- (25) en (26) en
- (30) 9910865.6 **12 May/mai 1999 GB (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● IMPROVEMENTS RELATING TO MEDICAL SYRINGES  
● AMELIORATIONS APPORTEES A DES SERINGUES MEDICALES
- (71) **OWEN MUMFORD LIMITED** [GB/GB]; Brook Hill, Woodstock, Oxford OX20 1TU (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MARSHALL, Jeremy** [GB/GB]; 16 Cranham Street, Jericho, Oxford OX2 6DD (GB).
- (74) **LAINE, Simon, James** et al. / etc.; Wynne-Jones, Laine & James, 22 Rodney Road, Cheltenham, Gloucestershire GL50 1JJ (GB).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61M 13/00, 3/02**
- (11) **WO 00/69495** (13) A1
- (21) PCT/US99/10669
- (22) **13 May/mai 1999 (13.05.1999)**
- (25) en (26) en
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SURGICAL VISUALIZATION AND MOISTURIZING DEVICE  
● DISPOSITIF DE VISUALISATION ET D'HYDRATATION CHIRURGICAL
- (71) **CHASE MEDICAL INC.** [US/US]; 1876 Firman Drive, Richardson, TX 75081 (US).
- (72) **SURESH, Mitta**; 3201 Tam O'Shanter, Richardson, TX 75080 (US).
- (74) **KLINGER, Robert, C.**; Jackson Walker, L.L.P., Suite 600, 2435 North Central Expressway, Richardson, TX 75080 (US).
- (81) AU CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61M 15/00**
- (11) **WO 00/69496** (13) A1
- (21) PCT/EP00/03519
- (22) **19 Apr/avr 2000 (19.04.2000)**
- (25) en (26) en
- (30) 9911388.8 **18 May/mai 1999 GB (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● MEDICATION DISPENSER  
● DISTRIBUTEUR DE MÉDICAMENT
- (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) **BONNEY, Stanley, George** [GB/GB]; Glaxo Group Ltd., Park Road, Ware, Herts SG12 ODP (GB). **JONES, Anthony, Patrick, Charles** [GB/GB]; Glaxo Group Ltd., Park Road, Ware, Herts SG12 ODP (GB). **ROBERTSON, Duncan** [GB/GB]; GLAXO Group Ltd., Park Road, Ware, Herts SG12 ODP (GB).
- (74) **PIKE, Christopher, Gerard**; Pike & Co., Hayes Loft, 68A Hayes Place, Marlow, Buckinghamshire SL7 2BT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61M 16/06**
- (11) **WO 00/69497** (13) A1
- (21) PCT/US00/10929
- (22) **25 Apr/avr 2000 (25.04.2000)**
- (25) en (26) en
- (30) 09/314,291 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● DISPOSABLE RESPIRATORY MASK WITH ADHESIVE SKIN INTERFACE  
● MASQUE RESPIRATOIRE JETABLE COMPORTANT UNE INTERFACE ADHESIVE S'APPLIQUANT SUR LA PEAU
- (71) **MALLINCKRODT INC.** [US/US]; 675 McDonnell Blvd., P.O. Box 5840, St. Louis, MO 63134 (US).
- (72) **BORDEWICK, Steven, S.**; 5868 Hamline Avenue, N., Shoreview, MN 55126 (US). **HANSEN, Gary, L.**; 19085 Pheasant Circle, Eden Prairie, MN 55346 (US). **LARKIN, Holly**; 11615 53d Avenue N., Plymouth, MN 55442 (US).
- (74) **REPPER, George, R.** et al. / etc.; Rothwell, Figg, Ernst & Kurz, Suite 701 East, 555 13th Street N.W., Columbia Square, Washington, DC 20004 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61M 25/01**
- (11) **WO 00/69498** (13) A1
- (21) PCT/US00/07153
- (22) **17 Mar/mar 2000 (17.03.2000)**
- (25) en (26) en
- (30) 09/312,341 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● DRAINAGE CATHETER DELIVERY SYSTEM  
● SYSTEME D'INTRODUCTION D'UNE SONDE
- (71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One SciMed Place, Maple Grove, MN 55331-1566 (US).
- (72) **DE TOLEDO, Fernando, Alvarez**; 229 Fairhaven Hill, Concord, MA 01742 (US). **CIANNELLA, Michael**; 14 Spring Hill Avenue, Marlborough, MA 01752 (US). **OSTROWSKI, Susan, M.**; Apt. 1, 12 Pond View Road, Arlington, MA 02474 (US). **SOLBJOR, Albert, N.**; 36 Florence Road, Waltham, MA 02154 (US).
- (74) **CROMPTON, David, M.** et al. / etc.; Crompton, Seager & Tufte, LLC, Suite 895, 331 Second Avenue South, Minneapolis, MN 55401-2246 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61M 25/01, 25/00**
- (11) **WO 00/69499** (13) A1
- (21) PCT/US00/07209
- (22) **17 Mar/mar 2000 (17.03.2000)**
- (25) en (26) en
- (30) 09/312,340 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SINGLE OPERATOR EXCHANGE BILIARY CATHETER WITH COMMON DISTAL LUMEN  
● CATHETER DES VOIES BILIAIRES, A LUMIERE DISTALE UNIQUE, MANIPULABLE PAR UN SEUL OPERATEUR
- (71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One SciMed Place, Maple Grove, MN 55311-1566 (US).
- (72) **ALLMAN, Robert, C.**; 1 Fairmount Terrace, Wakefield, MA 01880 (US). **DE TOLEDO, Fernando, Alvarez**; 229 Fairhaven Hill, Concord, MA 01742 (US). **CIANNELLA, Michael**; 14 Spring Hill Avenue, Marlborough, MA 01752 (US). **EVANS, Stephen, C.**; 22 Carlisle Road, Westford, MA 01886 (US).
- (74) **CROMPTON, David, M.** et al. / etc.; Crompton, Seager & Tufte, LLC, Suite 895, 331 Second Avenue South, Minneapolis, MN 55401-2246 (US).

- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61M 25/01, 25/00, A61B 1/00**  
(11) **WO 00/69500** (13) A1  
(21) PCT/US00/07363  
(22) **17 Mar/mar 2000 (17.03.2000)**  
(25) en (26) en  
(30) 09/312,438 **14 May/mai 1999 US (14.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● GUIDE WIRE INSERTION AND RE-INSERTION TOOLS AND METHODS OF USE  
● INSTRUMENTS D'INSERTION ET REINSERTION DE GUIDE METALLIQUE, ET PROCEDES D'UTILISATION ASSOCIES
- (71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One SciMed Place, Maple Grove, MN 55311-1566 (US).
- (72) **WINDHEUSER, James, E.**; 20 Hidden Brick Road, Hopkinton, MA 01748 (US). **YEARICK, James**; 14 Rockwell Drive, Shrewsbury, MA 01545 (US). **CARRILLO, Oscar, R., Jr.**; 393 Tiffany Street, Attleboro, MA 02703-0013 (US). **ALLMAN, Robert, C.**; 1 Fairmount Terrace, Wakefield, MA 01880 (US). **DE TOLEDO, Fernando, Alvarez**; 229 Fairhaven Hill, Concord, MA 01742 (US). **EVANS, Stephen, C.**; 22 Carlisle Road, Westford, MA 01886 (US). **MAY, Norman, C.**; 84 Pine Street, Franklin, MA 02038 (US).
- (74) **CROMPTON, David, M.**; Crompton, Seager & Tufte, LLC, Suite 895, 331 Second Avenue South, Minneapolis, MN 55401-2246 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (22) **8 Sep/sep 1999 (08.09.1999)**  
(25) en (26) en  
(30) 09/312,335 **14 May/mai 1999 US (14.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● CATHETER AND INTRODUCER NEEDLE ASSEMBLY WITH NEEDLE SHIELD  
● ENSEMBLE CATHETER ET INTRODUCTEUR A AIGUILLE POURVU D'UNE PROTECTION D'AIGUILLE
- (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) **BRIMHALL, Greg, L.** [US/US]; 3838 Valley West Drive, West Jordan, UT 84088-9725 (US). **THORESEN, Stephen, L.** [US/US]; 1264 East 530 North, Orem, UT 84097-5439 (US). **HARDING, Weston, F.** [US/US]; 2421 North 910 West, Lehi, UT 84043-3327 (US). **HOWELL, Glade, H.** [US/US]; 1202 East 11000 South, Sandy, UT 84094-5470 (US). **ERSKINE, Timothy, J.** [US/US]; 1160 East Stone Valley Way, Sandy, UT 84094-7347 (US).
- (74) **LEE, Eric, M.**; Becton, Dickinson and Company, 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61M 29/00**  
(11) **WO 00/69502** (13) A1  
(21) PCT/US00/12573  
(22) **9 May/mai 2000 (09.05.2000)**  
(25) en (26) en  
(30) 09/311,446 **14 May/mai 1999 US (14.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SINGLE LUMEN BALLOON-TIPPED MICRO CATHETER WITH REINFORCED SHAFT  
● MICROCATHETER A LUMIERE UNIQUE MUNI D'UN BALLONNET ET D'UNE TIGE RENFORCEE
- (71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One SciMed Place, Maple Grove, MN 55311 (US).
- (72) **PATTERSON, Marlowe, E.**; 1697 Crater Lake Avenue, Milpitas, CA 95035 (US). **CHIEN, Thomas, Yung-Hui**; 2653 Ramsdell Place, San Jose, CA 95148 (US). **DOAN, Hanh**; 218 Beaumere Way, Milpitas, CA 95035 (US). **DOAN, Hong**; 1923 Vinedale Square, San Jose, CA 95132 (US). **CHAN, Huey, Quoc**; Apartment D, 2297 Warfield Way, San Jose, CA 95122 (US). **NITA, Henry**; 2047 Seabrook Court, Redwood Shores, CA 94065 (US).
- (74) **ATKINSON, Robert, E.** et al. / etc.; Crompton, Seager & Tufte, LLC, 331 Second Avenue South, Suite 895, Minneapolis, MN 55401 (US).
- (81) CA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61M 29/00**  
(11) **WO 00/69503** (13) A1  
(21) PCT/US00/13241  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) en (26) en  
(30) 09/311,802 **13 May/mai 1999 US (13.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHODS FOR FORMING A RADIOACTIVE STENT  
● PROCEDES DE REALISATION D'UNE ENDOPROTHESE RADIOACTIVE
- (63) US 09/311,802 (CON)  
13 May/mai 1999 (13.05.1999)
- (71) **MICRO THERAPEUTICS, INC.** [US/US]; 2 Goodyear, Irvine, CA 92618 (US). **GREFF, Richard, J.** [US/US]; 2891 Alton Drive, St. Pete Beach, FL 33706 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WALLACE, George** [US/US]; 10 Brentano Drive, Coto de Caza, CA 92679 (US).
- (74) **KREBS, Robert, E.**; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61M 31/00**  
(11) **WO 00/69504** (13) A1  
(21) PCT/US00/13119  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) en (26) en  
(30) 60/134,106 **14 May/mai 1999 US (14.05.1999)**  
(30) 60/134,566 **17 May/mai 1999 US (17.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● AGENT DELIVERY SYSTEMS  
● SYSTEMES D'APPORT D'UN AGENT
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- Published / Publiée : (c)
- (51)<sup>7</sup> **A61M 25/06, 5/32**  
(11) **WO 00/69501** (13) A1  
(21) PCT/US99/20540

(71) **C.R. BARD, INC.** [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GAMBALE, Richard, A.** [US/US]; 382 Dunstable Road, Tyngsboro, MA 01879 (US). **SHAH, Chirag, B.** [US/US]; 28 New Castle Drive, #11, Nashua, NH 03060 (US). **WEISER, Michael, F.** [US/US]; 516 Martins Pond Road, Groton, MA 01450 (US). **FORCUCCI, Stephen, J.** [US/US]; 17 Pitcher Avenue, Medford, AM 02155 (US). **FORDE, Sean** [US/US]; 16 Frank Street, Watertown, MA 02472 (US).

(74) **PERULLO, John, F.**; Kirkpatrick & Lockhart LLP, 75 State Street, Boston, MA 02109-1808 (US).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> **A61M 31/00**

(11) **WO 00/69505** (13) A1

(21) PCT/US00/13422

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/313,456 **17 May/mai 1999 US (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **MAGNETICALLY GUIDED CATHETER WITH SENSOR**  
• CATHETER GUIDE MAGNETIQUE-MENT A CAPTEUR

(71) **HERMETIC SWITCH, INC.** [US/US]; 3100 Highway 92 South, Chickasha, OK 73018 (US).

(72) **POSEY, David, Tyler**; 200 St. James Place, Chickasha, OK 73018 (US). **MORGAN, Raymond, Lee**; 608 Rivermont Court, Norman, OK 73072 (US).

(74) **ROBINSON, James, T.**; 222 East Main Street, Norman, OK 73069-1303 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61M 35/00**

(11) **WO 00/69506** (13) A1

(21) PCT/US00/12141

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 09/313,837 **18 May/mai 1999 US (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **METHOD FOR INSTILLING A CONTROLLED DOSE OF FLUID INTO THE EYE**

• METHODE D'INSTILLATION OCULAIRE D'UNE DOSE DETERMINEE DE LIQUIDE

(71) **OCULAR RESEARCH OF BOSTON, INC.** [US/US]; Suite 550, The Colonial Building, 100 Boylston Street, Boston, MA 02116 (US).

(72) **FINNEMORE, Victor, M.**; 45 Stone Road, Belmont, MA 02478 (US). **KORB, Donald, R.**; 10 Brimmer Street, Boston, MA 02108 (US).

(74) **CORLESS, Peter, F.** et al. / etc.; Dike, Bronstein, Roberts & Cushman, LLP, 130 Water Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61M 37/00**

(11) **WO 00/69507** (13) A1

(21) PCT/US00/12869

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 09/312,588 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **VARIABLE RATE INFUSION APPARATUS WITH INDICATOR AND ADJUSTABLE RATE CONTROL**

• APPAREIL DE PERFUSION A DEBIT VARIABLE AVEC INDICATEUR ET CONTROLE DE DEBIT REGLABLE

(71) **SCIENCE INCORPORATED** [US/US]; Suite 1060, 7760 France Avenue, South, Bloomington, MN 55435-5803 (US).

(72) **KRIESEL, Marshall, S.**; 80 North Mississippi River Road, Saint Paul, MN 55104 (US). **THOMPSON, Thomas, N.**; 6300 Wentworth South, Richfield, MN 55432 (US). **KUESTER, William, F., III**; 1821 Cloud Drive, N.E., Blaine, MN 55449-4737 (US). **HOGAN, Rolf**; 3925 52nd Avenue North, Brooklyn Center, MN 55429 (US).

(74) **ORUM, Keith, H.**; Orum & Roth, 53 West Jackson Boulevard, Chicago, IL 60604 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61M 37/00**

(11) **WO 00/69508** (13) A1

(21) PCT/US00/12941

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 09/312,589 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **VARIABLE RATE INFUSION APPARATUS WITH INDICATOR AND ADJUSTABLE RATE CONTROL**

• INFUSEUR A DEBIT VARIABLE MUNI D'UN DISPOSITIF INDICATEUR ET D'UN REGULATEUR VARIOMETRIQUE REGLABLE

(71) **SCIENCE INCORPORATED** [US/US]; 7760 France Avenue South, Bloomington, MN 55435 (US).

(72) **MARSHALL, Kriesel, S.**; 80 North Mississippi River Road, St. Paul, MN 55104 (US). **THOMPSON, Thomas, N.**; 6300 Wentworth South, Richfield, MN 55432 (US).

(74) **ORUM, Keith, H.**; Orum & Roth, 53 West Jackson Boulevard, Chicago, IL 60604 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A61M 37/00**

(11) **WO 00/69509** (13) A1

(21) PCT/US00/12944

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 09/312,590 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **FLUID DELIVERY DEVICE WITH FILL ADAPTER**

• DISTRIBUTEUR DE LIQUIDE MUNI D'UN ADAPTEUR DE REMPLISSAGE

- (71) **SCIENCE INCORPORATED** [US/US]; 7760 France Avenue South, Bloomington, MN 55435 (US).
- (72) **MARSHALL, Kriesel, S.**; 80 North Mississippi River Road, St. Paul, MN 55104 (US). **THOMPSON, Thomas, N.**; 6300 Wentworth South, Richfield, MN 55432 (US).
- (74) **ORUM, Keith, H.**; Orum & Roth, 53 West Jackson Boulevard, Chicago, IL 60604 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61M 37/00, A61N 2/00**
- (11) **WO 00/69510** (13) A1
- (21) PCT/US00/13258
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/313,427 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ENERGIZED TRACE ELEMENTS  
• OLIGO-ELEMENTS ENERGISES
- (71, 72) **KIRSCHBAUM, Robert, N.** [US/US]; 6630 East Exposition Avenue, Denver, CO 80224-1507 (US).
- (74) **PIZARRO, Ramon, L.**; Suite 200, 3515 South Tamarac Drive, Denver, CO 80237 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61M 37/00**
- (11) **WO 00/69511** (13) A1
- (21) PCT/US00/13717
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/314,052 **18 May/mai 1999 US (18.05.1999)**
- (30) 09/363,234 **27 Jul/juill 1999 US (27.07.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR TREATING GAS FOR DELIVERY TO AN ANIMAL  
• PROCEDE ET DISPOSITIF DE TRAITEMENT DE GAZ DESTINE A ETRE ADMINISTRE A UN ANIMAL
- (71) **GEORGIA BIOMEDICAL INCORPORATED** [US/US]; 250 Charter Lane, Macon, GA 31210 (US).
- (72) **OTT, Douglas, E.**; 682 Foster Road, Macon, GA 31210 (US). **SCHAEFER, John, F.**; 32 Alta Vista Loop, High Rolls, NM 88325 (US). **GRAY, Robert, I.**; 1483 Oglethorpe Street, Macon, GA 31201 (US).
- (74) **FLOAM, D., Andrew** et al. / etc.; Needle & Rosenberg, P.C., 127 Peachtree Street, N.E., Atlanta, GA 30303-1811 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61N 1/00**
- (11) **WO 00/69512** (13) A1
- (21) PCT/US00/13122
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,289 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HYBRID IMPLANTABLE COCHLEAR STIMULATOR HEARING AID SYSTEM  
• SYSTEME HYBRIDE IMPLANTABLE ALLIANT UNE PROTHESE AUDITIVE ET UN STIMULATEUR COCHLEAIRE
- (71) **ADVANCED BIONICS CORPORATION** [US/US]; 12740 San Fernando Road, Sylmar, CA 91342 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HARRISON, William, Vanbrooks** [US/US]; 24646-A Brighton Drive, Valencia, CA 91355 (US). **KUZMA, Janusz, A.** [AU/US]; 10886 East Crestline Circle, Englewood, CO 80111 (US). **MANN, Alfred, E.** [US/US]; 14175 Mulholland Drive, Hollywood, CA 90210 (US). **BALKANY, Thomas, J.** [US/US]; 13061 Mar Street, Coral Gables, FL 33156 (US).
- (74) **GOLD, Bryant, R.**; Advanced Bionics Corporation, 12740 San Fernando Road, Sylmar, CA 91342 (US).
- (81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61N 1/30**
- (11) **WO 00/69514** (13) A1
- (21) PCT/JP00/02967
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) ja (26) ja
- (30) 11/132676 **13 May/mai 1999 JP (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ELECTRODE STRUCTURE FOR IONTOPHORESIS DEVICES AND METHOD OF PRODUCING THE SAME  
• STRUCTURE D'ELECTRODE POUR DISPOSITIFS D'IONOPHORESE ET SON PROCEDE DE PRODUCTION
- (71) **HISAMITSU PHARMACEUTICAL CO., INC.** [JP/JP]; 408, Tashirodaikanmachi, Tosu-shi, Saga 841-0017 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KURIBAYASHI, Mitsuru** [JP/JP]; Tsukuba Laboratory Of Hisamitsu Pharmaceutical Co., Inc., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). **MAEDA, Hiroyuki** [JP/JP]; Tsukuba Laboratory of Hisamitsu Pharmaceutical Co., Inc., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). **KOGA, Nobuhiro** [JP/JP]; Tsukuba Laboratory of Hisamitsu Pharmaceutical Co., Inc., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki



- 305-0856 (JP). **HIGO, Naruhito** [JP/JP]; Tsukuba Laboratory of Hisamitsu Pharmaceutical Co., Inc., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP).
- (74) **TANAKA, Kiyoshi** et al. / etc.; Yebisu Garden Terrace Nibankan 709, 20-2, Yebisu 4-chome, Shibuya-ku, Tokyo 150-0013 (JP).
- (81) AU CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61N 1/30, A61B 17/20**
- (11) **WO 00/69515** (13) A1
- (21) PCT/US00/13559
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 60/134,486 **17 May/mai 1999** US (17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● REMOTE AND LOCAL CONTROLLED DELIVERY OF PHARMACEUTICAL COMPOUNDS USING ELECTROMAGNETIC ENERGY
- LIBERATION CONTROLEE A DISTANCE ET LOCALE DE COMPOSES PHARMACEUTIQUES FAISANT APPEL A L'ENERGIE ELECTROMAGNETIQUE
- (71, 72) **MARCHITTO, Kevin, S.** [US/AU]; 127 Bellbird Road, Mt. Eliza, VIC 3930 (AU). **FLOCK, Stephen, T.** [US/AU]; 17 Gillards Road, Mt. Eliza, VIC 3930 (AU).
- (74) **ADLER, Benjamin, A.**; McGregor & Adler, 8011 Candle Ln., Houston, TX 77071 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61N 1/36**
- (11) **WO 00/69516** (13) A1
- (21) PCT/RU99/00471
- (22) **6 Dec/déc 1999 (06.12.1999)**
- (25) ru (26) ru
- (30) 99110334 **17 May/mai 1999** RU (17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ELECTRO-NEURO-ADAPTIVE STIMULATOR
- STIMULATEUR ELECTRO-NEURO-ADAPTATIF
- (71, 72) **KARASEV, Alexandr Alexandrovich** [RU/RU]; Mariupolskoe shosse, 27/1-138, Taganrog, 347939 (RU).
- (74) **UBOGY, Vladimir Nikolaevich**; 13 Perelouk, 27, Taganrog, 347930 (RU).
- (81) CA FI JP US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61N 1/362, G06F 17/00**
- (11) **WO 00/69517** (13) A1
- (21) PCT/US00/12517
- (22) **8 May/mai 2000 (08.05.2000)**
- (25) en (26) en
- (30) 60/133,739 **12 May/mai 1999** US (12.05.1999)
- (30) 09/566,477 **8 May/mai 2000** US (08.05.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● MONITORING APPARATUS USING WAVELET TRANSFORMS FOR THE ANALYSIS OF HEART RHYTHMS
- APPAREIL DE SURVEILLANCE UTILISANT DES TRANSFORMEES D'ONDELETTES DANS L'ANALYSE DES RYTHMES CARDIAQUES
- (71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue NE, Minneapolis, MN 55434 (US).
- (72) **GILLBERG, Jeffrey, M.**; 155-107th Lane NW, Coon Rapids, MN 55448 (US). **KOYRAKH, Lev, A.**; 4595 Forestview Lane, Plymouth, MN 55442 (US).
- (74) **WOLDE-MICHAEL, Girma** et al. / etc.; Medtronic, Inc., 7000 Central Avenue NE, Minneapolis, MN 55432 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61N 1/37**
- (11) **WO 00/69518** (13) A1
- (21) PCT/SE00/00937
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 9901746-9 **12 May/mai 1999** SE (12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● IMPLANTABLE HEART STIMULATOR
- STIMULATEUR CARDIAQUE IMPLANTABLE
- (71) **PACESETTER AB** [SE/SE]; S-175 84 Järfälla (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OBEL, Martin** [SE/SE]; Bergavägen 5, S-182 33 Danderyd (SE).
- (74) **PACESETTER AB**; Patent Department, S-175 84 Järfälla (SE).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **A61N 2/00, 5/00**
- (11) **WO 00/69519** (13) A1
- (21) PCT/RU00/00129
- (22) **12 Apr/avr 2000 (12.04.2000)**
- (25) ru (26) ru
- (30) 99109237 **14 May/mai 1999** RU (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD FOR BIO-ENERGETIC AND INFORMATIVE INTERACTION WITHIN A SINGLE BIOLOGICAL FIELD FOR RESTORING THE CONDITION OF THE ORGANISM
- PROCEDE D'INTERACTION BIOENERGETIQUE ET INFORMATIVE DANS LE CADRE D'UN CHAMP BIOLOGIQUE UNIQUE AFIN DE REtablir L'ETAT DE L'ORGANISME
- (71, 72) **BRONNIKOV, Vyacheslav Mikhailovich** [RU/RU]; ul. N.Basmannaya, 19-405, Moscow (RU).
- (74) **KONOPLYANNIKOVA, Tatiyana Nikolaevna**; a/ya, 32, Moscow, 121165 (RU).
- (81) IL US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A61P 35/00, A61K 9/12, 9/48, 31/52**
- (11) **WO 00/69520** (13) A2
- (21) PCT/US00/11602
- (22) **27 Apr/avr 2000 (27.04.2000)**
- (25) en (26) en
- (30) 09/310,505 **12 May/mai 1999** US (12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● USE OF TOPICAL AZATHIOPRINE TO TREAT INFLAMMATORY BOWEL DISORDERS
- UTILISATION D'AZATHIOPRINE TOPIQUE POUR LE TRAITEMENT DE MALADIES INTESTINALES INFLAMMATOIRES
- (63) US 09/310,505 (CON)  
12 May/mai 1999 (12.05.1999)
- (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)
- (72, 75) **SANBORN, William, J.** [US/US]; 1132 7th Street S.W., Rochester, MN 55902 (US).
- (74) **GARDNER, Diane, L.**; Fish & Richardson P.C., Suite 500, 4350 La Jolla Village Drive, San Diego, CA 92122 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A62B 18/08**

(11) **WO 00/69521** (13) A1

(21) PCT/US00/11329

(22) **27 Apr/avr 2000 (27.04.2000)**

(25) en (26) en

(30) 09/310,548 **12 May/mai 1999** US (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **LOW CONTACT NASAL MASK AND SYSTEM USING SAME**

• **MASQUE NASAL A FAIBLE CONTACT ET SYSTEME AFFERENT**

(71) **RESPIRONICS, INC.** [US/US]; 1501 Ardmore Boulevard, Pittsburgh, PA 15221 (US).

(72) **BARNETT, Shari, S.**; 624 East End Avenue, Pittsburgh, PA 15221 (US). **MICELLI, Joseph, M., JR.**; 4850 Hialeah Drive, Pittsburgh, PA 15239 (US).

(74) **GASTINEAU, Cheryl, L.**; Reed Smith Shaw & McClay LLP, P.O. Box 488, Pittsburgh, PA 15230-0488 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **A63B**

(11) **WO 00/69522** (13) A2

(21) PCT/US00/13104

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 60/134,088 **14 May/mai 1999** US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **EXERCISE METHODS AND APPARATUS**

• **PROCEDE ET APPAREIL D'EXERCICE**

(71) **STEARNS TECHNOLOGIES, INC.** [US/US]; P.O. Box 55912, Houston, TX 77055 (US).

(72) **STEARNS, Kenneth, W.**; P.O. Box 55912, Houston, TX 77055 (US).

(74) **MAU, Michael, L.**; Mau & Krull, P.A., Suite E, 1250 Moore Lake Drive East, Fridley, MN 55432 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A63B 21/00**

(11) **WO 00/69523** (13) A1

(21) PCT/US00/12360

(22) **5 May/mai 2000 (05.05.2000)**

(25) en (26) en

(30) 09/314,026 **19 May/mai 1999** US (19.05.1999)

(30) 09/343,679 **30 Jun/juin 1999** US (30.06.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **APPARATUS FOR MONITORING AND DISPLAYING EXERTION DATA**

• **APPAREIL DE SURVEILLANCE ET D'AFFICHAGE DE DONNEES RELATIVES AUX EXERCICES PHYSIQUES**

(71, 72) **SMITH, Carl, M.** [US/US]; 1316 Bishop Lane, Alexandria, VA 22302 (US).

(74) **CHAMPAGNE, Thomas, M.**; Rabin & Champagne, P.C., Suite 1111, 1725 K Street, N.W., Washington, DC 20006 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A63B 21/04, 21/16**

(11) **WO 00/69524** (13) A1

(21) PCT/US00/08696

(22) **30 Mar/mar 2000 (30.03.2000)**

(25) en (26) en

(30) 60/134,348 **14 May/mai 1999** US (14.05.1999)

(30) 09/538,317 **30 Mar/mar 2000** US (30.03.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **ADJUSTABLE STRAP AND BAND EXERCISE DEVICE MOUNTABLE ON DOOR**

• **BANDE AJUSTABLE ET EXERCISEUR A BANDE POUVANT ETRE FIXE SUR UNE PORTE**

(71, 72) **ROTELLA, Frank** [US/US]; 5 Ranch Road, Upper Saddle River, NJ 07458 (US).

(74) **BERGER, Peter, L.** et al. / etc.; Suite 2400, 757 Third Avenue, New York, NY 10017 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A63B 24/00, G06F 1/16**

(11) **WO 00/69525** (13) A1

(21) PCT/US00/11027

(22) **24 Apr/avr 2000 (24.04.2000)**

(25) en (26) en

(30) 09/314,695 **19 May/mai 1999** US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **APPARATUS AND METHOD FOR INTERFACING PERSONAL ELECTRONICS TO EXERCISE EQUIPMENT**

• **DISPOSITIF ET PROCEDE D'INTERFAÇAGE ENTRE UN DISPOSITIF ELECTRONIQUE PERSONNEL ET UN EQUIPEMENT D'EXERCICE PHYSIQUE**

(71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) **CHANDRASEKHAR, Ramesh**; 4495 Vision Drive, #5, San Diego, CA 92121 (US).

(74) **WADSWORTH, Philip, R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A63B 37/12, 37/14, B05D 3/06, C08F 2/50, 4/00, 26/02, 126/02, 226/02, C08L 61/28, 63/10, G01N 27/26**

(11) **WO 00/69526** (13) A1

(21) PCT/US00/12299

- (22) **4 May/mai 2000 (04.05.2000)**
- (25) en (26) en
- (30) 09/310,787 **12 May/mai 1999 US (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • UV-CURABLE CLEAR COAT FOR GOLF BALLS  
• REVETEMENT POUR BALLE DE GOLF POLYMERISABLE AUX UV POUR BALLE DE GOLF
- (71) **CALLAWAY GOLF COMPANY** [US/US]; 2285 Rutherford Road, Carlsbad, CA 92008-8815 (US).
- (72) **CRAST, Steven, C.**; 1414 Buena Vista, Apartment No. C, San Clemente, CA 92672 (US). **BUELLA DINEROS, Ramon**; 4644 Allende Avenue, Oceanside, CA 92057 (US).
- (74) **CATANIA, Michael, A.**; 2285 Rutherford Road, Carlsbad, CA 92008-8815 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KY KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A63B 37/12, C08G 18/32, 18/42, C08L 75/04**
- (11) **WO 00/69527** (13) A1
- (21) PCT/US00/08438
- (22) **29 Mar/mar 2000 (29.03.2000)**
- (25) en (26) en
- (30) 09/311,591 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • POLYURETHANE GOLF BALL WITH IMPROVED RESILIENCY  
• BALLE DE GOLF EN POLYURETHANE A RESILIENCE AMELIOREE
- (71) **ACUSHNET COMPANY** [US/US]; 333 Bridge Street, Fairhaven, MA 02719 (US).
- (72) **WU, Shenshen**; 334 Old Westport Road, North Dartmouth, MA 02747 (US).
- (74) **WEILD, David, III** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AU CA GB JP NZ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **A63B 69/36**
- (11) **WO 00/69529** (13) A1
- (21) PCT/US00/13110
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,087 **14 May/mai 1999 US (14.05.1999)**
- (30) 60/178,691 **28 Jan/jan 2000 US (28.01.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TILTABLE GOLF PLATFORM  
• PLATE-FORME DE GOLF INCLINABLE
- (71, 72) **STIPAN, Arthur, R.** [US/US]; 1912 South 146th Street, Seattle, WA 98168 (US).
- (74) **RENZONI, George, E.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 5th Avenue, Seattle, WA 98101 (US).
- (25) en (26) en
- (30) 09/310,835 **12 May/mai 1999 US (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • INSTRUMENTED GOLF CLUB SYSTEM AND METHOD OF USE  
• CLUB DE GOLF INSTRUMENTE ET PROCEDE D'UTILISATION
- (63) US 09/310,835 (CIP)  
12 May/mai 1999 (12.05.1999)
- (71) **CALLAWAY GOLF COMPANY** [US/US]; 2285 Rutherford Road, Carlsbad, CA 92008-08815 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LEE, Nathan, J.** [US/US]; 510 Howe Place, Escondido, CA 92025 (US). **GALLO-WAY, J., Andrew** [US/US]; 10197 Quail Glen Way, Escondido, CA 92029 (US). **BORSUM, William, Kelly** [US/US]; 862 Ball Avenue, Escondido, CA 92026 (US).
- (74) **CATANIA, Michael, A.**; 2285 Rutherford Road, Carlsbad, CA 92008-8815 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KY KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A63B 69/40**
- (11) **WO 00/69530** (13) A1
- (21) PCT/CN00/00121
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) zh (26) zh
- (30) 99 1 07354.1 **18 May/mai 1999 CN (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • BALL-HITTING PRACTICE APPARATUS  
• INSTALLATION PERMETTANT DE S'EXERCER A FRAPPER UNE BALLE
- (71) **HWANG, Jyh-ming** [CN/CN]; 13-3F, No. 446, Duen Huah Road, Taichung, Taiwan (CN).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) **HWANG, Shiuh-sheng** [CN/CN]; 13-3F, No. 446, Duen Huah Road, Taichung, Taiwan (CN).
- (72, 75) **JAN, Chyuan** [CN/CN]; No. 206, Alley 56, Section 3, Kang Ning Road, Ney Hwu District, Taipei, Taiwan (CN). **JONG, Chi-yeou** [CN/CN]; 5F, No. 6-8, Hann Cherng 4 Street, Shi Twen District, Taichung, Taiwan (CN).
- (74) **CHINA SCIENCES PATENT AGENT LIMITED**; 16th floor, Zhongke Building, Haidian Road 80, Haidian District, Beijing 100080 (CN).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KY KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>6</sup> **A63B 71/14**
- (11) **WO 00/69531** (13) A1
- (21) PCT/JP99/02482
- (22) **13 May/mai 1999 (13.05.1999)**
- (25) ja (26) ja
- (43) 23 Nov/nov 2000 (23.11.2000)

- (54) • BASE BALL GLOVE  
• GANT DE BASE-BALL
- (71) **MIZUNO CORPORATION** [JP/JP]; 1-23, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8538 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOTOOKA, Ken** [JP/JP]; Mizuno Industry Haga Co., Ltd., 171, Aza-doi, Yasuga, Haga-cho, Shisou-gun, Hyogo 671-4241 (JP). **KUME, Kazuhiro** [JP/JP]; Mizuno Corporation, 12-35, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8510 (JP).
- (74) **FUKAMI, Hisao** et al. / etc.; Sumitomo Bank Minamimori-machi Building, 1-29, Minamimori-machi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).
- (81) CA JP US.
- 
- (51)<sup>7</sup> **A63C 9/084**
- (11) **WO 00/69532** (13) A1
- (21) PCT/FR00/01248
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) fr (26) fr
- (30) 99/06245 **12 May/mai 1999 FR (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SUSPENDED HEEL-PIECE FOR THE SAFETY BINDING OF A SKI  
• TALONNIERE SUSPENDUE DE FIXATION DE SECURITE POUR LE SKI
- (71) **SALOMON S.A.** [FR/FR]; Lieudit La Ravoire, F-74370 Metz-Tessy (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRESSAND, René** [FR/FR]; 870, route de la Côte, F-74410 Saint-Jorioz (FR).
- (81) AT (Utility model / modèle d'utilité) DE (Utility model / modèle d'utilité) JP (Utility model / modèle d'utilité) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **A63C 17/06**
- (11) **WO 00/69533** (13) A1
- (21) PCT/EP00/04277
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) TV99A000056 **13 May/mai 1999 IT (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • FRAME FOR SKATES  
• CHASSIS DE PATIN A ROULETTES
- (71) **BENETTON GROUP S.P.A.** [IT/IT]; Via Villa Minelli, 1, I-31050 Ponzano Veneto (IT).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GORZA, Roberto** [IT/IT]; Via C. Rizzarda, 15, I-32032 Feltre (IT). **BERTOLO, Luca** [IT/IT]; Via Castellana, 110, I-31033 Treville di Castelfranco Veneto (IT). **BRAIT, Andrea** [IT/IT]; Via Loredan, 8, I-30126 Lido (IT).
- (74) **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, I-20123 Milano (IT).
- (81) CA JP SI US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **A63F 1/00**
- (11) **WO 00/69534** (13) A1
- (21) PCT/US00/12452
- (22) **8 May/mai 2000 (08.05.2000)**
- (25) en (26) en
- (30) 09/312,562 **14 May/mai 1999 US (14.05.1999)**
- (30) 09/540,315 **31 Mar/mar 2000 US (31.03.2000)**
- (30) 09/558,742 **21 Apr/avr 2000 US (21.04.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MULTIPLE ROUND GAME OF CHANGE  
• JEU DE HASARD A PLUSIEURS TOURS
- (71, 72) **FEOLA, John** [US/US]; 42 Irving Street, Medford, MA 02155 (US).
- (74) **ALTMAN, Gerald** et al. / etc.; Morse & Altman & Martin, Suite 5F, 85 East India Row, Boston, MA 02110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A63F 3/06**
- (11) **WO 00/69535** (13) A1
- (21) PCT/US00/12935
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 09/311,461 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • COMPUTER NETWORK MANAGEMENT OF WIDE-AREA MULTI-PLAYER BINGO GAME  
• GESTION SUR RESEAU INFORMATIQUE D'UNE PARTIE DE BINGO SUR ZONE ETENDUE IMPLIQUANT UNE PLURALITE DE JOUEURS
- (71) **NETGAIN TECHNOLOGIES, L.L.C.** [US/US]; 580 Thames Street, Newport, RI 02840 (US).
- (72) **FISK, Michael, G.**; 44 Walcott Avenue, Jamestown, RI 02835 (US).
- (74) **HUMPHREY, Thomas, W.** 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A63F 9/04, 3/00**
- (11) **WO 00/69536** (13) A1
- (21) PCT/US00/10974
- (22) **20 Apr/avr 2000 (20.04.2000)**
- (25) en (26) en
- (30) 09/315,117 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • COMBINATION GOLF DICE GAME AND METHOD FOR PLAYING  
• JEU COMBINANT GOLF ET DES ET PROCEDE DE JEU
- (71, 72) **SHEA, Patrick, J.** [US/US]; 17451 High Street, Los Gatos, CA 95030 (US). **TABARI, Zane, A.** [US/US]; 1840-2 Cherokee Drive, Salinas, CA 93906 (US).
- (74) **LEE, Otto, O.**; Intellectual Property Law Group, Suite 1212, 12 South First Street, San Jose, CA 95113 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B01D**
- (11) **WO 00/69537** (13) A2
- (21) PCT/US99/24245
- (22) **15 Oct/oct 1999 (15.10.1999)**
- (25) en (26) en
- (30) 310,486 **12 May/mai 1999 US (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)

- (54) • APPARATUS FOR THE TREATMENT OF CRANKCASE EMISSIONS MATERIALS IN A POSITIVE CRANKCASE VENTILATION SYSTEM  
• APPAREIL POUR LE TRAITEMENT DES MATIERES EMISSIVES D'UN SYSTEME DE RECYCLAGE DES GAZ DE CARTER
- (71) **GEKKO INTERNATIONAL L.C.** [US/US]; 3829 West Locust Street, Davenport, IA 52804 (US).
- (72) **DIOTTE, Ronald, A.**; 6710 116th Street, Blue Grass, IA 52726 (US). **NACHTMAN, Charles, T.**; 395 Moore Heights, Dubuque, IA 52003 (US). **EDWARDS, James, R.**; 390 Hill Street, Dubuque, IA 52001 (US). **GREGORY, Robert, L.**; 13608 Wesley Stevens Road, Farmington, AR 72730 (US). **WINTER, Frank**; 1235 31st Avenue, San Mateo, CA 94403 (US).
- (74) **HARRIS, Richard, D.** et al. / etc.; Law Offices of Dick and Harris, Suite 3800, 181 West Madison Street, Chicago, IL 60602 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B01D 11/04, C22B 3/26 // 15:00**
- (11) **WO 00/69538** (13) A1
- (21) PCT/FI00/00397
- (22) **4 May/mai 2000 (04.05.2000)**
- (25) en (26) en
- (30) 991111 **14 May/mai 1999** FI  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A METHOD FOR EXTRACTING COPPER FROM AN AQUEOUS SOLUTION  
• PROCEDE D'EXTRACTION DE CUIVRE A PARTIR D'UNE SOLUTION AQUEUSE
- (71) **OUTOKUMPU OYJ** [FI/FI]; Riihitontuntie 7, FIN-02200 Espoo (FI).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NYMAN, Bror** [FI/FI]; Ruispolku 1, FIN-28450 Vanha-Ulvila (FI). **HULTHOLM, Stig-Erik** [FI/FI]; Sitomantie 1, FIN-28360 Pori (FI). **LILJA, Launo** [FI/FI]; Liisankatu 19 A, FIN-28100 Pori (FI). **LINDELL, Esa** [FI/FI]; Tähtisentie 14, FIN-28450 Vanha-Ulvila (FI). **EKMAN, Eero** [FI/FI]; Itälinjankatu 7 A, FIN-28100 Pori (FI). **LYYRA, Juhani** [FI/FI]; Kalastajankuja 1 E, FIN-02230 Espoo (FI). **KUUSISTO, Raimo** [FI/FI]; Kalastajankuja 1 D, FIN-02230 Espoo (FI). **PEKKALA, Pertti** [FI/FI]; Vehaksentie 45 B, FIN-02300 Espoo (FI).
- (74) **OUTOKUMPU OYJ**; Patent Services, P.O. Box 27, FIN-02201 Espoo (FI).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **B01D 24/24**
- (11) **WO 00/69539** (13) A1
- (21) PCT/US00/12907
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 09/311,013 **13 May/mai 1999** US  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ANCHOR FOR AN UNDERDRAIN BLOCK  
• ELEMENT D'ANCRAGE POUR UN BLOC DE DRAIN DE SORTIE
- (71) **TETRA PROCESS TECHNOLOGIES** [US/US]; Severn Trent Services Company, 5415 West Sligh Ave., Suite 102, Tampa, FL 33634 (US).
- (72) **HUNKELE, Gary**; 116 Salem Church Road, Midland, PA 15059 (US). **KNAUFF, Paul**; 2419 Geneva Windsor Rd., Geneva, OH 44041 (US).
- (74) **D'AMBROSIO, Jo, Katherine**; Payne & D'Ambrosio, L.L.P., Suite 1230, 1700 West Loop South, Houston, TX 77027 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B01D 29/11, 29/27, A47J 31/08**
- (11) **WO 00/69540** (13) A1
- (21) PCT/NL00/00306
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) nl (26) en
- (30) 1012047 **12 May/mai 1999** NL  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR MANUFACTURING FILTER BAGS, AND ALSO FILTER BAGS MANUFACTURED IN ACCORDANCE WITH THE METHOD
- PROCEDE DE FABRICATION DE SACS-FILTRES, ET SACS-FILTRES AINSI FABRIQUES
- (71, 72) **PIJSEL, Roelof** [NL/NL]; Henssenlaan 3, NL-6132 BG Sittard (NL).
- (74) **VAN WEELE, Paul, Johannes, Frits**; Octroibureau Los en Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).
- (81) DE (Utility model / modèle d'utilité); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B01D 29/11, E03F 5/14**
- (11) **WO 00/69541** (13) A1
- (21) PCT/NO00/00135
- (22) **25 Apr/avr 2000 (25.04.2000)**
- (25) no (26) en
- (30) 19991886 **21 Apr/avr 1999** NO  
(21.04.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DEVICE FOR CLEANING WASTE WATER FROM A WASHING APPARATUS FOR FISH FARMING NETS  
• DISPOSITIF DE TRAITEMENT DES EAUX USEES PROVENANT D'UN SYSTEME DE NETTOYAGE DE FILLES DE PISCICULTURE
- (71, 72) **SIMONSEN, Harry** [NO/NO]; Gimlevn. 19A, N-7033 Trondheim (NO).
- (74) **CURO AS**; Box 38, N-7231 Lundamo (NO).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (a)
- 
- (51)<sup>7</sup> **B01D 39/20, F01N 3/02**
- (11) **WO 00/69542** (13) A1
- (21) PCT/IT00/00188
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) it (26) en
- (30) TO99A000403 **14 May/mai 1999** IT  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR MANUFACTURING A PARTICULATE FILTER FOR DIESEL ENGINES, USING A HIGH-PERFORMANT CERAMIC FOAM  
• PROCEDE DE PRODUCTION D'UN FILTRE A PARTICULES POUR MOTEURS DIESEL UTILISANT UNE

MOUSSE CERAMIQUE HAUTE  
PERFORMANCE

(71) **C.R.F. SOCIETA' CONSORTILE PER AZIONI** [IT/IT]; Strada Torino, 50, I-10043 Orbassano (IT).

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(72, 75) **BORETTO, Gianmaria** [IT/IT]; C.R.F. Società Consortile per Azioni, Strada Torino, 50, I-10043 Orbassano (IT). **DEBENEDETTI, Massimo** [IT/IT]; C.R.F. Società Consortile per Azioni, Strada Torino, 50, I-10043 Orbassano (IT). **MARZORATI, Diego** [IT/IT]; C.R.F. Società Consortile per Azioni, Strada Torino, 50, I-10043 Orbassano (IT).

(74) **NOTARO, Giancarlo** et al. / etc.; Buzzi, Notaro & Antonielli d'Oulx S.r.l., Corso Fiume, 6, I-10133 Torino (IT).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> **B01D 45/14, D21B 1/12**

(11) **WO 00/69543** (13) A1

(21) PCT/SE00/00945

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 9901752-7 **12 May/mai 1999 SE (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SEPARATION DEVICE  
• DISPOSITIF DE SEPARATION

(71) **VALMET FIBERTECH AB** [SE/SE]; S-851 94 Sundsvall (SE).  
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(72, 75) **VIRVING, Nils** [SE/SE]; Backtimjegränd 27, S-165 73 Hässeby (SE).

(74) **VALMET FIBERTECH AB**; Sundqvist, Hans, S-851 94 Sundsvall (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B01D 46/48**

(11) **WO 00/69544** (13) A1

(21) PCT/KR99/00496

(22) **30 Aug/août 1999 (30.08.1999)**

(25) en (26) en

(30) 1999/7364 U **3 May/mai 1999 KR (03.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • APPARATUS FOR SPOUTING COMPRESSED AIR INTO DUST COLLECTOR

• DISPOSITIF DE SOUFFLAGE D'AIR COMPRIME DANS UN COLLECTEUR DE POUSSIÈRES

(71, 72) **MIN, Hung-Ki** [KR/KR]; 37-21, Yangjeok-ri, Woocheon-myun, Hoengsong-gun, Kangwon-do 225-850 (KR).

(74) **WON, Eun-Sup**; 3rd floor, Yajung Building, 736-16, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B01D 53/50, C02F 1/76, 1/62, 9/04**

(11) **WO 00/69545** (13) A1

(21) PCT/JP00/03093

(22) **15 May/mai 2000 (15.05.2000)**

(25) ja (26) ja

(30) 11/135279 **17 May/mai 1999 JP (17.05.1999)**

(30) 11/175155 **22 Jun/juin 1999 JP (22.06.1999)**

(30) 11/175156 **22 Jun/juin 1999 JP (22.06.1999)**

(30) 11/372430 **28 Dec/déc 1999 JP (28.12.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR FLUE GAS DESULFURIZATION AND FLUE GAS DESULFURIZATION SYSTEM

• PROCEDE ET SYSTEME DE DESULFURATION DE GAZ DE COMBUSTION

(71) **MITSUBISHI HEAVY INDUSTRIES, LTD.** [JP/JP]; 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8315 (JP).

(72) **YOSHIOKA, Atsushi**; Mitsubishi Heavy Industries, Ltd., 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8315 (JP). **IWA-SHITA, Koichiro**; Mitsubishi Heavy Industries, Ltd., 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8315 (JP). **OCHI, Eiji**; Mitsubishi Heavy Industries, Ltd., 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8315 (JP). **SHINODA, Takeo**; Mitsubishi Heavy Industries, Ltd., 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8315 (JP). **OKINO, Susumu**; Hiroshima Research & Development Center, Mitsubishi Heavy Industries, Ltd., 6-22, Kan-on-shinmachi 4-chome, Nishi-ku, Hiroshima-shi, Hiroshima 733-0036 (JP). **KAMIYOSHI, Hideki**; Shinryo High Technologies, Ltd., 1-16, Komatsu-dori 5-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0865 (JP). **BABA, Hiroshi**; Shinryo High Technologies, Ltd., 1-16, Komatsu-dori 5-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0865 (JP). **ITO, Tetsuya**; Shinryo High Technologies, Ltd., 1-16, Komatsu-dori 5-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0865 (JP). **ENDO, Atsumasa**; Shinryo High Technologies, Ltd., 1-16, Komatsu-dori 5-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0865 (JP). **NISHIDA, Morikata**; Shinryo High Technologies, Ltd., 1-16, Komatsu-dori 5-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0865 (JP).

(74) **OKUYAMA, Shoichi** et al. / etc.; Okuyama & Co., 8th floor, Akasaka Noa Building, 2-12, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) CN TR; EP (DE GB).

(51)<sup>6</sup> **B01D 53/86, B01J 35/04, 21/04, 21/06, 23/20, 23/42, C01B 17/00**

(11) **WO 00/69546** (13) A1

(21) PCT/ES99/00139

(22) **14 May/mai 1999 (14.05.1999)**

(25) es (26) es

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PARALLEL FLOW CATALYSTS FOR SULFUR DIOXIDE OXIDATION

• CATALYSEURS A FLUX PARALLELE POUR L'OXYDATION DE DIOXYDE DE SOUFRE

(71) **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS** [ES/ES]; Calle Serrano, 117, E-28006 Madrid (ES).  
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(72, 75) **BLANCO ALVAREZ, Jesús** [ES/ES]; Insto. Catalisis y Petroleoquímica, Consejo Superior de Investigaciones Científicas, UAM Campus de Cantoblanco, E-28049 Madrid (ES). **AVILA GARCIA, Pedro** [ES/ES]; Insto. Catalisis y Petroleoquímica, Consejo Superior de Investigaciones Científicas, UAM Campus de Cantoblanco, E-28049 Madrid (ES). **ALVAREZ SAIZ, M<sup>a</sup> Esperanza** [ES/ES]; Insto. Catalisis y Petroleoquímica, Consejo Superior de

- Investigaciones Científicas, UAM Campus de Cantoblanco, E-28049 Madrid (ES). **CHACON LARIOS, Carlos** [ES/ES]; Insto. Catalis y Petroleoquímica, Consejo Superior de Investigaciones Científicas, UAM Campus de Cantoblanco, E-28049 Madrid (ES). **RAMOS JIMENEZ, Juan Miguel** [ES/ES]; Insto. Catalis y Petroleoquímica, Consejo Superior de Investigaciones Científicas, UAM Campus de Cantoblanco, E-28049 Madrid (ES).
- (74) **OJEDA GARCIA, Pedro**; Consejo Superior de Investigaciones Científicas, Calle Serrano, 113, E-28006 Madrid (ES).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (a)
- 
- (51)<sup>7</sup> **B01D 65/08, 35/02, 35/30**
- (11) **WO 00/69547** (13) A1
- (21) PCT/AU00/00451
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) PQ 0357 **13 May/mai 1999 AU (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A FLUID FLOW HOUSING  
• LOGEMENT POUR DEBIT LIQUIDE
- (71) **ALIGNED CONCEPTS PTY LTD** [AU/AU]; Level 2, 154 Elizabeth Street, Sydney, NSW 2000 (AU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HORTON, David** [AU/AU]; 35 Alexander Street, Drummoyne, NSW 2047 (AU).
- (74) **GRIFFITH HACK**; 256 Adelaide Terrace, Perth, W.A. 6000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B01D 67/00, 69/12, 61/14, C07K 1/34, A23C 9/142, C12M 1/12, 3/06**
- (11) **WO 00/69548** (13) A1
- (21) PCT/US00/13550
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/314,270 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PLASMA-ANNEALED MEMBRANE FOR PROTEIN SEPARATION  
• MEMBRANE RECUITE AU PLASMA POUR SEPARATION DES PROTEINES
- (71) **REGENTS OF THE UNIVERSITY OF MINNESOTA** [US/US]; 100 Church Street, Minneapolis, MN 55455 (US).
- (74) **PETERSEN, Robert, J.**; NeoMecs Incorporated, 10180 Viking Drive, Eden Prairie, MN 55344-7207 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **B01D 71/68, 67/00**
- (11) **WO 00/69549** (13) A1
- (21) PCT/US00/12894
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,197 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CHARGED MEMBRANE  
• MEMBRANE CHARGEE
- (71) **PALL CORPORATION** [US/US]; 2200 Northern Boulevard, East Hills, NY 11548-1209 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WU, Xiaosong** [US/US]; 1210 Stonebridge Road, Pensacola, FL 32514 (US). **KINSEY, Joe, L., Jr.** [US/US]; 9776 Beverly Road, Irvington, AL 36544-0934 (US). **ISHEE, Michael** [US/US]; 5630 Leesway Boulevard, Pensacola, FL 32504 (US). **KONSTANTIN, Peter** [DE/DE]; Merxhausener Strasse 16, D-37627 Heinade (DE). **SHERTOK, Joel** [US/US]; 5449 Oakmont Drive, Pace, FL 32571 (US). **YANG, Yujing** [CN/US]; 7791 Northpoint Boulevard, Pensacola, FL 32514 (US).
- (74) **JAY, Jeremy, M.** et al. / etc.; Leydig, Voit & Mayer, Ltd., 700 Thirteenth Street, Suite 300, Washington, DC 20005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B01F 3/04, 5/00**
- (11) **WO 00/69550** (13) A1
- (21) PCT/JP00/03089
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) ja (26) ja
- (30) 11/171491 **15 May/mai 1999 JP (15.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SWING TYPE FINE AIR BUBBLE GENERATING DEVICE  
• GENERATEUR OSCILLANT DE MICROBULLES D'AIR
- (71, 72) **OHNARI, Hirofumi** [JP/JP]; 15-20, Jyogaoka 3-chome, Tokuyama-shi, Yamaguchi 745-0807 (JP).
- (74) **MURATA, Yukio**; Tochi Patent Office, Yaesu 5-5 Bldg., 6-5, Yaesu 2-chome, Chuo-ku, Tokyo 104-0028 (JP).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B01J 3/00, C09J 175/04, 163/00, B05D 1/02, C08G 18/08**
- (11) **WO 00/69551** (13) A1
- (21) PCT/EP00/04131
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) de (26) de
- (30) 199 22 018.2 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MULTI-COMPONENT ADHESIVE AND GLUING DEVICE, USED WITH A MULTI-COMPONENT ADHESIVE OF THIS TYPE

- ADHESIF A PLUSIEURS CONSTITUANTS ET DISPOSITIF SERVANT AU COLLAGE AVEC UN TEL ADHESIF

(71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstr. 54, D-80636 München (DE).  
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(72, 75) **MUTH, Oliver** [DE/DE]; Brühlstrasse 77, D-76227 Karlsruhe (DE). **HIRTH, Thomas** [DE/DE]; Karl-Franz-Strasse 80, D-77815 Bühl (DE).

(74) **LICHTI, Heiner** et al. / etc.; Postfach 41 07 60, D-76207 Karlsruhe (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> **B01J 8/24, 8/34, C08F 10/00**

(11) **WO 00/69552** (13) A1

(21) PCT/NL00/00334

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 1012082 **18 May/mai 1999 NL (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FLUIDISED BED POLYMERISATION  
• POLYMERISATION PAR LIT FLUIDISE

(71) **DSM N.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) **MUSTERS, Stanislaus, Martinus, Petrus** [NL/NL]; Eindstraat 9, NL-6166 EH Geleen (NL).

(74) **NIEUWKAMP, Johannes, Gerardus, Maria;** DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B01J 19/00, C07K 1/04**

(11) **WO 00/69553** (13) A1

(21) PCT/DE00/01540

(22) **12 May/mai 2000 (12.05.2000)**

(25) de (26) de

(30) 199 22 941.4 **14 May/mai 1999 DE (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DEVICE AND METHOD FOR PHOTOLITHOGRAPHICALLY IRRADIATING BIOLOGICAL SUBSTANCES

• PROCEDE ET DISPOSITIF D'EXPOSITION PHOTOLITHOGRAPHIQUE DE SUBSTANCES BIOLOGIQUES

(71) **EPIGENOMICS GMBH** [DE/DE]; Kastanienallee 24, D-10435 Berlin (DE).  
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(72, 75) **BRAUN, Aron** [CH/DE]; Christinensstrasse 24, D-10119 Berlin (DE). **HEUER-MANN, Arno** [DE/DE]; Steegerstrasse 70, D-13359 Berlin (DE).

(74) **SCHUBERT, Klemens;** Joachimstrasse 9, D-10119 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **B01J 19/08, C02F 1/04, 1/30, 1/32**

(11) **WO 00/69554** (13) A1

(21) PCT/US00/13628

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/134,487 **17 May/mai 1999 US (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ELECTROMAGNETIC ENERGY DRIVEN SEPARATION METHODS

• PROCEDES DE SEPARATION PAR ENERGIE ELECTROMAGNETIQUE

(71, 72) **MARCHITTO, Kevin, S.** [US/AU]; 127 Bellbird Road, Mt. Eliza, VIC 3930 (AU). **FLOCK, Stephen, T.** [US/AU]; 17 Gillards Road, Mt. Eliza, VIC 3930 (AU).

(74) **ADLER, Benjamin, A.;** McGregor & Adler, 8011 Candle Ln., Houston, TX 77071 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B01J 20/20, 20/28, 20/30, B01D 53/04, C04B 38/00, B01J 21/18**

(11) **WO 00/69555** (13) A1

(21) PCT/US99/07045

(22) **14 May/mai 1999 (14.05.1999)**

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ADSORPTIVE MONOLITH INCLUDING ACTIVATED CARBON, METHOD FOR MAKING SAID MONOLITH, AND METHOD FOR ADSORBING CHEMICAL AGENTS FROM FLUID STREAMS

• MONOLITHE ADSORBANT RENFERMANT DU CHARBON ACTIF, PROCEDE DE FABRICATION DE CE MONOLITHE, ET PROCEDE D'ADSORPTION D'AGENTS CHIMIQUES CONTENUS DANS DES COURANTS DE FLUIDES

(71) **APPLIED CERAMICS, INC.** [US/US]; 5555 Pleasantdale Road, Doraville, GA 30340 (US). **WESTVACO CORPORATION** [US/US]; 299 Park Avenue, New York, NY 10171 (US).

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(72, 75) **PARK, Minwoo** [KR/US]; 4701 Warrior Trail, Lilburn, GA 30247 (US). **RHODES, Frank, R.** [US/US]; 1351 Middleburg Hunt, Lawrenceville, GA 30244 (US). **L'AMOREAUX, Jack, H.** [US/US]; 3460 Smoke Rise Way, Lawrenceville, GA 30244 (US). **BAKER, Frederick, S.** [GB/US]; 118 Cainhoy Landing Road, Wando, SC 29492 (US). **BECKLER, Robert, K.** [US/US]; 514 South Main Street, Lexington, VA 24450 (US). **MCCUE, John, C.** [US/US]; 211 Sherry May Drive, Covington, VA 24426 (US).

(74) **SCHEINER, Burton;** Dennison, Meserole, Scheiner & Schultz, Suite 612, 1745 Jefferson Davis Highway, Arlington, VA 22202 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B01J 20/28, 35/00, C07C 1/02**

(11) **WO 00/69556** (13) A1

(21) PCT/US00/13955

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/314,708 **19 May/mai 1999 US (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • IMPROVED MIXED IONIC AND ELECTRONIC CONDUCTING CERAMIC MEMBRANES FOR HYDRO-CARBON PROCESSING



- MEMBRANES CERAMIQUES  
MIXTES AMELIOREES  
CONDUCTRICES D'IONS ET  
D'ELECTRONS POUR TRAITEMENT  
D'HYDROCARBURES
- (71) **ELTRON RESEARCH, INC.** [US/US]; 4600 Nautilus Court South, Boulder, CO 80301-3241 (US).
- (72) **VAN CALCAR, Pamela**; 2300 South Rock Creek Pkwy #2-104, Superior, CO 80027 (US). **MACKAY, Richard**; 1000 Willow Place, Lafayette, CO 80026 (US). **SAMMELLS, Anthony, F.**; 2145 Knollwood Drive, Boulder, CO 80302 (US).
- (74) **SULLIVAN, Sally, A.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, Boulder, CO 80303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B01J 29/85, 29/064, 29/83, C07C 29/124, 31/38, C07B 61/00**
- (11) **WO 00/69557** (13) A1
- (21) PCT/JP00/02711
- (22) **25 Apr/avr 2000 (25.04.2000)**
- (25) ja (26) ja
- (30) 11/131362 **12 May/mai 1999 JP (12.05.1999)**
- (30) 11/225112 **9 Aug/août 1999 JP (09.08.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CATALYSTS FOR THE PREPARATION OF FLUORINATED ALCOHOLS AND PROCESS FOR THE PREPARATION OF FLUORINATED ALCOHOLS  
• CATALYSEURS POUR LA PREPARATION D'ALCOOLS FLUORES ET PROCEDE DE PREPARATION D'ALCOOLS FLUORES
- (71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIKI, Jun** [JP/JP]; Yodogawa Seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP).  
**AOYAMA, Hirokazu** [JP/JP]; Yodogawa Seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-0044 (JP).
- (74) **SAEGUSA, Eiji** et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B01J 35/04, F01N 3/28**
- (11) **WO 00/69558** (13) A1
- (21) PCT/DE00/01489
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) de (26) de
- (30) 199 22 358.0 **14 May/mai 1999 DE (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HONEYCOMBED BODY WITH REINFORCEMENT ELEMENTS  
• CORPS EN NIDS D'ABEILLES AVEC ELEMENTS DE RIGIDIFICATION
- (71, 72) **SWARS, Helmut** [DE/DE]; Riedweg 11, D-51429 Bergisch Gladbach (DE).
- (74) **LIPPERT, STACHOW, SCHMIDT & PARTNER**; Frankenforster Strasse 135-137, D-51427 Bergisch Gladbach (DE).
- (81) BR IN JP KR RU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **B01J 49/00, C08F 6/00**
- (11) **WO 00/69559** (13) A1
- (21) PCT/CA00/00578
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/312,050 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SUPERCRITICAL CARBON DIOXIDE EXTRACTION OF CONTAMINANTS FROM ION EXCHANGE RESINS  
• EXTRACTION PAR DIOXYDE DE CARBONE SUPERCRITIQUE DES IMPURETES ISSUES DE RESINES ECHANGEUSES D'IONS
- (71) **ONTARIO POWER GENERATION INC.** [CA/CA]; 700 University Avenue, 18th Floor, Toronto, Ontario M5G 1X6 (CA).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DIAS, Shelton, A.** [CA/CA]; 800 Kipling Avenue, Toronto, Ontario M8Z 6C4 (CA). **SHAPKA, Walter** [CA/CA]; 800 Kipling Avenue, Toronto, Ontario M8Z 6C4 (CA).
- (74) **JOACHIM, Roland, H.**; Ridout & Maybee, One Queen Street East, Suite 2400, Toronto, Ontario M5C 3B1 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **B01L 3/00 // B01J 19/00, C12Q 1/68, G01N 21/17, 21/33, 21/75**
- (11) **WO 00/69560** (13) A1
- (21) PCT/US00/13131
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,086 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A CENTRIPETALLY-MOTIVATED MICROFLUIDICS SYSTEM FOR PERFORMING IN VITRO HYBRIDIZATION AND AMPLIFICATION OF NUCLEIC ACIDS  
• SYSTEME MICROFLUIDIQUE A FONCTIONNEMENT CENTRIPETE DESTINE A EFFECTUER UNE HYBRIDATION IN VITRO ET UNE AMPLIFICATION DES ACIDES NUCLEIQUES
- (63) US 60/134,086 (CON)  
14 May/mai 1999 (14.05.1999)
- (71) **GAMERA BIOSCIENCE CORPORATION** [US/US]; 200 Boston Avenue, Medford, MA 02155 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KELLOGG, Gregory** [US/US]; 137 Magazine Street, Cambridge, MA 02139 (US). **CARVALHO, Bruce, L.** [US/US]; 59 Merrill Road, Watertown, MA 02172 (US). **SHEPPARD, Norman, F., Jr.** [US/US]; 6 Battle Flagg Road, Bedford, MA 01730 (US). **NOONAN, Kevin, E.** [US/US]; 70 West Burton Place, Chicago, IL 60610 (US).
- (74) **NOONAN, Kevin, E.**; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **B01L 3/00, F28D 15/00, 13/06, F28F 7/00, 27/02, C12M 1/36, 1/34**
- (11) **WO 00/69561** (13) A1
- (21) PCT/US00/13220
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,264 **14 May/mai 1999 US (14.05.1999)**
- (30) 60/145,875 **27 Jul/juill 1999 US (27.07.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LIQUID METAL-HEATING APPARATUS FOR BIOLOGICAL/CHEMICAL SAMPLE
- APPAREIL DE CHAUFFAGE A METAL LIQUIDE POUR ECHANTILLON BIOLOGIQUE OU CHIMIQUE
- (71) **HITACHI CHEMICAL RESEARCH CENTER, INC.** [US/US]; 1003 Health Sciences Road West, Irvine, CA 92715 (US). **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Office of the President, 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MITSUHASHI, Masato** [JP/US]; 8 Brookmont, Irvine, CA 92714 (US). **CHU, Charles, Y.** [US/US]; 134 Aspen Way, Rolling Hills Estates, CA 90274 (US).
- (74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, LLP, Sixteenth Floor, 620 Newport Center Drive, Newport Beach, CA 92660-8016 (US).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B01L 3/02**
- (11) **WO 00/69562** (13) A1
- (21) PCT/CH99/00210
- (22) **18 May/mai 1999 (18.05.1999)**
- (25) fr (26) fr
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PIPETTE WITH TIP EJECTOR
- PIPETTE AVEC EJECTEUR D'EMBOUS
- (71) **SOCOREX ISBA S.A.** [CH/CH]; 7, chemin Champ Colomb, CH-1024 Ecublens (CH). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CHRISTEN, Sylvain** [CH/CH]; Socorex Isba S.A., 7, chemin Champ Colomb, CH-1024 Ecublens (CH). **ULDRY, Jean-Pierre** [CH/CH]; Socorex Isba S.A., 7, chemin Champ Colomb, CH-1024 Ecublens (CH).
- (74) **WILLIAM BLANC & CIE**; 9, rue du Valais, CH-1202 Genève (CH).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B02C 19/12, 23/02**
- (11) **WO 00/69563** (13) A1
- (21) PCT/US00/13350
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 09/313,219 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TIRE SHREDDING MACHINE AND METHOD OF USING THE SAME
- MACHINE A DECHIQUETER LES PNEUMATIQUES ET SON PROCEDE D'UTILISATION
- (71) **COMMON GROUND RECYCLING, INC.** [US/US]; 44 Buckingham Drive, Southampton, NJ 08088 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CRAMER, Neal, R.** [US/US]; 44 Buckingham Drive, Southampton, NJ 08088 (US).
- (74) **LEHRER, Norman, E.** et al. / etc.; 1205 North Kings Highway, Cherry Hill, NJ 08034 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B03B 5/02**
- (11) **WO 00/69565** (13) A1
- (21) PCT/IB00/00641
- (22) **13 May/mai 2000 (13.05.2000)**
- (25) en (26) en
- (30) BO99A000262 **18 May/mai 1999 IT (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR THE MANIPULATION OF PARTICLES BY MEANS OF DIELECTROPHORESIS
- PROCEDE ET DISPOSITIF DE MANIPULATION DE PARTICULES PAR DIELECTROPHORSE
- (71) **SILICON BIOSYSTEMS S.R.L.** [IT/IT]; Viale Ercolani, 3, I-40138 Bologna (IT). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MEDORO, Gianni** [IT/IT]; Via Lalmalfa Ugo, 3, I-71049 Trinitapoli (IT).
- (74) **TROMBETTI, Gioia**; Via Portazza, 8, I-40139 Bologna (IT).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B03B 5/46, 11/00**
- (11) **WO 00/69564** (13) A1
- (21) PCT/NL00/00322
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 1012097 **19 May/mai 1999 NL (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DEVICE FOR SORTING A MIX OF OBJECTS
- DISPOSITIF DESTINE A TRIER UN MELANGE D'ELEMENTS

(51)<sup>7</sup> B04B 1/14

(11) WO 00/69566 (13) A1

(21) PCT/EP00/01606

(22) 26 Feb/fév 2000 (26.02.2000)

(25) de (26) de

(30) 199 22 236.3 14 May/mai 1999 DE (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● CENTRIFUGE AND METHOD FOR OPERATING THE SAME

● CENTRIFUGEUSE ET PROCEDE POUR LA FAIRE FONCTIONNER

(71) WESTFALIA SEPARATOR AG [DE/DE]; Werner-Habig-Strasse 1, D-59302 Oelde (DE).

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

(72, 75) MACKEL, Wilfried [DE/DE]; Zum Sundern 54, D-59302 Oelde (DE). NIE-MERG, Willi [DE/DE]; Zum Schützenhof 5, D-59302 Oelde (DE). KLEIMANN, Thomas [DE/DE]; Dorfstrasse 10, D-59302 Oelde (DE).

(74) SPECHT, Peter et al. / etc.; Jöllenbecker Strasse 164, D-33613 Bielefeld (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> B04B 15/02, 1/14

(11) WO 00/69567 (13) A1

(21) PCT/EP00/01607

(22) 26 Feb/fév 2000 (26.02.2000)

(25) de (26) de

(30) 199 22 237.1 14 May/mai 1999 DE (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● CENTRIFUGE AND METHOD FOR OPERATING THE SAME

● CENTRIFUGEUSE ET PROCEDE POUR LA FAIRE FONCTIONNER

(71) WESTFALIA SEPARATOR AG [DE/DE]; Werner-Habig-Strasse 1, D-59302 Oelde (DE).

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

(72, 75) MACKEL, Wilfried [DE/DE]; Zum Sundern 54, D-59302 Oelde (DE).

(74) SPECHT, Peter et al. / etc.; Jöllenbecker Strasse 164, D-33613 Bielefeld (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> B04C 5/10, B01D 45/12

(11) WO 00/69568 (13) A1

(21) PCT/GB00/01853

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 9911336.7 15 May/mai 1999 GB (15.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● SEPARATION AND COLLECTION OF ANALYTE MATERIALS

● SEPARATION ET COLLECTE DE MATIERES DE SUBSTANCES A ANALYSER

(71) GRASEBY DYNAMICS LIMITED [GB/GB]; Park Avenue, Bushey, Watford, Herts WD2 2BW (GB).

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

(72, 75) DAY, Peter, John [GB/GB]; 63 Abbey Avenue, St. Albans, Hertfordshire AL3 4BA (GB).

(74) ROBERTS, Gwilym, Vaughan et al. / etc.; Kilburn &amp; Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> B05B 7/00, 7/24, F24F 6/14

(11) WO 00/69569 (13) A1

(21) PCT/US00/09217

(22) 6 Apr/avr 2000 (06.04.2000)

(25) en (26) en

(30) 09/310,524 12 May/mai 1999 US (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● FAN PROPELLED MISTER

● NEBULISEUR A SOUFFLERIE

(71, 72) UTTER, Steven, M. [US/US]; 481 North Longmore Street, Chandler, AZ 85224 (US).

(72) UTTER, Geri; 481 North Longmore Street, Chandler, AZ 85224 (US).

(74) PAUL, James, W. et al. / etc.; Fulwider Patton Lee &amp; Utecht, LLP, Howard Hughes Center, 6060 Center Drive, 10th floor, Los Angeles, CA 90025 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> B05B 13/04, B66F 11/00

(11) WO 00/69570 (13) A1

(21) PCT/SE00/00960

(22) 12 May/mai 2000 (12.05.2000)

(25) sv (26) en

(30) 9901749-3 12 May/mai 1999 SE (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● WHEEL EQUIPPED CARRIAGE FOR A FORWARD AND BACKWARD MOVEMENT ALONG AN ESSENTIALLY LINEAR TRACK IN CONNECTION TO A PAINTING AUTOMATE

● CHARIOT EQUIPE DE ROUES A MOUVEMENT AVANT ET ARRIERE SUIVANT UNE PISTE PRATIQUEMENT LINEAIRE EN CONNEXION A UN AUTOMATE DE PEINTURE

(71) PATRIC &amp; BROTHERS AB [SE/SE]; Kolleröd 301, S-471 91 Klövedal (SE).

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

(72, 75) BENGTSSON, Patric [SE/SE]; Kolleröd 301, S-471 91 Klövedal (SE).

(74) ERIKSSON, Hans; Box 50, S-641 21 Katrineholm (SE).

(81) AU BG BR CA CN CZ EE HU IL IN JP KR MX NO PL RO RU TR UA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> B05C 5/02

(11) WO 00/69571 (13) A1

(21) PCT/EP00/02244

(22) 14 Mar/mar 2000 (14.03.2000)

(25) de (26) de

(30) 199 22 088.3 17 May/mai 1999 DE (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● DEVICE FOR APPLYING RAISED STRUCTURES CONSISTING OF SYNTHETIC MATERIAL ONTO SURFACES

● DISPOSITIF POUR L'APPLICATION DE STRUCTURES EN RELIEF EN MATIERE PLASTIQUE SUR DES SURFACES

(71) A.W. FABER-CASTELL UNTERNEHMENSVERWALTUNG GMBH &amp; CO. [DE/DE]; Nürnberger Strasse 2, D-90547 Stein (DE).

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

(72, 75) BECK, Udo [DE/DE]; Brunhildstrasse 32, D-90461 Nürnberg (DE). LUGERT, Gerhard [DE/DE]; Hartungstrasse 65 b, D-90431 Nürnberg (DE). BOCH, Roland [DE/DE]; Martin-Luther-Strasse 3, D-90574 Roßtal (DE).

(74) MÖRTEL &amp; HÖFNER; Blumenstrasse 1, D-90402 Nürnberg (DE).

(81) BR CZ JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B05D 1/00**

(11) **WO 00/69572** (13) A2

(21) PCT/US00/12768

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 09/313,051 **17 May/mai 1999** US  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SURFACE MODIFICATION USING HYDRIDOSILANES TO PREPARE MONOLAYERS

• MODIFICATION DE SURFACE AVEC DES HYDRIDOSILANES POUR PREPARER DES MONOCOUCHEs

(63) US 09/313,051 (CON)  
17 May/mai 1999 (17.05.1999)

(71) **UNIVERSITY OF MASSACHUSETTS** [US/US]; One Beacon Street, 26th Floor, Boston, MA 02108 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCCARTHY, Thomas, J.** [US/US]; 89 Mount Warner Road, Hadley, MA 01035 (US). **FADEEV, Alexander, Y** [RU/US]; 287 Riverglade Drive #13, Amherst, MA 01002 (US).

(74) **CREASON, Gary, 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B07B 1/46**

(11) **WO 00/69573** (13) A1

(21) PCT/NO00/00149

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 19992330 **14 May/mai 1999** NO  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SCREENING FABRIC AND METHOD OF PRODUCING SAME

• TOILE DE CRIBLAGE ET PROCEDE DE FABRICATION ASSOCIE

(71, 72) **BJØRNSTAD, Thor** [NO/NO]; Lande, N-4513 Mandal (NO).

(74) **HÅMSØ, Eivind** et al. / etc.; Håmsø Patentbyrå Ans, Box 171, N-4302 Sandnes (NO).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **B07C 3/00**

(11) **WO 00/69574** (13) A1

(21) PCT/DE00/00995

(22) **3 Apr/avr 2000 (03.04.2000)**

(25) de (26) de

(30) 199 22 788.8 **18 May/mai 1999** DE  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR SORTING MAIL  
• PROCEDE DE TRI D'ENVOIS

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSENBAUM, Walter, S.** [US/FR]; 3, rue Eugène Labiche, F-75116 Paris (FR).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) AU CA JP NZ US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B08B 3/04, H01L 21/00**

(11) **WO 00/69575** (13) A1

(21) PCT/US00/10366

(22) **14 Apr/avr 2000 (14.04.2000)**

(25) en (26) en

(30) 11/136994 **18 May/mai 1999** JP  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND APPARATUS FOR WASHING A WAFER CARRIER  
• PROCEDE ET APPAREIL DE NETTOYAGE D'UN PORTE-PLAQUETTE

(71) **MEMC ELECTRONIC MATERIALS, INC.** [US/US]; 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US).  
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(72, 75) **IWAMOTO, Yosio** [JP/JP]; MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US). **KUROKAWA, Hiroyuki** [JP/JP]; MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US).

(74) **HEJLEK, Edward, J.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, 16th floor, One Metropolitan Square, St. Louis, MO 63102 (US).

(81) CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> **B08B 3/08**

(11) **WO 00/69576** (13) A1

(21) PCT/BE99/00080

(22) **23 Jun/juin 1999 (23.06.1999)**

(25) en (26) en

(30) PCT/BE99/00061 **12 May/mai 1999** BE  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A METHOD FOR REMOVING A POLYMER COATING FROM A CARRIER PART  
• PROCEDE D'ELIMINATION D'UN REVETEMENT POLYMERE A PARTIR D'UN ELEMENT DE SUPPORT DE CELUI-CI

(71) **SEGHERS BETTER TECHNOLOGY FOR SERVICES+MACHINERY, ZELE** [BE/BE]; Gentssesteenweg 311, B-9240 Zele (BE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEEROMS, André** [BE/BE]; Edestraat 29, B-9420 Erpe-Mere (BE).

(74) **LUYS, Marie-José** et al. / etc.; Gevers & Vander Haeghen, Rue de Livourne, 7, B-1060 Brussels (BE).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **B08B 3/12, 6/00, 7/00, 5/04, 9/20, 3/00, 3/14, 7/00, 1/02, 7/02, C25F 1/00, 3/30, 5/00, C03C 23/00, C23G 1/00**

(11) **WO 00/69577** (13) A1

(21) PCT/US00/13138

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/311,800 **13 May/mai 1999 US (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHODS FOR CLEANING MICROELECTRONIC SUBSTRATES USING ULTRADILUTE CLEANING LIQUIDS

• PROCEDES PERMETTANT DE NETTOYER DES SUBSTRATS MICROELECTRONIQUES A L'AIDE DE LIQUIDES DE NETTOYAGE ULTRADILUES

(71) **FSI INTERNATIONAL** [US/US]; 322 Lake Hazeltine Drive, Chaska, MN 55318-1096 (US).

(72) **PURI, Suraj**; 1265 Woodview Terrace, Los Altos, CA 94024-7048 (US). **MEDEIROS, Joseph, Jr.**; 1287 Loyola Drive, Santa Clara, CA 95051-3959 (US). **MOHINDRA, Raj**; 35 Seville Drive, Los Altos Hills, CA 94022-1757 (US).

(74) **YEE, George, B., F.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B08B 7/00, E01H 1/00**

(11) **WO 00/69578** (13) A1

(21) PCT/FR99/01133

(22) **12 May/mai 1999 (12.05.1999)**

(25) fr (26) fr

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • REMOVING CHEWING GUM WITH LIQUID GAS

• NETTOYAGE DE CHEWING-GUM AVEC DU GAZ LIQUIDE

(71, 72) **MORIN, Pierre-Claude** [FR/FR]; 138, Allée de la Guiche, F-77310 Saint Fargeau (FR).

(81) CA US.

(51)<sup>7</sup> **B21B 29/00**

(11) **WO 00/69579** (13) A1

(21) PCT/EP00/04075

(22) **6 May/mai 2000 (06.05.2000)**

(25) de (26) de

(30) 199 22 373.4 **14 May/mai 1999 DE (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • BENDING DEVICE FOR THE WORKING ROLLS OF A HOT-ROLLING FRAME

• DISPOSITIF DE PLIAGE POUR LES CYLINDRES DE TRAVAIL D'UNE CAGE DE LAMINOIR A CHAUD

(71) **SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT** [DE/DE]; Eduard-Schloemann-Strasse 4, D-40237 Düsseldorf (DE).  
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(72, 75) **SUDAU, Peter** [DE/DE]; Hüttenweg 5, D-57271 Hilchenbach (DE). **MÜLLER, Heinz-Adolf** [DE/DE]; Hühstrasse 18, D-57234 Wilnsdorf (DE).

(74) **VALENTIN, Ekkehard**; Valentin, Gihske, Grosse, Hammerstrasse 2, D-57072 Siegen (DE).

(81) AL AU BA BB BG BR CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **B21D 5/02**

(11) **WO 00/69580** (13) A1

(21) PCT/NL00/00323

(22) **16 May/mai 2000 (16.05.2000)**

(25) nl (26) en

(30) 1012072 **17 May/mai 1999 NL (17.05.1999)**

(30) 1013517 **8 Nov/nov 1999 NL (08.11.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND APPARATUS FOR BENDING WORKPIECES

• PROCEDE ET APPAREIL DE PLIAGE DE PIECES

(71, 72) **LIET, Cornelis, Hendricus** [NL/NL]; Denekampdijk 38, NL-7581 PJ Losser (NL).

(74) **DE VRIES & METMAN B.V.**; A.R. Aalbers, Overschiestraat 180, NL-1062 XK Amsterdam (NL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **B21F 1/00, B21D 7/025**

(11) **WO 00/69581** (13) A1

(21) PCT/JP00/03115

(22) **15 May/mai 2000 (15.05.2000)**

(25) ja (26) ja

(30) 11/137317 **18 May/mai 1999 JP (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • WIRE BENDING MACHINE AND BENDING METHOD

• MACHINE A CINTRER DES FILS ET PROCEDE DE CINTRAGE

(71) **KABUSHIKI KAISHA YASKAWA DENKI** [JP/JP]; 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP).

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

(72, 75) **KATSUYAMA, Kei** [JP/JP]; Kabushiki Kaisha Yaskawa Denki, 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP).

(81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> **B21H 8/00, B21B 37/24**

(11) **WO 00/69582** (13) A1

(21) PCT/EP00/04269

(22) **11 May/mai 2000 (11.05.2000)**

(25) de (26) de

(30) 199 21 720.3 **12 May/mai 1999 DE (12.05.1999)**

(30) 199 25 118.5 **1 Jun/juin 1999 DE (01.06.1999)**

(30) 199 27 053.8 **14 Jun/juin 1999 DE (14.06.1999)**

(30) 199 32 390.9 **14 Jul/juil 1999 DE (14.07.1999)**

(30) 199 33 880.9 **22 Jul/juil 1999 DE (22.07.1999)**

(30) 199 38 966.7 **17 Aug/août 1999 DE (17.08.1999)**

(30) 100 19 175.4 **7 Apr/avr 2000 DE (07.04.2000)**

(43) 23 Nov/nov 2000 (23.11.2000)

- (54) • METHOD FOR PRODUCING A STRIPLIKE PRE-MATERIAL MADE OF METAL, ESPECIALLY A PRE-MATERIAL WHICH HAS BEEN PROFILED INTO REGULARLY REOCCURRING SECTIONS, AND DEVICE THEREFOR
- PROCEDE DE FABRICATION D'UN PRODUIT DE DEPART METALLIQUE EN FORME DE BANDE, EN PARTICULIER D'UN PRODUIT DE DEPART PROFILE A INTERVALLES REGULIERS, ET UTILISATION D'UN DISPOSITIF PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE
- (71) **HJB ROLLING MILL TECHNOLOGY GMBH** [DE/DE]; Industriestrasse 95, D-75417 Mühlacker (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BAUDER, Hans-Jörg** [DE/DE]; Hauptmannstrasse 35, D-75417 Mühlacker (DE).
- (74) **TWELMEIER, Ulrich** et al. / etc.; Zerrnenstrasse 23-25, D-75172 Pforzheim (DE).
- (81) AU BG BR CA CN CZ HR HU ID IL IN JP KR PL RO RU SK TR UA US YU ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **B22C 9/08, B22D 43/00, B01D 39/20**
- (11) **WO 00/69583** (13) A1
- (21) PCT/GB00/01797
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 60/134,616 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • FILTER ASSEMBLY
- ENSEMBLE FILTRE
- (71) **FOSECO INTERNATIONAL LIMITED** [GB/GB]; Burmah Castrol House, Pipers Way, Swindon, Wiltshire SN3 1RE (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SANDFORD, Philip** [US/US]; 26840 Driscoll Lane, North Olmsted, OH 44070 (US). **WILLIAMS, Richard, Barton** [US/US]; 24700 E Oakland Road, Bay Village, OH 44140 (US). **BEGAN, Brian, Edward** [US/US]; 3591 Mark Drive, Broadview Hts., OH 44147 (US).
- (74) **CLAYTON, Anthony, Nicholas**; Burmah Castrol House, Pipers Way, Swindon, Wiltshire SN3 1RE (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B22C 11/10**
- (11) **WO 00/69584** (13) A1
- (21) PCT/DK99/00267
- (22) **17 May/mai 1999 (17.05.1999)**
- (25) en (26) en
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • APPARATUS FOR PRODUCING CASTING MOULD PARTS AND COMPRISING AUXILIARY GUIDE COLUMNS
- APPAREIL PERMETTANT DE PRODUIRE DES MOULES DE COULEE ET COMPRENANT DES COLONNES GUIDES AUXILIAIRES
- (71) **GEORG FISCHER DISA A/S** [DK/DK]; Herlev Hovedgade 17, DK-2730 Herlev (DK).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JOHANSEN, Jan, Bechmann** [DK/DK]; Bakkevej 7, DK-3050 Humlebæk (DK).
- (74) **BUDDE, SCHOU & CO. A/S**; Vestergade 31, DK-1456 København K (DK).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B22C 11/10, 7/04**
- (11) **WO 00/69585** (13) A1
- (21) PCT/DK99/00270
- (22) **18 May/mai 1999 (18.05.1999)**
- (25) en (26) en
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • FIXTURE FOR MOUNTING A PATTERN PLATE IN A MOULDING MACHINE PRODUCING SAND MOULDS
- DISPOSITIF DE FIXATION POUR LE MONTAGE D'UNE PLAQUE PORTE-MODELES DANS UN EQUIPEMENT DE MOULAGE PRODUISANT DES MOULES AU SABLE
- (71) **GEORG FISCHER DISA A/S** [DK/DK]; Herlev Hovedgade 17, DK-2730 Herlev (DK).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOGENSEN, Vagn** [DK/DK]; Sassvej 6, DK-2820 Gentofte (DK).
- (74) **BUDDE, SCHOU & OSTENFELD A/S**; Vester Søgade 10, DK-1601 København V (DK).
- 
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B22C 11/10 // 21/10**
- (11) **WO 00/69586** (13) A1
- (21) PCT/DK00/00250
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) PCT/DK99/00267 **17 May/mai 1999 DK (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • APPARATUS FOR PRODUCING CASTING MOULD PARTS AND COMPRISING AUXILIARY GUIDING MEANS
- DISPOSITIF DE PRODUCTION DE PIECES MOULEES, COMPRENANT DES MOYENS DE GUIDAGE AUXILIAIRES
- (71) **GEORG FISCHER DISA A/S** [DK/DK]; Herlev Hovedgade 17, DK-2730 Herlev (DK).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JOHANSEN, Jan, Bechmann** [DK/DK]; Bakkevej 7, DK-3050 Humlebæk (DK).
- (74) **BUDDE, SCHOU & OSTENFELD A/S**; Vester Søgade 10, DK-1601 København V (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **B22F**
- (11) **WO 00/69587** (13) A2
- (21) PCT/US00/13830
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 09/315,077 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)

- (54) • **LOW PRESSURE INJECTION MOLDING OF FLAT TABLEWARE FROM METAL FEEDSTOCKS**  
 • MOULAGE PAR INJECTION A BASSE PRESSION D'ARTICLES DE TABLE PLATS A PARTIR DE MATIERES PREMIERES METALLIQUES
- (71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) **SESNY, Steve**; 266 Marigold Court, Toms River, NJ 08753 (US). **SCHOONOVER, James**; 6 Chamberlain Road, Flemington, NJ 08822 (US).
- (74) **CRISS, Roger, H.** et al. / etc.; AlliedSignal Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B22F 9/04, H01G 9/052**
- (11) **WO 00/69588** (13) A1
- (21) PCT/US00/12260
- (22) **5 May/mai 2000 (05.05.2000)**
- (25) en (26) en
- (30) 09/310,322 **12 May/mai 1999 US (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **HIGH CAPACITANCE NIOBIUM POWDERS AND ELECTROLYTIC CAPACITOR ANODES**  
 • POUDRES ET ANODES DE CONDENSATEUR ELECTROLYTIQUES EN NIOBIUM DE GRANDE CAPACITE
- (71) **CABOT CORPORATION** [US/US]; 75 State Street, Boston, MA 02109-1806 (US).
- (72) **HABECKER, Kurt, A.**; 102 Timberline Drive, Douglassville, PA 19518 (US). **FIFE, James, A.**; 1352 Inverness Court, Myrtle Beach, SC 29575 (US).
- (74) **LANDO, Michelle, B.**; Cabot Corporation, 157 Concord Road, P.O. 7001, Billerica, MA 01821-7001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B23B 5/16**
- (11) **WO 00/69589** (13) A1
- (21) PCT/DE00/01474
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) de (26) de
- (30) 199 21 919.2 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **MULTIFUNCTIONAL DEVICES FOR TREATING THE END SECTIONS OF WORK PIECES BY TURNING ON A LATHE WITH A STATIONARY WORK PIECE AND AT LEAST ONE REVOLVING TOOL**  
 • DISPOSITIFS MULTIFONCTIONNELS POUR USINER DES ZONES D'EXTREMITE DE PIECES PAR TOURNAGE AU MOYEN D'AU MOINS UN OUTIL ROTATIF ET D'UNE PIECE FIXE
- (71) **SCHÜBEL ENGINEERING GMBH** [DE/DE]; Bahnhofstrasse, D-09648 Mittweida (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WALLICH, Erich** [DE/DE]; Friedensstrasse 93, D-47623 Kevelaer (DE). **TROMMLER, Werner** [DE/DE]; Hofersstrasse 45, D-09130 Chemnitz (DE).
- (74) **KRAUSE, Wolfgang**; Dreierwender Weg 77c, D-09648 Mittweida (DE).
- (81) AE AM AU AZ BR CA CN CZ GE IN JP KG KR KZ MX NO NZ PL RU SK TR UA US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B23B 29/034**
- (11) **WO 00/69590** (13) A1
- (21) PCT/DK00/00232
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) da (26) en
- (30) PA 1999 00666 **12 May/mai 1999 DK (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **BORING TOOL**  
 • OUTIL A ALESER
- (71) **LARSEN TOOLING APS** [DK/DK]; Forskerparken, Gustav Wiedsvej 10, DK-8000 Aarhus C (DK).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LARSEN, Erik** [DK/DK]; Kokborgvej 21, DK-7130 Juelsminde (DK).
- (74) **HOLME PATENT A/S**; Vesterbrogade 20, DK-1620 Copenhagen V (DK).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (a)
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- (51)<sup>7</sup> **B23B 31/02**
- (11) **WO 00/69591** (13) A1
- (21) PCT/US00/12865
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 09/311,130 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **TOOL BLOCK AND HOLDER FOR LATHES**  
 • PORTE-OUTIL ET PORTE-PLAQUETTE POUR TOURS
- (71, 72) **BILLINGTON, Steven, R.** [US/US]; 204 E. Wilson Street, Bryant, IN 47326 (US).
- (74) **BROWNING, Clifford, W.** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B23D 47/04**
- (11) **WO 00/69592** (13) A1
- (21) PCT/IB00/00644
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) it (26) en
- (30) BO99A000255 **13 May/mai 1999 IT (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **DEVICE FOR CUTTING WORKPIECES, IN PARTICULAR PLASTIC ELEMENTS FOR PROTECTING ELECTRIC CABLES**  
 • DISPOSITIF POUR DECOUPER DES PIECES USINEES ET NOTAMMENT DES ELEMENTS DE PROTECTION DE CABLES ELECTRIQUES

- (71) **ELETTROTECNICA IMOLESE S.R.L.** [IT/IT]; Via Pagnina, 4, I-40020 Bubano di Mordano (IT).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FORESTI, Ottavio** [IT/IT]; Via Correcchio, 5/E, I-40026 Imola (IT).
- (74) **FANZINI, Valeriano** et al. / etc.; Bugnion S.p.A., Via Goito, 18, I-40126 Bologna (IT).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **B23K 9/20, 35/02**
- (11) **WO 00/69593** (13) A1
- (21) PCT/GB00/01712
- (22) **4 May/mai 2000 (04.05.2000)**
- (25) en (26) en
- (30) 199 22 679.2 **18 May/mai 1999 (18.05.1999)** DE
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● PROCESS AND DEVICE FOR TWO-STAGE ARC WELDING OF A STUD TO A METALLIC STRUCTURE AND ASSOCIATED STUD
- PROCEDE ET DISPOSITIF PERMETTANT LE SOUDAGE A L'ARC EN DEUX ETAPES D'UN GOUJON A UNE STRUCTURE METALLIQUE ET GOUJON ASSOCIE
- (71) **EMHART INC.** [US/US]; Drummond Plaza Office Park, 1423 Kirkwood Highway, Newark, DE 19711 (US).  
(for all designated States except / pour tous les États désignés sauf MG US)
- (71) **BLACK & DECKER EUROPE** [GB/GB]; 210 Bath Road, Slough SL1 3YD (GB).  
(only for / seulement pour MG)
- (72, 75) **ROESER, Hermann** [DE/US]; 35 Chatterton Woods, Hampden, CT 06518 (US).
- (74) **SHAYA, Darrin, Maurice** et al. / etc.; Black & Decker, 210 Bath Road, Slough SL1 3YD (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>6</sup> **B23K 26/00**
- (11) **WO 00/69594** (13) A1
- (21) PCT/US99/11044
- (22) **18 May/mai 1999 (18.05.1999)**
- (25) en (26) en
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD AND APPARATUS FOR LASER MACHINING WORKPIECES WITH LIQUID BACKING
- USINAGE AU LASER DE PIECES SUR FOND LIQUIDE ET APPAREIL A CET EFFET
- (71) **UNITED STATES ENRICHMENT CORPORATION** [US/US]; Two Democracy Center, 4th floor, 6903 Rockledge Drive, Bethesda, MD 20817 (US).
- (72) **WARNER, Bruce, E.**; 4204 Casterson Court, Pleasanton, CA 94566 (US). **ROCKHOLD, Charles, T.**; 2199 Lagrange Court, Livermore, CA 94550 (US).
- (74) **LEMOND, Kevin, T.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B24B**
- (11) **WO 00/69595** (13) A2
- (21) PCT/US00/13399
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 09/315,221 **19 May/mai 1999 (19.05.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD AND APPARATUS FOR AUTOMATICALLY ADJUSTING THE CONTOUR OF A WAFER CARRIER SURFACE
- PROCEDE ET APPAREIL DE REGLAGE AUTOMATIQUE DU CONTOUR D'UNE SURFACE DE PORTE-PLAQUETTES
- (71) **SPEEDFAM-IPEC CORPORATION** [US/US]; 305 North 54th Street, Chandler, AZ 85226 (US).
- (72) **MELONI, Mark, A.**; 701 West Grove Parkway, Tempe, AZ 85283 (US).
- (74) **FARMER, James, L.**; Speedfam-Ipec Corporation, 305 North 54th Street, Chandler, AZ 85226 (US).
- (81) DE GB JP KR SG.
- 
- (51)<sup>7</sup> **B24B 3/36, 3/46, B26D 7/12**
- (11) **WO 00/69596** (13) A1
- (21) PCT/IB00/00598
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) UD99A000095 **12 May/mai 1999 (12.05.1999)** IT
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SHARPENING DEVICE FOR DISK BLADES
- DISPOSITIFS D'AFFUTAGE POUR DISQUES DE COUPE
- (71) **JULIA UTENSILI S.R.L.** [IT/IT]; S.S. 13, Km 147,5, I-33017 Tarcento (IT).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CIANI, Tristano** [IT/IT]; Via S. Pelagio, 1, I-33019 Tricesimo (IT).
- (74) **PETRAZ, Gilberto**; GLP S.r.l., Piazzale Cavedalis, 6/2, I-33100 Udine (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B24B 37/04, 37/00, H01L 21/304, 21/68**
- (11) **WO 00/69597** (13) A1
- (21) PCT/JP00/03159
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) ja (26) ja
- (30) 11/135631 **17 May/mai 1999 (17.05.1999)** JP
- (30) 11/135637 **17 May/mai 1999 (17.05.1999)** JP
- (30) 11/135652 **17 May/mai 1999 (17.05.1999)** JP
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD AND DEVICE FOR POLISHING DOUBLE SIDES
- PROCEDE ET DISPOSITIF DE POLISSAGE DOUBLE FACE
- (71) **KASHIWARA MACHINE MFG. CO., LTD.** [JP/JP]; 1-22, Kawaharacho, Kashiwara-shi, Osaka 582-0004 (JP). **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) **HORIGUCHI, Akira** [JP/JP]; 103, 12-11, Mamigaoka 7-chome, Kashiba-shi, Nara 639-0223 (JP). **ISOBE, Ken** [JP/JP]; 1-38, Okayama 2-chome, Shijyonawate-shi, Osaka 575-0002 (JP). **TANAKA, Heigo** [JP/JP]; 5030-2, Ura, Karatsu-shi, Saga 847-0124 (JP). **FUKUSHIMA, Tomio** [JP/JP]; 1-22, Ooi 3-chome, Fujiidera-shi, Osaka 583-0008 (JP). **MURATA, Kiyohide** [JP/JP]; 16-30, Takakura-cho, Nishinomiya-shi, Hyogo 662-0872 (JP). **TAKEDA, Tsuneo** [JP/JP]; 19, Okuda, Kasagi, Aza, Kasagi-cho, Sourakugun, Kyoto 619-1303 (JP). **UZU, Yoshiaki** [JP/JP]; Room 201, Famiiru Wakakusa, 6-7-2, Seyahigashi, Sangou-cho, Ikomagun, Nara 636-0811 (JP). **MATSUMOTO, Hiroshi** [JP/JP]; 2-23-3, Tatsunominami, Sangou-cho, Ikomagun, Nara 636-0822 (JP).

(74) **UBUKATA, Motoshige** et al. / etc.; 6-15, Kawaramachi 4-chome, Chuuo-ku, Osaka-shi, Osaka 541-0048 (JP).

(81) DE US.

Published / Publiée : (b)

(51)<sup>7</sup> **B25B 23/143, 15/02 // 23/142, F16D 7/02**

(11) **WO 00/69598** (13) A1

(21) PCT/SE00/00970

(22) **17 May/mai 2000 (17.05.2000)**

(25) sv (26) en

(30) 9901811-1 **18 May/mai 1999 SE (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **TORQUE-LIMITING SCREWDRIVER**  
• **TOURNEVIS LIMITEUR DE COUPLE**

(71, 72) **OLSSON, Tommy** [SE/SE]; Söderby, S-335 91 Gnosjö (SE).

(74) **CEGUMARK AB**; Box 53047, S-400 14 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ YN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **B25B 23/16**

(11) **WO 00/69599** (13) A1

(21) PCT/US00/11745

(22) **27 Apr/avr 2000 (27.04.2000)**

(25) en (26) en

(30) 09/310,504 **12 May/mai 1999 US (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **RETAINING DEVICE WITH METAL INSERT**

• **DISPOSITIF DE RETENUE A ELEMENT RAPPORTE METALLIQUE**

(71) **FARLEY, D., Gray** [US/US]; 19205 Woodlands Lane, Huntington Beach, CA 92648 (US).

(74) **ANDRAS, Joseph, C.** et al. / etc.; Myers, Dawes & Andras LLP, Suite 650, 650 Town Center Drive, Costa Mesa, CA 92626 (US).

(81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B25J 15/06, B65G 47/91**

(11) **WO 00/69600** (13) A1

(21) PCT/SE00/00944

(22) **11 May/mai 2000 (11.05.2000)**

(25) sv (26) en

(30) 9901759-2 **12 May/mai 1999 SE (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **SWIVEL**

• **DISPOSITIF TOURNANT**

(71) **ABB AB** [SE/SE]; S-721 83 Västerås (SE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THULIN, Mats** [SE/SE]; Kaserngatan 16A, S-723 47 Västerås (SE).

(74) **LARSSON, Håkan** et al. / etc.; ABB AB, Patent, S-721 78 Västerås (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VZ YN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B25J 19/00, 9/06**

(11) **WO 00/69601** (13) A1

(21) PCT/US00/12184

(22) **5 May/mai 2000 (05.05.2000)**

(25) en (26) en

(30) 09/314,654 **19 May/mai 1999 US (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **CORROSION RESISTANT EXOSKELETON ARM LINKAGE ASSEMBLY**

• **ENSEMBLE ARTICULATION POUR BRAS D'EXOSQUELETTE RESISTANT A LA CORROSION POUR BRAS D'EXOSQUELETTE**

(71) **BROOKS AUTOMATION, INC.** [US/US]; 15 Elizabeth Drive, Chelmsford, MA 01824 (US).

(72) **BEAULIEU, David, R.**; 16 Fletcher Hill Lane, Groton, MA 01450 (US). **CAVENEY, Robert, T.**; 14 Field Road, Windham, NH 03087 (US). **HA, Tuan**; 90 High Street, Dedham, MA 02026 (US).

(74) **GREEN, Clarence, A.**; Perman & Green, LLP, 435 Post Road, Fairfield, CT 06430 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B26B 21/44**

(11) **WO 00/69602** (13) A1

(21) PCT/FR00/01243

(22) **9 May/mai 2000 (09.05.2000)**

(25) fr (26) fr

(30) 99/06084 **12 May/mai 1999 FR (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **RAZOR HEAD COMPRISING AN ANTI-FRICTION ELEMENT JOINED TO A BASE WHICH IS SECURED BY MEANS OF WELDING**

• **TETE DE RASOIR COMPORTANT UN ELEMENT ANTI-FRICTION SOLIDAIRE D'UNE SEMELLE FIXEE PAR SOUDURE**

(71) **SOCIETE BIC** [FR/FR]; 14, rue Jeanne d'Asnières, F-92611 Clichy (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POUETTRE, Michaël** [FR/FR]; 16, rue de Paris, F-14910 Blonville sur Mer (FR). **LANGE, Didier** [FR/FR]; 1, allée des Courlis, F-62360 Saint Léonard (FR).

(74) **TOUATI, Catherine**; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VZ YN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **B26B 29/00, 5/00**  
 (11) **WO 00/69603** (13) A1  
 (21) PCT/US00/09683  
 (22) **11 Apr/avr 2000 (11.04.2000)**  
 (25) en (26) en  
 (30) 09/310,269 **12 May/mai 1999** US  
 (12.05.1999)  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **GUIDED CUTTING SYSTEM**  
 • **SYSTEME DE COUPE GUIDE**  
 (71) **THE ANTIOCH COMPANY** [US/US];  
 3001 Clearwater Road, St. Cloud, MN  
 56302 (US).  
 (72) **LIRA-NUNEZ, Carmen**; 1615 15th Ave-  
 nue S.E. #232, St. Cloud, MN 56304  
 (US). **CAI, Erhua**; 917 21st Street, S.E.,  
 St. Cloud, MN 56304 (US). **REARDON,**  
**James, W.**; 701 2nd Street N.E., St. Ste-  
 phen, MN 56375 (US).  
 (74) **FOLKERTS, Michael, D.** et al. / etc.; Bie-  
 bel & French, 35 East First Street, Dayton,  
 OH 45402 (US).  
 (81) AE AL AM AT AU AZ BA BB BG BR BY  
 CA CH CN CR CU CZ DE DK DM 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 NO  
 NZ PL PT RO RU SD SE SG SI SK SL TJ  
 TM TR TT TZ UA UG UZ VN YU ZA ZW;  
 AP (GH GM KE LS MW SD SL SZ TZ UG  
 ZW); EA (AM AZ BY KG KZ MD RU TJ  
 TM); EP (AT BE CH CY DE DK ES FI FR  
 GB GR IE IT LU MC NL PT SE); OA (BF  
 BJ CF CG CI CM GA GN GW ML MR NE  
 SN TD TG).
- 
- (51)<sup>7</sup> **B26B 29/04**  
 (11) **WO 00/69604** (13) A1  
 (21) PCT/AU00/00476  
 (22) **12 May/mai 2000 (12.05.2000)**  
 (25) en (26) en  
 (30) PQ 0371 **14 May/mai 1999** AU  
 (14.05.1999)  
 (30) PQ 5087 **14 Jan/jan 2000** AU  
 (14.01.2000)  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **SCISSORS**  
 • **CISEAUX**  
 (71, 72) **GRAINGER, Garry** [AU/AU]; 34 Dor-  
 set Street, Busselton, Western Australia 6280  
 (AU).  
 (74) **WRAY & ASSOCIATES**; 6th floor, 239  
 Adelaide Terrace, Perth, W.A. 6000 (AU).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR  
 BY 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 NO NZ PL PT RO RU SD SE SG SI  
 SK SL TJ TM TR TT TZ UA UG US UZ  
 VN YU ZA ZW; AP (GH GM KE LS MW  
 SD SL SZ TZ UG ZW); EA (AM AZ BY  
 KG KZ MD RU TJ TM); EP (AT BE CH  
 CY DE DK ES FI FR GB GR IE IT LU  
 MC NL PT SE); OA (BF BJ CF CG CI CM  
 GA GN GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **B26D 1/04, B41J 11/70**  
 (11) **WO 00/69605** (13) A1  
 (21) PCT/JP00/03108  
 (22) **15 May/mai 2000 (15.05.2000)**  
 (25) ja (26) ja  
 (30) 11/133353 **13 May/mai 1999** JP  
 (13.05.1999)  
 (30) 11/171616 **17 Jun/juin 1999** JP  
 (17.06.1999)  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **RECORDING MATERIAL CUTTING**  
**DEVICE**  
 • **DISPOSITIF DE COUPE POUR**  
**SUPPORT D'ENREGISTREMENT**  
 (71) **COPYER CO., LTD.** [JP/JP]; 3-3, Shimo-  
 renjaku 6-chome, Mitaka-shi, Tokyo  
 181-8520 (JP).  
*(for all designated States except / pour tous*  
*les États désignés sauf US)*  
 (72, 75) **KIYOHARA, Naoki** [JP/JP]; Copyer  
 Co., Ltd., 3-3, Shimorenjaku 6-chome, Mi-  
 taka-shi, Tokyo 181-8520 (JP). **TATSUMI,**  
**Yousuke** [JP/JP]; Copyer Co., Ltd., 3-3,  
 Shimorenjaku 6-chome, Mitaka-shi, Tokyo  
 181-8520 (JP). **MIYAMOTO, Kazutaka**  
 [JP/JP]; Copyer Co., Ltd., 3-3, Shimoren-  
 jaku 6-chome, Mitaka-shi, Tokyo 181-8520  
 (JP).  
 (74) **HANDA, Masao**; Sanei Building 4F,  
 3-8, Wada 2-chome, Suginami-ku, Tokyo  
 166-0012 (JP).  
 (81) CN US; EP (AT BE CH CY DE DK ES FI  
 FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B27M 3/02**  
 (11) **WO 00/69606** (13) A1  
 (21) PCT/SE00/00976  
 (22) **17 May/mai 2000 (17.05.2000)**  
 (25) sv (26) en  
 (30) 9901796-4 **17 May/mai 1999** SE  
 (17.05.1999)  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **METHOD AND DEVICE FOR COM-**  
**PRESSING WOOD**  
 • **PROCEDE ET DISPOSITIF POUR**  
**COMPRIMER LE BOIS**  
 (71) **PRIMWOOD AB** [SE/SE];  
 Mosstorpsvägen 40, S-183 30 Täby (SE).  
*(for all designated States except / pour tous*  
*les États désignés sauf US)*  
 (72, 75) **WIKLUND, Martin** [SE/SE];  
 Mosstorpsvägen 40, S-183 30 Täby (SE).  
**KIFETEW, Girma** [SE/SE]; Gamla vägen  
 9 5 tr, S-170 74 Solna (SE).  
 (74) **FORSSELL, G.** et al. / etc.; Albihs  
 Patentbyrå Stockholm AB, P.O. Box 5581,  
 S-114 85 Stockholm (SE).
- 
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
 BY 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 NO NZ PL PT RO RU SD SE SG SI  
 SK SL TJ TM TR TT TZ UA UG US UZ  
 VN YU ZA ZW; AP (GH GM KE LS MW  
 SD SL SZ TZ UG ZW); EA (AM AZ BY  
 KG KZ MD RU TJ TM); EP (AT BE CH  
 CY DE DK ES FI FR GB GR IE IT LU MC  
 NL PT SE); OA (BF BJ CF CG CI CM GA  
 GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B27N 3/04**  
 (11) **WO 00/69607** (13) A1  
 (21) PCT/CA00/00574  
 (22) **18 May/mai 2000 (18.05.2000)**  
 (25) en (26) en  
 (30) 2,272,196 **18 May/mai 1999** CA  
 (18.05.1999)  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **HEMP HURD COMPOSITE PANELS**  
 • **PANNEAUX COMPOSITES D'ETOUPE**  
**DE CHANVRE**  
 (71) **ALBERTA RESEARCH COUNCIL INC.**  
 [CA/CA]; 250 Karl Clark Road, Edmonton,  
 Alberta T6N 1E4 (CA).  
*(for all designated States except / pour tous*  
*les États désignés sauf US)*  
 (72, 75) **WASYLCIW, Wayne** [CA/CA]; 250  
 Karl Clark Road, Edmonton, Alberta T6N  
 1E4 (CA).  
 (74) **BENNETT JONES**; 1000 ATCO Centre,  
 10035 - 105 Street, Edmonton, Alberta T5J  
 3T2 (CA).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR  
 BY 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 NO NZ PL PT RO RU SD SE SG SI  
 SK SL TJ TM TR TT TZ UA UG US UZ  
 VN YU ZA ZW; AP (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  
 CH CY DE DK ES FI FR GB GR IE IT LU  
 MC NL PT SE); OA (BF BJ CF CG CI CM  
 GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B28D**  
 (11) **WO 00/69608** (13) A2  
 (21) PCT/IT00/00186  
 (22) **12 May/mai 2000 (12.05.2000)**  
 (25) it (26) en  
 (30) MI99A001050 **13 May/mai 1999** IT  
 (13.05.1999)  
 (30) MI99A001736 **3 Aug/août 1999** IT  
 (03.08.1999)  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **METHOD FOR OBTAINING REINFOR-**  
**CED SLABS OF STONE MATERIALS**

- AND SLABS OBTAINED BY SAID METHOD
- PROCEDE POUR OBTENIR DES DALLES RENFORCEES A PARTIR DE MATERIAUX EN PIERRE, ET DALLES OBTENUES SELON CE PROCEDE
- (71) **CALVASINA S.P.A.** [IT/IT]; Viale Promessi Sposi, 10, I-23868 Valmadrera (IT).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **POZZI, Alessandro** [IT/IT]; Via XXIV Maggio, 25, I-22066 MAriano Comense (IT). **BRUSADELLI, Emilio** [IT/IT]; Viale Promessi Sposi, 10, I-23868 Valmadrera (IT).
- (74) **LONG, Giorgio** et al. / etc.; Jacobacci & Perani S.p.A., Via Senato, 8, I-20121 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B29B 17/00, B32B 27/40, 27/12, 27/00, 5/22, 5/24, 5/28, 5/30**
- (11) **WO 00/69609** (13) A1
- (21) PCT/EP00/03226
- (22) **11 Apr/avr 2000 (11.04.2000)**
- (25) de (26) de
- (30) 199 21 989.3 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR PRODUCING A PLATE AND A PLATE PRODUCED ACCORDING TO SAID METHOD
- PROCEDE DE REALISATION D'UNE PLAQUE ET PLAQUE FABRIQUEE SELON CE PROCEDE
- (71) **SCHMID BAUKUNSTSTOFFE GMBH** [DE/DE]; Brunnenstrasse 75-77, D-73333 Gingen a.d.Fils (DE).
- (72) **SCHMID, Oliver**; Brunnenstrasse 75-77, D-73333 Gingen/Fils (DE).
- (74) **KONLE, Tilmar**; Benderstrasse 23a, D-81247 München (DE).
- (81) CZ PL; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B29B 17/02**
- (11) **WO 00/69610** (13) A1
- (21) PCT/UA99/00027
- (22) **9 Dec/déc 1999 (09.12.1999)**
- (25) ru (26) ru
- (30) 99052686 **14 May/mai 1999 UA (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • FLOW LINE FOR THE COMPLEX RECYCLING OF TYRES, HYDRAULIC-JET TYRE PROCESSING DEVICE AND DEVICE FOR THE ELECTROTHERMAL SEPARATION OF THE METALLIC CORD FOR SAID LINE
- CHAINE DE RECYCLAGE COMPLEXE DE PNEUMATIQUES, DISPOSITIFS DE TRAITEMENTS DES PNEUMATIQUES PAR JET HYDRAULIQUE ET DISPOSITIF DE SEPARATION ELECTRO-THERMIQUE DU CABLE METALLIQUE POUR CETTE CHAINE
- (71, 72) **PUKHLOV, Rostislav Nikolaevich** [UA/UA]; pr. Svobody, 28-31, Kiev, 02215 (UA).
- (74) **KUTSEVICH, Valery Ljudvikovich**; ul. Polyarnaya, 13-81, Kiev, 04201 (UA).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B29C 31/00**
- (11) **WO 00/69611** (13) A2
- (21) PCT/EP00/04157
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) de (26) de
- (30) 199 22 164.2 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR PRODUCING MOULDED PARTS CONSISTING OF SYNTHETIC MATERIAL
- DISPOSITIF PERMETTANT DE FABRIQUER DES PIECES MOULEES EN PLASTIQUE
- (71) **KRAUSS-MAFFEI KUNSTSTOFF-TECHNIK GMBH** [DE/DE]; Krauss-Maffei-Strasse 2, D-80997 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BAUER, Adolf** [DE/DE]; Heideweg 24b, D-82140 Olching (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B29C 43/02, 43/18, 45/14, 45/26**
- (11) **WO 00/69612** (13) A1
- (21) PCT/US00/12248
- (22) **3 May/mai 2000 (03.05.2000)**
- (25) en (26) en
- (30) 09/310,785 **12 May/mai 1999 US (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • REPLACEABLE MOLD CAVITIES AND MOLD CAVITY INSERTS
- CAVITES DE MOULE ET INSERTS REMPLAÇABLES
- (71) **CALLAWAY GOLF COMPANY** [US/US]; 2285 Rutherford Road, Carlsbad, CA 92008-8815 (US).
- (72) **BETTENCOURT, Alan, C.**; 1310 Santa Luisa Drive, Solana Beach, CA 92075 (US).
- (74) **CATANIA, Michael, A.**; 2285 Rutherford Road, Carlsbad, CA 92008-8815 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B29C 45/73, 33/08**
- (11) **WO 00/69613** (13) A1
- (21) PCT/JP00/02964
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) ja (26) ja
- (30) 11/131953 **12 May/mai 1999 JP (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • INDUCTION HEATING METHOD FOR MANIFOLD OF HOT RUNNER METAL MOLD AND COIL DEVICE FOR INDUCTION HEATING
- PROCEDE DE CHAUFFAGE PAR INDUCTION DE RAMPES DE MOULES A METAL A CAROTTES CHAUFFANTES ET DISPOSITIF DE BOBINES A CET EFFET
- (71) **JU-OH INC.** [JP/JP]; 6-14, Matsukaze-cho, Hiratsuka-shi, Kanagawa 254-0812 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHIBATA, Itsuo** [JP/JP]; Big-Van-Hiratsuka-Yaesakicho 103, 19-9, Yaesakicho, Hiratsuka-shi, Kanagawa 254-0811 (JP). **EDAGAWA, Shinichi** [JP/JP]; 329-14, Hirokawa, Hiratsuka-shi, Kanagawa 259-1219 (JP). **SEKIGUCHI, Ryoichi** [JP/JP]; Sunny-well A-202, 1931-5, Ninomiya, Ninomiya-cho, Naka-gun, Kanagawa 259-0123 (JP). **TOKI, Hitoshi** [JP/JP]; 947-10, Itado, Isehara-shi, Kanagawa 259-1145 (JP). **MU-NAKATA, Tamotsu** [JP/JP]; 1853-37, Kameino, Fujisawa-shi, Kanagawa 252-0813 (JP).

- (74) **WATANABE, Kihei** et al. / etc.; Daiichi NS Bldg., 5th Floor, 32, Kanda Suda-cho 1-chome, Chiyoda-ku, Tokyo 101-0041 (JP).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B29C 49/56, 33/26**
- (11) **WO 00/69614** (13) A1
- (21) PCT/FR00/01304
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) fr (26) fr
- (30) 99/06316 **17 May/mai 1999 FR (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • BLOW-MOLDING MACHINE COMPRISING A CLOSING AND LOCKING MECHANISM
- MACHINE DE SOUFFLAGE COMPORTANT UN MECANISME DE FERMETURE ET DE VERROUILLAGE
- (71) **SIDEL** [FR/FR]; Avenue de la Patrouille de France, Octeville-sur-Mer, B.P. 204, F-76053 Le Havre Cedex (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EVARD, Alain** [FR/FR]; Sidel, B.P. 204, F-76053 Le Havre Cedex (FR).
- (74) **PUTET, Gilles** et al. / etc.; Sidel, See Propriété Industrielle, B.P. 204, F-76053 Le Havre Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B29C 55/18, 55/08**
- (11) **WO 00/69615** (13) A2
- (21) PCT/US00/13287
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/312,103 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PROCESS FOR ADJUSTING WVTR AND OTHER PROPERTIES OF A POLYOLEFIN FILM
- PROCEDE D'AJUSTEMENT DE LA TRANSMISSION DE LA VAPEUR D'EAU ET D'AUTRES PROPRIETES DANS UN FILM A BASE DE POLYOLEFINE
- (71) **EXXON CHEMICAL PATENTS, INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520 (US).
- (72) **BRADY, Kevin, A.**; 317 Claire Lane, Cary, IL 60013 (US). **MACKAY, John, H.**; 910 Bristol Trail Road, Lake Zurich, IL 60047 (US).
- (74) **ELLIOT, Douglas, H.**; Suite 1500, 3040 Post Oak Boulevard, Houston, TX 77056 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B29C 63/34, 61/02**
- (11) **WO 00/69616** (13) A1
- (21) PCT/GB00/01154
- (22) **28 Mar/mar 2000 (28.03.2000)**
- (25) en (26) en
- (30) 9911477.9 **18 May/mai 1999 GB (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LINING A PIPE
- REVETEMENT DE L'INTERIEUR D'UN TUYAU
- (71) **UPONOR LIMITED** [GB/GB]; Hilcote Plant, P.O. Box 1, Blackwell, Nr. Alfreton, Derbyshire DE55 5JD (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOWMAN, Jeremy, Archibald** [GB/GB]; 171 Somersall Lane, Chesterfield, Derbyshire S40 3NA (GB).
- (74) **POTTER, Vanessa, Juliet**; Dibb Lupton Alsop, Fountain Precinct, Balm Green, Sheffield, South Yorkshire S1 1RZ (GB) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B29C 65/00**
- (11) **WO 00/69617** (13) A2
- (21) PCT/US00/13306
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/312,513 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR MANUFACTURE OF A PLASTIC BAG WITH STANDUP BOTTOM WALL
- PROCEDE ET APPAREIL POUR LA FABRICATION D'UN SACHET EN PLASTIQUE A FOND PLAT
- (71) **AMPLAS, INC.** [US/US]; 200 Packerland Drive, Green Bay, WI 54303-3397 (US).
- (72) **PANSIER, Donald, J.**; 3015 Apollo Avenue, Green Bay, WI 54313 (US). **KONITZER, Troy, D.**; 6650 Pioneer Drive, Abrams, WI 54101 (US). **CLAYBAKER, Peter, J.**; 319 North Oneida Street, Green Bay, WI 54303 (US). **IRETON, Michael, P.**; 1145 Roland Lane, #3, Green Bay, WI 54303 (US). **DEMATTEIS, Robert**; 15850 McCourtney Road, Grass Valley, CA 91709 (US). **BLASER, Giles, R.**; 2730 South Memorial Drive, Green Bay, WI 54313 (US).
- (74) **SAWALL, Eugene, R.** et al. / etc.; Andrus, Sceales, Starke & Sawall, LLP, 100 East Wisconsin Avenue, Suite 1100, Milwaukee, WI 53202 (US).
- (81) AU CA MX NZ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B29C 65/04, 65/06, 65/18**
- (11) **WO 00/69618** (13) A1
- (21) PCT/US00/13044
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 09/312,130 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD OF ASSEMBLY OF CARDIOTOMY FILTER
- PROCEDE D'ASSEMBLAGE DE FILTRE DE CARDIOTOMIE
- (71) **COBE CARDIOVASCULAR, INC.** [US/US]; 14401 West 65th Way, Arvada, CO 80004-3599 (US).
- (72) **WARD, Jim**; 10137 W. Fremont Place, Littleton, CO 80127 (US). **COVINGTON, Rhett**; 9424 W. 99th Place, Westminster, CO 80021 (US).
- (74) **WILES, Terry** et al. / etc.; Popovich & Wiles, P.A., 1902 IDS Center, 80 South 8th Street, Minneapolis, MN 55402 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B29C 65/00**
- (11) **WO 00/69617** (13) A2
- (21) PCT/US00/13306

- (51)<sup>7</sup> **B29C 70/50, 70/46, 70/30**  
 (11) **WO 00/69619** (13) A1  
 (21) PCT/NL00/00335  
 (22) **17 May/mai 2000 (17.05.2000)**  
 (25) en (26) en  
 (30) 1012103 **19 May/mai 1999 NL (19.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● SHEET-SHAPED PRODUCT CONSISTING OF A THERMOSETTING RESIN MIXTURE AND CARBON FIBRES  
 ● PRODUIT EN FORME DE FEUILLE COMPOSE D'UN MELANGE DE RESINE THERMODURCISSABLE ET DE FIBRES DE CARBONE  
 (71) **DSM N.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) **VAN DIJK, Hans, Klaas** [NL/NL]; Komeetlaan 46, NL-6133 VA Sittard (NL). **HORNMAN, Hans, Hubertus, Henricus** [NL/NL]; Bruinkoolstraat 2, NL-6163 MB Geleen (NL). **VAN VOORST, Bastiaan** [NL/NL]; Zeeweg 10, NL-8071 HK Nunspeet (NL). **DIJKINK, Peter** [NL/NL]; Westerhuizenweg 61, NL-7707 RG Balkbrug (NL).  
 (74) **DAUTZENBERG, Jozef, Marie, Andreas;** DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B29D 11/00**  
 (11) **WO 00/69620** (13) A1  
 (21) PCT/US00/11896  
 (22) **2 May/mai 2000 (02.05.2000)**  
 (25) en (26) en  
 (30) 09/311,053 **13 May/mai 1999 US (13.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● METHOD FOR MANUFACTURING OPHTHALMIC LENSES  
 ● PROCEDE DE FABRICATION DE LENTILLES OPHTALMIQUES  
 (71) **JOHNSON & JOHNSON VISION CARE, INC.** [US/US]; 7500 Centurion Parkway, Suite 100, Jacksonville, FL 32256 (US).  
 (72) **BISHOP, Joseph, Andrew;** 609 Central Avenue, Salem, VA 24153 (US). **FOSTER, Charles;** 5871 Quarterwood Road, Thaxton, VA 24174 (US).
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- (74) **GIANNESCHI, Lois, A.;** Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).  
 (81) AU BR CA CN DE IL IN JP KR MX RU SG; EP (BE ES FR GB IE IT NL).
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- (51)<sup>7</sup> **B31B 23/14, 1/22, B65D 33/00, B26D 1/08**  
 (11) **WO 00/69621** (13) A1  
 (21) PCT/JP00/03175  
 (22) **18 May/mai 2000 (18.05.2000)**  
 (25) ja (26) ja  
 (30) 11/137445 **18 May/mai 1999 JP (18.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● CUTTING BLADE FOR BAG-MAKING DEVICE, BAG-MAKING DEVICE, METHOD OF MANUFACTURING PACKAGING BAG, AND PACKAGING BAG MANUFACTURED USING THE BAG-MAKING METHOD  
 ● LAME DE COUPE POUR DISPOSITIF DE FABRICATION DE SAC, DISPOSITIF DE FABRICATION DE SAC, PROCEDE DE FABRICATION DE SAC ET SAC D'EMBALLAGE FABRIQUE AU MOYEN D'UN PROCEDE DE FABRICATION DE SAC  
 (71) **IDEMITSU PETROCHEMICAL CO., LTD.** [JP/JP]; 6-1, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP). **OGURA KOGYO CO., LTD.** [JP/JP]; 452, Marushinmachi, Kita-ku, Nagoya-shi, Aichi-ken 462-0063 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **GOTO, Shuichi** [JP/JP]; 2-1, Koishikawa 1-chome, Bunkyo-ku, Tokyo 112-0002 (JP). **OGURA, Shoji** [JP/JP]; 211-4, Marushinmachi, Kita-ku, Nagoya-shi, Aichi-ken 462-0063 (JP).  
 (74) **KINOSHITA, Jitsuzo** et al. / etc.; 3rd floor, Ogikubo TM Building, 26-13 Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (JP).  
 (81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B31F 1/07**  
 (11) **WO 00/69622** (13) A1  
 (21) PCT/EP00/02399  
 (22) **17 Mar/mar 2000 (17.03.2000)**  
 (25) de (26) de  
 (30) 929/99 **17 May/mai 1999 CH (17.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● METHOD FOR EMBOSSING OR GLAZING FLAT MATERIAL  
 ● DISPOSITIF POUR GAUFREUR OU GLACER DES MATERIAUX PLATS  
 (71) **BOEGLI-GRAVURES S.A.** [CH/CH]; 24-26, rue de la Gare, CH-2074 Marin (CH).  
 (72) **BOEGLI, Charles;** 24, rue de la Gare, CH-2074 Marin (CH). **WIST, Bernard;** Bodenacher 8, CH-2564 Bellmund (CH).  
 (74) **AMMANN PATENTANWÄLTE AG BERN;** Schwarztorstrasse 31, CH-3001 Bern (CH).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B32B 1/08, B29D 29/00**  
 (11) **WO 00/69623** (13) A1  
 (21) PCT/JP00/03085  
 (22) **12 May/mai 2000 (12.05.2000)**  
 (25) ja (26) ja  
 (30) 11/131707 **12 May/mai 1999 JP (12.05.1999)**  
 (30) 11/131410 **12 May/mai 1999 JP (12.05.1999)**  
 (30) 11/271821 **27 Sep/sep 1999 JP (27.09.1999)**  
 (30) 11/315870 **5 Nov/nov 1999 JP (05.11.1999)**  
 (30) 11/322786 **12 Nov/nov 1999 JP (12.11.1999)**  
 (30) 2000/7787 **17 Jan/jan 2000 JP (17.01.2000)**  
 (30) 2000/38780 **16 Feb/fév 2000 JP (16.02.2000)**  
 (30) 2000/38779 **16 Feb/fév 2000 JP (16.02.2000)**  
 (30) 2000/38778 **16 Feb/fév 2000 JP (16.02.2000)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● MULTI-LAYER ENDLESS BELT, MEDIUM CONVEYING BELT CONSISTING OF IT, AND PRODUCTION METHODS AND FORMING DEVICES THEREFOR  
 ● COURROIE SANS FIN MULTICOUCHE, COURROIE TRANSPORTEUSE CONSTITUEE DE CETTE DERNIERE, ET PROCEDES DE PRODUCTION ET DISPOSITIFS DE FORMAGE CORRESPONDANTS  
 (71) **KANEKA CORPORATION** [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **OHZURU, Tomohiro** [JP/JP]; 1-25-1, Hieitsuji, Otsu-shi, Shiga 520-0104 (JP). **NOJIRI, Hitoshi** [JP/JP]; 2-1-2-135, Hieitsuji, Otsu-shi, Shiga 520-0104 (JP). **SAKATA, Yoshio** [JP/JP]; 8-27-22, Fukuda, Yamato-shi, Kanagawa 242-0024 (JP). **SEZAKI, Koji** [JP/JP]; 3-14-40-408, Banba, Otsu-shi, Shiga 520-0802 (JP).
- (74) **KUSUMOTO, Takayoshi**; Kusumoto Patent Office, Omi-Tetsudo Building, 5F, 4-7, Awazu-cho, Otsu-shi, Shiga 520-0832 (JP).
- (81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B32B 5/00, 27/00, E04B 1/00**  
(11) **WO 00/69624** (13) A1  
(21) PCT/US00/11461  
(22) **28 Apr/avr 2000 (28.04.2000)**  
(25) en (26) en  
(30) 60/134,902 **19 May/mai 1999** US (19.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **EXTRUDED POLYSTYRENE FOAM INSULATION WITH HIGH THERMAL RESISTANCE**  
● **ISOLANT EN MOUSSE DE POLYSTYRENE EXTRUDEE A RESISTANCE THERMIQUE ELEVEE**  
(63) US 60/134,902 (CON) 19 May/mai 1999 (19.05.1999)
- (71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DEIBEL, Ronald, D.** [US/US]; 5008 Natalie Court, Midland, MI 48640 (US). **SMITH, Roy, E.** [US/US]; 2786 North Waskevich Land, Midland, MI 48640 (US). **BONEKAMP, Jeffrey, E.** [US/US]; 2901 Braley Court, Midland, MI 48640 (US).
- (74) **HOWARD, Dan, R.**; Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).
- (81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B32B 19/00, H01J 1/62**  
(11) **WO 00/69625** (13) A1  
(21) PCT/US00/12737  
(22) **10 May/mai 2000 (10.05.2000)**  
(25) en (26) en  
(30) 60/134,242 **13 May/mai 1999** US (13.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **TITANIUM NITRIDE ANODE FOR USE IN ORGANIC LIGHT EMITTING DEVICES**  
● **ANODE AU NITRURE DE TITANE UTILISEE DANS DES APPAREILS LUMINESCENTS ORGANIQUES**
- (71) **THE UNIVERSITY OF SOUTHERN CALIFORNIA** [US/US]; Suite 313, 3716 South Hope Street, Los Angeles, CA 90007-4344 (US).
- (72) **THOMPSON, Mark, E.**; 4447 Pepper Creek Way, Anaheim, CA 92807 (US). **ADAMOVICH, Vadim**; Apartment 6, 1103 W. 30th Street, Los Angeles, CA 90007 (US). **SHOUSTIKOV, Andrei**; Apartment 29, 372 Monterey Road, South Pasadena, CA 91030 (US).
- (74) **MEAGHER, Thomas, F.** et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B32B 27/00, E04B 1/94, C09K 21/02**  
(11) **WO 00/69626** (13) A1  
(21) PCT/EP00/04240  
(22) **10 May/mai 2000 (10.05.2000)**  
(25) en (26) en  
(30) TV99A000055 **12 May/mai 1999** IT (12.05.1999)  
(30) TV99A000090 **2 Aug/août 1999** IT (02.08.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **COMPOSITE PANEL AND METHOD FOR ITS FORMATION**  
● **PANNEAU COMPOSITE ET SON PROCEDE DE FABRICATION**
- (71) **FREZZA S.R.L.** [IT/IT]; Via Ferret, 11/9, I-31020 Vidor (IT).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DOIMO, Eros** [IT/IT]; Via Ferret, 11/9, I-31020 Vidor (IT).
- (74) **PIOVESANA, Paolo**; Corso del Popolo, 70, I-30172 Venezia Mestre (IT).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B32B 27/00, 27/36**  
(11) **WO 00/69627** (13) A1  
(21) PCT/JP00/03059  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) ja (26) ja  
(30) 11/131123 **12 May/mai 1999** JP (12.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **LAYERED PLASTIC MOLDING**  
● **MOULAGE PLASTIQUE EN COUCHES**
- (71) **YOSHINO KOGYOSHO CO., LTD.** [JP/JP]; 2-6, Ojima 3-chome, Koto-ku, Tokyo 136-8531 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **OTA, Akiho** [JP/JP]; Yoshino Kogyosho Co., Ltd. Fundamental Technology & Research Center, 380 Sannomiya, Isehara-shi, Kanagawa 259-1103 (JP). **SUZUKI, Masato** [JP/JP]; Yoshino Kogyosho Co., Ltd. Fundamental Technology & Research Center, 380 Sannomiya, Isehara-shi, Kanagawa 259-1103 (JP). **ABE, Minoru** [JP/JP]; Yoshino Kogyosho Co., Ltd. Fundamental Technology & Research Center, 380 Sannomiya, Isehara-shi, Kanagawa 259-1103 (JP).
- (74) **SUGIMURA, Akihide** et al. / etc.; Kazan Building, 2-4, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B32B 27/32, B65B 9/20**  
(11) **WO 00/69628** (13) A1  
(21) PCT/CA00/00560  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) en (26) en  
(30) 2,271,973 **14 May/mai 1999** CA (14.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **USE OF A MULTILAYER FILM IN A HIGH-SPEED POUCH FORMING, SEALING AND FILLING MACHINE, AND METHOD OF OPERATION**  
● **UTILISATION D'UN FILM MULTICOUCHE DANS UNE MACHINE SERVANT A FORMER, SCELLER ET REMPLIR DES SACHETS, DE MANIERE ULTRA-RAPIDE, ET PROCEDE POUR FAIRE FONCTIONNER LADITE MACHINE**

- (71) **GLOPAK INC.** [CA/CA]; 4755, boul. des Grandes Prairies, St-Léonard, Québec H1R 1A6 (CA).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **QUINTIN, Yves** [CA/CA]; 1770 du Bocage, Saint-Bruno, Québec J3V 4M6 (CA). **BASQUE, Roland** [CA/CA]; 4180, Maupassant, Brossard, Québec J4Y 1K5 (CA). **PITRE, André** [CA/CA]; 288 des Semailles, Varennes, Québec J3X 1X5 (CA).
- (74) **SWABEY OGILVY RENAULT** et al. / etc.; Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B32B 27/32, C08J 5/18**
- (11) **WO 00/69629** (13) A1
- (21) PCT/US00/13491
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 60/134,717 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● RADIO FREQUENCY (RF) WELDABLE ADHESIVE FILMS  
● FILMS ADHESIFS SOUDABLES A RADIODIFFUSION (RF)
- (63) US 60/134,717 (CON)  
18 May/mai 1999 (18.05.1999)
- (71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KELCH, Robert, H.** [US/US]; 2006 Sylvan Lane, Midland, MI 48640 (US). **PETTERSSON, Ing-Mari, Gunnel** [SE/DE]; Holzmattweg 9, Buhlertal 77830 (DE).
- (74) **HOWARD, Dan, R.**; Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).
- (81) AU BR CA CN CZ JP KR RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B32B 29/00, B44C 5/04, D21H 27/28**
- (11) **WO 00/69630** (13) A1
- (21) PCT/SE00/00969
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 99850087.0 **19 May/mai 1999 EP (19.05.1999)**
- (30) 60/134,845 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ABRASION-RESISTANT DECOR SHEET  
● FEUILLE DECOR RESISTANTE A L'ABRASION
- (71) **AKZO NOBEL N.V.** [NL/NL]; P.O. Box 9300, NL-6800 SB Arnhem (NL).  
(for all designated States except / pour tous les États désignés sauf US)
- (71) **CASCO PRODUCTS AB** [SE/SE]; P.O. Box 11538, S-100 61 Stockholm (SE).  
(only for / seulement pour SE)
- (72, 75) **HILBERT, Thomas** [DE/DE]; Paul Francke Strasse 9, D-38302 Wolfenbüttel (DE). **STAUDT, Jochen, Georg** [DE/DE]; Nussbergstrasse 31, D-38104 Braunschweig (DE).
- (74) **JÖNSSON, Christer**; Eka Chemicals AB, Patent Department, Box 11556, S-100 61 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B41B 15/00, B41J 15/00, 2/385, 2/435, G06F 15/00, H04N 9/802, G03G 15/01, 15/06, G01D 15/06, 15/14, G02F 1/13, 1/335**
- (11) **WO 00/69631** (13) A1
- (21) PCT/US00/11596
- (22) **1 May/mai 2000 (01.05.2000)**
- (25) en (26) en
- (30) 09/312,763 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● DIGITAL IMAGE-SETTER UTILIZING HIGH-RESOLUTION MICRO-DISPLAY  
● PHOTOCOMPOSEUSE PLEINE PAGE NUMERIQUE DOTÉE D'UN MICRO-ÉCRAN HAUTE RESOLUTION
- (71) **SCITEX CORPORATION LTD.** [IL/IL]; P.O. Box 330, 46103 Herzliya (IL).  
(for all designated States except / pour tous les États désignés sauf US)
- (71) **FRIEDMAN, Mark, M.** [US/IL]; 1 Alharizi, 43406 Raanana (IL).  
(only for / seulement pour TJ)
- (72, 75) **PILOSSOF, Nissim** [IL/IL]; 24/4 Beni Moshe Street, 76485 Rehovot (IL). **RONEN, Yossi** [IL/IL]; 20 Hanna Senesh Street, 46446 Herzliya (IL).
- (74) **FRIEDMAN, Mark, M.**; c/o Castorina, Anthony, Suite 207, 2001 Jefferson Davis Highway, Arlington, VA 22202 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B41C 1/14**
- (11) **WO 00/69632** (13) A1
- (21) PCT/NL00/00340
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 1012098 **19 May/mai 1999 NL (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD FOR PRODUCING A PRINTING FORME, AND LASER DEVICE WHICH CAN BE USED IN THIS METHOD  
● PROCÉDE POUR PRODUIRE UNE FORME D'IMPRESSION ET DISPOSITIF LASER POUVANT ÊTRE UTILISÉ DANS CE PROCÉDE
- (71) **STORK SCREENS B.V.** [NL/NL]; Raamstraat 3, NL-5831 AT Boxmeer (NL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GERRITSEN, Jan, Willem** [NL/NL]; Everardusplein 6, NL-6602 EP Wijchen (NL). **VAN WEPEREN, Karst, Jan** [NL/NL]; Stadrijck 210, NL-5403 NK Uden (NL).
- (74) **VOLMER, J., C.**; Exter Polak & Charlouis B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B41C 1/14**
- (11) **WO 00/69633** (13) A1
- (21) PCT/NL00/00341

- (22) **19 May/mai 2000 (19.05.2000)**
- (25) nl (26) en
- (30) 1012099 **19 May/mai 1999 NL (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR MANUFACTURING A PRINTING FORME, AS WELL AS PRINTING METHOD USING A PRINTING FORME THUS MANUFACTURED  
• PROCEDE DE FABRICATION D'UNE FORME D'IMPRESSION ET PROCEDE D'UTILISATION DE LA FORME D'IMPRESSION AINSI OBTENUE
- (71) **STORK SCREENS B.V.** [NL/NL]; Raamstraat 3, NL-5831 AT Boxmeer (NL). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ELEMANS, Norbertus, Franciscus, Jacobus** [NL/NL]; Kerkstraat 32, NL-5843 AP Westerbeek (NL). **JONKERS, Thomas, Maria** [NL/NL]; Elderom 313-06, NL-5831 TS Boxmeer (NL). **VAN WEPE-REN, Karst, Jan** [NL/NL]; Stadrijck 210, NL-5403 NK Uden (NL).
- (74) **VOLMER, J., C.**; Exter Polak & Charlouis B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B41F 35/00 // 35/06**
- (11) **WO 00/69634** (13) A1
- (21) PCT/SE00/00843
- (22) **3 May/mai 2000 (03.05.2000)**
- (25) en (26) en
- (30) 9901729-5 **12 May/mai 1999 SE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A BLANKET WASHER  
• LAVEUSE DE BLANCHET
- (71) **BALDWIN JIMEK AB** [SE/SE]; Box 14, S-232 01 Arlöv (SE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HANSSON, Birger** [SE/SE]; Nils Pers Väg 5, S-232 51 Åkarp (SE).
- (74) **STRÖM & GULLIKSSON AB**; P.O. Box 4188, S-203 13 Malmö (SE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B41J 2/14, 2/16**
- (11) **WO 00/69635** (13) A1
- (21) PCT/JP00/02950
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 11/133306 **13 May/mai 1999 JP (13.05.1999)**
- (30) 2000/67612 **10 Mar/mar 2000 JP (10.03.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HEATING RESISTOR AND MANUFACTURING METHOD THEREOF  
• RESISTANCE CHAUFFANTE ET SON PROCEDE DE FABRICATION
- (71) **CASIO COMPUTER CO., LTD.** [JP/JP]; 6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo 151-8543 (JP).
- (72) **NAKAMURA, Osamu**; 29-5-304, Sakaecho 2-chome, Kodaira-shi, Tokyo 187-0034 (JP). **TANAKA, Yukikazu**; 15-4-502, Kitadonen 2-chome, Fussa-shi, Tokyo 197-0005 (JP). **YAMAGUCHI, Tomoharu**; 3-13, Umezono 3-chome, Kiyose-shi, Tokyo 204-0024 (JP).
- (74) **KOMIZO, Satoshi**; 7th Floor Kyohan Building, 7, Kandanshiki-cho 2-chome, Chiyoda-ku, Tokyo 101-0054 (JP).
- (81) CN MX SG; EP (DE GB IE IT).
- Published / Publiée : (a)
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- (51)<sup>7</sup> **B41J 2/385**
- (11) **WO 00/69636** (13) A1
- (21) PCT/JP00/03253
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) ja (26) ja
- (30) 11/138227 **19 May/mai 1999 JP (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR IMAGE FORMATION  
• TECHNIQUE DE FORMATION D'IMAGES ET DISPOSITIF CORRESPONDANT
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **ARRAY PRINTERS AB** [SE/SE]; Onnereds Brygga 13, S-421 57 Vastra Frolunda (SE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KITAOKA, Yoshitaka** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **TSUJIMOTO, Takahiro** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **MIURA, Masayoshi** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **OGAWA, Katsutoshi** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **ITO, Taichi** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (74) **ISHIHARA, Masaru**; Tatsuno Nishi-tenma Building, 5th floor, 1-6, Nishi-tenma 3-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B41J 2/385**
- (11) **WO 00/69637** (13) A1
- (21) PCT/JP00/03254
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) ja (26) ja
- (30) 11/138226 **19 May/mai 1999 JP (19.05.1999)**
- (30) 11/167710 **15 Jun/juin 1999 JP (15.06.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • IMAGE-FORMING DEVICE  
• DISPOSITIF DE FORMATION D'IMAGES
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **ARRAY PRINTERS AB** [SE/SE]; Onnereds Brygga 13, S-421 57 Vastra Frolunda (SE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **OGAWA, Katsutoshi** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **AIZAWA, Masahiro** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **KUMON, Akira** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). **FUKANO, Akira** [JP/JP]; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (74) **ISHIHARA, Masaru**; Tatsuno Nishi-tenma Building, 5th floor, 1-6, Nishi-tenma 3-chome, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).



(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B41J 2/415**

(11) **WO 00/69638** (13) A1

(21) PCT/SE99/00818

(22) **12 May/mai 1999 (12.05.1999)**

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DIRECT PRINTING DEVICE WITH CLEANING UNIT  
• DISPOSITIF D'IMPRESSION DIRECTE DOTE D'UNE UNITE DE NETTOYAGE

(71) **ARRAY AB** [SE/SE]; Önnereads Brygga 13, S-421 57 Västra Frölunda (SE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALBINSSON, Urban** [SE/SE]; Fredsgatan 3, S-431 67 Mölndal (SE). **RYDSTRÖM, Bo** [SE/SE]; Rådavägen 19, S-431 36 Mölndal (SE).

(74) **GRAUDUMS, Valdis** et al. / etc.; Albihtns Patentbyrå Göteborg AB, P.O. Box 142, S-401 22 Göteborg (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B41J 2/415**

(11) **WO 00/69639** (13) A1

(21) PCT/SE00/00837

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) PCT/SE99/00818 **12 May/mai 1999 (12.05.1999)** SE

(30) PCT/EP00/03115 **7 Apr/avr 2000 (07.04.2000)** EP

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • IMAGE FORMING APPARATUS AND METHOD  
• PROCEDE ET APPAREIL DE FORMATION D'IMAGE

(71) **ARRAY AB** [SE/SE]; Önnereads Brygga 13, S-421 57 Västra Frölunda (SE).

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

(72, 75) **LARSSON, Ove** [SE/SE]; Fullriggaregatan 10, S-421 74 Västra Frölunda (SE).

**RYDSTRÖM, Bo** [SE/SE]; Rådavägen 19, S-431 36 Mölndal (SE).

(74) **ANDERSSON, Per** et al. / etc.; Albihtns Patentbyrå Göteborg AB, P.O. Box 142, S-401 22 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B41J 2/415**

(11) **WO 00/69640** (13) A1

(21) PCT/SE00/00838

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) PCT/SE99/00818 **12 May/mai 1999 (12.05.1999)** SE

(30) PCT/EP00/03115 **7 Apr/avr 2000 (07.04.2000)** EP

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • IMAGE FORMING APPARATUS  
• DISPOSITIF IMAGEUR

(71) **ARRAY AB** [SE/SE]; Önnereads Brygga 13, S-421 57 Västra Frölunda (SE).

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

(72, 75) **LARSSON, Ove** [SE/SE]; Fullriggaregatan 10, S-421 74 Västra Frölunda (SE).

**ALM, Filip** [SE/SE]; Skårdalsvägen 89, S-445 36 Bohus (SE).

(74) **ANDERSSON, Per** et al. / etc.; Albihtns Patentbyrå Göteborg AB, P.O. Box 142, S-401 22 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **B41J 2/415**

(11) **WO 00/69641** (13) A1

(21) PCT/SE00/00839

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) PCT/SE99/00818 **12 May/mai 1999 (12.05.1999)** SE

(30) PCT/EP00/03115 **7 Apr/avr 2000 (07.04.2000)** EP

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • IMAGE FORMING APPARATUS AND METHOD  
• APPAREIL DE CONCEPTION D'IMAGES ET PROCEDE

(71) **ARRAY AB** [SE/SE]; Önnereads Brygga 13, S-421 57 Västra Frölunda (SE).

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

(72, 75) **LARSSON, Ove** [SE/SE]; Fullriggaregatan 10, S-421 74 Västra Frölunda (SE).

**KLOCKAR, Per** [SE/SE]; Björlanda Strand 97, S-423 61 Torslanda (SE).

(74) **ANDERSSON, Per** et al. / etc.; Albihtns Patentbyrå Göteborg AB, P.O. Box 142, S-401 22 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **B41J 2/51, 25/34**

(11) **WO 00/69642** (13) A1

(21) PCT/JP00/03161

(22) **17 May/mai 2000 (17.05.2000)**

(25) ja (26) ja

(30) 11/135343 **17 May/mai 1999 (17.05.1999)** JP

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SERIAL RECORDING DEVICE  
• DISPOSITIF D'ENREGISTREMENT EN SERIE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).

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

(72, 75) **USUI, Minoru** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP).

**KATAKURA, Takahiro** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP).

(74) **KIMURA, Katsuhiko** et al. / etc.; Nishiki Patent Office, 3F 11-Sankyo Building, 1-2, Koishikawa 2-chome, Bunkyo-ku, Tokyo 112-0002 (JP).

(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B41J 2/525, 2/21**

(11) **WO 00/69643** (13) A1

(21) PCT/JP00/03030

(22) **11 May/mai 2000 (11.05.2000)**

(25) ja (26) ja

(30) 11/131288 **12 May/mai 1999 JP (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● RECORDING DEVICE AND DATA CONTROL METHOD THEREFOR  
● DISPOSITIF D'ENREGISTREMENT ET PROCÉDE DE CONTROLE DE DONNEES ASSOCIE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **USUDA, Hidenori** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP). **OTSUKI, Koichi** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP).

(74) **MIYAKOSHI, Noriaki**; Shin-ei Patent Office, ARK Mori Building, 29th floor, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6029 (JP).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (a)

(51)<sup>7</sup> **B41J 19/14, 2/21**

(11) **WO 00/69644** (13) A1

(21) PCT/NL00/00338

(22) **18 May/mai 2000 (18.05.2000)**

(25) nl (26) en

(30) 1012085 **18 May/mai 1999 NL (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHOD FOR FORMATION OF COLOURS WITH A COLOUR PRINTER  
● PROCÉDE PERMETTANT DE PRODUIRE DES COULEURS A L'AIDE D'UNE IMPRIMANTE COULEUR

(71) **STORK DIGITAL IMAGING B.V.** [NL/NL]; Handelstraat 6, NL-5831 AV Boxmeer (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WELTEN, Petrus, Leonardus, Johannes** [NL/NL]; Tuinfluiter 23, NL-5831 MD Boxmeer (NL). **ARJONA-GOMEZ, Fulgencio** [ES/NL]; Picassohof 22, NL-5613 MC Eindhoven (NL). **HAENISCH-HABEDANK, Sigrid, Dorothea** [DE/DE]; Hochstrasse 29, D-47178 Duisburg (DE). **BRAUN, Robert,**

**Evert, Anthony** [NL/NL]; Karrevracht 15, NL-5406 AG Uden (NL).

(74) **BROOKHUIS, H., J., A.**; Exter Polak & Charlois B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B41M 1/00, 1/04**

(11) **WO 00/69645** (13) A1

(21) PCT/US00/12545

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 09/312,786 **17 May/mai 1999 US (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● PRINTING APPARATUS AND METHOD FOR PREVENTING BARRING OR BANDING ON A PRINTED SUBSTRATE  
● APPAREIL D'IMPRESSION ET PROCÉDE CORRESPONDANT DESTINES A EMPECHER L'APPARITION DE BANDES OU DE RAYURES SUR UN SUBSTRAT IMPRIME

(71) **HERRMANN, Mark, L.** [US/US]; 4692 Ross Road, Batavia, OH 45103 (US).

(74) **ROONEY, Kevin, G.** 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **B41M 5/00, D06P 5/00**

(11) **WO 00/69646** (13) A1

(21) PCT/US99/21403

(22) **16 Sep/sep 1999 (16.09.1999)**

(25) en (26) en

(30) 09/314,034 **18 May/mai 1999 US (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● INK-JET PRINTABLE MACROPOROUS MATERIAL

● MATERIAU MACROPOREUX IMPRIMABLE PAR JET D'ENCRE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **SCHULTZ, Mark, F.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **FAROOQ, Omar**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **BARDELL, Scott, A.** et al. / etc.; 3M Innovative Properties Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AU BR CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B41M 5/00, C01B 37/02**

(11) **WO 00/69647** (13) A1

(21) PCT/US99/22505

(22) **29 Sep/sep 1999 (29.09.1999)**

(25) en (26) en

(30) 09/314,794 **18 May/mai 1999 US (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● INK RECEPTOR MEDIA SUITABLE FOR INKJET PRINTING  
● SUPPORTS RECEPTEUR D'ENCRE POUR IMPRESSION A JET D'ENCRE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **ANDERSON, Mark, T.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **SCHULZ, Mark, F.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **NIGATU, Tadesse, G.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **BARDELL, Scott, A.** et al. / etc.; 3M Innovative Properties Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B41M 5/26**

(11) **WO 00/69648** (13) A1

(21) PCT/US00/11724

(22) **28 Apr/avr 2000 (28.04.2000)**

- (25) en (26) en
- (30) 09/314,554 **19 May/mai 1999** US  
(19.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD OF IMAGING AN ARTICLE  
• PROCEDE DE FORMATION  
D'IMAGES SUR UN ARTICLE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **FITZER, Robert, C.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **HUANG, Haitao**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **LEPERE, Pierre, H.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **MCCARTHY-POHL, Theresa, A.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **WAID, Robert, D.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **TRUSSELL, James, J.** et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL SZ TZ UG ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B41M 5/38, 5/26, G02F 1/1335**
- (11) **WO 00/69649** (13) A1
- (21) PCT/US99/22872
- (22) **4 Oct/oct 1999 (04.10.1999)**
- (25) en (26) en
- (30) 09/312,421 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • THERMAL TRANSFER OF A BLACK MATRIX CONTAINING CARBON BLACK  
• TRANSFERT THERMIQUE D'UNE MATRICE NOIRE CONTENANT DU NOIR DE CARBONE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **POKORNY, Richard, J.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **PADIYATH, Raghunath**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **NODA, Kazuki**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **MILLER, William, D.** et al. / etc.; 3M Innovative Properties Company, Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B41N 1/12**
- (11) **WO 00/69650** (13) A1
- (21) PCT/US00/12854
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 09/312,188 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • FLEXOGRAPHIC PRINTING PLATE HAVING IMPROVED SOLIDS RENDITION  
• PLAQUE D'IMPRESSION FLEXOGRAPHIQUE A RENDU DE COMPOSITIONS PLEINES AMELIORE
- (71) **PCC ARTWORK SYSTEMS** [US/US]; 219A Rittenhouse Circle, Bristol, PA 19007 (US).
- (72) **SAMWORTH, Mark, R.**; 742 Westcliff Road, Wilmington, DE 19803 (US).
- (74) **GOLIAN, Paul, D.** et al. / etc.; Ratner & Prestia, P.O. Box 7228, Wilmington, DE 19803 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B42C 9/00**
- (11) **WO 00/69651** (13) A1
- (21) PCT/DE00/01521
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) de (26) de
- (30) 199 22 100.6 **17 May/mai 1999** DE  
(17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND DEVICE FOR ADHESIVE BINDING A SET OF SHEETS OF BOOKS, BOOK BLOCKS, BOOKLETS AND THE LIKE  
• PROCEDE ET DISPOSITIF POUR RELIER PAR COLLAGE EN EVENTAIL DES LIVRES, DES BLOCS DE FEUILLES, DES BROCHURES ET DES ARTICLES ANALOGUES
- (71) **BIELOMATIK L.O.S. GMBH** [DE/DE]; Taubenweg 3 - 5, D-93149 Nittenau (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **SCHMIDKONZ, Peter** [DE/DE]; Taubenweg 3 - 5, D-93149 Nittenau (DE).
- (74) **WASMEIER, A.** et al. / etc.; Postfach 10 08 26, D-93008 Regensburg (DE).
- (81) AU BA BG BR CA CN CZ EE GE HR HU IL IN JP KP LT LV MK MX NO NZ PL RO RU SG SK TR UA US YU ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **B42D 15/00, 5/00, B41L 1/24**
- (11) **WO 00/69652** (13) A1
- (21) PCT/US00/11307
- (22) **27 Apr/avr 2000 (27.04.2000)**
- (25) en (26) en
- (30) 09/311,224 **13 May/mai 1999** US  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • AIRLINE PASSENGER CARE KITS  
• DOSSIERS D'ASSISTANCE AUX PAS-SAGERS DE LIGNES AERIENNES
- (71) **MOORE NORTH AMERICA, INC.** [US/US]; 300 Lang Boulevard, Grand Island, NY 14072 (US).
- (72) **OLSON, James, L.**; 6620 Arlington Court, Chanhassen, MN 55317 (US). **STEWART, Rodney, J.**; 504 East 1980 N., North Logan, UT 84341 (US).
- (74) **SCALISE, Michael, F.** et al. / etc.; Hodgson, Russ, Andrews, Woods & Goodyear, LLP, One M & T Plaza, Suite 2000, Buffalo, NY 14203-2391 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B43K 1/08**
- (11) **WO 00/69653** (13) A1
- (21) PCT/IB99/00853
- (22) **12 May/mai 1999 (12.05.1999)**
- (25) fr (26) fr
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • WRITING INSTRUMENT  
• INSTRUMENT POUR L'ECRITURE

(71) **PREMEC SA** [CH/CH]; Via Industria, CH-6814 Cadempino Lugano (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SANTINI, Sergio** [CH/CH]; Via Fontanella 10b, CH-6932 Breganzona (CH).

(74) **MICHELI & CIE**; 122, rue de Genève, Case Postale 61, CH-1226 Genève-Thônex (CH).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B43K 1/12**

(11) **WO 00/69654** (13) A1

(21) PCT/FR00/01294

(22) **12 May/mai 2000 (12.05.2000)**

(25) fr (26) fr

(30) 99/06312 **14 May/mai 1999 (14.05.1999)** FR

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • NIB FOR WRITING AND METHODS FOR TREATING A LONGITUDINAL ELEMENT FROM WHICH A WRITING NIB OF THIS TYPE IS TO BE FORMED  
• POINTE D'ÉCRITURE ET PROCÉDES DE TRAITEMENT D'UN ÉLÉMENT LONGIFORME DESTINÉ À FORMER UNE TELLE POINTE D'ÉCRITURE

(71) **CONTE** [FR/FR]; 6, rue Gerhard Hansen, BP 349, F-62205 Boulogne sur Mer Cedex (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUEZ, José** [FR/FR]; 332, boulevard Sainte Beuve, F-62200 Boulogne sur Mer (FR). **BEDHOME, Vincent** [FR/FR]; 64, bis route de Crémarest, F-62240 Desvres (FR). **CHAVATTE, Philippe** [FR/FR]; 7, allée des Bergeronnettes, F-62360 Hesinde-L'Abbe (FR).

(74) **HENNION, Jean-Claude**; Cabinet Beau de Loménie, 37, rue du Vieux-Faubourg, F-59800 Lille (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **B43K 5/18, 8/04**

(11) **WO 00/69655** (13) A1

(21) PCT/JP00/03137

(22) **16 May/mai 2000 (16.05.2000)**

(25) ja (26) ja

(30) 11/135971 **17 May/mai 1999 (17.05.1999)** JP

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • WRITING IMPLEMENT  
• ACCESSOIRE D'ÉCRITURE

(71) **MITSUBISHI PENCIL KABUSHIKI KAISHA** [JP/JP]; 23-37, Higashi Oh 5-chome, Shinagawa-ku, Tokyo 140-8537 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KONOSE, Yoshiomi** [JP/JP]; 3-29, Fukujima, Tamamura-machi, Sawa-gun, Gunma 370-1105 (JP).

(74) **FUJIMOTO, Eisuke**; Fujimoto Patent & Law Office, Sanno Grand Building 3F, Room 317, 14-2, Nagato-cho 2-chome, Chiyoda-ku, Tokyo 100-0014 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B43K 7/04**

(11) **WO 00/69656** (13) A1

(21) PCT/US00/12389

(22) **5 May/mai 2000 (05.05.2000)**

(25) en (26) en

(30) 09/310,816 **12 May/mai 1999 (12.05.1999)** US

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FLUID DISPENSING DEVICE AND METHOD

• DISPOSITIF ET PROCÉDE DE DISTRIBUTION DE LIQUIDES

(63) US 09/310,816 (CON)  
12 May/mai 1999 (12.05.1999)

(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) **BOSY, Brian, J.** [US/US]; 11 Garvey Road, Framingham, MA 01701 (US).

(74) **GALLOWAY, Peter, D.**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **B43K 27/08, 29/00, 23/06, 23/12**

(11) **WO 00/69657** (13) A1

(21) PCT/US00/12455

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 09/311,615 **13 May/mai 1999 (13.05.1999)** US

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A MARKER ASSEMBLY  
• ENSEMBLE MARQUEUR

(71) **EK SUCCESS, LTD.** [US/US]; 125 Entin Road, Clifton, NJ 07014 (US).

(71, 72) **CLARKE, Timothy** [US/US]; 783 North Salem Road, Rigafield, CT 06877 (US).

(74) **HAROUN, Robert**; Sofer & Haroun, LLP, Suite 1921, 342 Madison Avenue, New York, NY 10173 (US).

(81) AU BR JP KR NZ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B44C 1/17, D06Q 1/12**

(11) **WO 00/69658** (13) A1

(21) PCT/US00/13746

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/134,849 **19 May/mai 1999 (19.05.1999)** US

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • IMAGE TRANSFER SHEET WITH TRANSFER BLOCKING OVERCOAT AND HEAT TRANSFER PROCESS USING THE SAME

• FEUILLE DE TRANSFERT D'IMAGE AVEC REVETEMENT D'ARRET DE TRANSFERT ET PROCEDE DE TRANSFERT PAR LA CHALEUR CORRESPONDANT

(71) **FOTO-WEAR, INC.** [US/US]; 101 Pocono Drive, Milford, PA 18337 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILLIAMS, Scott, A.** [US/US]; 1532 Hemlock Farms, Hawley, PA 18428 (US).

(74) **WEINER, Marc, S.;** Birch, Stewart, Kolasch & Birch, L.L.P., P.O. Box 747, Falls Church, VA 22040-0747 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **B60C 9/20, 9/22**

(11) **WO 00/69659** (13) A1

(21) PCT/FR99/01160

(22) **14 May/mai 1999 (14.05.1999)**

(25) fr (26) fr

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • RADIAL TYRE CROWN REINFORCEMENT

• ARMATURE DE SOMMET POUR PNEUMATIQUE RADIAL

(71) **SOCIETE DE TECHNOLOGIE MICHELIN** [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand (FR). **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) **CLUZEL, Guy** [FR/FR]; 30, rue de la Châtaigneraie, F-63110 Beaumont (FR).

(81) BR CA CN HU IN JP KR RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B60C 11/01, 11/00, 9/18**

(11) **WO 00/69660** (13) A1

(21) PCT/EP00/03883

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) de (26) de

(30) 199 22 312.2 **14 May/mai 1999 DE (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • AUTOMOBILE PNEUMATIC TIRES

• PNEU DE VEHICULE

(71) **CONTINENTAL AKTIENGESELLSCHAFT** [DE/DE]; Postfach 1 69, D-30001 Hannover (DE).

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

(72, 75) **BAUMHÖFER, Johannes** [DE/DE]; Ortsriede 21, D-30900 Wedemark (DE). **METGE, Axel** [DE/DE]; Vahrenheider Markt 8, D-30179 Hannover (DE). **WIES, Burkhard** [DE/DE]; Kieselgurweg 20, D-30455 Hannover (DE).

(74) **SCHNEIDER, Egon;** Continental Aktiengesellschaft, Postfach 1 69, D-30001 Hannover (DE).

(81) CZ HU JP KR PL RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B60C 17/00, 9/08**

(11) **WO 00/69661** (13) A1

(21) PCT/US99/11081

(22) **18 May/mai 1999 (18.05.1999)**

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • RUNFLAT TIRE CONSTRUCTION WITH PLY CORDS HAVING A VARIABLE MODULUS OF ELASTICITY

• CONSTRUCTION DE PNEU ANTI-BALLES A CABLE DE PLI A MODULE ELASTIQUE VARIABLE

(71) **THE GOODYEAR TIRE & RUBBER COMPANY** [US/US]; 1144 East Market Street, Akron, OH 44316-0001 (US).

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

(72, 75) **ROESGEN, Alain, Emile, Francois** [LU/LU]; 11, rue Alfred de Musset, L-2175 Luxembourg (LU). **COLANTONIO, Laurent** [BE/BE]; 55 Cobru, B-6600 Bastogne (BE). **THISE-FOURGON, Marie-Rita, Catherine, Amelie** [BE/BE]; Bras 50, B-6600 Bastogne (BE).

(74) **COHN, Howard, M.;** c/o Robert W. Brown Dept. 823, The Goodyear Tire & Rubber Company, 1144 East Market Street, Akron, OH 44309-3531 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B60C 23/00**

(11) **WO 00/69662** (13) A1

(21) PCT/AT00/00137

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) A 871/99 **17 May/mai 1999 AT (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR THE AUTOMATIC OPERATION OF A TIRE INFLATION DEVICE FOR MOTOR VEHICLES

• PROCEDE POUR ACTIONNER AUTOMATIQUEMENT UN SYSTEME DE GONFLAGE DE PNEUS DE VEHICULES AUTOMOBILES

(71) **STEYR DAIMLER PUCH SPEZIALFAHRZEUG AG & CO KG** [AT/AT]; 2. Haidequerstrasse 3, A-1111 Wien (AT).

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

(72, 75) **SKOFF, Gerhard** [AT/AT]; Maurer Lange Gasse 98/H20, A-1230 Wien (AT).

(74) **RIPPEL, Andreas;** Maxingstrasse 34, A-1130 Wien (AT).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **B60C 23/04**

(11) **WO 00/69663** (13) A1

(21) PCT/US99/29723

(22) **15 Dec/déc 1999 (15.12.1999)**

(25) en (26) en

(30) 60/134,398 **17 May/mai 1999 US (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • POWER-ON RESET FOR TRANSPONDER

• REMISE A ZERO DE MISE SOUS TENSION POUR TRANSPONDEUR

(71) **THE GOODYEAR TIRE & RUBBER COMPANY** [US/US]; 1144 East Market Street, Akron, OH 44316-0001 (US).

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

(72, 75) **YONES, Dale, Lee** [US/US]; Apt. 133, 5610 Arapahoe Road, Boulder, CO 80303 (US).

(74) **COHN, Howard, M.;** The Goodyear Tire & Rubber Co., Robert W. Brown Dept. 823, 1144 East Market Street, Akron, OH 44309-3531 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **B60G 17/01, 17/08, 15/12, F16F 9/19, 9/504**
- (11) **WO 00/69664** (13) A1
- (21) PCT/AU00/00470
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) PQ 0396 **17 May/mai 1999 AU (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ACTIVE SUSPENSION SYSTEM AND COMPONENTS THEREFOR  
• SYSTEME DE SUSPENSION ACTIVE ET ELEMENTS ASSOCIES
- (71, 72) **DI MARIA, Philip** [AU/AU]; 106 Helen Street, Morwell, Victoria 3840 (AU).
- (74) **PRYOR, Geoffrey, Charles** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, Victoria 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Laboratory, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP). **TAKANO, Kazuaki** [JP/JP]; Hitachi, Ltd., Automotive Products Division, 2520, Takaba, Hitachinaka-shi, Ibaraki 312-0062 (JP).
- (74) **SAKUTA, Yasuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **B60K 35/00, G07C 5/08**
- (11) **WO 00/69666** (13) A1
- (21) PCT/EP00/03457
- (22) **17 Apr/avr 2000 (17.04.2000)**
- (25) de (26) de
- (30) 199 22 001.8 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • INDICATION METHOD AND INDICATOR DEVICE FOR INDICATING STATUS INFORMATION  
• PROCEDE ET DISPOSITIF POUR AFFICHER DES INFORMATIONS D'ETAT
- (71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; D-38436 Wolfsburg (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CRULL, Torsten** [DE/DE]; Zimmersstrasse 18, D-38106 Braunschweig (DE). **KIESEWETTER, Thomas** [DE/DE]; Kreuzstrasse 86, D-38118 Braunschweig (DE). **HEIMERMANN, Matthias** [DE/DE]; Campestrasse 3A, D-38302 Wolfenbüttel (DE).
- (74) **VOLKSWAGEN AKTIENGESELLSCHAFT**; Brieffach 1770, D-38436 Wolfsburg (DE).
- (81) CN IN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>6</sup> **B60K 31/00, F02D 29/02, B60R 21/00**
- (11) **WO 00/69665** (13) A1
- (21) PCT/JP99/02447
- (22) **12 May/mai 1999 (12.05.1999)**
- (25) ja (26) ja
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • VEHICLE RUNNING CONTROL DEVICE AND VEHICLE  
• DISPOSITIF DE COMMANDE DE FONCTIONNEMENT D'UN VEHICULE ET VEHICULE CORRESPONDANT
- (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KURAGAKI, Satoru** [JP/JP]; Hitachi, Ltd., Hitachi Research Laboratory, 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP). **YOSHIKAWA, Tokuji** [JP/JP]; Hitachi, Ltd., Hitachi Research Laboratory, 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP). **KURODA, Hiroshi** [JP/JP]; Hitachi, Ltd., Hitachi Research Laboratory, 1-1, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP). **MINOWA, Toshimichi** [JP/JP]; Hitachi, Ltd., Hitachi Research Laboratory, Omikacho 7-chome, Hitachi-shi, Ibaraki 319-1221 (JP). **NAKAMURA, Kozo** [JP/JP]; Hitachi, Ltd., Hitachi Research
- (72, 75) **SCHÜTTE, Thorsten** [SE/SE]; Bangatan 5B, S-722 28 Västerås (SE).
- (74) **HANSON, William, Bennett** et al. / etc.; JY & GW Johnson, Kingsbourne House, 229-231 High Holborn, London WC1V 7DP (GB).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **B60N 2/00**
- (11) **WO 00/69668** (13) A2
- (21) PCT/ZA00/00073
- (22) **17 Apr/avr 2000 (17.04.2000)**
- (25) en (26) en
- (30) 99/03372 **17 May/mai 1999 ZA (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A HEADREST  
• APPUIE-TETE INCLINABLE
- (71, 72) **AMBROSE, Trevor, Albertus** [ZA/ZA]; Siymar Gardens 5, Trichardt, 2302 Secunda (ZA).
- (74) **DUNLOP, Alan, J., S.** et al. / etc.; Hahn & Hahn Inc., 222 Richard Street, Hatfield, 0083 Pretoria (ZA).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B60M 3/00**
- (11) **WO 00/69667** (13) A1
- (21) PCT/EP00/04910
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 9911464.7 **17 May/mai 1999 GB (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • AC TRACTION POWER SUPPLY SYSTEM  
• SYSTEME D'ALIMENTATION EN COURANT ALTERNATIF DE TRACTION
- (71) **DAIMLERCHRYSLER AG** [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (51)<sup>7</sup> **B60N 2/02**
- (11) **WO 00/69669** (13) A1
- (21) PCT/DE00/01533

(22) 11 May/mai 2000 (11.05.2000)

(25) de (26) de  
 (30) 199 22 469.2 18 May/mai 1999 DE  
 (18.05.1999)  
 (30) 199 46 021.3 25 Sep/sep 1999 DE  
 (25.09.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CONTROL DEVICE FOR CONTROLLING ADJUSTMENT MOTORS FOR ADJUSTING DIFFERENT PARTS OF A SEAT

- DISPOSITIF SERVANT A COMMANDER DES MOTEURS DE POSITIONNEMENT POUR LE REGLAGE DE DIFFERENTES PARTIES D'UN SIEGE

(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) SOTTONG, Sascha [DE/DE]; Weinbergblick 1, D-55444 Eckenroth (DE).

(74) BECKER, Bernd; Becker &amp; Aue, Saarlandstrasse 66, D-55411 Bingen (DE).

(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> B60N 2/02

(11) WO 00/69670 (13) A1

(21) PCT/US00/10245

(22) 18 Apr/avr 2000 (18.04.2000)

(25) en (26) en

(30) 09/313,888 18 May/mai 1999 US  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SECTOR RECLINER WITH SINGLE POSITION MEMORY

- FAUTEUIL INCLINABLE PAR SECTEUR, DOTE D'UNE UNIQUE MEMOIRE DE POSITIONS

(71) FISHER DYNAMICS CORPORATION [US/US]; 33300 Freeway Drive, St. Clair Shores, MI 48082 (US).

(72) CHEN, Song; 98 Miracle Drive, Troy, MI 48084 (US).

(74) BROCK, Christopher, M. et al. / etc.; Harness, Dickey &amp; Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) CA DE GB JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> B60N 2/22, 2/02, 2/64

(11) WO 00/69671 (13) A1

(21) PCT/DE99/04121

(22) 29 Dec/déc 1999 (29.12.1999)

(25) de (26) de

(30) 199 22 645.8 18 May/mai 1999 DE  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DEVICE FOR MANUALLY AND/OR AUTOMATICALLY ADJUSTING THE SEAT OF A MOTOR VEHICLE COMPRISING SEVERAL SEATING ELEMENTS

- DISPOSITIF DE REGLAGE MANUEL ET/OU AUTOMATIQUE D'UN SIEGE DE VEHICULE PRESENTANT PLUSIEURS ELEMENTS

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).

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

(72, 75) URSEL, Eckhard [DE/DE]; Lesingstrasse 21, D-77815 Buehl (DE).

GENTER, Gerhard [DE/DE]; Muehlbosch 1, D-77855 Achem (DE).

WINTER, Manfred [DE/DE]; Seestrassen 11, D-77839 Lichtenau (DE).

HAUSSECKER, Walter [DE/DE]; Albert-Schneble-Strasse 25, D-77830 Buehlertal (DE).

SCHILLER, Herbert [DE/DE]; Eugen-Seelos-Weg 3, D-77830 Buehlertal (DE).

MAENNLE, Erik [DE/DE]; Freiwald 4, D-77704 Oberkirch (DE).

HARTZ, Guenter [DE/DE]; Am Eichenwaeldchen 4, D-77830 Buehlertal (DE).

WOLF, Joerg [DE/DE]; Ruschgraben 63, D-76139 Karlsruhe (DE).

PROHASKA, Werner [DE/DE]; Daliengeweg 1, D-77833 Ottersweier (DE).

STEUER, Martin [DE/DE]; Tannenweg 2, D-77830 Buehlertal (DE).

LINDE, Hansjuergen [DE/DE]; Hutholzweg 18, D-96450 Coburg (DE).

NEUMANN, Uwe [DE/DE]; Kuni-gundendamm 146, D-96050 Bamberg (DE).

REHKLAU, Andreas [DE/DE]; Wiesens-trasse 1, D-96450 Coburg (DE).

(81) BR JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> B60N 2/235

(11) WO 00/69672 (13) A1

(21) PCT/GB00/01782

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 9911227.8 15 May/mai 1999 GB  
(15.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DEVICE FOR RECLINING VEHICLE SEAT

- DISPOSITIF PERMETTANT DE CONVERTIR DES SIEGES EN COUCHETTES

(71) JOHNSON CONTROLS AUTOMOTIVE (U.K.) LTD. [GB/GB]; Stafford Park 6, Telford, Shropshire TF3 3RQ (GB).

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

(72, 75) HOLLOWAY, Ian, Pemberton [GB/GB]; 178 Bridgetown Road, Stratford-on-Avon, Warwickshire CV3 7JA (GB).

EDMOND, Keith [GB/GB]; Flat 1, 16 Shropshire Street, Market Drayton, Shropshire TF9 3BY (GB).

MOORE, Simon [GB/GB]; Jasmin Cottage, 8 Cateralls Lane, Whitchurch, Shropshire SY13 4DF (GB).

(74) FORRESTER KETLEY &amp; CO.; Chamberlain House, Paradise Place, Birmingham B3 3HP (GB).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> B60N 2/42, 2/00, 2/68

(11) WO 00/69673 (13) A1

(21) PCT/EP00/04356

(22) 15 May/mai 2000 (15.05.2000)

(25) de (26) de

(30) 199 22 781.0 18 May/mai 1999 DE  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SAFETY SEAT

- SIEGE DE SECURITE

(71) TEAM ROSBERG GMBH [DE/DE]; Nachtweide 35, D-67433 Neustadt/Weinstrasse (DE).

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

(72, 75) DÖHRER, Eckhardt [DE/DE]; Im Falkenhorst 1, D-67435 Neustadt/Weinstrasse (DE).

(74) GRÜNECKER, KINKELDEY, STOCKMAIR &amp; SCHWANHÄUSSER; Maximilianstrasse 58, D-80538 München (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> B60N 3/14, B60R 11/02, H04M 1/02

(11) WO 00/69674 (13) A1

(21) PCT/CN00/00119

(22) 12 May/mai 2000 (12.05.2000)

(25) zh (26) zh

(30) 99 2 33330.X 14 May/mai 1999 CN  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A CAR CIGARETTE LIGHTER SOCKET WITH CONNECTOR EXTENSION

- PRISE D'ALLUME-CIGARES D'UN VEHICULE DOTEE D'UN CONNEXTEUR EXTENSIBLE

(71, 72) OU, Jack [CN/CN]; 3F1, No. 12, Lane 47, Fu-Kang Street, Nan-Kang District, Taipei City, Taiwan (CN).

(74) CHINA SCIENCES PATENT AGENT LIMITED; 16th floor, Zhongke Building, No. 80, Haidian Road, Haidian District, Beijing 100080 (CN).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60P 1/18

(11) WO 00/69675 (13) A1

(21) PCT/AU00/00453

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) PQ 0322 12 May/mai 1999 AU (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • TIPPING TRAILERS

• SEMI-REMORQUES BASCULANTES

(71) FIREBELT PTY. LIMITED [AU/AU]; 10-12 Pacific Highway, Chinderah, New South Wales 2487 (AU).

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

(72, 75) RICHARDS, Rhys, William [AU/AU]; 12 Midship Court, Barona Point, New South Wales 2486 (AU).

(74) INTELLPRO; Level 7, Reserve Bank Building, 102 Adelaide Street, (GPO Box 1339, Brisbane, Qld, 4001), Brisbane, Queensland 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60P 1/28, 1/04, B62D 21/20, 33/023, 53/08, 63/06

(11) WO 00/69676 (13) A1

(21) PCT/AU00/00478

(22) 16 May/mai 2000 (16.05.2000)

(25) en (26) en

(30) PQ 0397 18 May/mai 1999 AU (18.05.1999)

(30) PQ 02931 17 Sep/sep 1999 AU (17.09.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A TIP TRAILER

• REMORQUE A BENNE BASCULANTE

(71, 72) MATHEWS, Mark [AU/AU]; P.O. Box 1529, Dubbo, NSW 2830 (AU).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60P 3/08, B65D 88/12

(11) WO 00/69677 (13) A1

(21) PCT/GB00/01896

(22) 17 May/mai 2000 (17.05.2000)

(25) en (26) en

(30) 9911483.7 17 May/mai 1999 GB (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • (VEHICLE) LOAD MOUNTING IN CONTAINER

• MISE EN CONTENEUR D'UNE CHARGE (VEHICULE)

(71, 72) CLIVE-SMITH, Martin [GB/GB]; Wootton Paddock, Leek Wootton, Warwickshire CV35 7QX (GB).

(74) TILLBROOK, Christopher, John; 1 Mill Street, Warwick CV34 4HB (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B60P 3/355

(11) WO 00/69678 (13) A1

(21) PCT/AU00/00462

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) PQ0353 13 May/mai 1999 AU (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CAMPER BODY CONSTRUCTION

• REALISATION DE CELLULE HABITABLE AMOVIBLE

(71) CAMP-O-MATIC PRODUCTS AUSTRALIA PTY LTD [AU/AU]; 25 Old Pacific Highway, Yatala, Queensland 4207 (AU).

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

(72, 75) EASTWELL, Barry, Richmond [AU/AU]; 25 Old Pacific Highway, Yatala, Queensland 4207 (AU). EASTWELL, Jeffrey, Richmond [AU/AU]; 25 Old Pacific Highway, Yatala, Queensland 4207 (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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60Q

(11) WO 00/69679 (13) A1

(21) PCT/EP00/04170

(22) 10 May/mai 2000 (10.05.2000)

(25) de (26) de

(30) 199 22 687.3 18 May/mai 1999 DE (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND DEVICE FOR AUTOMATICALLY SWITCHING ON OR OFF THE LIGHTS OF A VEHICLE

• PROCEDE ET DISPOSITIF POUR L'ALLUMAGE OU L'EXTINCTION AUTOMATIQUE DES FEUX D'UN VEHICULE

(71) VALEO AUTO-ELECTRIC WISCHER UND MOTOREN GMBH [DE/DE]; Abt. RPL, Stuttgarter Strasse 119, D-74321 Bietigheim-Bissingen (DE).

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

(72, 75) SCHULER, Thomas [DE/DE]; Waldenserstrasse 42, D-75444 Wiernsheim (DE).

(81) JP US; EP (DE ES FR GB IT).

(51)<sup>7</sup> B60Q 5/00

(11) WO 00/69680 (13) A1

(21) PCT/DE00/00258

(22) 27 Jan/jan 2000 (27.01.2000)

(25) de (26) de

(30) 199 22 216.9 14 May/mai 1999 DE (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)



- (54) • SOUND TRANSMISSION DEVICE FOR A MOTOR VEHICLE
- DISPOSITIF DE TRANSMISSION SONORE POUR UN VEHICULE AUTOMOBILE
- (71) **MAHLE FILTERSYSTEME GMBH** [DE/DE]; Pragstrasse 54, D-70376 Stuttgart (DE). **BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT** [DE/DE]; Petuelring 130, D-80809 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WALTER, Norbert** [DE/DE]; Hochfeldstrasse 12, D-67067 Ludwigshafen (DE). **HELGET, Manfred** [DE/DE]; Sontheimerstr. 10, D-70437 Stuttgart (DE). **GOKELE, Thomas** [DE/DE]; Moselstr. 98, D-70376 Stuttgart (DE). **HOFFMANN, Reinhard** [DE/DE]; Dresdner Strasse 46, D-80993 München (DE). **LINDNER, Udo** [DE/DE]; Wiesenweg 28, D-85757 Karlsfeld (DE).
- (74) **BERNHARD, Uwe**; Rotermund + Pfusch, Waiblinger Strasse 11, D-70372 Stuttgart (DE).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **B60R**
- (11) **WO 00/69681** (13) A2
- (21) PCT/KR00/00470
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) ko (26) en
- (30) 1999/17470 **15 May/mai 1999 (15.05.1999)** KR
- (30) 2000/1311 **12 Jan/jan 2000 (12.01.2000)** KR
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • AN APPARATUS FOR PRODUCING SEAWATER GAS AND FLAMMABLE GAS PRODUCTS OBTAINED BY USING THE SAME
- APPAREIL DESTINE A LA PRODUCTION DE GAZ D'EAU DE MER ET PRODUITS GAZEUX COMBUSTIBLES OBTENUS PAR UTILISATION DE CET APPAREIL
- (71, 72) **PARK, Byung-Sun** [KR/KR]; 779-41, Kuro-dong Kuro-Ku, Seoul 152-050 (KR).
- (74) **KIM, Seong-Ki**; 9th floor, Teheran Bd., 825-33, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AL AU BA BB BG BR CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KP LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK SL TR TT TZ UA US UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B60R 1/06**
- (11) **WO 00/69682** (13) A1
- (21) PCT/KR00/00179
- (22) **7 Mar/mar 2000 (07.03.2000)**
- (25) ko (26) en
- (30) 1999/18029 **19 May/mai 1999 (19.05.1999)** KR
- (30) 1999/40282 **18 Sep/sep 1999 (18.09.1999)** KR
- (30) 2000/7610 **17 Feb/fév 2000 (17.02.2000)** KR
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SIDEVIEW MIRROR FOR VEHICLES AND ANGLE CONTROL DEVICE THEREOF
- RETROVISEUR DE VEHICULE ET DISPOSITIF DE COMMANDE D'ANGLE ASSOCIE
- (71, 72) **KHO, Myung, Duk** [KR/KR]; 18-40 Kangnam Apt., 1648 Sinlim 8-Dong, Kwana-Ku, Seoul 151-018 (KR).
- (74) **PARK, Jang, Won**; Park, Kim & Partner, Jewoo Bldg. 4th Fl., 200 Nonhyun-Dong, Kangnam-Ku, Seoul 135-010 (KR).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B60R 1/06**
- (11) **WO 00/69683** (13) A1
- (21) PCT/NL00/00326
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 1012090 **18 May/mai 1999 (18.05.1999)** NL
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MOVEMENT MECHANISM
- MECANISME DE MOUVEMENT
- (71) **IKU HOLDING MONTFOORT B.V.** [NL/NL]; Waardsedijk Oost 9, NL-3417 XJ Montfoort (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BROUWER, Stefan, Frits** [NL/NL]; Hollanderstraat 22, NL-2517 HK The Hague (NL).
- (74) **PRINS, A., W.**; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).
- 
- (51)<sup>7</sup> **B60R 1/06**
- (11) **WO 00/69684** (13) A1
- (21) PCT/NL00/00328
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 1012087 **18 May/mai 1999 (18.05.1999)** NL
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DRIVE SYSTEM
- SYSTEME D'ENTRAINEMENT
- (71) **IKU HOLDING MONTFOORT B.V.** [NL/NL]; Waardsedijk Oost 9, NL-3417 XJ Montfoort (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BROUWER, Stefan, Frits** [NL/NL]; Hollanderstraat 22, NL-2517 HK The Hague (NL).
- (74) **PRINS, A., W.**; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).
- 
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B60R 1/06**
- (11) **WO 00/69685** (13) A1
- (21) PCT/NL00/00330
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 1012092 **18 May/mai 1999 (18.05.1999)** NL
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MIRROR ACTUATOR HOUSING CONSTRUCTION
- ENSEMBLE ENCEINTE D'ACTIONNEUR DE MIROIR

- (71) **IKU HOLDING MONTFOORT B.V.** [NL/NL]; Waardsedijk Oost 9, NL-3417 XJ Montfoort (NL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BROUWER, Stefan, Frits** [NL/NL]; Hollanderstraat 22, NL-2517 HK The Hague (NL).
- (74) **PRINS, A., W.**; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B60R 1/07**
- (11) **WO 00/69686** (13) A1
- (21) PCT/NL00/00329
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 1012088 **18 May/mai 1999 NL (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ELECTRICALLY ADJUSTABLE MIRROR CONSTRUCTION  
● SUPPORT DE MIROIR REGLABLE ELECTRIQUEMENT
- (71) **IKU HOLDING MONTFOORT B.V.** [NL/NL]; Waardsedijk Oost 9, NL-3417 XJ Montfoort (NL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BROUWER, Stefan, Frits** [NL/NL]; Hollanderstraat 22, NL-2517 HK The Hague (NL). **BLOM, Adrianus, Johannes, Maria** [NL/NL]; Ruygenhoekse Polder 32, NL-3453 NG De Meern (NL). **VAN STIPHOUT, Paulus, Gerardus, Maria** [NL/NL]; Frans Kafkweg 25, NL-3446 ZK Woerden (NL).
- (74) **PRINS, Ir., A., W.**; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>6</sup> **B60R 16/02**
- (11) **WO 00/69688** (13) A1
- (21) PCT/JP99/02587
- (22) **18 May/mai 1999 (18.05.1999)**
- (25) ja (26) ja
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● EMERGENCY CALL SYSTEM WITH BATTERY SWITCHING FUNCTION  
● SYSTEME D'APPEL D'URGENCE AVEC FONCTION DE COMMUTATION DE BATTERIE
- (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) **SETO, Hitoshi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
- (74) **TAZAWA, Hiroaki** et al. / etc.; 7F, Daito Building, 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- 
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B60R 21/01**
- (11) **WO 00/69689** (13) A1
- (21) PCT/DE00/01462
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) de (26) de
- (30) 199 22 710.1 **18 May/mai 1999 DE (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● CONTROL CIRCUIT FOR AN ALTERNATING-CURRENT IGNITION CIRCUIT OF A RESTRAINING MEANS  
● CIRCUIT DE COMMANDE POUR CIRCUIT D'ALLUMAGE A COURANT ALTERNATIF POUR MOYENS DE RETENUE
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MATTES, Bernhard** [DE/DE]; Quersstrasse 41, D-74343 Sachsenheim (DE). **SCHUMACHER, Hartmut** [DE/DE]; Pfarrer Aldingerstrasse 4, D-71691 Freiberg (DE). **RINGGER, Klaus** [DE/DE]; Silcherstrasse 41, D-72622 Nuertingen (DE).
- (81) AU JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B60R 21/26, 21/16**
- (11) **WO 00/69690** (13) A1
- (21) PCT/US00/13568
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/313,047 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SIDE IMPACT INFLATOR ASSEMBLY WITH EXTERNAL GAS COOLING  
● ENSEMBLE DE GONFLAGE POUR IMPACT LATERAL A REFRROIDISSEMENT EXTERNE DE GAZ
- (71) **AUTOLIV ASP, INC.** [US/US]; 3350 Airport Road, Ogden, UT 84405 (US).
- (72) **ENDERS, Mark, L.**; 4373 North 175 West, Pleasant View, UT 84414 (US). **CLARK, Marcus**; 39 North 400 East, Kaysville, UT 84037 (US). **BENNETT, Vincent, L.**; 3316 East 5300 North, Liberty, UT 84310 (US). **LUNT, Larry, F.**; 47 North 200 East, Brigham City, UT 84302 (US). **HENDERSON, David**; 3234 N. Mountain Road, North Ogden, UT 84414 (US).
- (74) **KOTTIS, Nick, C.**; Pauley Petersen Kinne & Fejer, 2800 West Higgins Road, Suite 365, Hoffman Estates, IL 60195 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>6</sup> B60R 25/10

(11) WO 00/69691 (13) A1

(21) PCT/JP99/02588

(22) 18 May/mai 1999 (18.05.1999)

(25) ja (26) ja

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • EMERGENCY CALL SYSTEM WITH THEFT PREVENTION FUNCTION

- SYSTEME D'APPEL D'URGENCE A FONCTION DE PROTECTION CONTRE LE VOL

(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) SETO, Hitoshi [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) TAZAWA, Hiroaki et al. / etc.; 7F, Daito Building, 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> B60S 1/08

(11) WO 00/69692 (13) A1

(21) PCT/FR00/01353

(22) 18 May/mai 2000 (18.05.2000)

(25) fr (26) fr

(30) 99/06300 18 May/mai 1999 FR (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DEVICE FOR DETECTING A PARAMETER ASSOCIATED WITH THE STATE OF A VEHICLE, ESPECIALLY AN AUTOMOBILE

- DISPOSITIF DE DETECTION D'UN PARAMETRE ASSOCIE A L'ETAT D'UN VEHICULE, NOTAMMENT AUTOMOBILE

(71) VALEO CLIMATISATION [FR/FR]; 8, rue Louis-Lormand, F-78321 La Verrière (FR).

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

(72, 75) CHENG, Thierry [FR/FR]; 1, rue le Corbusier, F-78280 Guyancourt (FR). AUGE, Jean-Luc [FR/FR]; 6, rue Jean Jaurés, F-91400 Orsay (FR). DE MONTS, Antoine [FR/FR]; Le Bais, F-14340 Cambremer (FR). LAURENT, Patrice [FR/FR]; 49C, rue des Chantiers, F-78000 Versailles (FR).

(74) KOENIG, Christine; Valeo Climatisation, 8, rue Louis-Lormand, F-78321 La Verrière (FR).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> B60S 1/40, 1/38

(11) WO 00/69693 (13) A1

(21) PCT/DE99/03775

(22) 27 Nov/nov 1999 (27.11.1999)

(25) de (26) de

(30) 199 22 520.6 15 May/mai 1999 DE (15.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • WIPER BLADE

- RACLETTE D'ESSUIE-GLACE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).

(72) MERKEL, Wilfried; Westring 10a, D-77876 Kappelrodeck (DE). DAENEN, Roger; Gelaesplein 16, B-3770 Vlytingen-Riemst (BE).

(81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> B60S 3/04

(11) WO 00/69694 (13) A1

(21) PCT/GB00/01851

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 9911318.5 15 May/mai 1999 GB (15.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • WHEEL CLEANING

- NETTOYAGE DE ROUES

(71) WHEELCLEAN (INTERNATIONAL) LTD. [GB/GB]; 119 Moss Lane, Timperley, Altrincham, Cheshire WA15 6JG (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMITH, Thomas, James [GB/GB]; Westbank House, 119 Moss Lane, Timperley, Altrincham, Cheshire WA15 6JG (GB). CLIFFORD, Peter, A. [GB/GB]; 5 Tarwin Close, Middlewich, Cheshire CW10 OSQ (GB).

(74) GIBBS, Christopher, Stephen; Haseltine Lake &amp; Co., Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B60T 1/06, B60K 17/04

(11) WO 00/69695 (13) A1

(21) PCT/EP00/04331

(22) 13 May/mai 2000 (13.05.2000)

(25) de (26) de

(30) 199 22 651.2 18 May/mai 1999 DE (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FINAL DRIVE FOR A MOBILE VEHICLE

- ENTRAINEMENT DE ROUE POUR VEHICULE MOBILE

(71) ZF FRIEDRICHSHAFEN AG [DE/DE]; D-88038 Friedrichshafen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PAULI, Robert [DE/DE]; Am Bergholz 49, D-94121 Salzweg (DE). SOLKA, Ulrich [DE/DE]; Lerchenweg 6 a, D-94081 Fürstzell (DE). SALG, Dittmar [DE/DE]; Ahornweg 12, D-94121 Salzweg (DE).

(74) ZF FRIEDRICHSHAFEN AG; D-88038 Friedrichshafen (DE).

(81) HU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> B60T 17/00, B01D 53/26

(11) WO 00/69696 (13) A1

(21) PCT/US00/13093

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 09/311,050 13 May/mai 1999 US (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CONTROLLER MODULE FOR CONTINUOUS FLOW TWIN AIR DRYERS AND PROCESS OF CONTROLLING SAME

- MODULE DE COMMANDE POUR DESSICCATEURS D'AIR DOUBLE A FLUX CONTINU ET PROCEDE DE COMMANDE ASSOCIE

(71) ALLIEDSIGNAL TRUCK BRAKE SYSTEMS COMPANY [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) QUINN, Leonard; 352 Carol Lane, Elyria, OH 44035 (US). CONKLIN, Richard, J., III; 29101 Fotte Road, Bay Village, OH 44140 (US).

(74) **CRISS, Roger, H.** et al. / etc.; AlliedSignal Truck Brake Systems Company, 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B61L 5/10**

(11) **WO 00/69697** (13) A1

(21) PCT/AT00/00130

(22) **10 May/mai 2000 (10.05.2000)**

(25) de (26) de

(30) A 864/99 **14 May/mai 1999 AT (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **DEVICE FOR ADJUSTING AND ELASTICALLY LOCKING MOVABLE SWITCH PARTS**

• **DISPOSITIF POUR REGLER ET VERROUILLER DE MANIERE ELASTIQUE DES ELEMENTS D'AIGUILLAGE MOBILES**

(71) **VAE AKTIENGESELLSCHAFT** [AT/AT]; Rotenturmstrasse 5-9, A-1010 Wien (AT).

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

(72, 75) **ACHLEITNER, Herbert** [AT/AT]; Am Langedelwehr 26/34, A-8010 Graz (AT). **HÖRTLER, Josef** [AT/AT]; Flatschach 6 b, A-8720 Knittelfeld (AT). **LASSACHER, Armin** [AT/AT]; Bahnhofviertel 5/3, A-8850 Murau (AT).

(74) **HAFFNER, Thomas, M.**; Schottengasse 3a, A-1014 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B61L 15/00, 3/12**

(11) **WO 00/69698** (13) A1

(21) PCT/EP00/04078

(22) **6 May/mai 2000 (06.05.2000)**

(25) de (26) de

(30) 199 22 663.6 **18 May/mai 1999 DE (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **DIAGNOSTIC SYSTEM**

• **SYSTEME DE DIAGNOSTIC**

(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) **TENGLER, Heinz** [DE/DE]; Baiersstrasse 11, 89558 Böhmenkirch (DE).

(74) **DR. WEITZEL & PARTNER**; Friedensstrasse 10, 89522 Heidenheim (DE).

(81) AU CA CN CZ HU IN JP KR NO PL SK TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B62B 9/28**

(11) **WO 00/69699** (13) A1

(21) PCT/EP00/04480

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 791.8 **18 May/mai 1999 DE (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **BOARD SUPPORTED BY CASTERS FOR ATTACHING TO A CHILD'S PUSHCHAIR**

• **PLANCHE A ROULETTES A FIXER A UNE VOITURE D'ENFANT**

(71, 72) **MITTERHOFER, Marika** [DE/DE]; Emil-Riedl-Strasse 8, D-80538 München (DE).

(74) **TURI, Michael**; Samson & Partner, Widemayerstrasse 5, D-80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **B62D 1/10**

(11) **WO 00/69700** (13) A1

(21) PCT/FR99/01159

(22) **14 May/mai 1999 (14.05.1999)**

(25) fr (26) fr

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **MECHANICAL DEVICE FOR RADially FIXING AN ELEMENT ONTO A SHAFT**

• **DISPOSITIF MECANIQUE DE FIXATION RADIALE D'UN ORGANE SUR UN ARBRE**

(71) **SOCIETE DE RECHERCHES, D'ETUDES ET DE VALORISATION**

[FR/FR]; 2, rue Saint-Pierre Neuville, F-27180 Claville (FR).

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

(72, 75) **ECKENFORFF, Jean-Pierre** [US/US]; 2, rue Saint-Pierre Neuville, F-27180 Claville (US).

(74) **CABINET BONNET-THIRION**; 12, Avenue de la Grande-Armée, F-75017 Paris (FR).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B62D 21/00, 21/20**

(11) **WO 00/69701** (13) A1

(21) PCT/AU00/00449

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) PQ 0329 **13 May/mai 1999 AU (13.05.1999)**

(30) PQ 5493 **8 Feb/fév 2000 AU (08.02.2000)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **A CHASSIS FOR A CURTAIN-SIDED, FLAT-TOP OR SKELETAL TRAILER**

• **CHASSIS DE REMORQUE A SOMMET LARGE OU A CLAIRE-VOIE ET RIDEAUX LATERAUX**

(71, 72) **KING, Lindsay, Alexander** [AU/AU]; 168 North Rocks Road, North Rocks, NSW 2151 (AU).

(74) **SPRUSON & FERGUSON**; GPO Box 3898, Sydney, NSW 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B62D 25/12, B60R 21/34, E05D 7/12**

(11) **WO 00/69702** (13) A1

(21) PCT/DE00/01517

(22) **13 May/mai 2000 (13.05.2000)**

(25) de (26) de

(30) 199 22 985.6 **19 May/mai 1999 DE (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **RESCUE SYSTEM OF A TRAIN OR VEHICLE**

• **SYSTEME DE SAUVETAGE POUR TRAIN OU VEHICULE**

(71, 72) **GO, Giok, Djien** [DE/DE]; Pfahlgrabenstrasse 45, D-65510 Idstein (DE).

(81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **B62D 25/12, B60R 21/34**

(11) **WO 00/69703** (13) A1

(21) PCT/DE00/01597

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 107.3 **17 May/mai 1999** DE  
(17.05.1999)

(30) 199 22 455.2 **17 May/mai 1999** DE  
(17.05.1999)

(30) 199 22 454.4 **17 May/mai 1999** DE  
(17.05.1999)

(30) 199 48 461.9 **8 Oct/oct 1999** DE  
(08.10.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FRONT HOOD ASSEMBLY  
• ENSEMBLE CAPOT AVANT

(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) **POLZ, Andreas** [DE/DE]; Liebfrauenstrasse 59, 45881 Gelsenkirchen (DE). **SCHNEPPENHEIM, Jörg** [DE/DE]; Hoerweg Strasse 21A, 82110 Germering (DE). **SCHLEGEL, Peter** [DE/DE]; Zur Waldkampfbahn 41, 42327 Wuppertal (DE).

(74) **BONNEKAMP, Horst**; Bankstrasse 1, 40476 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **B62D 25/12**

(11) **WO 00/69704** (13) A2

(21) PCT/DE00/01598

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 107.3 **17 May/mai 1999** DE  
(17.05.1999)

(30) 199 48 461.9 **8 Oct/oct 1999** DE  
(08.10.1999)

(30) 199 48 460.0 **8 Oct/oct 1999** DE  
(08.10.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FRONT HOOD ASSEMBLY  
• ENSEMBLE CAPOT AVANT

(71) **EDSCHA AG** [DE/DE]; Hohenhagener Strasse 26-28, D-42855 Remscheid (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POLZ, Andreas** [DE/DE]; Liebfrauenstrasse 59, D-45881 Gelsenkirchen (DE). **SCHLEGEL, Peter** [DE/DE]; Zur Waldkampfbahn 41, D-42327 Wuppertal (DE). **SCHNEPPENHEIM, Jörg** [DE/DE]; Hoerwegstrasse 21A, D-82110 Germering (DE).

(74) **BONNEKAMP, Horst**; Bankstrasse 1, D-40476 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B62D 25/12, B60R 21/34**

(11) **WO 00/69705** (13) A1

(21) PCT/DE00/01599

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 107.3 **17 May/mai 1999** DE  
(17.05.1999)

(30) 199 22 455.2 **17 May/mai 1999** DE  
(17.05.1999)

(30) 199 22 454.4 **17 May/mai 1999** DE  
(17.05.1999)

(30) 199 48 459.7 **8 Oct/oct 1999** DE  
(08.10.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FRONT OPENING HOOD SYSTEM  
• SYSTEME DE CAPOT AVANT

(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) **POLZ, Andreas** [DE/DE]; Liebfrauenstrasse 59, 45881 Gelsenkirchen (DE). **SCHLEGEL, Peter** [DE/DE]; Zur Waldkampfbahn 41, 42327 Wuppertal (DE). **NADSTAWEK, Heiner** [DE/DE]; Haverkampstrasse 23, 45968 Gladbeck (DE).

(74) **BONNEKAMP, Horst**; Bankstrasse 1, 40476 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **B62D 25/12, B60R 21/34**

(11) **WO 00/69706** (13) A1

(21) PCT/DE00/01600

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 107.3 **17 May/mai 1999** DE  
(17.05.1999)

(30) 199 48 881.9 **8 Oct/oct 1999** DE  
(08.10.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FRONT HOOD ASSEMBLY  
• ENSEMBLE CAPOT AVANT

(71) **EDSCHA AG** [DE/DE]; Hohenhagener Strasse 26-28, D-42855 Remscheid (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POLZ, Andreas** [DE/DE]; Liebfrauenstrasse 59, D-45881 Gelsenkirchen (DE).

(74) **BONNEKAMP, Horst**; Bankstrasse 1, D-40476 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **B62D 25/12, B60R 21/34**

(11) **WO 00/69707** (13) A1

(21) PCT/DE00/01601

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 459.5 **17 May/mai 1999** DE  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FRONT HOOD ASSEMBLY  
• ENSEMBLE CAPOT AVANT

(71) **EDSCHA AG** [DE/DE]; Hohenhagener Strasse 26-28, D-42855 Remscheid (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POLZ, Andreas** [DE/DE]; Liebfrauenstrasse 59, D-45881 Gelsenkirchen (DE).  
**SCHLEGEL, Peter** [DE/DE]; Zur Waldkampfbahn 41, D-42327 Wuppertal (DE).  
**SCHNEPPENHEIM, Jörg** [DE/DE]; Bensberger Strasse 21, D-51375 Leverkusen (DE).

(74) **BONNEKAMP, Horst**; Bankstrasse 1, D-40476 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **B62D 25/12, B60R 21/34**

(11) **WO 00/69708** (13) A1

(21) PCT/DE00/01602

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 455.2 **17 May/mai 1999 DE (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FRONT HOOD ASSEMBLY  
• ENSEMBLE CAPOT AVANT

(71) **EDSCHA AG** [DE/DE]; Hohenhagener Strasse 26-28, D-42855 Remscheid (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POLZ, Andreas** [DE/DE]; Liebfrauenstrasse 59, D-45881 Gelsenkirchen (DE).  
**SCHLEGEL, Peter** [DE/DE]; Zur Waldkampfbahn 41, D-42327 Wuppertal (DE).  
**SCHNEPPENHEIM, Jörg** [DE/DE]; Bensberger Strasse 21, D-51375 Leverkusen (DE).

(74) **BONNEKAMP, Horst**; Bankstrasse 1, D-40476 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **B62D 25/12, B60R 21/34**

(11) **WO 00/69709** (13) A1

(21) PCT/DE00/01603

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 454.4 **17 May/mai 1999 DE (17.05.1999)**

(30) 199 22 107.3 **17 May/mai 1999 DE (17.05.1999)**

(30) 199 22 455.2 **17 May/mai 1999 DE (17.05.1999)**

(30) 199 48 460.0 **8 Oct/oct 1999 DE (08.10.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FRONT HOOD SYSTEM  
• SYSTEME DE CAPOT AVANT

(71) **EDSCHA AG** [DE/DE]; Hohenhagener Strasse 26-28, D-42855 Remscheid (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POLZ, Andreas** [DE/DE]; Liebfrauenstrasse 59, D-45881 Gelsenkirchen (DE).  
**MROWKA, Peter** [DE/DE]; Martin-Luther-Strasse 1, D-42853 Remscheid (DE).

(74) **BONNEKAMP, Horst**; Bankstrasse 1, D-40476 Düsseldorf (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>6</sup> **B62D 61/02**

(11) **WO 00/69710** (13) A1

(21) PCT/US99/10410

(22) **12 May/mai 1999 (12.05.1999)**

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PRECISION DIRECT DRIVE MECHANISM FOR A POWER ASSIST APPARATUS FOR A BICYCLE  
• MECANISME D'ENTRAINEMENT DIRECT DE PRECISION POUR APPAREIL ASSERVI POUR BICYCLETTE

(71) **CURRIE TECHNOLOGIES, INCORPORATED** [US/US]; Unit A, 7011 Hayvenhurst Avenue, Van Nuys, CA 91406 (US).

(72) **MAYER, Richard, A.**; 28371 Robin Avenue, Saugus, CA 91350 (US).  
**CURRIE, Malcolm, R.**; 28780 Wagon Road, Agoura Hills, CA 91301 (US).

(74) **MUNRO, Jack, C.**; Suite 225, 28720 Roadside Drive, Agoura Hills, CA 91301 (US).

(81) AT AU BR CA CH CN DE DK ES GB ID IL IN JP KR MX NO NZ PL PT RU SE SG TR; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (a)

(51)<sup>7</sup> **B62K 23/04**

(11) **WO 00/69711** (13) A1

(21) PCT/EP00/03156

(22) **8 Apr/avr 2000 (08.04.2000)**

(25) de (26) de

(30) 199 22 327.0 **14 May/mai 1999 DE (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CLOSURE MEMBER FOR AN OPENING IN AN ASSEMBLY, SITUATED ON A BICYCLE GEAR BOX  
• ELEMENT DE FERMETURE POUR UNE OUVERTURE DE MONTAGE SITUEE SUR UN COMMUTEUR POUR BICYCLETTE

(71) **SRAM DEUTSCHLAND GMBH** [DE/DE]; Postfach 14 61, D-97404 Schweinfurt (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WESSEL, Robert** [DE/DE]; Schiestlstrasse 7, D-97080 Würzburg (DE).

(81) CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B62L 3/02, B62K 23/02**

(11) **WO 00/69712** (13) A1

(21) PCT/IT00/00190

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) MI99A001076 **17 May/mai 1999 IT (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SAFETY DEVICE FOR RACING BICYCLES PROVIDED WITH BRAKING OPERATING AERODYNAMIC SWINGING HANDLES  
• DISPOSITIF DE SURETE POUR VELO DE COURSE AVEC POIGNEES DE FREINAGE PIVOTANTES AERODYNAMIQUES

(71) **PACIFIC ELECTRONIC INSTRUMENTS S.A.** [SM/SM]; Via Fondo Ausa, 8, 47891 Dogana (SM).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PONSELE', Michèle** [IT/IT]; Via L. S. Felice, 52, I-61100 Pesaro (IT).  
**CORSI, Dario** [IT/IT]; Via Agostani, 3/4, I-61100 Pesaro (IT).  
**AGABITI, Gabriele** [IT/IT]; Via Miralfiore, 1, I-61100 Pesaro (IT).

(74) **CICOGNA, Franco**; Ufficio Internazionale Brevetti Dott. Prof. Franco Cicogna, Via Visconti di Modrone, 14/A, I-20122 Milano (IT).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL SJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **B62M 3/04, 1/02**

(11) **WO 00/69713** (13) A1

(21) PCT/AT00/00122

(22) **5 May/mai 2000 (05.05.2000)**

(25) de (26) de

(30) A 851/99 **12 May/mai 1999 AT (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PEDAL CRANK DRIVE MECHANISM FOR A BICYCLE  
• MECANISME DE MANIVELLE DE PEDALIER DESTINE A UNE BICYCLETTE

(71, 72) **HILBER, Gerhard** [AT/AT]; Taxaweg 5, A-6380 St. Johann in Tirol (AT).

(74) **HÜBSCHER, Gerhard** et al. / etc.; Spittelwiese 7, A-4020 Linz (AT).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B62M 25/02**

(11) **WO 00/69714** (13) A1

(21) PCT/EP00/03155

(22) **8 Apr/avr 2000 (08.04.2000)**

(25) de (26) de

(30) 199 22 328.9 **14 May/mai 1999 DE (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CABLE GUIDE ON A SHIFT LEVER FOR BICYCLE GEARS  
• SYSTEME DE GUIDAGE DE CABLE DANS UN ORGANE DE COMMANDE D'UN MECANISME DE CHANGEMENT DE VITESSE D'UNE BICYCLETTE

(71) **SRAM DEUTSCHLAND GMBH** [DE/DE]; Postfach 1461, D-97404 Schweinfurt (DE).

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

(72, 75) **WESSEL, Robert** [DE/DE]; Schiestlstrasse 7, D-97080 Würzburg (DE).

(74) **SRAM DEUTSCHLAND GMBH**; Postfach 1461, D-97404 Schweinfurt (DE).

(81) CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B63B 1/00**

(11) **WO 00/69715** (13) A1

(21) PCT/US00/13927

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 60/134,743 **18 May/mai 1999 US (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SEMI-DISPLACEMENT HULL  
• COQUE A SEMI-DEPLACEMENT

(71, 72) **REYNOLDS, Zachary, M.** [US/US]; 29 West El Rose Drive, Petaluma, CA 94952 (US).

(74) **LOHSE, Timothy, W.** et al. / etc.; Gray Cary Ware & Freidenrich LLP, Attn: Patent Department, 400 Hamilton Avenue, Palo Alto, CA 94301-1825 (US).

(81) AU CA IN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B63B 3/42**

(11) **WO 00/69716** (13) A1

(21) PCT/IT99/00133

(22) **13 May/mai 1999 (13.05.1999)**

(25) it (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • BEARING FOR A BOAT PROPELLER DRIVING SHAFT AND METHOD FOR ITS MANUFACTURING AND ITS FASTENING TO THE HULL  
• SUPPORT DE L'ARBRE D'HELICE D'UN BATEAU ET PROCEDE PERMETTANT DE FABRIQUER CE SUPPORT ET DE LE FIXER SUR UNE COQUE

(71) **FB DESIGN S.R.L.** [IT/IT]; Via Provinciale, 73, I-23841 Annone Brianza (IT).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUZZI, Fabio** [IT/IT]; Via Per Lecco, 1, I-23848 Oggiono (IT).

(74) **MARIETTI, Giuseppe**; Marietti e Gislone S.r.l., Via Larga, 16, I-20122 Milano (IT).

(81) AU CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B63B 43/14**

(11) **WO 00/69717** (13) A1

(21) PCT/US00/13523

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/134,503 **17 May/mai 1999 US (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MULTIPLE HULL BOAT WITH REMOVABLE DECK  
• BATEAU MULTICOQUES A PONT AMOVIBLE

(71, 72) **ROUSH, Neil, D.** [US/US]; 332 Vista Trucha, Newport Beach, CA 92660 (US).

(74) **LIN, Vic, Y.** et al. / etc.; Myers, Dawes & Andras LLP, 650 Town Center Drive, Suite 650, Costa Mesa, CA 92626 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL SJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B63C 9/04**

(11) **WO 00/69718** (13) A1

(21) PCT/AU00/00461

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) PQ 0367 **14 May/mai 1999 AU (14.05.1999)**

(30) PQ 2640 **3 Sep/sep 1999 AU (03.09.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SELF-RIGHTING INFLATABLE LIFE RAFT  
• RADEAU DE SAUVETAGE GONFLABLE A REDRESSEMENT AUTOMATIQUE

(71) **TRITECH TECHNOLOGY PTY LTD** [US/AU]; Level 14, 350 Queen Street, Melbourne, VIC 3000 (AU).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WIGGINS, Renard, Jonas** [US/AU]; 18/21 Copelen Street, South Yarra, VIC 3141 (AU).

(74) **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, VIC 3004 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **B63H 3/12, 3/00**  
 (11) **WO 00/69719** (13) A1  
 (21) PCT/SE00/00951  
 (22) **12 May/mai 2000 (12.05.2000)**  
 (25) en (26) en  
 (30) 9901821-0 **19 May/mai 1999 SE (19.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • MARINE PROPELLER WITH DETACHABLE BLADES  
 • HELICE DE NAVIRE DOTEE DE PALES AMOVIBLES  
 (71) **KAMEWA AB** [SE/SE]; P.O. Box 1010, S-681 29 Kristinehamn (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **BACSKAY, Istvan** [SE/SE]; Popelvägen 9, S-681 43 Kristinehamn (SE).  
 (74) **DR LUDWIG BRANN PATENTBYRÅ AB**; P.O. Box 17192, S-10462 Stockholm (SE).  
 (81) AU BG CN HR ID IN JP KR MX NO PL RO RU UA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).  
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- (51)<sup>7</sup> **B63H 20/06**  
 (11) **WO 00/69720** (13) A1  
 (21) PCT/CN00/00103  
 (22) **8 May/mai 2000 (08.05.2000)**  
 (25) zh (26) zh  
 (30) 99 1 06901.3 **13 May/mai 1999 CN (13.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • A METHOD OF PROPELLING SHIP BY CONTROLLED VECTOR DIRECTION OF PROPULSION  
 • PROCEDE DE PROPULSION DE NAVIRE PAR AJUSTEMENT DE LA DIRECTION DU VECTEUR DE PROPULSION  
 (71, 72) **ZHANG, Qingliu** [CN/CN]; 137# Milesi Xin Cun, Kunming City, Yunnan Province 650032 (CN).  
 (74) **CHINA PATENT AGENT (H.K.) LTD.**; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (CN).  
 (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B64C 25/42**  
 (11) **WO 00/69721** (13) A1  
 (21) PCT/US99/10754  
 (22) **14 May/mai 1999 (14.05.1999)**  
 (25) en (26) en  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • DUAL REDUNDANT ACTIVE/ACTIVE BRAKE-BY-WIRE ARCHITECTURE  
 • ARCHITECTURE DE SYSTEME DE FREINS HYDRAULIQUES A COMMANDE ELECTRIQUE ACTIF/ACTIF A DOUBLE REDONDANCE  
 (71) **HYDRO-AIRE, INC.** [US/US]; 3000 Winona Avenue, P.O. Box 7722, Burbank, CA 51510-7722 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **SALAMAT, Bijan** [US/US]; 20144 Zimmerman Place, Saugus, CA 91350 (US).  
**MACKNESS, Robert, F.** [US/US]; 11482 Dellmont Drive, Tujunga, CA 91402 (US).  
 (74) **PAUL, James, W.** et al. / etc.; Fulwider Patton Lee & Utecht, LLP, Howard Hughes Center, 6060 Center Drive, Tenth floor, Los Angeles, CA 90045 (US).  
 (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B65B 1/04, 31/00**  
 (11) **WO 00/69722** (13) A1  
 (21) PCT/US00/13481  
 (22) **17 May/mai 2000 (17.05.2000)**  
 (25) en (26) en  
 (30) 60/134,594 **17 May/mai 1999 US (17.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • REDUNDANT SEAL FOR TANK FILLER NECK CLOSURE  
 • JOINT DOUBLE POUR BOUCHONS DE GOULOT DE REMPLISSAGE DE RESERVOIRS  
 (71, 72) **FOLTZ, Dean, C.** [US/US]; 1106 Fallway Court, Shelbyville, IN 46176 (US).  
**JOBE, Jason, K.** [US/US]; 6395 West County Road 400 South, Glenwood, IN 46133 (US).  
**HARRIS, Robert, S.** [US/US]; 4675 South State Road 1, Connerville, IN 47331 (US).  
 (74) **REZEK, Richard, A.** et al. / etc.; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).  
 (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).  
 Published / Publiée : (c)
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- (51)<sup>7</sup> **B65B 35/36, B65G 47/90**  
 (11) **WO 00/69723** (13) A1  
 (21) PCT/DE00/01604  
 (22) **17 May/mai 2000 (17.05.2000)**  
 (25) de (26) de  
 (30) 199 22 676.8 **18 May/mai 1999 DE (18.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • METHOD FOR SEIZING ROWS OF BAG PACKINGS (POUCHES)  
 • PROCEDE POUR SAISIR DES RANGÉES DE SACHETS D'EMBALLAGE  
 (71) **EFFEM GMBH** [DE/DE]; Eitzer Landstrasse 215, D-27283 Verden/Aller (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **KALISCH, Peter** [DE/DE]; Schönhausenstrasse 64, D-28203 Bremen (DE).  
**PROTZ, Meinhard** [DE/DE]; Holunderstrasse 3, D-29699 Bomlitz (DE).  
**SCHÜTZ, Wolfgang** [DE/DE]; Moorstrasse 356, D-27336 Rethem/Moor (DE).  
 (74) **GODDAR, Heinz**; Boehmert & Boehmert, Hollerallee 32, D-28209 Bremen (DE).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).  
 Published / Publiée : (c)
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- (51)<sup>7</sup> **B65B 35/36, 35/38**  
 (11) **WO 00/69724** (13) A1  
 (21) PCT/SE00/00782  
 (22) **26 Apr/avr 2000 (26.04.2000)**  
 (25) sv (26) en  
 (30) 9901555-4 **30 Apr/avr 1999 SE (30.04.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • METHOD AND ARRANGEMENT FOR TRANSFERRING PACKAGING CONTAINERS FROM A FIRST UNIT TO A SECOND UNIT  
 • PROCEDE ET DISPOSITIF DE TRANSFERT DE RECIPIENT D'EMBALLAGE D'UNE PREMIERE UNITE A UNE SECONDE UNITE  
 (71) **NORDEN PAC DEVELOPMENT AB** [SE/SE]; P.O. Box 845, S-391 28 Kalmar (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*



(72, 75) **LINNÉR, Hans** [SE/SE]; Jutnabevägen 15, S-392 36 Kalmar (SE).  
**NILSSON, Jan** [SE/SE]; Unionsgatan 8, S-392 33 Kalmar (SE).

(74) **ANDERSSON, Per** et al. / etc.; Albihns Patentbyrå Göteborg AB, P.O. Box 142, S-401 22 Göteborg (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B65B 51/10, 7/28**

(11) **WO 00/69725** (13) A1

(21) PCT/JP00/03021

(22) **10 May/mai 2000 (10.05.2000)**

(25) ja (26) ja

(30) 11/137025 **18 May/mai 1999 JP (18.05.1999)**

(30) 2000/113549 **14 Apr/avr 2000 JP (14.04.2000)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● PACKAGING METHOD AND PACKAGING APPARATUS  
● PROCEDE ET APPAREIL D'EMBALLAGE

(71) **ISHIDA CO., LTD.** [JP/JP]; 44, Sanno-cho, Shogoin, Sakyo-ku, Kyoto-shi, Kyoto 606-8392 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OHSHTA, Minoru** [JP/JP]; Ishida Co., Ltd. Shiga Integrated Facility, 959-1, Shimomagari, Ritto-cho, Kurita-gun, Shiga 520-3026 (JP). **OGURI, Toshio** [JP/JP]; Ishida Co., Ltd. Shiga Integrated Facility, 959-1, Shimomagari, Ritto-cho, Kurita-gun, Shiga 520-3026 (JP). **KAWANISHI, Norio** [JP/JP]; Ishida Co., Ltd. Shiga Integrated Facility, 959-1, Shimomagari, Ritto-cho, Kurita-gun, Shiga 520-3026 (JP).

(74) **ONO, Yukio**; Ohtemae Century Bldg., 5-13, Katamachi 1-chome, Miyakojima-ku, Osaka-shi, Osaka 534-0025 (JP).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B65D**

(11) **WO 00/69726** (13) A2

(21) PCT/AT00/00133

(22) **16 May/mai 2000 (16.05.2000)**

(25) de (26) de

(30) 11/135224 **17 May/mai 1999 JP (17.05.1999)**

(30) A 113/2000 **26 Jan/jan 2000 AT (26.01.2000)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHOD AND DEVICE FOR FORMING A CORNER LIMITED ON THREE SIDES, FROM A PLATE-SHAPED MATERIAL WITH AN EVEN SURFACE

● PROCEDE ET DISPOSITIF POUR LA FORMATION D'UN COIN LIMITE SUR TROIS COTES A PARTIR D'UN MATERIAU EN FORME DE PLAQUE ET A SURFACE PLANE

(71) "**ACF**" **ENGINEERING & AUTOMATION GMBH** [AT/AT]; Christkindweg 35, A-4400 Steyr (AT).

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

(72, 75) **HAMETNER, Markus** [AT/AT]; Einfeldstrasse 6, A-4481 Asten (AT).

(74) **SECKLEHNER, Günter**; Pyhrnstrasse 1, A-8940 Liezen (AT).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B65D**

(11) **WO 00/69727** (13) A2

(21) PCT/CA00/00545

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) PCT/CA99/00400 **13 May/mai 1999 CA (13.05.1999)**

(30) 09/401,314 **23 Sep/sep 1999 US (23.09.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● INDIVIDUAL BEVERAGE CARTON WITH A STRAW THEREIN AND A METHOD OF MANUFACTURE  
● CARTON A BOISSONS INDIVIDUEL AVEC PAILLE INTEGREE ET SON PROCEDE DE FABRICATION

(71) **SNAPPULL TECHNOLOGIES INC.** [CA/CA]; 21 Fortecon Road, Gormley, Ontario L0H 1G0 (CA).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAUGHTON, Keith, Louis** [CA/CA]; 760 Quebec Street, Midland, Ontario L4R 1E8 (CA). **HAUGHTON, Glenn, Wallace**

[CA/CA]; Suite 414, 75 Broadway Avenue, Toronto, Ontario M4P 1V1 (CA). **HILLAR, Peter, Christopher, Michael** [CA/CA]; 4129 Jesse Thomson Road, Stouffville, Ontario L4A 7X5 (CA).

(74) **HILL & SCHUMACHER**; Suite 802, 335 Bay Street, Toronto, Ontario M5H 2R3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B65D**

(11) **WO 00/69728** (13) A2

(21) PCT/GB00/01786

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 9911332.6 **17 May/mai 1999 GB (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● FOOD CONTAINER  
● RECIPIENT D'ALIMENTS

(71, 72) **BARNES, Susan, Marie** [GB/GB]; 1 Edmund Road, Chafford Hundred, Essex RM16 6HA (GB).

(74) **GILLAM, Francis, Cyril** et al. / etc.; Sanderson & Co., 34 East Stockwell Street, Colchester, Essex C01 1ST (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B65D**

(11) **WO 00/69729** (13) A2

(21) PCT/US99/21845

(22) **4 Jan/jan 2000 (04.01.2000)**

(25) en (26) en

(30) 29/102,633 **29 Mar/mar 1999 US (29.03.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● OPEN TOP SPRAYER  
● PULVERISATEUR OUVERT

- (71) **CHAPIN MANUFACTURING, INC.** [US/US]; 700 Ellicott Street, P.O. Box 549, Batavia, NY 14021-0549 (US).
- (72) **SPRIEGEL, Clark, F.**; 50 Bunnell Street, Attica, NY 14011 (US).
- (74) **FITZGERALD, Thomas, R.**; Jaeckle Fleischmann & Mugel, LLP, 39 State Street, Rochester, NY 14614-1310 (US).
- (81) BR JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>6</sup> **B65D 5/70**
- (11) **WO 00/69730** (13) A1
- (21) PCT/US99/10352
- (22) **12 May/mai 1999 (12.05.1999)**
- (25) en (26) en
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● TOP FILL CARTON WITH FRESHNESS SEAL AND IMPROVED OPENING AND RE-CLOSING FEATURES
- BOITE PLIANTE A REMPLISSAGE PAR LE HAUT AVEC OPERCULE ET ACCESSOIRES D'OUVERTURE ET DE FERMETURE AMELIORES
- (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) **HÖFTE, Paulus, Antonius, Augustinus** [NL/BE]; Kortrijksesteenweg 20, B-9830 St. Martens Latem (BE).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) BR CA CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **B65D 5/72, 25/52**
- (11) **WO 00/69731** (13) A1
- (21) PCT/JP00/03053
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) ja (26) ja
- (30) 11/134331 **14 May/mai 1999 JP (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● WRAP FILM SUPPLIER
- DISTRIBUTEUR DE FILM ENROULE
- (71, 72) **TAKAYAMA, Yoshikazu** [JP/JP]; 19-5, Otsuka 5-chome, Bunkyo-ku, Tokyo 112-0012 (JP).
- (74) **TANABE, Shigemoto**; Green-Fantasia Building, 5th Floor, 11-11-508, Jingumae 1-chome, Shibuya-Ku, Tokyo 150-0001 (JP).
- (81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)<sup>7</sup> **B65D 5/74**
- (11) **WO 00/69732** (13) A1
- (21) PCT/US00/13580
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 99/3398 **18 May/mai 1999 ZA (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● POURER DEVICE
- DISPOSITIF VERSEUR
- (71) **VALID L.L.C.** [US/US]; 31 Hayward Street, P.O. Box 645, Franklin, MA 02038 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CAPELL, Trevor, Neville** [ZA/ZA]; 22 Miller Street, 3290 Howick (ZA).
- (74) **VOLPE, Anthony, S.** et al. / etc.; Volpe and Koenig, P.C., Suite 400, One Penn Center, 1617 John F. Kennedy Boulevard, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **B65D 17/32**
- (11) **WO 00/69733** (13) A1
- (21) PCT/IB00/00365
- (22) **28 Mar/mar 2000 (28.03.2000)**
- (25) en (26) en
- (30) RN99A000013 **14 May/mai 1999 IT (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● A TEAR-OFF DEVICE FOR OPENING DRINK CANS
- DISPOSITIF A DECHIRER PERMETTANT D'OUVRIR DES CANETTES DE BOISSON
- (71, 72) **CAVALLO, Vincenzo** [IT/IT]; Via Gabelli, 14, I-47900 Rimini (IT).
- (74) **NARDI, Maurizio**; Bugnion S.p.A., Via Cairoli, 107, I-47900 Rimini (IT).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **B65D 17/34**
- (11) **WO 00/69734** (13) A1
- (21) PCT/US00/13400
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 09/312,836 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● DOUBLE GROOVE BEVERAGE CAN LID
- COUVERCLE DE BOITE DE BOISSON A DOUBLE RAINURES
- (71, 72) **CHANG, Charles** [US/US]; 55 Westview Avenue, Wayne, NJ 07404 (US).  
**CHANG, Lucy** [US/US]; 55 Westview Avenue, Wayne, NJ 07404 (US).
- (74) **JOEL, Richard, A.**; Joel + Joel, LLP, 496 Kinderkamack Road, Oradell, NJ 07649 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B65D 17/34**
- (11) **WO 00/69735** (13) A1
- (21) PCT/US00/13447
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 09/312,837 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● BEVERAGE CAN LID WITH EASY OPENING FEATURE
- COUVERCLE DE BOITE DE BOISSON A OUVERTURE FACILE
- (71, 72) **CHANG, Charles** [US/US]; 55 Westview Avenue, Wayne, NJ 07404 (US).  
**CHANG, Lucy** [US/US]; 55 Westview Avenue, Wayne, NJ 07404 (US).
- (74) **JOEL, Richard, A.**; Joel + Joel, LLP, 496 Kinderkamack Road, Oradell, NJ 07649 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D 25/28

(11) WO 00/69736 (13) A1

(21) PCT/GB99/01554

(22) 17 May/mai 1999 (17.05.1999)

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A LOBED COLLAR FOR CARRYING DISPOSABLE CUPS

• SUPPORT A OREILLES SERVANT A RETENIR DES GOBELETS JETABLES

(71) THE GREEN HAT COMPANY LIMITED [GB/GB]; Larch House, Sulhamstead, Berkshire RG7 4BB (GB).

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

(72, 75) PERRY, Anthony [GB/GB]; Hurst Farm Barn, Tally Ho Corner, Woodchurch Road, Shadoxhurst, Kent TN26 1LE (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D 25/28

(11) WO 00/69737 (13) A1

(21) PCT/US00/12540

(22) 8 May/mai 2000 (08.05.2000)

(25) en (26) en

(30) 09/312,244 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • VENTED CONTAINER WITH HANDLES AND EMBOSSEMENT

• RECIPIENT VENTILE AVEC POIGNEE COMPORANT UN ENFONCEMENT

(71) PACTIV CORPORATION [US/US]; 1900 W. Field Court, Lake Forest, IL 60045 (US).

(72) MANGLA, Raj, K.; 101 Caversham Woods, Pittsford, NY 14534 (US). DEL-LINGER, J., Scott; 1118 Johnson Dr. Apt. 3433, Buffalo Grove, IL 60089 (US). ERICKSON, Mark, A.; 91 Stable Way, Lindenhurst, IL 60046 (US). HAYES, Thomas, J.; 28223 W. Ridge Road, McHenry, IL 60050 (US). MASLACH, Suzanne, R.; 50 Sunset Boulevard, Pittsford, NY 14534 (US). SPENCER, Mark, E.; 269 S. Ridge Drive, Gurnee, IL 60031 (US).

(74) BLANKSTEIN, Michael; Jenkins &amp; Gilchrist, 1445 Ross Avenue, Suite 3200, Dallas, TX 75202-2799 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D 33/00, 33/06, 33/16 // 77/12, 51/04

(11) WO 00/69738 (13) A1

(21) PCT/SE99/00844

(22) 18 May/mai 1999 (18.05.1999)

(25) sv (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • BAG HANDLING DEVICE

• DISPOSITIF DE MANIPULATION D'UN SAC

(71, 72) ENGLUND, Mats [SE/SE]; Urdavägen 18, S-182 54 Djursholm (SE).

(74) SUNDSTRÖM, Per et al. / etc.; Stenhagen Patentbyrå AB, P.O. Box 4630, S-116 91 Stockholm (SE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D 41/00

(11) WO 00/69739 (13) A1

(21) PCT/US99/12944

(22) 11 Jun/juin 1999 (11.06.1999)

(25) en (26) en

(30) 09/313,864 18 May/mai 1999 US (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • IMPROVED SPECIMEN CONTAINER

• MODELE AMELIORE DE RECIPIENT A PRELEVEMENTS

(71) STICKSAFE LLC [US/US]; 465 Ware Street, Mansfield, MA 02048 (US).

(74) DINGMAN, Brian, M.; Nields, Lemack &amp; Dingman, Suite 8, 176 East Main Street, Westborough, MA 01581 (US).

(81) AU CA CN JP ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> B65D 41/06, 41/08

(11) WO 00/69740 (13) A1

(21) PCT/US00/12861

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 60/187,460 13 May/mai 1999 US (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • LOCKING HELICAL CLOSURE SYSTEM

• SYSTEME DE FERMETURE HELICOIDALE A VERROUILLAGE

(71) COMAR, INC. [US/US]; One Comar Place, Buena, NJ 08310 (US).

(72) ZIELINSKI, Peter, M.; 814 Woodland Drive, Millville, NJ 08332 (US).

(74) RENZ, Eugene, E., Jr.; Eugene E. Renz, Jr. P.C., P.O. Box 2056, 205 North Monroe Street, Media, PA 19063-9056 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D 45/32, 43/04

(11) WO 00/69741 (13) A1

(21) PCT/GB00/01765

(22) 9 May/mai 2000 (09.05.2000)

(25) en (26) en

(30) 9911063.7 12 May/mai 1999 GB (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CONTAINER CLOSURE

• DISPOSITIF DE FERMETURE DE RECIPIENT

(71, 72) SHOWERING, Francis [GB/GB]; The House on the Shore, Thorns Beach, Beaulieu, Brockenhurst, Hampshire SO42 7XN (GB).

(74) HOLMES, Miles, Keeton; D. Young &amp; Co., 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> **B65D 51/14, 41/34**
- (11) **WO 00/69742** (13) A1
- (21) PCT/US00/10023
- (22) **13 Apr/avr 2000 (13.04.2000)**
- (25) en (26) en
- (30) 09/314,507 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • VENTED COMPOSITE CLOSURE  
• FERMETURE AEREE COMPOSITE
- (71) **CROWN CORK & SEAL TECHNOLOGIES CORPORATION** [US/US]; 11535 South Central Avenue, Alsip, IL 60803 (US). **ABBOTT LABORATORIES** [US/US]; Dept. 377, Bldg. AP6D, 100 Abbott Park Road, Abbott Park, IL 60064 (US).
- (72) **GERMAN, Galen**; 1184 Muirwood Drive, Lancaster, OH 43130 (US). **VANDEWALLE, Thomas, A.**; 2707 Ione Court, West Worthington, OH 43235 (US). **WAN, Min, Miles**; 1906 Maple Glen Drive, Plainsfield, IL 60544 (US).
- (74) **HEIST, Dale, M.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, One Liberty Place, 46th Floor, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> **B65D 63/00, B21F 9/02, F16L 3/08**
- (11) **WO 00/69744** (13) A1
- (21) PCT/US00/12991
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,149 **14 May/mai 1999 US (14.05.1999)**
- (30) 60/143,863 **15 Jul/juil 1999 US (15.07.1999)**
- (30) 60/144,504 **19 Jul/juil 1999 US (19.07.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CABLE TIE AND CABLE TIE INSTALLATION TOOL  
• LIGATURE DE CABLE ET OUTIL DE MISE EN PLACE DE LIGATURE DE CABLE
- (71) **AVERY DENNISON CORPORATION** [US/US]; 150 North Orange Grove Boulevard, Pasadena, CA 91103 (US).
- (72) **DESCHENES, Charles, L.**; 27 Norton Road, North Attleboro, MA 02760 (US). **FRANKS, John, R.**; 5 North Mill Street, Hopkinton, MA 01748 (US). **DAVIGNON, Paul, A.**; 77 Fisher Street, Uxbridge, MA 01569 (US).
- (74) **KRIEGSMAN, Irving, M.** et al. / etc.; Kriegsman & Kriegsman, 883 Edgell Road, Framingham, MA 01701 (US).
- (81) CA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **B65D 51/18, 23/00, 39/00**
- (11) **WO 00/69743** (13) A1
- (21) PCT/IL00/00273
- (22) **14 May/mai 2000 (14.05.2000)**
- (25) en (26) en
- (30) 129981 **16 May/mai 1999 IL (16.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CONTAINER FOR LIQUID BEVERAGES  
• RECIPIENT POUR BOISSONS LIQUIDES
- (71, 72) **BARZILAY, Zachi** [IL/IL]; Hadar Street 30, 46290 Herzlia (IL). **TAMARI, Yaacov** [IL/IL]; Sheshet Hayamim Street 11/4, 67295 Tel Aviv (IL).
- (74) **G.E. EHRlich (1995) LTD.**; 28 Bezalel Street, 52521 Ramat Gan (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (74) **FRUCHARD, Guy** et al. / etc.; Cabinet Boettcher, 22, rue du Général Foy, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B65D 79/00**
- (11) **WO 00/69746** (13) A1
- (21) PCT/GB00/01704
- (22) **5 May/mai 2000 (05.05.2000)**
- (25) en (26) en
- (30) 99303837.1 **18 May/mai 1999 EP (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • BEVERAGE CONTAINER  
• RECIPIENT A BOISSON
- (71) **WHITBREAD PLC** [GB/GB]; Chiswell Street, London EC1Y 4SD (GB). **A L GROUP WHEATON FIBRENYL-SUTTON** [GB/GB]; Forest Works, Sutton-in-Ashfield, Nottinghamshire NG17 5LH (GB). **HEINEKEN TECHNICAL SERVICES B.V.** [NL/NL]; 2e Weteringplantsoen 21, NL-1017 ZD Amsterdam (NL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MONDSZEIN, Karl** [GB/GB]; Top Loft, 7 West Bank Lea, Mansfield, Nottinghamshire NG19 7BY (GB). **RADFORD, Mark, Philip** [GB/GB]; Priory House, Silsoe Road, Wardedges, Flitton, Bedfordshire MK45 5EE (GB). **GASTALL, Sian, Bronwyn** [GB/GB]; 46 High Street, Toddington, Bedfordshire LU5 6BY (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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **B65D 81/03**
- (11) **WO 00/69747** (13) A1
- (21) PCT/EP00/04502
- (25) fr (26) fr
- (30) 99/06068 **12 May/mai 1999 FR (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TRAPEZOIDAL FLEXIBLE POUCH  
• POCHE SOUPLE TRAPEZOIDALE
- (71, 72) **RELECOM, Marie-Noëlle** [FR/FR]; 64, rue Pasteur, F-94800 Villejuif (FR).

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) VE99A000023 18 May/mai 1999 IT  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FLEXIBLE WRAP, PARTICULARLY FOR PACKAGING, AND METHOD FOR ITS PRODUCTION

- MATERIAU D'ENVELOPPAGE FLEXIBLE, PARTICULIEREMENT POUR L'EMBALLAGE, ET PROCEDE D'ELABORATION

(71, 72) **TRANI, Giorgio** [IT/IT]; Giudecca, 671, I-30100 Venezia (IT).(72, 75) **STERNER, Marion** [DE/IT]; Castello, 6614, I-30123 Venezia (IT). **MANFRE', Giovanni** [IT/IT]; Via Vicenza, 11, I-37042 Caldiero (IT).(74) **PIOVESANA, Paolo**; Corso del Popolo, 70, I-30172 Venezia Mestre (IT).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B65D 81/18, 51/16, F25D 5/02

(11) WO 00/69748 (13) A1

(21) PCT/GB00/01865

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 9910984.5 13 May/mai 1999 GB  
(13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SELF-HEATING OR SELF-COOLING CONTAINERS

- RECIPIENTS AUTO-CHAUFFANTS OU AUTO-REFROIDISSANTS

(71) **THERMOTIC DEVELOPMENTS LIMITED** [GB/GB]; 74 High Street, Bruton, Somerset BA10 0AJ (GB).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **SEARLE, Matthew, John** [GB/GB]; 74 High Street, Bruton, Somerset BA10 0AJ (GB). **RICHARDSON, Robert, Neil** [GB/GB]; Brackendale, Sway Road, Brockenhurst, Hampshire SO42 7SG (GB).(74) **NEEDLE, Jacqueline**; W.H. Beck, Greener & Co., 7 Stone Buildings, Lincoln's Inn, London WC2A 3SZ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D 81/20, 81/34, C08G 67/02

(11) WO 00/69749 (13) A1

(21) PCT/GB00/01274

(22) 5 Apr/avr 2000 (05.04.2000)

(25) en (26) en

(30) 9911560.2 18 May/mai 1999 GB  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PACKAGING CONTAINING GOODS UNDER INERT GAS COMPRISING AT LEAST ONE PLAYER OF POLYKETONE

- EMBALLAGE CONTENANT DES PRODUITS DANS UN MILIEU DE GAZ INERTE COMPRENANT AU MOINS UNE COUCHE DE POLYCESTONE

(71) **BP CHEMICALS LIMITED** [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **POWELL, Anthony, Keith** [GB/GB]; 75 Avalon Gardens, Linlithgow Bridge, Linlithgow, West Lothian EH49 7PL (GB).(74) **COLLINS, Frances, Mary**; BP International Limited, Patents & Agreements, Chertsey Road, Sunbury-on-Thames, Middlesex TW16 7LN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D 81/26

(11) WO 00/69750 (13) A1

(21) PCT/EP00/04256

(22) 11 May/mai 2000 (11.05.2000)

(25) de (26) de

(30) 199 22 065.4 14 May/mai 1999 DE  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FILM, ESPECIALLY FOR PACKAGING PURPOSES, AND PACKAGING

- FILM, UTILISE EN PARTICULIER A DES FINS D'EMBALLAGE, ET EMBALLAGE AINSI OBTENU

(71, 72) **GRÖNE, Horst-Ditmar** [DE/DE]; Klint 2a, D-28790 Schwanewede (DE).(74) **ANDRES, Mark**; Eisenführ, Speiser & Partner, Martinstrasse 24, D-28195 Bremen (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B65D 81/32

(11) WO 00/69751 (13) A1

(21) PCT/US00/12555

(22) 9 May/mai 2000 (09.05.2000)

(25) en (26) en

(30) 09/314,726 18 May/mai 1999 US  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MECHANICAL TWIST-DISPENSER

- DISTRIBUTEUR A TORSION MECANIQUE

(71) **COLOR ACCESS, INC.** [US/US]; 7 Corporate Center Drive, Melville, NY 11747 (US).(72) **THAYER, Jonathan**; 7435 Boulevard East, North Bergen, NJ 07047 (US).(74) **TSEVDOS, Estelle, J.**; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D 81/38

(11) WO 00/69752 (13) A2

(21) PCT/US00/13137

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

- (30) 60/134,277 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● PIZZA DELIVERY BAGS AND METHODS  
● SACOCHES DE LIVRAISON DE PIZZA ET PROCEDES ASSOCIES
- (71) **PIZZA HUT, INC.** [US/US]; 14841 North Dallas Parkway, Dallas, TX 75240-2100 (US).
- (72) **FORRESTER, Robert**; Pizza Hut, Inc., 14841 North Dallas Parkway, Dallas, TX 75240-2100 (US). **ORTEGON, Homero**; Pizza Hut, Inc., 14841 North Dallas Parkway, Dallas, TX 75240-2100 (US).
- (74) **HIENZ, William, M., III** et al. / etc.; Patterson, Thuente & Skaar, P.A., 4800 IDS Center, 80 South 8th Street, Minneapolis, MN 55402-2100 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (b)
- (51)<sup>7</sup> **B65D 83/16**
- (11) **WO 00/69754** (13) A1
- (21) PCT/FR00/01319
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) fr (26) fr
- (30) 99/06195 **17 May/mai 1999** FR  
(17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● DISPENSER FITTED WITH AN OUTER FRAME  
● DISTRIBUTEUR A FRETTE D'HABILLAGE
- (71) **VALOIS S.A.** [FR/FR]; B.P. G, Le Prieuré, F-27110 Le Neubourg (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DE POU, Olivier** [FR/FR]; 32, rue de la Clef, F-75005 Paris (FR).
- (74) **CAPRI SARL**; 94, avenue Mozart, F-75016 Paris (FR).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **B65D 83/14**
- (11) **WO 00/69753** (13) A1
- (21) PCT/US00/13004
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/312,133 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● AEROSOL VALVE ASSEMBLY FOR SPRAYING VISCOUS MATERIALS OR MATERIALS WITH LARGE PARTICULATES  
● CLAPET COMPLET D'AEROSOL DE PULVERISATION DE MATIERES VISQUEUSES OU DE MATIERES A GROSSES PARTICULES
- (71) **SPRAYTEX, INC.** [US/US]; 23679 Calabasas Road -#510, Calabasas, CA 91302 (US).
- (72) **WOODS, John, R.**; 28430 West Witherspoon Parkway, Building C, Valencia, CA 91355 (US).
- (74) **WISSE, Roger, R.** et al. / etc.; Pillsbury Madison & Suto, 725 South Figueroa Street, Suite 1200, Los Angeles, CA 90017 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> **B65D 88/52**
- (11) **WO 00/69756** (13) A1
- (21) PCT/GB00/01820
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) GB9911097.5 **12 May/mai 1999** GB  
(12.05.1999)
- (30) gb9911483.7 **17 May/mai 1999** GB  
(17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ADJUSTABLE POST FOR CONTAINER  
● MONTANT REGLABLE POUR CONTENEUR
- (71, 72) **CLIVE-SMITH, Martin** [GB/GB]; Wootton Paddox, Leek Wootton, Warwickshire CV35 7QX (GB).
- (74) **TILLBROOK, Christopher, John**; 1 Mill Street, Warwick CV34 4HB (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> **B65F 3/00, 3/20**
- (11) **WO 00/69757** (13) A1
- (21) PCT/DE00/01472
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) de (26) de
- (30) 199 21 699.1 **12 May/mai 1999** DE  
(12.05.1999)
- (30) 199 46 265.8 **27 Sep/sep 1999** DE  
(27.09.1999)
- (30) 199 61 904.2 **20 Dec/déc 1999** DE  
(20.12.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● REFUSE COLLECTING AND TRANSPORTING SYSTEM
- (71) **MANZELLA, Giovanni**; Ing. Giovanni Manzella, Via Saragozza, 220, I-40135 Bologna (IT).

- SYSTEME DE COLLECTE ET DE TRANSPORT DE DECHETS MENAGERS

(71, 72) **SCHILLER, Rolf** [DE/DE]; Linzgausstrasse 31, D-88212 Ravensburg (DE).

(74) **OTTEN, Herbert** et al. / etc.; Karlstrasse 8, D-88212 Ravensburg (DE).

(81) AU CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B65G**

(11) **WO 00/69758** (13) A2

(21) PCT/DE00/01465

(22) **10 May/mai 2000 (10.05.2000)**

(25) de (26) de

(30) 199 21 931.1 **12 May/mai 1999 DE (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

- FEEDING DEVICE FOR PHARMACEUTICAL PRODUCTS
- DISPOSITIF D'ACHEMINEMENT DE PRODUITS PHARMACEUTIQUES

(71) **ROBERT BOSCH GMBH** [US/US]; Postfach 30 02 20, D-70442 Stuttgart (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WURST, Reiner** [DE/DE]; Adlerstrasse 11, D-71549 Auenwald (DE). **RUNFT, Werner** [DE/DE]; Bildackerstrasse 11, D-71364 Winnenden (DE).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B65G 15/00**

(11) **WO 00/69759** (13) A1

(21) PCT/GB00/01862

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 9911010.8 **13 May/mai 1999 GB (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

- ADVERTISING INDICIA ON A CONVEYOR BELT
- INSCRIPTIONS PUBLICITAIRES SUR UNE BANDE TRANSPORTEUSE

(71) **MARKET IDEAS LIMITED** [GB/GB]; 16 Deepdale Avenue, Carlton, Blackpool FY6 7NS (GB).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PAYNE, John, Michael** [GB/GB]; Southgate House, High Street, Maxey, Peterborough PE6 9EE (GB).

(74) **KEITH W NASH & CO**; 90-92 Regent Street, Cambridge CB2 1DP (GB).

(81) CA GB US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B65G 47/08, 57/00, B65B 35/30**

(11) **WO 00/69760** (13) A1

(21) PCT/EP00/04472

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 299 08 766.2 **18 May/mai 1999 DE (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

- METHOD AND DEVICE FOR HANDLING BOTTLES

- PROCEDE ET DISPOSITIF POUR TRAITER DES BOUTEILLES

(71) **CERTUS MASCHINENBAU GMBH** [DE/DE]; Röntgenstrasse 1-5, D-86316 Friedberg (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIRSCHEK, Herwig** [DE/DE]; Keplerstrasse 3a, D-86399 Bobingen (DE).

(74) **ERNICKE, Hans-Dieter** et al. / etc.; Schwibbogenplatz 2b, D-86153 Augsburg (DE).

(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **B65G 49/07**

(11) **WO 00/69761** (13) A1

(21) PCT/US00/13083

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 09/313,945 **18 May/mai 1999 US (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

- CASSETTE BUFFERING WITHIN A MINIENVIRONMENT

- MISE EN MEMOIRE TAMPON DE CASSETTES DANS UN MINI-ENVIRONNEMENT

(71) **ASYST TECHNOLOGIES, INC.** [US/US]; 48761 Kato Road, Fremont, CA 94538 (US).

(72) **BONORA, Anthony, C.**; 300 Felton Drive, Menlo Park, CA 94025 (US). **FOSNIGHT, William, J.**; 5300 Kite Tail Drive, Austin, TX 78730 (US). **SHENK, Joshua, W.**; 2325 Rodeo Drive, Austin, TX 78727 (US).

(74) **MILLER, Mark, E.** et al. / etc.; Fliesler Dubb Meyer and Lovejoy LLP, Suite 400, Four Embarcadero Center, San Francisco, CA 94111-4156 (US).

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

(51)<sup>7</sup> **B65G 59/00, E04H 3/00**

(11) **WO 00/69762** (13) A1

(21) PCT/US00/05377

(22) **2 Mar/mar 2000 (02.03.2000)**

(25) en (26) en

(30) 09/311,078 **13 May/mai 1999 US (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

- PNEUMATIC PRODUCT VENDING SYSTEM AND PRODUCT LOADER

- SYSTEME DISTRIBUTEUR DE PRODUITS PNEUMATIQUE ET CHARGEUR DE PRODUITS

(71) **L & P PROPERTY MANAGEMENT COMPANY** [US/US]; 4095 Firestone Boulevard, South Gate, CA 90280 (US).

(72) **BUSTOS, Rafael, T.**; 1014 Potomac Road, Atlanta, GA 30338 (US). **HOWARD, John**; 64 Lynwood Court, Temple, GA 30179 (US).

(74) **JORDAN, Joseph, R.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B65H 18/04**

(11) **WO 00/69763** (13) A1

(21) PCT/JP00/03088

(22) **12 May/mai 2000 (12.05.2000)**

(25) ja (26) ja

(30) 11/3337 U **17 May/mai 1999 JP (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

- WINDING CORE FIXING DEVICE

- DISPOSITIF DE FIXATION D'UN NOYAU D'ENROULEMENTS

(71) **NISHIMURA SEISAKUSHO CO., LTD.** [JP/JP]; 21, Minami Nawashiro-cho, Kamitoba, Minami-ku, Kyoto-shi, Kyoto 601-8113 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YABUNO, Mitoshi** [JP/JP]; Nishimura Seisakusho Co., Ltd., 21, Minami Nawashiro-cho, Kamitoba, Minami-ku, Kyoto-shi Kyoto 601-8113 (JP).

(74) **TAKEISHI, Yasuhiko** et al. / etc.; Minoru Patent Agency, Chiyoda Seimei Kyoto Oike Building 8F, 200, Takamiya-cho, Oike-dori Takakura Nishi-iru, Nakagyo-ku, Kyoto-shi, Kyoto 604-0835 (JP).

(81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B65H 27/00, 20/02**

(11) **WO 00/69764** (13) A1

(21) PCT/CH00/00256

(22) **9 May/mai 2000 (09.05.2000)**

(25) de (26) de

(30) 99810423.6 **12 May/mai 1999 EP (12.05.1999)**

(30) 2263/99 **9 Dec/déc 1999 CH (09.12.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DEVICE FOR PROCESSING STRIPS OF FORMS  
• DISPOSITIF DE TRAITEMENT D'UNE BANDE DE FORMULAIRES

(71) **KERN AG** [CH/CH]; Hünigenstrasse 16, CH-3510 Konolfingen (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KERN, Peter** [CH/CH]; Alpenweg 16, CH-3672 Oberdiesbach (CH).

(74) **RITSCHER, Thomas**; Ritscher & Seifert, Postfach, Forchstrasse 452, CH-8029 Zürich (CH).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B66B 3/00, 1/34**

(11) **WO 00/69765** (13) A1

(21) PCT/US00/13305

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 99/062209 **17 May/mai 1999 FR (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • USER-ELEVATOR INTERACTIVE INPUT DEVICE  
• UNITE D'ENTREE INTERACTIVE POUR CABINE D'ASCENSEUR

(71) **OTIS ELEVATOR COMPANY** [US/US]; Snyder, Troxell, K., 10 Farm Springs Road, Farmington, CT 06032-2568 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORIN, Laurent** [FR/FR]; 35, rue Paul Painlevé, F-45120 Chalette (FR).

(74) **SNYDER, Troxell, K.**; Otis Elevator Company, 10 Farm Springs Road, Farmington, CT 06032 (US).

(81) CN DE GB JP US.

(51)<sup>6</sup> **B66B 25/00, 29/00, 31/00**

(11) **WO 00/69766** (13) A1

(21) PCT/JP99/02551

(22) **17 May/mai 1999 (17.05.1999)**

(25) ja (26) ja

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CONTROLLER OF PASSENGER CONVEYOR AND PASSENGER SENSOR  
• ORGANE DE COMMANDE DE TROTTOIR ROULANT ET DETECTEUR DE PASSAGER

(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) **HARUTA, Yasumasa** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **SUGIYAMA, Yoshiki** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **NAKAMURA, Haruhiko** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **IWATA, Akio** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (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) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **B66C 19/00**

(11) **WO 00/69767** (13) A1

(21) PCT/KR00/00502

(22) **19 May/mai 2000 (19.05.2000)**

(25) ko (26) en

(30) 1999/18085 **19 May/mai 1999 KR (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • POWER TRANSFER SYSTEM OF CIRCULATING TYPE GANTRY CRANE  
• SYSTEME DE TRANSMISSION DE PUISSANCE POUR PONT ROULANT A PORTIQUE SUR RAILS

(71, 72) **HAN, Man, Yop** [KR/KR]; 304-1302 Sunkyung Apt., Inkye-dong, Paldal-gu, Suwon-city, Kyungki-do 442-070 (KR).

(74) **LEE, Young, Pil**; The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu, Seoul 137-073 (KR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B66C 19/00**

(11) **WO 00/69768** (13) A1

(21) PCT/KR00/00503

(22) **19 May/mai 2000 (19.05.2000)**

(25) ko (26) en

(30) 1999/18086 **19 May/mai 1999 KR (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • TROLLEY MOVING MECHANISM IN CIRCULATING TYPE GANTRY CRANE  
• DISPOSITIF DE DEPLACEMENT DE CHARIOT D'UN PONT ROULANT A PORTIQUE

(71, 72) **HAN, Man, Yop** [KR/KR]; 304-1302 Sunkyung Apt., Inkye-dong, Paldal-gu, Suwon-city, Kyungki-do 442-070 (KR).

(74) **LEE, Young, Pil**; The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu, Seoul 137-073 (KR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B66C 23/00, G01T 7/02**

(11) **WO 00/69769** (13) A1

(21) PCT/FR00/01326

(22) **17 May/mai 2000 (17.05.2000)**

(25) fr (26) fr

(30) 99/06286 **18 May/mai 1999 FR (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PIVOTED ARM FOR LOWERING UNDER A SLAB  
• BRAS ARTICULE A DESCENDRE SOUS UNE DALLE



(71) **COMPAGNIE GENERALE DES MATIERES NUCLEAIRES** [FR/FR]; 2, rue Paul Dautier, F-78140 Velizy-Villacoublay (FR).

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(72, 75) **KERLAU, Daniel** [FR/FR]; 1, avenue des Tilleuls, F-92200 Chatenay-Malabry (FR). **JULLIENNE, Bruno** [FR/FR]; Résidence Socrate, 7 Passage Raymond, F-92120 Montrouge (FR).

(74) **DES TERMES, Monique**; Brevatome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) DE GB JP RU UA US.

(51)<sup>7</sup> **B66C 23/70, B64F 1/31**

(11) **WO 00/69770** (13) A1

(21) PCT/AT00/00128

(22) **10 May/mai 2000 (10.05.2000)**

(25) de (26) de

(30) A 878/99 **18 May/mai 1999 AT (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **TELESCOPIC JIB FOR A MOTOR VEHICLE OR A CRANE**

• **FLECHE TELESCOPIQUE DESTINEE A UN VEHICULE OU A UN ENGIN DE LEVAGE**

(71, 72) **WINTER, Udo** [AT/AT]; Losensteinerstrasse 23, A-4020 Linz (AT). **SCHABELREITER, Johann** [AT/AT]; Kirchdorf 37, A-8132 Pernegg (AT). **MARTIN, Werner** [AT/AT]; Simchengasse 2, A-8020 Graz (AT).

(74) **HÜBSCHER, Gerhard** et al. / etc.; Spittelwiese 7, A-4020 Linz (AT).

(81) AU BR CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **B66D 3/18**

(11) **WO 00/69771** (13) A1

(21) PCT/US00/04065

(22) **17 Feb/fév 2000 (17.02.2000)**

(25) en (26) en

(30) 60/134,002 **13 May/mai 1999 US (13.05.1999)**

(30) 60/146,538 **30 Jul/juil 1999 US (30.07.1999)**

(30) 60/146,541 **30 Jul/juil 1999 US (30.07.1999)**

(30) 09/443,278 **18 Nov/nov 1999 US (18.11.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **HUMAN POWER AMPLIFIER FOR LIFTING LOAD INCLUDING APPARATUS FOR PREVENTING SLACK IN LIFTING CABLE**

• **AMPLIFICATEUR DE FORCE HUMAINE POUR LEVAGE DE CHARGES AVEC DISPOSITIF ANTI-MOU POUR L'ELINGUE**

(63) US 09/443,278 (CON) 18 Nov/nov 1999 (18.11.1999)

(71, 72) **KAZEROONI, Hamayoon** [US/US]; 2806 Ashby Avenue, Berkeley, CA 94705 (US).

(74) **STEPHENS, Eugene, S.** et al. / etc.; Eugene Stephens & Associates, 56 Windsor Street, Rochester, NY 14605 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B66F 3/12**

(11) **WO 00/69772** (13) A1

(21) PCT/ES00/00152

(22) **26 Apr/avr 2000 (26.04.2000)**

(25) es (26) es

(30) P 9901043 **17 May/mai 1999 ES (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **AUTOMOBILE LIFTING JACK**

• **CRIC DE LEVAGE DE VEHICULES**

(71) **BATZ, S. COOP.** [ES/ES]; Torrea, 32 B°, E-48140 Igorre (ES). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALVAREZ ORONOZ, Rafael** [ES/ES]; Euskal Herria Kalea, 3, E-48340 Amorebieta (ES).

(74) **TRIGO PECES, José, Ramón**; Gran Vía, 40, E-28013 Madrid (ES).

(81) BR MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **C01B 3/00**

(11) **WO 00/69773** (13) A1

(21) PCT/CA00/00488

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) en (26) en

(30) 2,271,448 **12 May/mai 1999 CA (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **ENERGY DISTRIBUTION NETWORK**  
• **RESEAU DE DISTRIBUTION D'ENERGIE**

(71) **STUART ENERGY SYSTEMS CORPORATION** [CA/CA]; 122 The West Mall, Toronto, Ontario M9C 1B9 (CA).

(72) **FAIRLIE, Matthew, J.**; 122 The West Mall, Toronto, Ontario M9C 1B9 (CA). **STEWART, William, J.**; 122 The West Mall, Toronto, Ontario M9C 1B9 (CA). **STUART, Andrew, T., B.**; 122 The West Mall, Toronto, Ontario M9C 1B9 (CA). **THORPE, Steven, J.**; 122 The West Mall, Toronto, Ontario M9C 1B9 (CA). **DONG, Charlie**; 122 The West Mall, Toronto, Ontario M9C 1B9 (CA).

(74) **SMITH, LYONS**; Suite 5800, Scotia Plaza, 40 King Street West, Toronto, Ontario M5H 3Z7 (CA).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **C01B 3/50**

(11) **WO 00/69774** (13) A1

(21) PCT/US00/13298

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/134,697 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **HYDROGEN RECYCLE AND ACID GAS REMOVAL USING A MEMBRANE**

• **RECYCLAGE D'HYDROGENE ET EXTRACTION DE GAZ ACIDE AU MOYEN D'UNE MEMBRANE**

(71) **TEXACO DEVELOPMENT CORPORATION** [US/US]; 2000 Westchester Avenue, White Plains, NY 10650 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALLACE, Paul, S.** [US/US]; 1110 Cheyenne Meadows, Katy, TX 77450 (US). **JOHNSON, Kay, A.** [-/US]; 2927 Nancy Bell Lane, Missouri City, TX 77459 (US). **KASBAUM, Janice, L.** [-/US]; 714 Shorewood, Seabrook, TX 77586 (US).

(74) **WHITE, Carter, J.** et al. / etc.; Howrey Simon Arnold & White, LLP, 750 Bering Drive, Houston, TX 77057-2198 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C01B 11/14, 11/18, A61L 2/16, A01N 25/12, 25/14, 25/72, 25/76, 59/00

(11) WO 00/69775 (13) A1

(21) PCT/US00/10804

(22) 20 Apr/avr 2000 (20.04.2000)

(25) en (26) en

(30) 60/134,683 18 May/mai 1999 US (18.05.1999)

(30) 09/448,927 24 Nov/nov 1999 US (24.11.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ENERGY-ACTIVATED COMPOSITIONS FOR CONTROLLED SUSTAINED RELEASE OF A GAS

• COMPOSITIONS ACTIVEES PAR UNE ENERGIE RAYONNANTE ASSURANT LE DEGAGEMENT CONTROLE D'UN GAZ

(71) SOUTHWEST RESEARCH INSTITUTE [US/US]; 6220 Culebra Road, P.O. Drawer 28510, San Antonio, TX 78228-0510 (US). **BERNARD TECHNOLOGIES, INC.** [US/US]; 919 North Michigan, Suite 1710, Chicago, IL 60611 (US).

(72) WELLINGHOFF, Stephen, T.; Southwest Research Institute, 6220 Culebra Road, P.O. Drawer 28510, San Antonio, TX 78228-0510 (US). **KAMPA, Joel, J.**; 8979 Dietz Elkhorn, Boerne, TX 78006 (US). **LELAH, Michael, D.**; Bernard Technologies, Inc., 919 North Michigan, Suite 1710, Chicago, IL 60611 (US). **BARENBERG, Sumner, A.**; Bernard Technologies, Inc., 919 North Michigan, Suite 1710, Chicago, IL 60611 (US). **GRAY, Peter, N.**; Bernard Technologies, Inc., 919 North Michigan, Suite 1710, Chicago, IL 60611 (US). **DIXON, Hong**; 11417 Lago Vista, Helotex, TX 78023 (US).

(74) PETRILLO, Kathleen, M. et al. / etc.; Senniger, Powers, Leavitt & Roedel, One Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C01G 9/02

(11) WO 00/69776 (13) A1

(21) PCT/JP00/03046

(22) 11 May/mai 2000 (11.05.2000)

(25) ja (26) ja

(30) 11/132029 12 May/mai 1999 JP (12.05.1999)

(30) 11/208070 16 Jun/juin 1999 JP (16.06.1999)

(30) 11/209661 18 Jun/juin 1999 JP (18.06.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ZINC OXIDE PARTICLES HAVING SUPPRESSED SURFACE ACTIVITY AND PRODUCTION AND USE THEREOF

• PARTICULES D'OXYDE DE ZINC A ACTIVITE DE SURFACE SUPPRIMEE, LEUR PRODUCTION ET LEUR UTILISATION

(71) SAKAI CHEMICAL INDUSTRY CO., LTD. [JP/JP]; 1-23, Ebisunochi Nishi 1-cho, Sakai-shi, Osaka 590-8502 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISHIDA, Kuniteru [JP/JP]; Sakai Chemical Industry Co., Ltd., Onahama Division, 110, Aza-Tajuku, Shimogawa, Izumimachi, Iwaki-shi, Fukushima 971-8183 (JP). **HOKOZAKI, Hiroshi** [JP/JP]; Sakai Chemical Industry Co., Ltd., Onahama Division, 110, Aza-Tajuku, Shimogawa, Izumimachi, Iwaki-shi, Fukushima 971-8183 (JP). **KOBAYASHI, Keita** [JP/JP]; Sakai Chemical Industry Co., Ltd., Onahama Division, 110, Aza-Tajuku, Shimogawa, Izumimachi, Iwaki-shi, Fukushima 971-8183 (JP). **ONO, Keiji** [JP/JP]; Sakai Chemical Industry Co., Ltd., Onahama Division, 110, Aza-Tajuku, Shimogawa, Izumimachi, Iwaki-shi, Fukushima 971-8183 (JP).

(74) MAKINO, Itsuro; Family Sangyo Dai-san Building, 3-3, Showacho 2-chome, Abeno-ku, Osaka-shi, Osaka 545-0011 (JP).

(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> C01G 9/04, C07B 61/00, C07C 29/56, 29/17, 35/12

(11) WO 00/69777 (13) A1

(21) PCT/GB00/01793

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 99303812.4 17 May/mai 1999 EP (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • REACTIONS USING LEWIS ACIDS  
• REACTIONS UTILISANT LES ACIDES DE LEWIS

(71) QUEST INTERNATIONAL B.V. [NL/NL]; Huizerstraatweg 28, NL-1411 GP Naarden (NL).

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

(72, 75) DAVEY, Paul, Nicholas [GB/GB]; "Bleak House", Ulley Road, Kennington, Ashford, Kent TN24 9HU (GB). **TSE, Chi-Lam** [-/GB]; 5 The Mews, Bath Road, South Willesborough, Ashford, Kent TN24 0JB (GB).

(74) KEITH W NASH & CO.; 90-92 Regent Street, Cambridge CB2 1DP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C02F 1/50, 1/72

(11) WO 00/69778 (13) A1

(21) PCT/US00/12711

(22) 10 May/mai 2000 (10.05.2000)

(25) en (26) en

(30) 60/134,563 17 May/mai 1999 US (17.05.1999)

(30) 60/145,645 27 Jul/juil 1999 US (27.07.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHODS OF USING PERCARBOXYLIC ACID OR ANIONS THEREOF AND METHODS OF MAKING THE SAME  
• PROCEDES D'UTILISATION D'ACIDE PERCARBOXYLIQUE OU SES ANIONS ET LEURS PROCEDES DE PRODUCTION

(71) BUCKMAN LABORATORIES INTERNATIONAL, INC. [US/US]; 1256 North McLean Boulevard, Memphis, TN 38108-0305 (US).

(72) JAQUESS, Percy, A.; 7638 Old Hwy 20, Friendship, TN 38034 (US).

(74) KILYK, Luke, A.; Kilyk & Bowersox P.L.L.C., 3603-E Chain Bridge Road, Fairfax, VA 22030 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C02F 3/00, 3/04

(11) WO 00/69779 (13) A1

(21) PCT/FR00/01139

(22) 28 Apr/avr 2000 (28.04.2000)

(25) fr (26) fr

(30) 99/06058 12 May/mai 1999 FR  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD, DEVICE AND USE OF SAID METHOD FOR BIOLOGICAL ELIMINATION OF METAL ELEMENTS PRESENT IN AN IONIZED STATE IN WATER

- PROCEDE, DISPOSITIF ET UTILISATION DU PROCEDE POUR L'ELIMINATION PAR VOIE BIOLOGIQUE D'ELEMENTS METALLIQUES PRESENTS A L'ETAT IONISE DANS LES EAUX

(71) DEGREMONT [FR/FR]; 183, avenue du 18 juin 1940, F-92500 Rueil Malmaison (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOUCHET, Pierre [FR/FR]; 18, rue Paul Olivier, F-92500 Rueil Malmaison (FR). BERGEL, Jean-Yves [CA/CA]; 1635, rue de l'Everest, Ville Saint Laurent, PQ H4R 2V5 (CA).

(74) DEBAY, Yves; Cabinet Debay, 126 Elysée 2, F-78170 La Celle Saint Cloud (FR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C02F 11/00, 11/14

(11) WO 00/69780 (13) A1

(21) PCT/SE00/00955

(22) 14 May/mai 2000 (14.05.2000)

(25) sv (26) en

(30) 9901772-5 14 May/mai 1999 SE  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PROCESS CONTROL OF THE DEWATERING OF SLUDGE  
• COMMANDE DE PROCESSUS DE DESHYDRATATION DE BOUES

(71, 72) BERNHARDSSON, Sven [SE/SE]; Kyrkbacksvägen 19, S-791 33 Falun (SE).

(74) HEDBERG, Åke et al. / etc.; Aros Patent AB, P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C03B 29/10, 29/08, 29/12

(11) WO 00/69781 (13) A1

(21) PCT/AT00/00135

(22) 17 May/mai 2000 (17.05.2000)

(25) de (26) de

(30) A 872/99 17 May/mai 1999 AT  
(17.05.1999)(30) A 1120/99 25 Jun/juin 1999 AT  
(25.06.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DEVICE FOR HEATING PLATES OF GLASS

- DISPOSITIF DESTINE A CHAUFFER DES PLAQUES DE VERRE

(71, 72) LISEC, Peter [AT/AT]; Bahnhofstrasse 34, A-3363 Amstetten-Hausmending (AT).

(74) BEER, Manfred et al. / etc.; Lindengasse 8, A-1071 Wien (AT).

(81) AU CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> C03B 37/027, G02B 6/00

(11) WO 00/69782 (13) A1

(21) PCT/JP00/03061

(22) 12 May/mai 2000 (12.05.2000)

(25) ja (26) ja

(30) 11/135043 14 May/mai 1999 JP  
(14.05.1999)(30) 2000/128307 27 Apr/avr 2000 JP  
(27.04.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD OF MEASURING TORSION OF OPTICAL FIBER, AND METHOD AND DEVICE FOR MANUFACTURING OPTICAL FIBER AND DEVICE

- PROCEDE DE MESURE DE LA TORSION D'UNE FIBRE OPTIQUE ET PROCEDE ET DISPOSITIF DE FABRICATION DE FIBRE OPTIQUE ET DISPOSITIF ASSOCIE

(71) FUJIKURA LTD. [JP/JP]; 5-1, Kiba 1-chome, Kohto-ku, Tokyo 135-8512 (JP).

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

(72, 75) FUJIMAKI, Munehisa [JP/JP]; Fujikura Ltd., Sakura Works, 1440, Mutsuzaki, Sakura-shi, Chiba 285-8550 (JP). TAKAHASHI, Koichi [JP/JP]; Fujikura Ltd., Sakura Works, 1440, Mutsuzaki, Sakura-shi, Chiba 285-8550 (JP).

(74) SHIGA, Masatake et al. / etc.; OR Building, 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(81) CN US.

(51)<sup>7</sup> C03C 12/00, 17/00, G03B 21/62

(11) WO 00/69783 (13) A1

(21) PCT/US99/21996

(22) 22 Sep/sep 1999 (22.09.1999)

(25) en (26) en

(30) 09/311,909 14 May/mai 1999 US  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • GLASS MICROSPHERES FOR USE IN REAR PROJECTION SCREEN DISPLAYS AND METHODS

- MICROBILLES DE VERRE A UTILISER DANS DES AFFICHEURS A ECRAN DE PROJECTION PAR TRANSPARENCE ET PROCEDES

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) MORRIS, Geoffrey, P.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). ROLF, Jacqueline, C.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) MILLER, William, D. et al. / etc.; 3M Innovative Properties Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C03C 17/22

(11) WO 00/69784 (13) A1

(21) PCT/US99/17784

(22) 5 Aug/août 1999 (05.08.1999)

(25) en (26) en

(30) 60/134,706 18 May/mai 1999 US  
(18.05.1999)

- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **HARD, SCRATCH-RESISTANT COATINGS FOR SUBSTRATES**  
● REVETEMENTS DURS ANTI-ERAFLURES POUR SUBSTRATS
- (71) **CARDINAL IG COMPANY** [US/US]; 12301 Whitewater Drive, Minnetonka, MN 55343-9447 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KRISKO, Annette** [US/US]; S-9913 Exchange Road, Prairie de Sac, WI 53578 (US).
- (74) **HOTCHKISS, Edward, S.** et al. / etc.; Fredrikson & Byron, P.A., 1100 International Centre, 900 Second Avenue S., Minneapolis, MN 55402-3397 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C03C 17/42, G02B 1/11**
- (11) **WO 00/69785** (13) A1
- (21) PCT/EP00/03707
- (22) **26 Apr/avr 2000 (26.04.2000)**
- (25) de (26) de
- (30) 199 22 523.0 **15 May/mai 1999 DE (15.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **METHOD AND AGENT FOR PRODUCING HYDROPHOBIC LAYERS ON FLUORIDE LAYERS**  
● PROCEDE ET AGENT POUR PRODUIRE DES COUCHES HYDROPHOBES SUR DES COUCHES DE FLUORURE
- (71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, D-64293 Darmstadt (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ANTHES, Uwe** [DE/DE]; Kobigweg 2A, D-64711 Erbach (DE). **DOMBROWSKI, Reiner** [DE/DE]; Im Failing 21, D-64739 Höchst (DE). **FRIZ, Martin** [DE/DE]; Ernst-Pasque-Strasse 34, D-64665 Alsbach (DE).
- (74) **MERCK PATENT GMBH**; D-64271 Darmstadt (DE).
- (81) CZ HU JP KR SK US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **C04B 7/44, F27B 7/42**
- (11) **WO 00/69786** (13) A2
- (21) PCT/IB00/00507
- (22) **15 Mar/mar 2000 (15.03.2000)**
- (25) en (26) en
- (30) 09/268,676 **16 Mar/mar 1999 US (16.03.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **CONTROL OF CEMENT CLINKER PRODUCTION BY ANALYSIS OF SULFUR IN THE END PRODUCT**  
● CONTROLE DE LA PRODUCTION DE CLINKER PAR L'ANALYSE DU SOUFRE DANS LE PRODUIT FINI
- (71) **CEMENT PETCOPTIMIZER COMPANY** [—/—]; c/o Citco B.V.I. Ltd., Citco Building, P.O. Box 662, Road Town, Tortola (VG).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DOUMET, Joseph, Elias** [CA/LB]; P.O. Box 90-681, Jdeideh El-Mein (LB).
- (74) **FAGGETTER, Ronald, D.**; Smart & Biggar, Suite 1500, Box 111, 438 University Avenue, Toronto, Ontario M5G 2K8 (CA).
- (81) AE AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C04B 14/00**
- (11) **WO 00/69787** (13) A2
- (21) PCT/YU00/00013
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) P-222/99 **13 May/mai 1999 YU (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **FINE GROUNDED CERAMIC AS PUZZUOLANIC ADDITIVE IN PRODUCTION OF CEMENT AND CONCRETE**  
● CERAMIQUE A FINE MOUTURE EN TANT QU'ADDITIF POUZZOLANIQUE DANS LA FABRICATION DE CIMENT ET DE BETON
- (71, 72) **KEKANOVIC, Milan** [YU/YU]; Zetska 15/18, YU-24000 Subotica (YU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C04B 14/34, 20/10 // 111:26**
- (11) **WO 00/69788** (13) A1
- (21) PCT/FR00/01281
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) fr (26) fr
- (30) 99/06253 **12 May/mai 1999 FR (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **ENCAPSULATED METAL NODULES FOR THE FORMATION OF SACRIFICIAL ANODES IN MORTAR OR REINFORCED CONCRETE AND METHOD FOR THE PRODUCTION OF SAID NODULES**  
● NODULES METALLIQUES ENCAPSULES DESTINES A FORMER DES ANODES SACRIFICIELLES DANS UN MORTIER OU UN BETON ARME ET PROCEDE DE FABRICATION DE TELS NODULES
- (71, 72) **GUERIN, Richard** [FR/FR]; 239, Grande Rue, F-69600 Oullins (FR). **LOYER, Jacques-Henri** [FR/FR]; 17, boulevard de l'Europe, F-69600 Oullins (FR).
- (74) **CABINET BEAU DE LOMENIE**; 51, Avenue Jean-Jaurès, B.P. 7073, F-69301 Lyon Cedex 07 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C04B 28/02, 14/02**
- (11) **WO 00/69789** (13) A1
- (21) PCT/GB00/01845
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 9911165.0 **14 May/mai 1999 GB (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **CARBON LOADED CONCRETE PRODUCTS**  
● PRODUITS DE BETON A CHARGE DE CARBONE
- (71) **MANTLE & LLAY LIMITED** [GB/GB]; Park Square, 3160 Solihull Parkway, Birmingham Business Park, Birmingham B37 7YN (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BLOOMER, Stephen, John** [GB/GB]; 75 Saxon Way, Bourne, Lincolnshire PE10 9QY (GB). **GRIFFITHS, John** [GB/GB];

The Old School, Glanton, Alnwick, Northumberland NE66 4BA (GB). **LANDER, Jacqueline** [GB/GB]; The Old School, Glanton, Alnwick, Northumberland NE66 4BA (GB).

(74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **C04B 35/00**

(11) **WO 00/69790** (13) A2

(21) PCT/DE00/01310

(22) **21 Apr/avr 2000 (21.04.2000)**

(25) de (26) de

(30) 199 22 492.7 **14 May/mai 1999 DE (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD OF PRODUCING ALUMINUM OXIDES AND PRODUCTS OBTAINED ON THE BASIS THEREOF

• PROCEDE DE PRODUCTION D'OXYDES D'ALUMINIUM ET PRODUITS OBTENUS A PARTIR DE CES DERNIERS

(71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Fraunhofer-Patentstelle, Herrn Lauer mann, Leonrodstrasse 54, D-80636 München (DE).

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

(72, 75) **KRELL, Andreas** [DE/DE]; Altkaitz 7, D-01217 Dresden (DE). **MA, Hongwei** [CN/DE]; Birkwitzer Weg 11, D-01257 Dresden (DE).

(74) **RAUSCHENBACH, Marion**; PF 27 01 75, D-01172 Dresden (DE).

(81) US; EP (AT DE FR GB IT NL).

(51)<sup>7</sup> **C05F 3/06, A01K 67/033**

(11) **WO 00/69791** (13) A1

(21) PCT/RU99/00163

(22) **17 May/mai 1999 (17.05.1999)**

(25) ru (26) ru

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • INSTALLATION FOR RECYCLING WASTE FROM STOCK-RAISING USING FLY LARVAE

• INSTALLATION PERMETTANT DE RETRAITER LES DECHETS ISSUS DE L'ELEVAGE DU BETAIL A L'AIDE DE LARVES DE MOUCHES

(71) **ISLE ECO-MAG LIMITED** [GB/GB]; Prospect Chambers, Prospect Hill, Douglas, Isle of Man, IM1 2PT (GB).

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

(72, 75) **SLONIMSKY, Alexandr Davydovich** [RU/RU]; pl. Revoljutsii, 6-26, Istra, Moskovskaya obl., 143500 (RU). **KRASILNIKOV, Alexandr Timofeevich** [RU/RU]; ul. Jubileinaya, 3-8, Istra, Moskovskaya obl., 143500 (RU). **STARZHINSKAYA, Irina Anatolievna** [RU/RU]; ul. Shkolnaya, 5, PO d/o im. Chekhova, pos. Pionersky, Moskovskaya obl., 143551 (RU). **ERNST, Lev Konstantinovich** [RU/RU]; Leninsky prospekt, 37-251, Moscow, 117334 (RU).

(74) **DEMENTIEV, Vladimir Nikolaevich**; B.Palashovsky per., 3-2, Moscow, 103104 (RU).

(74) **DEMENTIEV, Vladimir Nikolaevich**; B.Palashovsky per., 3-2, Moscow, 103104 (RU).

(81) AL AM AU BB BG BR BY CA CN CZ EE FI GE HU IS JP KE KG KP KR LK LR LS LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK TR TT UA UG US UZ VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **C06D 5/06, C06B 25/34**

(11) **WO 00/69792** (13) A1

(21) PCT/SE00/00864

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 9901726-1 **12 May/mai 1999 SE (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • COMPOSITE GAS-GENERATING MATERIAL FOR GAS-ACTUATED CAR SAFETY DEVICES

• MATIERE GAZOGENE COMPOSITE POUR DISPOSITIFS DE SECURITE A GAZ D'AUTOMOBILES

(71) **BOFORS BEPAB AB** [SE/SE]; S-691 86 Karlskoga (SE).

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

(72, 75) **PERSSON, Svante** [SE/SE]; Inre Lötsvängen 29, S-691 35 Karlskoga (SE). **SJÖQVIST, Conny** [SE/SE]; Blockstensvägen 18, S-691 45 Karlskoga (SE).

(74) **FALK, Bengt**; Bofors Support AB, Patents and Trademarks, S-691 80 Karlskoga (SE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **C07B 63/04, C09K 15/20**

(11) **WO 00/69793** (13) A1

(21) PCT/EP00/03968

(22) **3 May/mai 2000 (03.05.2000)**

(25) de (26) de

(30) 199 22 103.0 **17 May/mai 1999 DE (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MIXTURE OF SUBSTANCES, COMPRISING STABILISERS AND COMPOUNDS WHICH CONTAIN VINYL GROUPS

• MELANGES DE SUBSTANCES CONTENANT DES STABILISANTS ET DES COMPOSES RENFERMANT DES GROUPES VINyliQUES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).

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

(72, 75) **SUTORIS, Heinz, Friedrich** [DE/DE]; In den Neunmorgen 11c, D-67551 Worms (DE). **MITULLA, Konrad** [DE/DE]; Zum Gutshof 26, D-67071 Ludwigshafen (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **C07C**

(11) **WO 00/69794** (13) A2

(21) PCT/DK00/00256

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) PA 1999 00656 **12 May/mai 1999 DK (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • USE OF ION CHANNEL MODULATING AGENTS

• UTILISATION D'AGENTS MODULANT LES CANAUX IONIQUES

(71) **NEUROSEARCH A/S** [DK/DK]; 93 Pederstrupvej, DK-2750 Ballerup (DK).

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

(72, 75) **JENSEN, Bo, Skaaning** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **TEUBER, Lene** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **STRÖBÆK, Dorte** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **CHRISTOPHERSEN, Palle** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **OLESEN, Søren, Peter** [DK/DK]; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK).

- (74) **NEUROSEARCH A/S**; Patent Department, 93 Pederstrupvej, DK-2750 Ballerup (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07C 2/08**
- (11) **WO 00/69795** (13) A1
- (21) PCT/EP00/04286
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) de (26) de
- (30) 199 22 038.7 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR THE OLIGOMERISATION OF C<sub>2</sub>-C<sub>8</sub>-OLEFINS
- PROCEDE D'OLIGOMERISATION D'OLEFINES C<sub>2</sub> A C<sub>8</sub>
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SCHULZ, Ralf** [DE/DE]; Maulbronner Hof 35, D-67346 Speyer (DE). **WALTER, Marc** [FR/DE]; Hans-Holbein-Strasse 5d, D-67227 Frankenthal (DE). **NEUMANN, Hans-Peter** [DE/DE]; Mittelstrasse 12, D-67067 Ludwigshafen (DE). **BROX, Wolfgang** [DE/DE]; Im Grund 13, D-69118 Heidelberg (DE).
- (74) **KINZEBACH, Werner** et al. / etc.; Ludwigspatz 4, D-67059 Ludwigshafen (DE).
- (81) CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C07C 15/08, 2/86**
- (11) **WO 00/69796** (13) A1
- (21) PCT/US00/12996
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 09/312,104 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DIRECT SELECTIVE SYNTHESIS OF PARA-XYLENE
- SYNTHÈSE SÉLECTIVE DIRECTE DE PARA-XYLÈNE
- (71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).
- (72) **OU, John**; 15415 Bay Green Court, Houston, TX 77059 (US). **HONG, Zon-xuan**; 4043 Elm Crest Trail, Houston, TX 77059 (US). **JANDA, Gary**; 14815 Redwood Bend Trail, Houston, TX 77062 (US). **SELLEN, Russell**; 504 Hillhurst, Baytown, TX 77521 (US).
- (74) **LOO, Blossom, E.** et al. / etc.; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07C 17/087, 17/38, 17/383, 19/08**
- (11) **WO 00/69797** (13) A1
- (21) PCT/GB00/01861
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 9911475.3 **18 May/mai 1999 GB (18.05.1999)**
- (30) 60/134,657 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PRODUCTION OF 1,1,1,2,3,3,3-HEPTAFLUOROPROPANE
- PRODUCTION DE 1,1,1,2,3,3,3-HEPTAFLUOROPROPANE
- (71) **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; Imperial Chemical House, Millbank, London SW1P 3JF (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GIBSON, Robin, Riyadh** [GB/GB]; Newton Cottage, Newton Lane, Newton-by-Chester CH3 9AX (GB). **SUMMERS, Greg, Lyndon** [GB/GB]; 3 Roosevelt Avenue, Lancaster LA1 5BJ (GB).
- (74) **DEE, Ian, M.**; 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07C 17/12, 17/383, 25/18**
- (11) **WO 00/69798** (13) A1
- (21) PCT/EP00/03945
- (22) **3 May/mai 2000 (03.05.2000)**
- (25) de (26) de
- (30) 199 22 402.1 **14 May/mai 1999 DE (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR PRODUCING 4-CHLOROBIPHENYL AND 4-CHLOROBIPHENYL-SPECIFIC SPECIFICATIONS
- PROCEDE DE PREPARATION DE 4-CHLOROBIPHENYLE ET 4-CHLOROBIPHENYLE AUX SPECIFICATIONS DETERMINEES
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LANGER, Reinhard** [DE/DE]; Hülserheide 47a, D-47918 Tönisvorst (DE). **KLAUSENER, Alexander** [DE/DE]; Schiffgesweg 18, D-50259 Pulheim (DE). **WAGNER, Paul** [DE/DE]; Friedhofstr. 12, D-40597 Düsseldorf (DE). **PUPPE, Lothar** [DE/DE]; Am Weiher 10a, D-51399 Burscheid (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07C 27/00, 41/50, 43/315, 45/64, 47/198, 45/42, 41/26, 43/13**
- (11) **WO 00/69799** (13) A1
- (21) PCT/JP00/03130
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) ja (26) ja
- (30) 11/137027 **18 May/mai 1999 JP (18.05.1999)**
- (30) 11/201434 **15 Jul/juil 1999 JP (15.07.1999)**
- (30) 11/201435 **15 Jul/juil 1999 JP (15.07.1999)**
- (30) 11/255400 **9 Sep/sep 1999 JP (09.09.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PRECURSORS OF 3-ALKOXYALKANOLS AND PROCESSES FOR THE PREPARATION OF 3-ALKOXYALKANOLS

- PRECURSEURS DE 3-ALKOXYALCANOLES ET PROCEDES DE PREPARATION DE 3-ALKOXYALCANOLES
- (71) **IDEMITSU PETROCHEMICAL CO., LTD.** [JP/JP]; 6-1, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP).  
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- (72, 75) **YOSHITOME, Toshihide** [JP/JP]; 1-1, Shinguuchou, Tokuyama-shi, Yamaguchi 745-8691 (JP). **KAWASAKI, Hiroshi** [JP/JP]; 24-4, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP). **KAWANO, Naoya** [JP/JP]; 1-1, Shinguuchou, Tokuyama-shi, Yamaguchi 745-8691 (JP). **MIYAMOTO, Shinji** [JP/JP]; 1-1, Shinguuchou, Tokuyama-shi, Yamaguchi 745-8691 (JP).
- (74) **TOHEI, Masamichi**; Idemitsu Kosan Co., Ltd., 24-4, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C07C 45/00**
- (11) **WO 00/69800** (13) A2
- (21) PCT/EP00/04594
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 9911181.7 **13 May/mai 1999 GB (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PROCESS  
• PROCEDE
- (71) **AVENTIS CROPSCIENCE S.A.** [FR/FR]; 55, avenue René Cassin, Case postale 106, F-69266 Lyon Cédex 09 (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRIENEISEN, Jean-Louis** [FR/FR]; 135bis, rue de Montagny, F-69008 Lyon (FR). **JACQUOT, Roland** [FR/FR]; 15, rue des Pinsons, F-69340 Francheville (FR).
- (74) **AVENTIS CROPSCIENCE S.A.**; Département Propriété Industrielle, Boîte postale 9163, F-69263 Lyon Cédex 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07C 45/50, C07F 17/00, 17/02, B01J 31/20, 31/18, 31/22, 31/24, C07C 253/30**
- (11) **WO 00/69801** (13) A1
- (21) PCT/EP00/04322
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) de (26) de
- (30) 199 21 730.0 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ETA 5-PHOSPHOLYL COMPLEXES AND ETA 5-POLYPHOSPHOLYL COMPLEXES AND THEIR USE IN HYDROFORMYLATION  
• COMPLEXES ETA-5-PHOSPHOLYLE ET ETA-5-POLYPHOSPHOLYLE ET LEUR UTILISATION DANS LE CADRE DE L'HYDROFORMYLATION
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AHLERS, Wolfgang** [DE/DE]; Brauerreistrasse 3, D-67549 Worms (DE). **MACKEWITZ, Thomas** [DE/DE]; Schmitzstrasse 8, D-68219 Mannheim (DE). **RÖPER, Michael** [DE/DE]; Pegauer Str. 10, D-67157 Wachenheim (DE). **MATHEY, François** [FR/FR]; UMR CNRS 7653, F-91128 Palaiseau Cedex (FR). **GANTER, Christian** [DE/DE]; Professor-Pirlet-Str. 1, D-52056 Aachen (DE). **BREIT, Bernhard** [DE/DE]; Odenwaldstr. 2, D-69198 Schriesheim (DE).
- (74) **ISENBRUCK, Günter**; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Theodor-Heuss-Anlage 12, D-68165 Mannheim (DE).
- (81) CN JP SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **C07C 69/15, 67/055, 51/215, 53/08**
- (11) **WO 00/69802** (13) A1
- (21) PCT/EP00/04234
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 09/312,683 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR PRODUCING VINYL ACETATE MONOMER FROM ETHANE OR ETHYLENE OXIDATION  
• PROCEDE DE PRODUCTION DE MONOACETATE DE VINYLE A PARTIR DE L'OXYDATE DE L'ETHANE OU DE L'ETHYLENE
- (71) **SAUDI BASIC INDUSTRIES CORPORATION** [SA/SA]; P.O. Box 5101, Riyadh 11422 (SA).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KARIM, Khalid** [GB/GB]; 25 Monica Grove, Burnage, Manchester, M19 2BQ (GB). **ADRIS, Alaa, E., M.** [EG/SA]; P.O. Box 42503, Riyadh 11551 (SA).
- (74) **SCHMITZ, Jean-Marie**; Dennemeyer & Associates S.A., 55, rue des Bruyères, L-1274 Howald (LU).
- (81) CN ID JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **C07C 201/06, 205/02, 205/05, 205/06, C07B 61/00, B01D 53/34, 53/56, 53/77**
- (11) **WO 00/69803** (13) A1
- (21) PCT/JP00/03112
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) ja (26) ja
- (30) 11/136339 **17 May/mai 1999 JP (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PROCESS FOR THE PREPARATION OF NITRO COMPOUNDS AND METHOD FOR THE REMOVAL OF NITROGEN DIOXIDE  
• PREPARATION DE COMPOSES NITRES ET PROCEDE D'EXTRACTION DU DIOXYDE D'AZOTE
- (71) **DAICEL CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka 590-8501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ISHII, Yasutaka** [JP/JP]; 19-21, Bessyohonmachi, Takatsuki-shi, Osaka 569-1112 (JP). **NAKANO, Tatsuya** [JP/JP]; 22-4, Arashiyama-cho, Himeji-shi, Hyogo 670-0029 (JP).
- (74) **GOTO, Yukihisa**; 202, Masuda Building, 7-16, Higashitenma 2-chome, Kita-ku, Osaka-shi, Osaka 530-0044 (JP).
- (81) CN ID KR SG US; EP (DE FR GB).
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- (51)<sup>7</sup> **C07C 209/02, 211/46**
- (11) **WO 00/69804** (13) A1
- (21) PCT/US00/13266
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 60/148,057 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • AMINATION OF AROMATIC HYDROCARBONS AND HETEROCYCLIC ANALOGS THEREOF  
• AMINATION D'HYDROCARBURES AROMATIQUES ET D'ANALOGUES HETEROCYCLIQUES DE CEUX-CI
- (71) **SYMYX TECHNOLOGIES INC.** [US/US]; 3100 Central Expressway, Santa Clara, CA 95051 (US). **BAYER A.G.** [DE/DE]; D-51368 Leverkusen (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **POOJARY, Damodara** [IN/US]; 20677 Forgeway #219, Cupertino, CA 95014 (US). **BORADE, Ramesh** [IN/US]; 2978 Ventana Drive, San Jose, CA 95129 (US). **HAGEMEYER, Alfred** [DE/US]; Apartment

- J-302, 655 Fair Oaks Avenue, Sunnyvale, CA 94086 (US). **DUBE, Christopher, E.** [US/US]; 2 Newlands Road, Arlington, MA 02474 (US). **ZHOU, Ziao, Ping** [CN/US]; 1249 Coronado Drive #5, Sunnyvale, CA 94086 (US). **NOTHELS, Ulrich** [DE/DE]; Goethestrasse 55, D-41539 Dormagen (DE). **ARMBRUST, Ralph** [DE/DE]; Gezelinallee 55, D-51375 Leverkusen (DE). **RASP, Christian** [DE/DE]; Klutstein 13, D-51467 Bergisch Gladbach (DE). **LOWE, David, M.** [US/US]; Apartment E-110, 200 E. Dana, Mountain View, CA 94041 (US).
- (74) **ROEDEL, John, K., Jr.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, 16th floor, One Metropolitan Square, St. Louis, MO 63102 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> **C07C 213/02, 219/24**
- (11) **WO 00/69806** (13) A1
- (21) PCT/EP00/04149
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) de (26) de
- (30) 99109675.1 **17 May/mai 1999 EP (17.05.1999)**
- (30) 60/145,985 **29 Jul/juil 1999 US (29.07.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR PRODUCING CHIRAL AMINES  
• PROCEDE DE PREPARATION D'AMINES CHIRALES
- (71) **LONZA AG** [CH/CH]; Münchensteinerstrasse 38, CH-4052 Basel (CH).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUCHS, Rudolf** [CH/CH]; Rue du Petit-Chasseur 34, CH-1950 Sion (CH).
- (74) **LONZA AG**; Münchensteinerstrasse 38, CH-4052 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> **C07C 209/42, 211/52**
- (11) **WO 00/69805** (13) A1
- (21) PCT/EP00/04595
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 9911180.9 **13 May/mai 1999 GB (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PROCESSES FOR PREPARING PESTICIDAL INTERMEDIATES  
• PROCEDES DE PREPARATION D'INTERMEDIAIRES PESTICIDES
- (71) **AVENTIS CROPSCIENCE S.A.** [FR/FR]; 55, avenue René Cassin, F-69009 Lyon (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANCEL, Jean-Erick** [FR/FR]; 14, rue Lucien Begule, F-69230 Saint-Genis-Laval (FR). **PERRIN-JANET, Gilles** [FR/FR]; 17, allée des Clementières, F-69270 Chaponnay (FR). **LEROY, Pierre** [FR/FR]; 21, rue de la Bannière, F-69003 Lyon (FR).
- (74) **BRACHOTTE, Charles**; Aventis CropScience S.A., Département Propriété Industrielle, B.P. 9163, F-69263 Lyon Cedex 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> **C07C 213/10, 215/12**
- (11) **WO 00/69807** (13) A1
- (21) PCT/US00/10418
- (22) **18 Apr/avr 2000 (18.04.2000)**
- (25) en (26) en
- (30) 60/134,903 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PROCESS FOR PURIFYING AQUEOUS TERTIARY AMINE AND ALKANOLAMINE SOLUTIONS  
• PROCEDE PERMETTANT DE PURIFIER DES SOLUTIONS AQUEUSES D'AMINE TERTIAIRE ET D'ALCANOLAMINE
- (71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).
- (72) **ROONEY, Peter, C.**; 62 South Callalily Court, Lake Jackson, TX 77566 (US).
- (74) **KARADZIC, Dragan, J.**; Intellectual Property, B-1211, 2301 N. Brazosport Boulevard, Freeport, TX 77541 (US).
- (81) CA MX UZ.
- (51)<sup>7</sup> **C07C 227/32, 227/08, 229/22, 69/63, 55/40, 309/66, 55/32, 51/363**
- (11) **WO 00/69808** (13) A1
- (21) PCT/IT00/00187
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) it (26) en
- (30) RM99A000310 **18 May/mai 1999 IT (18.05.1999)**
- (30) RM99A000670 **29 Oct/oct 1999 IT (29.10.1999)**
- (30) RM2000A000061 **10 Feb/fév 2000 IT (10.02.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PROCESS FOR PREPARING R-(–)-CARNITINE FROM S-(–)-CHLOROSUCCINIC ACID OR FROM A DERIVATIVE THEREOF  
• PROCEDE DE PREPARATION DE R-(–)-CARNITINE A PARTIR DE L'ACIDE S-(–)-CHLOROSUCCINIQUE OU D'UN DERIVE DE CELUI-CI
- (71) **SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A.** [IT/IT]; Viale Shakespeare, 47, I-00144 Roma (IT).  
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- (74) **SPADARO, Marco**; Sigma-Tau Industrie Farmaceutiche Riunite S.p.A., Viale Shakespeare, 47, I-00144 Roma (IT).
- (81) AE AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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(25) en (26) en

(30) 09/314,571 19 May/mai 1999 US  
(19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● CRYSTALLINE SALTS OF DODECYL 2-(N,N-DIMETHYLAMINO)-PROPIONATE

● SELS CRISTALLINS DE DODECYL 2-(N,N-DIMETHYLAMINO)-PROPIONATE

(71) NEXMED HOLDINGS, INC. [US/US]; 350 Corporate Boulevard, Robbinsville, NJ 08691 (US).

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(74) CEPURITIS, Talivaldis et al. / etc.; Olson & Hierl, Ltd., 20 North Wacker Drive, 36th floor, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07C 237/32, 243/24, 271/40, 275/28, C07D 209/48, 257/04, 333/04, A61K 31/15, 31/165, 31/17, 31/33, A61P 3/04, 3/10

(11) WO 00/69810 (13) A1

(21) PCT/DK00/00264

(22) 16 May/mai 2000 (16.05.2000)

(25) en (26) en

(30) PA 1999 00684 17 May/mai 1999 DK  
(17.05.1999)(30) PA 2000 00478 21 Mar/mar 2000 DK  
(21.03.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● GLUCAGON ANTAGONISTS/INVERSE AGONISTS

● ANTAGONISTES/AGONISTES INVERSES DE GLUCAGON

(71) NOVO NORDISK A/S [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK). AGOURON PHARMACEUTICALS, INC. [US/US]; 10350 North Torrey Pines Road, La Jolla, CA 92037 (US).

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07C 255/57, 253/30, 255/58, 255/67, C07D 211/22, 211/26

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(21) PCT/JP00/03169

(22) 17 May/mai 2000 (17.05.2000)

(25) ja (26) ja

(30) 11/135646 17 May/mai 1999 JP  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● CYANOBIIPHENYL DERIVATIVES

● DERIVES DE CYANOBIIPHENYLE

(71) TEIJIN LIMITED [JP/JP]; 6-7, Minamihommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP). (for all designated States except / pour tous les États désignés sauf US)

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(74) MAEDA, Sumihiro; Teijin Limited, Intellectual Property Center, 1-1, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07C 259/06, 229/08, 231/02, 233/47, A61K 31/198, 31/216, A61P 43/00

(11) WO 00/69812 (13) A1

(21) PCT/JP00/03166

(22) 17 May/mai 2000 (17.05.2000)

(25) ja (26) ja

(30) 11/136309 17 May/mai 1999 JP  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● NOVEL HYDROXAMIC ACID DERIVATIVES

● NOUVEAUX DÉRIVÉS D'ACIDE HYDROXAMIQUE

(71) FUJI YAKUHIN KOGYO KABUSHIKI KAISHA [JP/JP]; 530, Chokeiji, Takaoka-shi, Toyama 933-8511 (JP). (for all designated States except / pour tous les États désignés sauf US)

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(74) MIZUNO, Akinobu; Lions Mansion Shibuya Dogenzaka 303, 22-12, Maruyama-cho, Shibuya-ku, Tokyo 150-0044 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)<sup>7</sup> C07C 261/00, A01N 37/52  
(11) WO 00/69813 (13) A1  
(21) PCT/EP00/04013  
(22) 4 May/mai 2000 (04.05.2000)  
(25) de (26) de  
(30) 199 21 886.2 12 May/mai 1999 DE (12.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) • SUBSTITUTED N-CYANO AMIDINES  
• N-CYANO-AMIDINES SUBSTITUEES  
(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; D-51368 Leverkusen (DE).  
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(72, 75) GESING, Ernst, Rudolf, F. [DE/DE]; Trillser Graben 4, D-40699 Erkrath-Hochdahl (DE). HENSE, Achim [DE/DE]; Lingemannstr. 15, D-42799 Leichlingen (DE). KATHER, Kristian [DE/DE]; Grabenstr. 21, D-40789 Monheim (DE). LEHR, Stefan [DE/DE]; Ricarda-Huch-Str. 38, D-40764 Langenfeld (DE). RIEBEL, Hans-Jochem [DE/DE]; Heimatstr. 1, D-56242 Selters (DE). ROHE, Lothar [DE/DE]; Damaschkeweg 75, D-42113 Wuppertal (DE). VOIGT, Katharina [DE/DE]; Radstädter Weg 8, D-40789 Monheim (DE). DREWES, Mark, Wilhelm [DE/DE]; Goethestr. 38, D-40764 Langenfeld (DE). FEUCHT, Dieter [DE/DE]; Ackerweg 9, D-40789 Monheim (DE). PONTZEN, Rolf [DE/DE]; Am Kloster 69, D-42799 Leichlingen (DE). WETCHOLOWSKY, Ingo [DE/BR]; Cond. Estancia Marambaia, Rua Avare, 500, CEP-13280-000 Vinhedo, SP (BR).  
(74) BAYER AKTIENGESELLSCHAFT; D-51368 Leverkusen (DE).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).  
(51)<sup>7</sup> C07D 207/09, 207/14, 211/34, 211/56, A61K 31/40, 31/435, A61P 29/00, 37/00  
(11) WO 00/69815 (13) A1  
(21) PCT/US00/06714  
(22) 12 May/mai 2000 (12.05.2000)  
(25) en (26) en  
(30) 09/310,975 13 May/mai 1999 US (13.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) • UREIDO-SUBSTITUTED CYCLIC AMINE DERIVATIVES AND THEIR USE AS DRUG  
• DERIVES D'AMINES CYCLIQUES UREIDO-SUBSTITUEES ET LEUR UTILISATION EN TANT QUE MEDICAMENT  
(71) TEIJIN LIMITED [JP/JP]; 6-7, Minamihommachi, 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP). DUPONT PHARMACEUTICALS RESEARCH LABORATORIES [US/US]; 4570 Executive Drive, Suite 400, San Diego, CA 92121 (US).  
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(74) BIGGART, Waddell, A. et al. / etc.; Sughrue, Mion, Zinn, Macpeak & Seas, PLLC, 2100 Pennsylvania Ave., N.W., Suite 800, Washington, DC 20037-3213 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).  
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(51)<sup>7</sup> C07D 207/26, 405/12, 401/12, 405/04, 207/24, 207/40, 211/76, 205/085, 205/06, A61K 31/40, 31/445 // (C07D 405/12, 307:00, 207:00)  
(11) WO 00/69816 (13) A1  
(21) PCT/US00/08223  
(22) 17 May/mai 2000 (17.05.2000)  
(25) en (26) en  
(30) 60/134,410 17 May/mai 1999 US (17.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) • METABOTROPIC GLUTAMATE RECEPTOR ANTAGONISTS  
• ANTAGONISTES DE RECEPTEUR DE GLUTAMATE METABOTROPIQUE  
(71) ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).  
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(72, 75) CLARK, Barry, Peter [-/GB]; Hampshire (GB). CWI, Cynthia, Lynn [US/US]; 8918 Carriage Lane, Indianapolis, IN 46256 (US). HARRIS, John, Richard [GB/GB]; 11 Orchard Road, Winslow Village, Guildford, Surrey GU2 7QY (GB). KINGSTON, Ann, Elizabeth [GB/GB]; 15 Tolpuddle Way, Yateley, Hampshire GU46 6BH (GB). SCOTT, William, Leonard [US/US]; 144 Buckingham Drive, Indianapolis, IN 46208 (US).  
(74) WILSON, Alexander et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07D 207/273, 205/04, C07C 227/22, 229/20, 227/16

(11) WO 00/69817 (13) A1

(21) PCT/JP00/03079

(22) 15 May/mai 2000 (15.05.2000)

(25) ja (26) ja

(30) 11/134736 14 May/mai 1999 JP (14.05.1999)

(30) 11/142271 21 May/mai 1999 JP (21.05.1999)

(30) 11/169620 16 Jun/juin 1999 JP (16.06.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● PROCESS FOR PRODUCING OPTICALLY ACTIVE AZETIDINE-2-CARBOXYLIC ACIDS  
● PROCEDE DE PRODUCTION D'ACIDES AZETIDINE -2-CARBOXYLIQUES OPTIQUEMENT ACTIFS

(71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8288 (JP).  
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(72, 75) HONDA, Tatsuya [JP/JP]; Sanseiso, 31-17, Shioyacho 6-chome, Tarumi-ku, Kobe-shi, Hyogo 655-0872 (JP). NAGASHIMA, Nobuo [JP/JP]; 13-1-302, Nishihata 1-chome, Takasago-shi, Hyogo 676-0025 (JP).

(74) YASUTOMI, Yasuo et al. / etc.; Recruit Shin Osaka Building 4F, 14-22, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 209/22, A61K 31/535, A61P 29/00

(11) WO 00/69818 (13) A1

(21) PCT/US00/06704

(22) 8 May/mai 2000 (08.05.2000)

(25) en (26) en

(30) 09/310,563 12 May/mai 1999 US (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● MORPHOLINO-N-ETHYL ESTER DERIVATIVE OF AN INDOLE sPLA<sub>2</sub> INHIBITOR

● DERIVE DE MORPHOLINO-N-ETHYL ESTER D'UN INHIBITEUR INDOLE DE sPLA<sub>2</sub>

(71) ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

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(72, 75) BEIGHT, Douglas, Wade [US/US]; 3468 South County Road 600 West, Frankfort, IN 46041 (US). BUBEN, John, Andrew [US/US]; 937 Stockton Street, Indianapolis, IN 46260 (US). MORIN, John, Michael, Junior [US/US]; 9 Roselawn Avenue, Brownsburg, IN 46112 (US). SALL, Daniel, Jon [US/US]; 376 Leisure Lane, Greenwood, IL 46142 (US). SAWYER, Jason, Scott [US/US]; 5718 North Winthrop Avenue, Indianapolis, IN 46220 (US).

(74) BENJAMIN, Roger, S. et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07D 211/16, C07C 317/44, 311/21, 311/16, C07D 207/14, 211/46, 211/18, 401/12, 211/54, 295/22, 401/04, 405/12, 409/12, 405/14, 309/12, 401/14, A61K 31/16, 31/445, A61P 19/02

(11) WO 00/69819 (13) A1

(21) PCT/US00/06713

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 09/310,813 12 May/mai 1999 US (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● HYDROXAMIC ACID DERIVATIVES AS MATRIX METALLOPROTEASE INHIBITORS

● COMPOSES SULFONYLE ARYLE OU HETEROARYLE D'ACIDE HYDROXAMIQUE

(71) G.D. SEARLE & CO. [US/US]; Corporate Patent Department, P.O. Box 5110, Chicago, IL 60680-5110 (US).

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(72, 75) BEDELL, Louis, J. [US/US]; 1832 E. Camp McDonald Road, Mt. Prospect, IL 60056 (US). MCDONALD, Joseph, J. [US/US]; 1036 Johanna Drive, Ballwin, MO 63021 (US). BARTA, Thomas, E. [US/US]; 1133 Maple Avenue, #3W, Evanston, IL 60202 (US). BECKER, Daniel, P. [US/US]; 1800 Maplewood Lane, Glenview, IL 60025 (US). RAO, Shashidhar, N. [IN/US]; 736 Bellerive Manor Drive, St. Louis, MO 63141 (US). FRESKOS, John, N. [US/US]; 7572 York, Clayton, MO 63105 (US). MIRSCHKE, Brent, V. [US/US]; 25 White River Lane, Defiance, MO 63341 (US). GETMAN, Daniel, P. [US/US]; 66 Sunny Hill Court, Chesterfield, MO 63017 (US). DECRESCENZO, Gary, A. [US/US]; 7345 Spruce Hill Court, St. Charles, MO 63304 (US). VILLAMIL, Clara, I. [US/US]; 813 Long Road, Glenview, IL 60025 (US).

(74) WARNER, James, W. et al. / etc.; G.D. Searle & Co., Corporate Patent Department, P.O. Box 5110, Chicago, IL 60680-5110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(11) WO 00/69820 (13) A1

(21) PCT/US00/13162

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/134,079 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● CYCLIC AMINE DERIVATIVES AND THEIR USES  
● DERIVES D'AMINE CYCLIQUES ET LEURS UTILISATIONS

(63) US 60/134,079 (CON) 14 May/mai 1999 (14.05.1999)

(71) COMBICHEM, INC. [US/US]; Suite 400, 4570 Executive Drive, San Diego, CA 92121 (US).  
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(72, 75) TARBY, Christine [US/US]; 5 Spencer Lane, Hockessin, DE 19707 (US). MOREE, Wilna [NL/US]; 4130 Camino Ticino, San Diego, CA 92121 (US).

(74) DOW, Karen, B. et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07D 211/66, 405/12, 405/14, 309/08, 335/02, 409/12, 401/06, 401/12, A61K 31/445, 31/4523, A61P 9/00

(11) WO 00/69821 (13) A1

(21) PCT/US00/06719

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 09/311,837 14 May/mai 1999 US (14.05.1999)

(30) 09/570,731 12 May/mai 2000 US (12.05.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● AROMATIC SULFONE HYDROXAMIC ACID METALLOPROTEASE INHIBITOR

● ACIDE HYDROXAMIQUE A SULFONE AROMATIQUE INHIBITEUR DE METALLOPROTEASES

(71) G.D. SEARLE & CO. [-/US]; Corporate Patent Department, P.O. Box 5110, Chicago, IL 60680 (US).

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(72, 75) BARTA, Thomas, E. [US/US]; 1133 Maple Avenue #3W, Evanston, IL 60202 (US). BECKER, Daniel, P. [US/US]; 1800 Maplewood Lane, Glenview, IL 60025 (US). BEDELL, Louis, J. [US/US]; 1832 E. Camp McDonald Road, Mt. Prospect, IL 60056 (US). BOEHM, Terri, L. [US/US]; 928 Cleta Drive, Ballwin, MO 63021 (US). CARROLL, Jeffrey, N. [US/US]; 2424 S. 18th, St. Louis, MO 63104 (US). DE-CRESCENZO, Gary, A. [US/US]; 7345 Spruce Hill Court, St. Charles, MO 63304 (US). FOBIAN, Yvette, M. [US/US]; 1260 Fiddle Creek Road, Labadia, MO 63055 (US). FRESKOS, John, N. [US/US]; 7572 York, Clayton, MO 63105 (US). GET-MAN, Daniel, P. [US/US]; 66 Sunny Hill Court, Chesterfield, MO 63017 (US). MCDONALD, Joseph, J. [US/US]; 1036 Johanna Drive, Ballwin, MO 63021 (US). HOCKERMAN, Susan, L. [US/US]; 5318 W. Hutchinson, Chicago, IL 60641 (US). HOWARD, Susan, C. [US/US]; 35 Worthy Court, Fenton, MO 63026 (US). KOLOD-ZIEJ, Stephen, A. [US/US]; 2448 Clarjon Road, Ballwin, MO 63021 (US). LI, Madeleine, Hui [CN/US]; 322 Jefferson Ct., Vernon Hills, MO 60061 (US). MISCHKE, Deborah, A. [US/US]; 25 White River Land, Defiance, MO 63341 (US). RICO, Joseph, G. [US/US]; 524 Wetherby Terrace, St. Louis, MO 63021 (US). STEHLE, Nathan, W. [US/US]; 212D Seawind Drive,

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(74) WARNER, James, M. et al. / etc.; G.D. Searle & Co., Corporate Patent Department, P.O. Box 5110, Chicago, IL 60680-5110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 211/96, 221/20, A61K 31/438, 31/445, A61P 7/00, 11/00, 29/00, 35/00

(11) WO 00/69822 (13) A1

(21) PCT/GB00/01804

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 9911075.1 12 May/mai 1999 GB (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● HYDROXAMIC AND CARBOXYLIC ACID DERIVATIVES

● DERIVES D'ACIDES HYDROXAMIQUE ET CARBOXYLIQUE

(71) DARWIN DISCOVERY LIMITED [GB/GB]; Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB).

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(72, 75) BAXTER, Andrew, Douglas [GB/GB]; Darwin Discovery Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB). OWEN, David, Alan [GB/GB]; Darwin Discovery Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB). MONTANA, John, Gary [GB/GB]; Darwin Discovery Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB). HANNAH, Duncan [GB/GB]; Darwin Discovery Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 213/04, 207/32, 233/56, C07C 205/06, 233/07, 25/02, A61K 31/435, 31/40, 31/4164, 31/167, 31/05

(11) WO 00/69823 (13) A1

(21) PCT/DK00/00254

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) PA 1999 00658 12 May/mai 1999 DK (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● ION CHANNEL MODULATING AGENTS

● AGENTS DE MODULATION DE CANAL IONIQUE

(71) NEUROSEARCH A/S [DK/DK]; 93 Pederstrupvej, DK-2750 Ballerup (DK). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) JENSEN, Bo, Skaaning [DK/DK]; NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). TEUBER, Lene [DK/DK]; NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). STRØBÆK, Dorte [DK/DK]; NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). CHRISTOPHERSEN, Palle [DK/DK]; NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). OLESEN, Søren, Peter [DK/DK]; NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK).

(74) NEUROSEARCH A/S; Patent Department, 93 Pederstrupvej, DK-2750 Ballerup (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07D 213/71, 213/70, A61K 31/44, A61P 29/00, 11/06

(11) WO 00/69824 (13) A1

(21) PCT/CA00/00553

(22) 11 May/mai 2000 (11.05.2000)

- (25) en (26) en  
 (30) 60/133,976 **13 May/mai 1999** US  
**(13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HETEROSUBSTITUTED PYRIDINE DERIVATIVES AS PDE 4 INHIBITORS  
 • DERIVES DE PYRIDINE HETEROSUBSTITUES, EN TANT QU'INHIBITEURS DE PDE 4
- (71) **MERCK FROSST CANADA & CO.** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA).  
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- (72, 75) **FRENETTE, Richard** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **DUCHARME, Yves** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA). **PRESCOTT, Sylvie** [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA).
- (74) **MURPHY, Kevin, P.** et al. / etc.; Swabey 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 BY 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **C07D 213/71, 213/70 // C07B 61/00**
- (11) **WO 00/69825** (13) A1
- (21) PCT/JP00/03008
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) ja (26) ja
- (30) 11/134533 **14 May/mai 1999** JP  
**(14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PROCESS FOR PREPARING TRIBROMOMETHYLSULFONYLPYRIDINE  
 • PROCEDE DE PREPARATION DE TRIBROMOMETHYLSULFONYLPYRIDINE
- (71) **SUMITOMO SEIKA CHEMICALS CO., LTD.** [JP/JP]; 346-1, Miyanishi, Harima-cho, Kako-gun, Hyogo 675-0145 (JP).  
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- (72, 75) **FUJISAWA, Eiji** [JP/JP]; Fine Chemicals Research Laboratory of Sumitomo Seika Chemicals Co., Ltd., 346-1, Miyanishi, Harima-cho, Kako-gun, Hyogo 675-0145 (JP). **HATA, Hiroyuki** [JP/JP]; Fine Chemicals Research Laboratory of Sumitomo Seika Chemicals Co., Ltd., 346-1, Miyanishi, Harima-cho, Kako-gun, Hyogo 675-0145 (JP).
- (25) en (26) en  
 (30) 9911071.0 **12 May/mai 1999** GB  
**(12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HYDROXAMIC AND CARBOXYLIC ACID DERIVATIVES  
 • DERIVES D'ACIDES HYDROXAMIQUE ET CARBOXYLIQUE
- (71) **DARWIN DISCOVERY LIMITED** [GB/GB]; Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB).  
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- (72, 75) **BAXTER, Andrew, Douglas** [GB/GB]; Darwin Discovery Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB). **OWEN, David, Alan** [GB/GB]; Darwin Discovery Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB). **WATSON, Robert, John** [GB/GB]; Darwin Discovery Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB). **HANNAH, Duncan** [GB/GB]; Darwin Discovery Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB). **BATTY, Duncan** [GB/GB]; Darwin Discovery Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07D 221/14, A61K 31/473, A61P 25/28**
- (11) **WO 00/69828** (13) A1
- (21) PCT/CA00/00541
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en  
 (30) 09/310,883 **17 May/mai 1999** US  
**(17.05.1999)**
- (30) 09/457,606 **8 Dec/déc 1999** US  
**(08.12.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD OF INHIBITING NEUROTROPHIN-RECEPTOR BINDING  
 • PROCEDE D'INHIBITION DE LA LIAISON AU RECEPTEUR DE NEUROTROPHINE
- (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)*
- 
- (51)<sup>7</sup> **C07D 213/77, 417/12, 215/38, 401/12, 213/75, 213/74, A61K 31/44, 31/4427, 31/47, A61P 7/00, 9/00**
- (11) **WO 00/69826** (13) A1
- (21) PCT/US00/08220
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en  
 (30) 60/134,811 **19 May/mai 1999** US  
**(19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SUBSTITUTED POLYCYCLIC ARYL AND HETEROARYL PYRIDONES USEFUL FOR SELECTIVE INHIBITION OF THE COAGULATION CASCADE  
 • PYRIDONES ARYLE ET HETEROARYLE POLYCYCLIQUES SUBSTITUEES UTILISEES POUR L'INHIBITION SELECTIVE DE LA CASCADE DE COAGULATION
- (71) **MONSANTO COMPANY** [US/US]; Corporate Patent Department, P.O. Box 5110, Chicago, IL 60680-5110 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SOUTH, Michael, S.** [US/US]; 11671 Chieftain Drive, St. Louis, MO 63146 (US). **ZENG, Qingpeng** [US/US]; 1163 Richland Meadows Drive, Ballwin, MO 63021 (US). **RUEPPEL, Melvin, L.** [US/US]; 1904 Grassy Ridge Road, St. Louis, MO 63122 (US).
- (74) **WILLIAMS, Roger, A.** et al. / etc.; G.D. Searle & Co., Corporate Patent Department, P.O. Box 5110, Chicago, IL 60680-5110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **C07D 215/22, 277/64, A61K 31/428, 31/4375, A61P 7/00, 11/00, 29/00, 35/00**
- (11) **WO 00/69827** (13) A1
- (21) PCT/GB00/01810
- (22) **12 May/mai 2000 (12.05.2000)**

(72, 75) **ROSS, Gregory, M.** [CA/CA]; 1090 Caitlin Crescent, Kingston, Ontario K7P 2S4 (CA). **SHAMOVSKY, Igor, L.** [CA/CA]; 553 Quail Court, Kingston, Ontario K7M 8Z4 (CA). **MARONE, Sandra** [CA/CA]; 3-234 Victoria Street, Kingston, Ontario K7L 3Y8 (CA). **WEAVER, Donald, F.** [CA/CA]; 27 Collegeview Crescent, Kingston, Ontario K7M 7J8 (CA). **RIOPELLE, Richard, J.** [CA/CA]; 32 Lakeshore Boulevard, Kingston, Ontario K7M 4J6 (CA).

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(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **C07D 221/14, A61K 31/473, C07D 209/48, A61K 31/4035, A61P 25/28**

(11) **WO 00/69829** (13) A1

(21) PCT/CA00/00542

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 60/134,578 **17 May/mai 1999 US (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **METHOD OF INHIBITING NEUROTROPHIN-RECEPTOR BINDING**  
• **PROCEDE INHIBANT LA FIXATION AU RECEPTEUR DE LA NEUROTROPHINE**

(71) **QUEEN'S UNIVERSITY** [CA/CA]; Kingston, Ontario K7L 3N6 (CA).  
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(72, 75) **ROSS, Gregory, M.** [CA/CA]; 1090 Caitlin Crescent, Kingston, Ontario K7P 2S4 (CA). **SHAMOVSKY, Igor, L.** [CA/CA]; 553 Quail Court, Kingston, Ontario K7M 8Z4 (CA). **MARONE, Sandra** [CA/CA]; 3-234 Victoria Street, Kingston, Ontario K7L 3Y8 (CA). **WEAVER, Donald, F.** [CA/CA]; 27 Collegeview Crescent, Kingston, Ontario K7M 7J8 (CA). **RIOPELLE, Richard, J.** [CA/CA]; 32 Lakeshore Boulevard, Kingston, Ontario K7M 4J6 (CA).

(74) **MBM & CO.**; P.O. Box 809, Station B, Ottawa, Ontario K1P 5P9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **C07D 223/00, 225/00, 241/04, 245/00, 267/02, G01N 33/536, 33/543**

(11) **WO 00/69830** (13) A1

(21) PCT/US00/10841

(22) **21 Apr/avr 2000 (21.04.2000)**

(25) en (26) en

(30) 09/310,662 **12 May/mai 1999 US (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **DIKETODIAZACYCLIC COMPOUNDS, DIAZACYCLIC COMPOUNDS AND COMBINATORIAL LIBRARIES THEREOF**  
• **COMPOSES DICETODIAZACYCLIQUES, COMPOSES DIAZACYCLIQUES, ET LEURS BIBLIOTHEQUES COMBINATOIRES**

(71) **TORREY PINES INSTITUTE FOR MOLECULAR STUDIES** [US/US]; 3550 General Atomics Court, San Diego, CA 92121 (US).

(72) **NEFZI, Adel**; 3334 Clairemont Mesa Boulevard, San Diego, CA 92117 (US). **OSTRESH, John, M.**; 315 La Veta Avenue, Encinitas, CA 92024 (US). **HOUGHTEN, Richard, A.**; 4939 Rancho Viejo Drive, Del Mar, CA 92014 (US).

(74) **GAMSON, Edward, P.** et al. / etc.; Welsh & Katz, Ltd., 22nd floor, 120 South Riverside Plaza, Chicago, IL 60606 (US).

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

(51)<sup>7</sup> **C07D 235/02, A61K 31/4184, A61P 29/00, 37/08**

(11) **WO 00/69831** (13) A1

(21) PCT/EP00/04090

(22) **6 May/mai 2000 (06.05.2000)**

(25) en (26) en

(30) 199 22 462.5 **17 May/mai 1999 DE (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **SPIROIMIDAZOLIDINE DERIVATIVES, THEIR PREPARATION, THEIR USE AND PHARMACEUTICAL PREPARATIONS COMPRISING THEM**

• **DERIVES DE SPIROIMIDAZOLIDINE, PREPARATION ET UTILISATION DE CES DERIVES ET PREPARATION PHARMACEUTIQUES A BASE DE CES DERIVES.**

(71) **AVENTIS PHARMA DEUTSCHLAND GMBH** [DE/DE]; Brüningstraße 50, D-65929 Frankfurt (DE).

(72) **WEHNER, Volkmar**; Lindenstraße 1, D-97657 Sandberg (DE). **STILZ, Hans, Ulrich**; Johannesallee 18, D-65929 Frankfurt (DE). **SCHMIDT, Wolfgang**; Johannesallee 14, D-65929 Frankfurt (DE). **SEIFFGE, Dirk**; Kostheimer Landstraße 11, D-55246 Mainz-Kostheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **C07D 239/46, 253/06, 401/04, 417/12, A61K 31/505, A61P 9/00**

(11) **WO 00/69832** (13) A1

(21) PCT/US00/09806

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/134,794 **19 May/mai 1999 US (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **SUBSTITUTED POLYCYCLIC ARYL AND HETEROARYL PYRIMIDINONES USEFUL AS ANTICOAGULANTS**

• **PYRIMIDINONES ARYLE ET HETEROARYLE POLYCYCLIQUES SUBSTITUEES UTILISEES COMME ANTICOAGULANTS**

(71) **MONSANTO COMPANY** [US/US]; P.O. Box 5110, Chicago, IL 60680-5110 (US).  
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(72, 75) **SOUTH, Michael, S.** [US/US]; 11671 Chieftain Drive, St. Louis, MO 63146 (US). **HAMME, Ashton, T., II** [US/US]; 1501 B Oak Forest Parkway Ct., St. Louis, MO 63146 (US). **NEUMANN, William** [US/US]; 212 West Monroe, St. Louis, MO 63122 (US). **JONES, Darin, E.** [US/US]; 408 Johanna Place, Ballwin, MO 63021 (US). **RUEPPEL, Melvin, L.** [US/US]; 1904 Grassy Ridge Road, St. Louis, MO 63122 (US).

(74) **WILLIAMS, Roger, A.** et al. / etc.; Corporate Patent Dept., Monsanto Company, P.O. Box 5110, Chicago, IL 60680-5110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07D 239/54, 253/06, 417/12, A61K 31/505, A61P 7/02

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(21) PCT/US00/08226

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 60/134,957 19 May/mai 1999 US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SUBSTITUTED POLYCYCLIC ARYL AND HETEROARYL URACILS AS ANTICOAGULATIVE AGENTS

• ANTICOAGULANTS A BASE D'URACILS D'ARYLE POLYCYCLIQUES ET D'HETEROARYLES

(71) MONSANTO COMPANY [US/US]; Corporate Patent Department, P.O. Box 5110, Chicago, IL 60680 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SOUTH, Michael, S. [US/US]; 11671 Chieftain Drive, St. Louis, MO 63146 (US). JONES, Darin, E. [US/US]; 408 Johanna Place Drive, Ballwin, MO 63146 (US). RUEPPEL, Melvin, L. [US/US]; 1904 Grassy Ridge Road, St. Louis, MO 63122 (US).

(74) WILLIAMS, Roger, A. et al. / etc.; Monsanto Company, Corporate Patent Department, P.O. Box 5110, Chicago, IL 60680 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07D 241/20, 417/12, 401/12, 403/12, 413/12, 409/12, A61K 31/495, 31/497, A61P 7/02

(11) WO 00/69834 (13) A1

(21) PCT/US00/08225

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 60/134,958 19 May/mai 1999 US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SUBSTITUTED POLYCYCLIC ARYL AND HETEROARYL PYRAZINONES USEFUL FOR SELECTIVE INHIBITION OF THE COAGULATION CASCADE

• PYRAZINONES D'HETEROARYLE ET D'ARYLE POLYCYCLIQUE SUBSTITUEES UTILES A L'INHIBITION SELECTIVE DE LA COAGULATION EN CASCADE

(71) MONSANTO COMPANY [US/US]; Corporate Patent Department, P.O. Box 5110, Chicago, IL 60680 (US). *(for all designated States except / pour tous les États désignés sauf US)*

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(74) WILLIAMS, Roger, A. et al. / etc.; Monsanto Company, Corporate Patent Department, P.O. Box 5110, Chicago, IL 60680 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07D 243/00

(11) WO 00/69835 (13) A2

(21) PCT/EP00/04033

(22) 5 May/mai 2000 (05.05.2000)

(25) en (26) en

(30) 99109514.2 12 May/mai 1999 EP (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PROCESS FOR MANUFACTURING DIAZEPINE DERIVATIVES

• PROCEDE DE FABRICATION DE DERIVES DE LA DIAZEPINE

(71) F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basle (CH).

(72) HOFFMANN-EMERY, Fabienne; Muttenzerstrasse 71, CH-4127 Birsfelden (CH).

(74) WAECHTER, Dieter; Grenzacherstrasse 124, CH-4070 Basle (CH).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 243/16, 243/20, 243/22, 243/24, 401/04, 401/12, 403/12, 487/04, A61K 31/55 // (C07D 401/04, 243:00, 213:00) (C07D 401/12, 243:00, 213:00) (C07D 487/04, 243:00, 235:00)

(11) WO 00/69836 (13) A1

(21) PCT/US00/13134

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 9911152.8 14 May/mai 1999 GB (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SHORT-ACTING BENZODIAZEPINES

• BENZODIAZEPINES A ACTION BREVE

- (63) US 9911152.8 (CIP)  
14 May/mai 1999 (14.05.1999)
- (71) **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).  
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- (72, 75) **FELDMAN, Paul, L.** [US/US]; Glaxo Wellcome Inc., Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 27709 (US). **JUNG, David, Kendall** [US/US]; Glaxo Wellcome Inc., Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 27709 (US). **KALDOR, Istvan** [HU/US]; Glaxo Wellcome Inc., Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 27709 (US). **PACOFSKY, Gregory, J.** [US/US]; Glaxo Wellcome Inc., Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 27709 (US). **STAFFORD, Jeffrey, A.** [US/US]; Glaxo Wellcome Inc., Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 27709 (US). **TIDWELL, Jeffrey, H.** [US/US]; Glaxo Wellcome Inc., Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 27709 (US).
- (74) **LEVY, David, J.**; Glaxo Wellcome Inc., Five Moore Drive, P.O. Box 13398, Research Triangle Park, NC 27709-3398 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07D 263/20, 263/58**
- (11) **WO 00/69837** (13) A1
- (21) PCT/US00/13435
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 60/134,821 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● PROCESS FOR MAKING FUNCTIONALIZED OXAZOLIDINONE COMPOUNDS  
● PROCEDE DE PREPARATION DE COMPOSES OXAZOLIDINONE FONCTIONNALISES
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).  
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- (72, 75) **BLASS, Benjamin, Eric** [US/US]; 11231 Ascrewwood Drive, Cincinnati, OH 45249 (US).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **C07D 263/58, 277/84, 277/82, A61K 31/428, 31/423, A61P 37/00**
- (11) **WO 00/69838** (13) A1
- (21) PCT/DK00/00255
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) PA 1999 00657 **12 May/mai 1999 DK (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ION CHANNEL MODULATING AGENTS  
● AGENTS DE MODULATION DE CANAUX IONIQUES
- (71) **NEUROSEARCH A/S** [DK/DK]; 93 Pederstrupvej, DK-2750 Ballerup (DK).  
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- (72, 75) **JENSEN, Bo, Skaaning** [DK/DK]; NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **TEUBER, Lene** [DK/DK]; NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **STRØBÆK, Dorte** [DK/DK]; NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **CHRISTOPHERSEN, Palle** [DK/DK]; NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **OLESEN, Søren, Peter** [DK/DK]; NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK).
- (74) **NEUROSEARCH A/S**; Patent Department, 93 Pederstrupvej, DK-2750 Ballerup (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07D 295/26, 317/72, A61K 31/496, A61P 7/00, 11/00, 29/00, 35/00**
- (11) **WO 00/69839** (13) A1
- (21) PCT/GB00/01823
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 9911073.6 **12 May/mai 1999 GB (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● HYDROXAMIC AND CARBOXYLIC ACID DERIVATIVES  
● DERIVES D'ACIDES HYDROXAMIQUE ET CARBOXYLIQUE
- (71) **DARWIN DISCOVERY LIMITED** [GB/GB]; Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB).  
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- (72, 75) **BAXTER, Andrew, Douglas** [GB/GB]; Darwin Discovery Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB). **OWEN, David, Alan** [GB/GB]; Darwin Discovery Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB). **WATSON, Robert, John** [GB/GB]; Darwin Discovery Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (GB). **MONTANA, John, Gary** [GB/GB]; Darwin Discovery Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4WE (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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07D 305/14**
- (11) **WO 00/69840** (13) A1
- (21) PCT/US00/12469
- (22) **8 May/mai 2000 (08.05.2000)**
- (25) en (26) en
- (30) 60/134,469 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● NOVEL REACTION CONDITIONS FOR THE CLEAVAGE OF SILYL ETHERS IN THE PREPARATION OF PACLITAXEL (TAXOL®) AND PACLITAXEL ANALOGUES  
● NOUVELLES CONDITIONS DE REACTION DESTINEES AU CLIVAGE DES



SILYL-ETHERS DANS LA PREPARATION DE PACLITAXEL (TAXOL®) ET D'ANALOGUES DE PACLITAXEL

(71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(72) **SINGH, Ambarish**; 12 Alfred Drive, Bordentown, NJ 08505 (US). **WEAVER, Raymond, E., Jr.**; 61 Country Acres Drive, Hampton, NJ 08827 (US). **POWERS, Gerald, L.**; 721 B Cranbury Cross Road, North Brunswick, NJ 08902 (US). **ROSSO, Victor, W.**; 524 Fairfield Road, East Windsor, NJ 08520 (US).

(74) **BABCOCK, Timothy** et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 307/00

(11) WO 00/69841 (13) A2

(21) PCT/EP00/04015

(22) 4 May/mai 2000 (04.05.2000)

(25) en (26) en

(30) 9911453.0 17 May/mai 1999 GB (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • BENZOFURANYLAMINOALCOHOLS  
• BENZOFURANYLAMINOALCOOLS

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).  
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(74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 307/82, A61K 31/34, A61P 29/00

(11) WO 00/69842 (13) A1

(21) PCT/EP00/04010

(22) 4 May/mai 2000 (04.05.2000)

(25) en (26) en

(30) 9911452.2 17 May/mai 1999 GB (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • BENZOFURANYLSULFONATES  
• BENZOFURANYLSULFONATES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).  
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(72, 75) **BRÄUNLICH, Gabriele** [DE/DE]; Claudiusweg 9, D-42115 Wuppertal (DE). **ES-SAYED, Mazen** [DE/DE]; Ricarda-Huch-Str. 36, D-40764 Langenfeld (DE). **FISCHER, Rüdiger** [DE/DE]; Zu den Fussfällen 23, D-50529 Pulheim (DE). **FUGMANN, Burkhard** [DE/DE]; Dr.-Kessel-Str. 3, D-40878 Ratingen (DE). **HENNING, Rolf** [DE/DE]; Am Jagdhaus 115, D-42113 Wuppertal (DE). **SCHNEIDER, Stephan** [DE/DE]; Am Ringofen 46, D-42327 Wuppertal (DE). **SPERZEL, Michael** [DE/DE]; Normannenstr. 31, D-42275 Wuppertal (DE). **SCHLEMMER, Karl-Heinz** [DE/DE]; Wildsteig 22a, D-42113 Wuppertal (DE). **STURTON, Graham** [GB/GB]; 184 Windsor Road, Bray Maidenhead SL6 2DW (GB). **FITZGERALD, Mary** [GB/GB]; 2 Paternoster Court, Cassington Road Yarton, Oxon OX5 1QB (GB). **BRIGGS, Barbara** [GB/GB]; 24 Latchmere Road, Kingston-upon-Thames, Surrey KT2 5TW (GB). **CONCEPTION, Arnel** [PH/JP]; 3-6-27-207, Shibatsuji-cho, Nara City, Nara 630-8114 (JP). **BULLOCK, William** [US/US]; 60 Hermann Lane, Easton, CT 06612 (US).

(74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 307/82, A61K 31/343, A61P 29/00

(11) WO 00/69843 (13) A2

(21) PCT/EP00/04012

(22) 4 May/mai 2000 (04.05.2000)

(25) en (26) en

(30) 9911458.9 17 May/mai 1999 GB (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CYCLOALKYL SUBSTITUTED 3-UREA-BENZOFURANE-AND -PYRIDOFURANE-DERIVATIVES  
• DERIVES DE 3-UREE-BENZOFURANE- ET -PYRIDOFURANE, SUBSTITUES PAR CYCLOALKYLE

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).  
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(72, 75) **STURTON, Graham** [GB/GB]; 184 Windsor Road, Maidenhead, Berkshire, SL6 2DW (GB). **FITZGERALD, Mary, F.** [GB/GB]; 2 Paternoster Court, Cassington Road, Yarton, Oxford OX5 1QB (GB). **BRIGGS, Barbara, A.** [GB/GB]; 24 Latchmere Road, Kingston, Surrey KT2 5TN (GB). **CONCEPTION, Arnel** [PH/JP]; 3-6-207 Shibatsuji.cho, Nara City, Nara (JP). **BULLOCK, William** [US/US]; 60 Hermann Lane, Easton, CT 06612 (US). **BRÄUNLICH, Gabriele** [DE/DE]; Claudiusweg 9, D-42115 Wuppertal (DE). **ES-SAYED, Mazen** [DE/DE]; Ricarda-Huch-Str. 36, D-40764 Langenfeld (DE). **FISCHER, Rüdiger** [DE/DE]; Christian-Gau-Str. 33, D-50933 Köln (DE). **FUGMANN, Burkhard** [DE/DE]; Dr.-Kessel-Str. 3, D-40878 Ratingen (DE). **HENNING, Rolf** [DE/DE]; Am Jagdhaus 115, D-42113 Wuppertal (DE). **SCHNEIDER, Stephan** [DE/DE]; Am Ringofen 46, D-42327 Wuppertal (DE). **SPERZEL, Michael** [DE/DE]; Normannenstr. 31, D-42275 Wuppertal (DE). **SCHLEMMER, Karl-Heinz** [DE/DE]; Wildsteig 22a, D-42113 Wuppertal (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C07D 307/82, 409/06, 491/048, 407/06, A61K 31/34, 31/44, A61P 29/00 // (C07D 491/048, 221:00, 307:00)
- (11) WO 00/69844 (13) A1
- (21) PCT/EP00/04016
- (22) 4 May/mai 2000 (04.05.2000)
- (25) en (26) en
- (30) 9911456.3 17 May/mai 1999 GB (17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • OLIGOHYDROXYL SUBSTITUTED BENZOFURAN-3-YL AND PYRIDOFURANYLUREA DERIVATIVES AS PHOSPHODIESTERASE IV INHIBITORS
- DERIVES DE PYRIDOFURANYLUREE ET DE BENZOFURAN-3-YLE A SUBSTITUTION OLIGOHYDROXYLE CONVENANT COMME INHIBITEURS DES PHOSPHODIESTERASES IV
- (71) BAYER AKTIENGESELLSCHAFT [DE/DE]; D-51368 Leverkusen (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRÄUNLICH, Gabriele [DE/DE]; Claudiusweg 9, D-42115 Wuppertal (DE). ES-SAYED, Mazen [DE/DE]; Ricarda-Huch-Strasse 36, D-40764 Langenfeld (DE). FISCHER, Rüdiger [DE/DE]; Zu den Fussfällen 23, D-50259 Pulheim (DE). FUGMANN, Burkhard [DE/DE]; Dr.-Kessel-Strasse 3, D-40878 Ratingen (DE). HENNING, Rolf [DE/DE]; Am Jagdhaus 115, D-42113 Wuppertal (DE). SCHNEIDER, Stephan [DE/DE]; Am Ringofen 46, D-42327 Wuppertal (DE). SPERZEL, Michael [DE/DE]; Normannenstrasse 31, D-42275 Wuppertal (DE). SCHLEMMER, Karl-Heinz [DE/DE]; Wildsteig 22a, D-42113 Wuppertal (DE). STURTON, Graham [GB/GB]; 184 Windsor Road, Bray Maidenhead SL6 2DW (GB). FITZGERALD, Mary [GB/GB]; 2 Paternoster Court, Cassington Road, Yarton, Oxon OX5 1QB (GB). BRIGGS, Barbara [GB/GB]; 24 Latchmere Road, Kingston-upon-Thames, Surrey KT2 5TW (GB). CONCEPCION, Arnel [PH/JP]; 3-6-27-207, Shibatsuji-cho, Nara City, Nara 630-8114 (JP). BULLOCK, William [US/US]; 60 Hermann Lane, Easton, CT 06612 (US).
- (74) BAYER AKTIENGESELLSCHAFT; D-51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C07D 337/08, 337/04, 409/12 // C07C 323/52, 323/22
- (11) WO 00/69845 (13) A1
- (21) PCT/JP00/03182
- (22) 18 May/mai 2000 (18.05.2000)
- (25) ja (26) ja
- (30) 11/137387 18 May/mai 1999 JP (18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PROCESSES FOR THE PREPARATION OF 2,3-DIHYDROTHIEPINE DERIVATIVES
- PROCEDES DE PREPARATION DE DERIVES DE 2,3-DIHYDROTHIEPINE
- (71) TAKEDA CHEMICAL INDUSTRIES, LTD. [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ITO, Tatsuya [JP/JP]; 117.1-7 Asahigaoka-Kukakuseirichinai, 1214, Imaizumi, Kashiba-shi, Nara 639-0264 (JP). IKEMOTO, Tomomi [JP/JP]; 11-5, Yamamotomaruhashi 2-chome, Takarazuka-shi, Hyogo 665-0815 (JP). TOMIMATSU, Kiminori [JP/JP]; 12-12-A1002, Nishijuku 2-chome, Mino-shi, Osaka 562-0034 (JP).
- (74) TAKAHASHI, Shuichi et al. / etc.; Osaka Plant of Takeda Chemical Industries, Ltd., 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0024 (JP).
- (81) AE AG AL AM AU AZ BA BB BG BR BY CA CN CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LV MA MD MG MK MN MX MZ NO NZ PL RO RU SG SI SK TJ TM TR TT UA US UZ VN YU ZA; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C07D 401/04, 231/56, A61K 31/416, A61P 35/00
- (11) WO 00/69846 (13) A1
- (21) PCT/EP00/04208
- (22) 4 May/mai 2000 (04.05.2000)
- (25) en (26) en
- (30) 9911053.8 12 May/mai 1999 GB (12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • 4,5,6,7-TETRAHYDROINDAZOLE DERIVATIVES AS ANTITUMOR AGENTS
- DERIVES DE 4,5,6,7-TETRAHYDROINDAZOLE UTILES COMME AGENTS ANTITUMORAUX
- (71) PHARMACIA & UPJOHN S.P.A. [IT/IT]; Via Robert Koch, 1.2, I-20152 Milan (IT). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PEVARELLO, Paolo [IT/IT]; Piazza San Pietro in Ciel d'Oro, 7/A, I-27100 Pavia (IT). VILLA, Manuela [IT/IT]; Via San Bernardino, 12, I-22040 Lurago d'Erba (IT). VARASI, Mario [IT/IT]; Via Giambellino, 80, I-20146 Milan (IT). ISACCHI, Antonella [IT/IT]; Via Montecatini, 14, I-20144 Milan (IT).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C07D 401/04, A61K 31/4427, 31/506, A61P 29/00, C07D 401/14, 403/04, 409/14
- (11) WO 00/69847 (13) A1
- (21) PCT/US00/11531
- (22) 28 Apr/avr 2000 (28.04.2000)
- (25) en (26) en
- (30) 60/134,139 14 May/mai 1999 US (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SUBSTITUTED 3-PYRIDYL-4-ARYLPYRROLES, AND RELATED THERAPEUTIC AND PROPHYLACTIC METHODS
- 3-PYRIDYLE-4-ARYLPYRROLES SUBSTITUES ET METHODES PROPHYLACTIQUES ET THERAPEUTIQUES ASSOCIEES
- (71) ORTHO-MCNEIL PHARMACEUTICAL, INC. [US/US]; U.S. Route 202, Raritan, NJ 08869-0602 (US).
- (72) BULLINGTON, James; 21 Wesleyan Drive, Hamilton Square, NJ 08690 (US).
- (74) CIAMPORCERO, Audley, A. et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07D 401/04, 403/04, A61K 31/4439, 31/506

(11) WO 00/69848 (13) A1

(21) PCT/US00/12973

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 60/134,164 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • COMPOUNDS HAVING CYTOKINE INHIBITORY ACTIVITY  
• COMPOSES AYANT UN EFFET INHIBITEUR SUR LA CYTOKINE

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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(72, 75) LIVERTON, Nigel, J. [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). CLAREMON, David, A. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). THEBERGE, Cory, R. [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 BY 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07D 401/12, 231/14, 403/12, 405/12, 473/34, 417/12, A61K 31/415, 31/4155

(11) WO 00/69849 (13) A1

(21) PCT/US00/11903

(22) 2 May/mai 2000 (02.05.2000)

(25) en (26) en

(30) 60/133,842 12 May/mai 1999 US (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PYRAZOLE CARBOXAMIDES USEFUL FOR THE TREATMENT OF OBESITY AND OTHER DISORDERS  
• CARBOXAMIDES DE PYRAZOLE UTILES POUR LE TRAITEMENT DE L'OBESITE ET D'AUTRES TROUBLES

(71) ORTHO-MCNEIL PHARMACEUTICAL, INC. [US/US]; 920 U.S. Route 202, Raritan, NJ 08869 (US).

(72) KORDIK, Cheryl, P.; 102 Summer Ridge Drive, Lansdale, PA 19446 (US). LOVENBERG, Timothy, W.; 13252 Courtland Terrace, San Diego, CA 92130 (US). REITZ, Allen, B.; 109 Greenbrier Road, Lansdale, PA 19446 (US).

(74) APPOLLINA, Mary, A.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07D 405/12

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(21) PCT/EP00/04006

(22) 4 May/mai 2000 (04.05.2000)

(25) de (26) de

(30) 199 22 316.5 14 May/mai 1999 DE (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR PRODUCING (R)-N-[(BENZO[B]FURAN-2-YL)-ALCOXYCARBONYL]-TRYPTOPHANE ALKYL ESTERS  
• PROCEDE DE PRODUCTION D'ESTERS DE (R)-N-[(BENZO[B]FURAN-2-YL)-ALCOXYCARBONYL]-TRYPTOPHANALKYLE

(71) GÖDECKE AKTIENGESELLSCHAFT [DE/DE]; Salzufer 16, D-10587 Berlin (DE).

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(72, 75) BARTH, Hubert [DE/DE]; Bertolt-Brecht-Weg 6, D-79312 Emmendingen (DE). STEINER, Klaus [DE/DE]; Jörg-Erb-Weg 6, D-79312 Emmendingen (DE). SCHNEIDER, Simon [DE/DE]; Alte Strasse 28a, D-79249 Merzhausen (DE).

(74) MANSMANN, Ivo et al. / etc.; Gödecke AG, Mooswaldallee 1, D-79090 Freiburg (DE).

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

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(22) 4 May/mai 2000 (04.05.2000)

(25) de (26) de

(30) 199 22 317.3 14 May/mai 1999 DE (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD OF PRODUCING (R)-N-[(BENZO[B]FURANE-2-YL)-ALCOXYCARBONYL]-TRYPTOPHANE ALKYL ESTERS

• PROCEDE DE PRODUCTION D'ESTERS DE (R)-N-[(BENZO[B]FURAN-2-YL)-ALCOXYCARBONYL]-TRYPTOPHANALKYLE

(71) GÖDECKE AKTIENGESELLSCHAFT [DE/DE]; Salzufer 16, D-10587 Berlin (DE).

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

(72, 75) BARTH, Hubert [DE/DE]; Bertolt-Brecht-Weg 6, D-79312 Emmendingen (DE). STEINER, Klaus [DE/DE]; Jörg-Erb-Weg 6, D-79312 Emmendingen (DE). SCHNEIDER, Simon [DE/DE]; Alte Strasse 28a, D-79249 Merzhausen (DE).

(74) MANSMANN, Ivo et al. / etc.; Gödecke AG, Mooswaldallee 1, D-79090 Freiburg (DE).

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

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(51)<sup>7</sup> C07D 405/12

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(25) de (26) de

(30) 199 22 315.7 14 May/mai 1999 DE (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

- (54) • METHOD FOR PRODUCING (R)-N-[(BENZO[B]FURAN-2-YL)-ALCOXYCARBONYL]-TRYPTOPHANE ALKYL ESTERS
- PROCEDE DE PRODUCTION D'ESTERS DE (R)-N-[(BENZO[B]FURAN-2-YL)-ALCOXYCARBONYL]-TRYPTOPHANALKYLE
- (71) **GÖDECKE AKTIENGESELLSCHAFT** [DE/DE]; Salzufer 16, D-10587 Berlin (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BARTH, Hubert** [DE/DE]; Bertolt-Brecht-Weg 6, D-79312 Emmendingen (DE). **STEINER, Klaus** [DE/DE]; Jörg-Erb-Weg 6, D-79312 Emmendingen (DE). **SCHNEIDER, Simon** [DE/DE]; Alte Strasse 28a, D-79249 Merzhausen (DE).
- (74) **MANSMANN, Ivo** et al. / etc.; Gödecke AG, Mooswaldallee 1, D-79090 Freiburg (DE).
- (81) AE AL AU BA BB BG BR CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 9911417.5 **18 May/mai 1999 GB (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • FURANONE DERIVATIVES AS INHIBITORS OF CATHEPSIN S
- DERIVES FURANONES INHIBITEURS DE CATHEPSINE S
- (71) **MEDIVIR UK LIMITED** [GB/GB]; Peterhouse Technology Park, 100 Fulbourn Road, Cambridge CB1 9PT (GB). **PEPTIMMUNE, INC.** [US/US]; 64 Sidney Street, Cambridge, MA 02139 (US).  
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- (72, 75) **QUIBELL, Martin** [GB/GB]; 23 Fenec Close, Cherry Hinton, Cambridge CB1 9GS (GB). **TAYLOR, Steven** [GB/GB]; 100 Holly Trees, Bar Hill, Cambridge CB3 8SG (GB).
- (74) **DAVIES, Jonathan, Mark**; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **C07D 409/12, 333/54, 333/62, 333/72, 333/78, 333/80, A01N 43/68**
- (11) **WO 00/69854** (13) A1
- (21) PCT/EP00/03928
- (22) **2 May/mai 2000 (02.05.2000)**
- (25) de (26) de
- (30) 199 21 883.8 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SUBSTITUTED THIENOCYCLOALK(EN)YLAMINO-1,3,5-TRIAZINE
- THIENOCYCLOALK(EN)YLAMINO-1,3,5-TRIAZINES SUBSTITUEES
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).  
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- (72, 75) **KATHER, Kristian** [DE/DE]; Grabenstr. 21, D-40789 Monheim (DE). **LEHR, Stefan** [DE/DE]; Ricarda-Huch-Str. 38, D-40764 Langenfeld (DE). **RIEBEL, Hans-Jochem** [DE/DE]; Heimatstr. 1, D-56242 Selters (DE). **VOIGT, Katharina** [DE/DE]; Radstädter Weg 8, D-40789 Monheim (DE). **DREWES, Mark, Wilhelm** [DE/DE]; Goethestr. 38, D-40764 Langenfeld (DE). **FEUCHT, Dieter** [DE/DE]; Ackerweg 9, D-40789 Monheim (DE). **PONTZEN, Rolf** [DE/DE]; Am Kloster 69, D-42799 Leichlingen (DE). **WETCHOLOWSKY, Ingo** [DE/BR]; Cond. Estancia Marambaia, Rua Avare, 500, CEP-13280-000 Vinhedo, SP (BR).
- (74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **C07D 409/08, A01N 43/56**
- (11) **WO 00/69853** (13) A1
- (21) PCT/JP00/02154
- (22) **3 Apr/avr 2000 (03.04.2000)**
- (25) ja (26) ja
- (30) 11/132791 **13 May/mai 1999 JP (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • AZOLE COMPOUNDS AND HERBICIDE COMPOSITIONS
- COMPOSÉS D'AZOLE ET COMPOSITIONS HERBICIDES
- (71) **IDEMITSU KOSAN CO., LTD.** [JP/JP]; 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).  
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- (72, 75) **SAITOU, Masatoshi** [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba-ken 299-0205 (JP). **SEKIGUCHI, Hiroki** [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba-ken 299-0205 (JP). **OGAWA, Shinichiro** [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba-ken 299-0205 (JP).
- (74) **OHTANI, Tamotsu**; Tomoe-cho Annex-II 4F, 8-27, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (51)<sup>7</sup> **C07D 471/04, A61K 31/475**
- (11) **WO 00/69856** (13) A1
- (21) PCT/AU00/00458
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) PQ 0373 **14 May/mai 1999 AU (14.05.1999)**
- (30) PQ 0506 **21 May/mai 1999 AU (21.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • COMPOUNDS AND THERAPEUTIC METHODS
- COMPOSES ET PROCÉDES THERAPEUTIQUES
- (71) **THE AUSTRALIAN NATIONAL UNIVERSITY** [AU/AU]; Acton, Australian Capital Territory 2601 (AU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **RICKARDS, Rodney, W.** [AU/AU]; 3 Davis Street, Weetangera, Australian Capital Territory 2614 (AU). **SMITH, Geoffrey, D.** [AU/AU]; 64 Goodwin Street, Lynneham, Australian Capital Territory 2602 (AU). **KIRK, Kiaran** [AU/AU]; 18 Hardman Street, O'Connor, Australian Capital Territory 2602 (AU).
- (51)<sup>7</sup> **C07D 409/12, 307/68, 405/12, 409/14, 405/14, 307/32, A61K 31/4015, 31/365, 31/40, 31/381, A61P 37/02**
- (11) **WO 00/69855** (13) A2
- (21) PCT/GB00/01894

- (74) **DEBRUYN, Paula, J.**; Davies Collison Cave, 1 Little Collins St, Melbourne, Victoria 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07D 471/04, 487/04, C07F 7/10 // A61K 31/5517, 31/437, A61P 9/00, 29/00, (C07D 471/04, 235:00, 221:00) (C07D 487/04, 243:00, 235:00)**
- (11) **WO 00/69857** (13) A1
- (21) PCT/US00/13417
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 60/134,829 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● PROCESS FOR MAKING FUSED-RING IMIDAZO-CONTAINING COMPOUNDS  
● PROCEDE DE FABRICATION DE COMPOSES CONTENANT IMIDAZO A CYCLES CONDENSES
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).  
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- (72, 75) **LIU, Song** [CN/US]; 9338 Ambleside Drive, Cincinnati, OH 45241 (US). **LI, Min** [US/US]; 7563 Lakota Springs Drive, West Chester, OH 45069 (US).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07D 487/04, A61K 31/505, A61P 15/00 // (C07D 487/04, 209:00, 239:00) (C07D 487/04, 235:00, 239:00)**
- (11) **WO 00/69859** (13) A1
- (21) PCT/US00/13108
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/310,878 **14 May/mai 1999 US (14.05.1999)**
- (30) 09/363,254 **28 Jul/juil 1999 US (28.07.1999)**
- (30) 09/405,286 **23 Sep/sep 1999 US (23.09.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● IMIDAZO- AND PYRROLO[1,2-A]PYRIMID-4-ONES AS GONADOTROPIN-RELEASING HORMONE RECEPTOR ANTAGONISTS  
● IMIDAZO- ET PYRROLO[1,2-A]PYRIMID-4-ONES UTILISES
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- (51)<sup>7</sup> **C07D 487/04, A61K 31/5517, A61P 25/22, 25/08 // (C07D 487/04, 243:00, 235:00)**
- (11) **WO 00/69858** (13) A1
- (21) PCT/EP00/04034
- (22) **5 May/mai 2000 (05.05.2000)**
- (25) en (26) en
- (30) 99109513.4 **12 May/mai 1999 EP (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● IMIDAZODIAZEPINE DERIVATIVE  
● DERIVE D'IMIDAZODIAZEPINE
- (71) **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).
- (72) **JENCK, François**; 32, rue Joffre, F-68400 Riedisheim (FR). **HOFFMANN-EMERY, Fabienne**; Muttenerstrasse 71, CH-4127 Birsfelden (CH). **HUNKELER, Walter**; Im Stigler 32, CH-4312 Magden (CH). **MARTIN, James, Richard**; Schulgasse 14, CH-4106 Therwil (CH). **SLEIGHT, Andrew**; Résidence Le Manoir, 3a, rue de la Lisière, F-68400 Riedisheim (FR).
- (74) **WAECHTER, Dieter**; Grenzacherstrasse 124, CH-4070 Basel (CH).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> **C07D 487/04, A61K 31/415 // (C07D 487/04, 235:00, 221:00) (C07D 487/04, 235:00, 223:00)**
- (11) **WO 00/69860** (13) A1
- (21) PCT/US00/13413
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 60/134,822 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● IMIDAZO-CONTAINING HETEROCYCLIC COMPOUNDS, THEIR COMPOSITIONS AND USES  
● COMPOSES HETEROCYCLIQUES A CONTENU IMIDAZO, PREPARATIONS EN ETANT FAITES, ET LEURS UTILISATIONS
- (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) **LIU, Song** [CN/US]; 9338 Ambleside Drive, Cincinnati, OH 45241 (US). **PORTLOCK, David, Edward** [US/US]; 3237 Chestnut Landing Drive, Maineville,

- OH 45039 (US). **PONG, Schwe, Fang** [US/US]; 8005 Tylers Way, West Chester, OH 45069 (US).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **C07D 513/04, A61K 31/519, A61P 29/00**
- (11) **WO 00/69861** (13) A1
- (21) PCT/US00/13410
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 09/313,048 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **THIAZOLOPYRIMIDINES USEFUL AS TNF $\alpha$  INHIBITORS**
- **THIAZOLPYRIMIDINES SERVANT D'INHIBITEURS DE TNF $\alpha$**
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th floor, Oakland, CA 94607-5200 (US).  
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- (72, 75) **CARSON, Dennis, A.** [US/US]; 14824 Vista Del Oceano, Del Mar, CA 92014 (US). **COTTAM, Howard, B.** [US/US]; 1890 Lendee Drive, Escondido, CA 92025 (US). **DENG, Lynn** [CN/US]; 16435 Armstead Street, Grenada Hills, CA 91344 (US).
- (74) **MCCRACKIN, Ann, M.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **C07D 515/00**
- (11) **WO 00/69862** (13) A2
- (21) PCT/GB00/01852
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 9911345.8 **14 May/mai 1999 GB (14.05.1999)**
- (30) 9918178.6 **2 Aug/août 1999 GB (02.08.1999)**
- (30) 9923632.5 **6 Oct/oct 1999 GB (06.10.1999)**
- (30) 0001063.7 **17 Jan/jan 2000 GB (17.01.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **HEMISYNTHETIC METHOD AND NEW COMPOUNDS**
- **PROCEDE HEMISYNTHEIQUE ET NOUVEAUX COMPOSES**
- (71) **PHARMA MAR, S.A.** [ES/ES]; Calle de la Calera, 3, Poligono Industrial de Tres Cantos, Tres Cantos, E-28760 Madrid (ES).  
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- (71) **RUFFLES, Graham, Keith** [GB/GB]; 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).  
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- (72, 75) **CUEVAS, Carmen** [ES/ES]; Pharma Mar, S.A., Calle de la Calera, 3, Poligono Industrial de Tres Cantos, Tres Cantos, E-28760 Madrid (ES). **PEREZ, Marta** [ES/ES]; Pharma Mar, S.A., Calle de la Calera, 3, Poligono Industrial de Tres Cantos, Tres Cantos, E-28760 Madrid (ES). **FRANCESCH, Andres** [ES/ES]; Pharma Mar, S.A., Calle de la Calera, 3, Poligono Industrial de Tres Cantos, Tres Cantos, E-28760 Madrid (ES). **FERNANDEZ, Carolina** [ES/ES]; Pharma Mar, S.A., Calle de la Calera, 3, Poligono Industrial de Tres Cantos, Tres Cantos, E-28760 Madrid (ES). **CHICHARRO, Jose Luis** [ES/ES]; Pharma Mar, S.A., Calle de la Calera, 3, Poligono Industrial de Tres Cantos, Tres Cantos, E-28760 Madrid (ES). **GALLEGO, Pilar** [ES/ES]; Pharma Mar, S.A., Calle de la Calera, 3, Poligono Industrial de Tres Cantos, Tres Cantos, E-28760 Madrid (ES). **ZARZUELO, Maria** [ES/ES]; Pharma Mar, S.A., Calle de la Calera, 3, Poligono Industrial de Tres Cantos, Tres Cantos, E-28760 Madrid (ES). **DE LA CALLE, Fernando** [ES/ES]; Pharma Mar, S.A., Calle de la Calera, 3, Poligono Industrial de Tres Cantos, Tres Cantos, E-28760 Madrid (ES). **MANZANARES, Ignacio** [ES/ES]; Pharma Mar, S.A., Calle de la Calera, 3, Poligono Industrial de Tres Cantos, Tres Cantos, E-28760 Madrid (ES).
- (74) **RUFFLES, Graham, Keith**; Marks & Clerk, 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07F 1/08, 5/00, 7/02, 19/00**
- (11) **WO 00/69863** (13) A1
- (21) PCT/US00/13597
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 09/314,311 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **MOCVD PRECURSORS BASED ON ORGANOMETALLOID LIGANDS**
- **PRECURSEURS DE DEPOT CHIMIQUE METAL-OXYDE EN PHASE VAPEUR A BASE DE LIGANDS ORGANOMETALLOIDIQUES**
- (71) **RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK** [US/US]; P.O. Box 9, Albany, NY 12201-0009 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WELCH, John, T.** [US/US]; 11 Parkwood Avenue, Albany, NY 12203 (US). **TOSCANO, Paul, J.** [US/US]; 120 Mohawk Drive, Schenectady, NY 12303 (US). **CLAESSEN, Rolf** [DE/US]; 164 North Allen Street, Albany, NY 12208 (US). **KORNILOV, Andrei** [UA/UA]; 56A Geroev Stalingrada Av. #77, Kiev, 252213 (UA). **BAN-GER, Kulbinder, K.** [GB/US]; 94 North Pine Street, Apt. 4, Albany, NY 12203 (US).
- (74) **GIOENI, Mary, Louise** et al. / etc.; Heslin & Rothenberg, P.C., 5 Columbia Circle, Albany, NY 12203 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07F 9/06**
- (11) **WO 00/69864** (13) A1
- (21) PCT/US00/13602
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en

- (30) 09/315,217 **19 May/mai 1999** US  
(19.05.1999)
- (30) 09/503,128 **11 Feb/fév 2000** US  
(11.02.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● AN IMPROVED SYNTHESIS OF TETRAKIS (DIHYDRO CARBYLAMINO) PHOSPHONIUM HALIDES  
● SYNTHESE AMELIOREE D'HALOGENURES DE TETRAKIS (DIHYDRO CARBYLAMINO) PHOSPHONIUM
- (71) **ALBEMARLE CORPORATION** [US/US]; 451 Florida Street, Baton Rouge, LA 70801-1765 (US).
- (72) **FLETCHER, Michelle, O.**; 11555 Southfork Drive, Apt. 1076, Baton Rouge, LA 70816 (US). **DEVROU, Philip, R.**; 35031 Stonecastle Drive, Denham Springs, LA 70706 (US). **BALHOFF, John, F.**; 2816 Dakin Avenue, Baton Rouge, LA 70820 (US). **ATKINSON, Brian**; 97 The Oval, Brookfield, Middlesbrough TS5 8HR (GB).
- (74) **PIPPENGER, Philip, M.** et al. / etc.; Albemarle Corporation, Patent & Trademark Division, 451 Florida Street, Baton Rouge, LA 70801-1765 (US).
- (81) CA CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **C07F 9/11, 9/117, 9/12, 9/655**
- (11) **WO 00/69865** (13) A1
- (21) PCT/AU00/00452
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) PQ 0374 **14 May/mai 1999** AU  
(14.05.1999)
- (30) PCT/AU00/00038 **25 Jan/jan 2000** AU  
(25.01.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● IMPROVED PROCESS FOR PHOSPHORYLATION AND COMPOUNDS PRODUCED BY THIS PROCESS  
● PROCEDE AMELIORE DE PHOSPHORYLATION ET COMPOSES OBTENUS PAR CELUI-CI
- (71) **SWIG PTY LTD** [AU/AU]; Greenberg & Co., 1250 Malvern Road, Malvern, VIC 3144 (AU).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WEST, Simon, Michael** [AU/AU]; 3 Verdon Street, Williamstown, VIC 3016 (AU).
- (74) **MCMASTER OBERIN ARTHUR ROBINSON & HEDDERWICKS**; 530 Collins Street, Melbourne, VIC 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07F 9/50, 9/53, 9/46**
- (11) **WO 00/69866** (13) A1
- (21) PCT/US00/10625
- (22) **19 Apr/avr 2000 (19.04.2000)**
- (25) en (26) en
- (30) 2,272,447 **19 May/mai 1999** CA  
(19.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● PREPARATION OF ALKYLARYLPHOSPHINES OR THEIR OXIDES OR SULFIDES  
● PREPARATION D'ALKYLARYLPHOSPHINES OU DE LEURS OXYDES OU SULFURES
- (71) **CYTEC TECHNOLOGY CORP.** [US/US]; 300 Delaware Avenue, Wilmington, DE 19801 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HILLHOUSE, John, H.** [CA/CA]; 7426 Woodgate Street, Niagara Falls, Ontario L2J 3Z6 (CA). **DEPALO, Michael** [CA/CA]; 4018 Montcalm Crescent, Niagara Falls, Ontario L2G 6L8 (CA).
- (74) **DIDAMO, Valerie, T.** et al. / etc.; Cytec Industries Inc., 1937 West Main Street, P.O. Box 60, Stamford, CT 06904-0060 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07F 9/50, 9/46, C08G 67/02**
- (11) **WO 00/69867** (13) A1
- (21) PCT/US00/13318
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/133,924 **13 May/mai 1999** US  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● MANUFACTURE OF OLEFIN/CARBON MONOXIDE POLYMERS  
● FABRICATION DE POLYMERES OLEFINIQUES/MONOXYDE DE CARBONE
- (71) **E.I. DU PONT 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) **WANG, Lin** [US/US]; 112 Brook Run, Hockessin, DE 19707 (US). **LENGES, Geraldine, Marie** [US/US]; 3 Bauer Lane, Wilmington, DE 19810 (US).
- (74) **EVANS, Craig, H.**; E.I. Du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07F 9/553, 9/572, 9/59 // A61K 31/661, A61P 43/00, 37/02, 5/00, 31/18, 37/08, 29/00**
- (11) **WO 00/69868** (13) A1
- (21) PCT/JP00/03055
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) ja (26) ja
- (30) 11/135854 **17 May/mai 1999** JP  
(17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SULPHOSTIN ANALOGUES AND PROCESSES FOR THE PREPARATION OF SULPHOSTIN AND ANALOGUES THEREOF  
● ANALOGUES DE LA SULPHOSTINE ET PROCEDE DE PREPARATION DE LA SULPHOSTINE ET DE SES ANALOGUES
- (71) **ZAIDAN HOJIN BISEIBUTSU KAGAKU KENKYU KAI** [JP/JP]; 14-23, Kamiosaki 3-chome, Shinagawa-ku, Tokyo 141-0021 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKEUCHI, Tomio** [JP/JP]; Nyufuji Manshon 701, 5-1-11, Higashigotanda, Shinagawa-ku, Tokyo 141-0022 (JP). **MURAOKA, Yasuhiko** [JP/JP]; 3-11-2-1107, Takashimadaira, Itabashi-ku, Tokyo 175-0082 (JP). **ABE, Masatoshi** [JP/JP]; 3-17-2-403, Shimo, Kita-ku, Tokyo 115-0042 (JP). **AKIYAMA, Tetsuo** [JP/JP]; 1-35-7, Honan, Suginami-ku, Tokyo 168-0062 (JP). **HARADA, Shigeo** [JP/JP]; 2-37-7, Kamiyama, Setagaya-ku, Tokyo 154-0011 (JP).

- (74) **ASAMURA, Kiyoshi** et al. / etc.; New Ohtemachi Building, Room 331 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
- (81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C07F 15/00, 15/02, 15/06, 13/00, 9/00, 7/00, C08F 10/00, 4/64, 4/68, 4/695, 4/70**
- (11) **WO 00/69869** (13) A1
- (21) PCT/GB00/01385
- (22) **12 Apr/avr 2000 (12.04.2000)**
- (25) en (26) en
- (30) 9911245.0 **15 May/mai 1999 GB (15.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • POLYMERISATION CATALYSTS  
• CATALYSEURS DE POLYMERISATION
- (71) **BP CHEMICALS LIMITED** [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BRITOVSEK, George, Johan, Peter** [NL/GB]; 14 De Montfort Road, Streatham Hill, London SW16 1LZ (GB). **GIBSON, Vernon, Charles** [GB/GB]; Flat 2, 46 Prince's Gate, Exhibition Road, London SW7 2QA (GB). **SPITZMESSER, Stefan, Klaus** [DE/GB]; 3 Elgin Mansions, Elgin Avenue, London W9 1JG (GB).
- (74) **SMITH, Julian, Philip, Howard**; BP International Limited, Patents & Agreements, Chertsey Road, Sunbury on Thames, Middlesex TW16 7LN (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07F 17/00, C08F 10/00**
- (11) **WO 00/69870** (13) A1
- (21) PCT/US00/07371
- (22) **17 Mar/mar 2000 (17.03.2000)**
- (25) en (26) en
- (30) 60/133,995 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METAL COMPLEXES CONTAINING BRIDGING HETEROATOM FOR OLEFIN-POLYMERIZATION-PROCESS
- COMPLEXES METALLIQUES CONTENANT UN HETEROATOME DE FORMATION DE PONTS, DESTINE A UN PROCEDE DE POLYMERISATION D'OLEFINES
- (71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KLOSIN, Jerzy** [PL/US]; 2209 Parkwood Drive, Midland, MI 48642 (US). **KRUPER, William, J., Jr.** [US/US]; 230 Barden Road, Sanford, MI 48657 (US). **NICKIAS, Peter, N.** [US/US]; 2705 Mt. Vernon Drive, Midland, MI 48642 (US). **PATTON, Jasson, T.** [US/US]; 1302 Whithall Street, Midland, MI 48642 (US).
- (74) **DELINE, Douglas, N.**; Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07H 1/00**
- (11) **WO 00/69872** (13) A2
- (21) PCT/US00/12186
- (22) **5 May/mai 2000 (05.05.2000)**
- (25) en (26) en
- (30) 09/312,172 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • pH DEPENDENT ION EXCHANGE MATRIX AND METHOD OF USE IN THE ISOLATION OF NUCLEIC ACIDS  
• MATRICE ECHANGEUSE D'IONS DEPENDANT DU pH, UTILISEE POUR ISOLER DES ACIDES NUCLEIQUES
- (71) **PROMEGA CORPORATION** [US/US]; 2800 Woods Hollow Road, Madison, WI 53711-5399 (US).
- (72) **SMITH, Craig, E.**; 969 Autumn Woods Lane, Oregon, WI 53575 (US). **HOLMES, Diana, L.**; 4818 Tile Line Road, Crystal Lake, IL 60012 (US). **SIMPSON, Daniel, J.**; 1329 North High Point Road, Middleton, WI 53562 (US). **KATZHENDLER, Jehoshua**; Hapalmach Street 68, 91120 Jerusalem (IL). **BITNER, Rex, M.**; W53 N598 Birch Street, Cedarburg, WI 53012 (US). **GROSCH, Josephine, C.**; 6121 Jacoby Drive, Mazomanie, WI 53560 (US).
- (74) **FRENCHICK, Grady, J.** et al. / etc.; Michael Best & Friedrich LLP, One South Pinckney Street, Suite 700, P.O. Box 1806, Madison, WI 53701-1806 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07H 1/00, 21/00, C12N 5/00, 15/00, A61K 31/70**
- (11) **WO 00/69873** (13) A1
- (21) PCT/US00/13214
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en



- (30) 09/311,392 **13 May/mai 1999** US  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TRMD  
• POLYPEPTIDES TRMD
- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). **SMITHKLINE BEECHAM PLC** [GB/GB]; One New Horizons Court, Great West Road, Brentford, Middlesex TW8 9EP (GB).
- (72) **ZALACAIN, Magdalena**; 126 Woodmint Drive, West Chester, PA 19380 (US). **BISWAS, Sanjoy**; 77 S. Valley Road, Apt. B4, Paoli, PA 19301 (US). **WARREN, Richard, L.**; 825 Cathcart Road, Blue Bell, PA 19422 (US). **TRAINI, Christopher, M.**; 50 Potter Court, Media, PA 19063 (US).
- (74) **BLOOM, Allen**; Dechert Price & Rhoads, 4000 Bell Atlantic Tower, 1717 Arch Street, Philadelphia, PA 19103-2793 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **C07H 17/08, A61K 31/70**
- (11) **WO 00/69874** (13) A1
- (21) PCT/IB00/00463
- (22) **14 Apr/avr 2000 (14.04.2000)**
- (25) en (26) en
- (30) 60/134,644 **18 May/mai 1999** US  
(18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • NOVEL CRYSTALLINE FORMS OF A MACROLIDE ANTIBIOTIC  
• NOUVELLES FORMES CRISTAL-LINES D'UN MACROLIDE
- (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) **RAFKA, Robert, John** [US/US]; 455 Taugwonk Road, Stonington, CT 06378-1804 (US). **ALLEN, Douglas, John, Meldrum** [US/US]; 549 Ocean Avenue, New London, CT 06320 (US). **RAGAN, Colman, Brendan** [US/US]; 9 Jackson avenue, Mystic, CT 06355 (US). **MORTON, Barry, James** [US/US]; 3 Maid Marion Drive, Gales Ferry, CT 06335 (US).
- (74) **SPIEGEL, Allen, J.** et al. / etc.; Pfizer Inc., 235 East 42nd Street, New York, NY 10017 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **C07H 17/08, A61K 31/70**
- (11) **WO 00/69875** (13) A1
- (21) PCT/US00/12202
- (22) **4 May/mai 2000 (04.05.2000)**
- (25) en (26) en
- (30) 09/312,517 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • C-2 MODIFIED ERYTHROMYCIN DERIVATIVES  
• DERIVES DE L'ERYTHROMICINE C-2 MODIFIEE
- (71) **ABBOTT LABORATORIES** [US/US]; D377/AP6D, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).
- (72) **MA, Zhenkun**; 7193 Presidential Drive, Gurnee, IL 60031 (US). **OR, Yat, Sun**; 226 Walden Street, Apt. 2A, Cambridge, MA 02140 (US). **PHAN, Ly, Tam**; 4121 Greenleaf Court, Apt. 304, Park City, IL 60085 (US). **SUOMING, Zhang**; P.O. Box 117200, Gainesville, FL 32611-7200 (US). **CLARK, Richard, F.**; 425 Hillside Drive, Mundelein, IL 60060 (US).
- (74) **SICKERT, Dugal, S.** et al. / etc.; D377/AP6D, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).
- (81) CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **C07H 19/173, A61K 31/70, A61P 31/18**
- (11) **WO 00/69876** (13) A1
- (21) PCT/JP00/03024
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 11/131539 **12 May/mai 1999** JP  
(12.05.1999)
- (30) 11/174920 **22 Jun/juin 1999** JP  
(22.06.1999)
- (30) 11/318246 **9 Nov/nov 1999** JP  
(09.11.1999)
- (30) 2000/81117 **23 Mar/mar 2000** JP  
(23.03.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • 4'-C-ETHYNYL PURINE NUCLEOSIDES  
• NUCLEOSIDES DE PURINE 4'-C-ETHYNYLE
- (71) **YAMASA CORPORATION** [JP/JP]; 10-1, Araoicho 2-chome, Choshi-shi, Chiba 288-0056 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OHRUI, Hiroshi** [JP/JP]; 2-901, Odawarayamamotocho 5-chome, Miyaginoku, Sendai-shi, Miyagi 983-0817 (JP). **KODAMA, Eiichi** [JP/JP]; 1-411 Mukaijima, Koushincho 14-chome, Fushimi-ku, Kyoto-shi, Kyoto 612-8122 (JP). **KOHGO, Satoru** [JP/JP]; 13-10, Tsutsumimachi 2-chome, Aoba-ku, Sendai-shi, Miyagi 981-0912 (JP). **MITSUYA, Hiroaki** [JP/JP]; 23-1-601, Shimazaki 1-chome, Kumamoto-shi, Kumamoto 860-0073 (JP). **MATSUOKA, Masao** [JP/JP]; 13-5-204 Ouginosato 4-chome, Ootsu-shi, Shiga 520-0246 (JP). **KITANO, Kenji** [JP/JP]; 1-12, Suehirocho, Choshi-shi, Chiba 288-0042 (JP).
- (74) **ARUGA, Mitsuyuki** et al. / etc.; Kyodo Bldg., 3-6, Nihonbashiningyocho 1-chome, Chuo-ku, Tokyo 103-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07H 21/00, 21/02

(11) WO 00/69878 (13) A1

(21) PCT/US00/13777

(22) 19 May/mai 2000 (19.05.2000)

(25) en (26) en

(30) 09/314,603 19 May/mai 1999 US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • UNIVERSAL SOLID SUPPORTS SUITABLE FOR THE SYNTHESIS OF NUCLEIC ACIDS

• SUPPORTS SOLIDES UNIVERSELS ADAPTES A LA SYNTHÈSE D'ACIDES NUCLEIQUES

(63) US 09/314,603 (CON)  
19 May/mai 1999 (19.05.1999)

(71, 72) NGO, Nam, Q. [VN/US]; 4191 Rincon Avenue, Campbell, CA 95008 (US).

(74) MOOI, Leslie A. et al. / etc.; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07H 21/02, C07K 1/00, 16/00, C12N 15/00, C12P 21/06

(11) WO 00/69879 (13) A2

(21) PCT/US00/12917

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 60/134,209 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CA7 CG04 GENE

• GENE CA7 CG04

(71) MYRIAD GENETICS, INC. [US/US]; 320 Wakara Way, Salt Lake City, UT 84108 (US). THE HOSPITAL FOR SICK CHILDREN [CA/CA]; 555 University Avenue, Toronto, Ontario M5G 1X8 (CA).

(72) TAVTIGIAN, Sean, V.; 557 East 1st Avenue, Salt Lake City, UT 84103 (US). SWEDLUND, Brad; 381 North "H" Street, Salt Lake City, UT 84103 (US). SIMARD, Jacques; 4808 Du Pilet, St. Augustin de DesMaures, Quebec G3A 1Z9 (CA). ROMMENS, Johanna, M.; 1501-717 Bay Street, Toronto, Ontario M5G 2J9 (CA).

(74) IHNEN, Jeffrey, L. et al. / etc.; Rothwell, Figg, Ernst & Manbeck, Suite 701 East, 555 13th Street N.W., Columbia Square, Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07H 21/02

(11) WO 00/69880 (13) A1

(21) PCT/US00/13687

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 09/313,913 18 May/mai 1999 US (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • IL-9/IL-2 RECEPTOR-LIKE MOLECULES AND USES THEREOF

• MOLECULES DE TYPE RECEPTEURS D'IL-9/IL-2 ET UTILISATION DE CES DERNIERES

(71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).

(72) HODGE, Martin, R.; 39 Crawford Street, Arlington, MA 02474 (US).

(74) SPRUILL, W., Murray et al. / etc.; Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234-4009 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>6</sup> C07H 21/04, C12N 1/20, C12P 21/06, C07K 1/00

(11) WO 00/69881 (13) A1

(21) PCT/US99/10504

(22) 12 May/mai 1999 (12.05.1999)

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ESTROGEN RESPONSE ELEMENT BINDING PROTEINS AND NUCLEOTIDES ENCODING THEREFOR

• PROTEINES DE LIAISON A UN ELEMENT DE REPONSE AUX OESTROGENES ET NUCLEOTIDES CODANT POUR CES PROTEINES

(71) CEDARS-SINAI MEDICAL CENTER [US/US]; 8700 Beverly Boulevard, Los Angeles, CA 90048-1865 (US).

(72) ADAMS, John, S.; 16422 Sloan Drive, Los Angeles, CA 90049 (US).

(74) RAMOS, Robert, T. et al. / etc.; Campbell & Flores LLP, Suite 700, 4370 La Jolla Village Drive, San Diego, CA 92122 (US).

(81) JP.

(51)<sup>7</sup> C07H 21/04, C12Q 1/68

(11) WO 00/69882 (13) A1

(21) PCT/US00/13168

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 60/134,180 13 May/mai 1999 US (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • GENETIC MARKER FOR MEAT QUALITY, GROWTH, CARCASS AND REPRODUCTIVE TRAITS IN LIVESTOCK

• MARQUEUR GENETIQUE POUR LA QUALITE DE VIANDE, LA CROISSANCE, LA CARCASSE ET LES CARACTERISTIQUES REPRODUCTRICES DU BETAIL

- (71) **THE PENN STATE RESEARCH FOUNDATION** [US/US]; 304 Old Main, University Park, PA 16802-7000 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GREGER, Douglas, L.** [US/US]; 23 Coventry Lane, State College, PA 16803 (US).
- (74) **RIGAUT, Kathleen, D.**; Dann, Dorfman, Herrell and Skillman, Suite 720, 1601 Market Street, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07H 21/04, C12N 1/04, 5/10, 15/00, 15/29, 15/82, A01H 1/00, 5/00, 9/00, 11/00**
- (11) **WO 00/69883** (13) A1
- (21) PCT/US00/13379
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 60/134,373 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHODS FOR INCREASING PLANT CELL PROLIFERATION BY FUNCTIONALLY INHIBITING A PLANT CYCLIN INHIBITOR GENE
- PROCEDES POUR ACCROITRE LA PROLIFERATION DE CELLULES VEGETALES PAR INHIBITION FONCTIONNELLE D'UN GENE INHIBITEUR DE LA CYCLINE VEGETALE
- (71) **FRED HUTCHINSON CANCER RESEARCH CENTER** [US/US]; 1100 Fairview Avenue North, M/S C2M 027, Seattle, WA 98109-1024 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROBERTS, James** [US/US]; 2540 Shoreland Drive South, Seattle, WA 98144 (US).  
**KELLY, Beth** [US/US]; 2156 6th Avenue West, Seattle, WA 98119 (US).
- (74) **POOR, Brian, W.** 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07K**
- (11) **WO 00/69884** (13) A2
- (21) PCT/NZ00/00075
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/312,283 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● COMPOSITIONS ISOLATED FROM SKIN CELLS AND METHODS FOR THEIR USE
- COMPOSITIONS ISOLEES A PARTIR DE CELLULES CUTANEEES, ET LEURS PROCEDES D'UTILISATION
- (71) **GENESIS RESEARCH & DEVELOPMENT CORPORATION LIMITED** [NZ/NZ]; 1 Fox Street, Parnell, Auckland (NZ).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WATSON, James, D.** [NZ/NZ]; 769 Riddell Drive, St Heliers, Auckland (NZ).  
**STRACHAN, Lorna** [GB/NZ]; 21 Tower Hill Apartments, 1 Emily Place, Auckland (NZ).  
**ONRUST, Rene** [NZ/NZ]; 21 Duart Avenue, Mt Albert, Auckland (NZ).  
**SLEEMAN, Matthew** [GB/NZ]; 19 Derwent Crescent, Titirangi, Auckland (NZ).  
**KUMBLE, Krishanand, D.** [NZ/US]; 2301 S Millbend Drive #706, The Woodlands, TX 77380 (US).  
**MURISON, James, G.** [NZ/NZ]; 24 Calgary Street, Sandringham, Auckland (NZ).
- (74) **BENNETT, Michael, Roy** et al. / etc.; West-Walker Bennett, Mobil on the Park, 157 Lambton Quay, Wellington (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07K 1/00**
- (11) **WO 00/69886** (13) A2
- (21) PCT/GB00/01822
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 9911298.9 **14 May/mai 1999 GB (14.05.1999)**
- (30) 9930530.2 **23 Dec/déc 1999 GB (23.12.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● OLIGOMERIC CHAPERONE PROTEINS
- PROTEINES CHAPERONS OLIGOMERES
- (71) **MEDICAL RESEARCH COUNCIL** [GB/GB]; 20 Park Crescent, London W1N 4AL (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HILL, Fergal, Conan** [GB/FR]; 6, rue des Fosses, F-63730 Les Martres de Veyre (FR).  
**CHATELLIER, Jean** [FR/GB]; 5 Cheddars Lane, Cambridge CB5 8LD (GB).  
**FERSHT, Alan** [GB/GB]; MRC Unit for Protein Function and Design, Department of Chemistry, Lensfield Road, Cambridge CB2 1EW (GB).
- (74) **MASCHIO, Antonio** 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07K**
- (11) **WO 00/69885** (13) A2
- (21) PCT/US00/13361
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/312,359 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SECRETED PROTEINS AND USES THEREOF
- PROTEINES SECRETEES ET LEUR UTILISATION

(51)<sup>7</sup> C07K 1/00

(11) WO 00/69887 (13) A2

(21) PCT/GB00/01854

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 9910975.3 13 May/mai 1999 GB  
(13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • RAPID DEHYDRATION OF PROTEINS  
• RAPIDE DESHYDRATATION DE PROTEINES(71) UNIVERSITY OF STRATHCLYDE [GB/GB]; McCance Building, 16 Richmond Street, Glasgow G1 1XQ (GB). THE UNIVERSITY COURT OF THE UNIVERSITY OF GLASGOW [GB/GB]; Gilbert Scott Building, University Avenue, Glasgow G12 8QQ (GB).  
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(72, 75) MOORE, Barry, Douglas [GB/GB]; Top Flat, 36 Queen Mary Avenue, Crosshill, Glasgow G42 8DT (GB). PARKER, Marie, Claire [GB/GB]; Top Flat, 36 Queen Mary Avenue, Crosshill, Glasgow G42 8DT (GB). HALLING, Peter, James [GB/GB]; 2/2 34 Montague Street, Glasgow G4 9HX (GB). PARTRIDGE, Joann [GB/GB]; 38 Edgehill Road, Glasgow G11 7JD (GB).

(74) MCCALLUM, William, Potter et al. / etc.; Cruikshank &amp; Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K 1/22, 14/00, 1/04, C12N 15/10, C07K 14/31, G01N 33/68, A61K 38/04

(11) WO 00/69888 (13) A1

(21) PCT/GB00/01843

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 9911287.2 14 May/mai 1999 GB  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SELF-ASSEMBLING BIOMOLECULAR STRUCTURES  
• STRUCTURES DE BIOMOLECULES D'ASSEMBLAGE AUTOMATIQUE(71) AFFIBODY TECHNOLOGY SWEDEN AB [SE/SE]; Björnäsavägen 21, S-113 47 Stockholm (SE).  
(for all designated States except / pour tous les États désignés sauf US)(71) GARDNER, Rebecca [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).  
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(72, 75) NYGREN, Per-Åke [SE/SE]; Singelgränd 36, S-178 40 Ekerö (SE). UHLÉN, Mathias [SE/SE]; Måsvägen 8B, S-183 51 Täby (SE).

(74) GARDNER, Rebecca et al. / etc.; Frank B. Dehn &amp; Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07K 5/06, A61K 38/04

(11) WO 00/69889 (13) A1

(21) PCT/CA00/00567

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/134,150 14 May/mai 1999 US  
(14.05.1999)(30) 60/158,778 12 Oct/oct 1999 US  
(12.10.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PHOSPHONIC AND CARBOXYLIC ACID DERIVATIVES AS INHIBITORS OF PROTEIN TYROSINE PHOSPHATASE-1B (PTP-1B)

• DERIVES D'ACIDE PHOSPHONIQUE ET CARBOXYLIQUE EN TANT QU'INHIBITEURS DE LA TYROSINE PHOSPHATASE-1B (PTP-1B) DE PROTEINE

(71) MERCK FROSST CANADA & CO. [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA).  
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(72, 75) LEBLANC, Yves [CA/CA]; (CA). DUFRESNE, Claude [CA/CA]; (CA). ROY, Patrick [CA/CA]; (CA). WANG, Zhaoyin [CA/CA]; 16711 Trans-Canada Highway, Kirkland, Québec H9H 3L1 (CA).

(74) MURPHY, Kevin, P. et al. / etc.; Swabey 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 BY 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07K 7/06, A61K 38/08, A61P 1/02

(11) WO 00/69890 (13) A1

(21) PCT/SE00/00930

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 9901773-3 17 May/mai 1999 SE  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PREVENTION OF DENTAL CARIES  
• PREVENTION DES CARIES DENTAIRES

(71, 72) STRÖMBERG, Nicklas [SE/SE]; Rågången 6A, S-903 37 Umeå (SE). JOHANSSON, Ingegerd [SE/SE]; Svampvägen 18, S-903 39 Umeå (SE).

(74) CONIMAR AB; Box 2086, S-141 02 Huddinge (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07K 7/06, 7/08, 7/22, 14/81, A61K 38/08, 38/57, G01N 33/68, C12N 15/11

(11) WO 00/69891 (13) A2

(21) PCT/US00/13215

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 60/134,446 17 May/mai 1999 US  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PREVINS AS SPECIFIC INHIBITORS AND THERAPEUTIC AGENTS FOR BOTULINUM TOXIN B AND TETANUS NEUROTOXINS  
• PREVINES SERVANT D'INHIBITEURS SPECIFIQUES ET D'AGENTS THERAPEUTIQUES POUR LA TOXINE

BOTULINIQUE TYPE B ET LES  
NEUROTOXINES TETANIQUES

(71) **DEPARTMENT OF THE ARMY** [US/US]; U.S. Army Medical Research and Materiel Command, 504 Scott Street, Fort Detrick, MD 21702-5012 (US).

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(72, 75) **GORDON, Richard, K.** [-/US]; 9024 Willow Valley Drive, Potomac, MD 20854 (US). **MOORAD, Deborah, R.** [-/US]; Rockville, MD (US). **DOCTOR, Bhupendra, P.** [-/US]; 10613 Great Arbor Drive, Potomac, MD 20854 (US). **GARCIA, Gregory, E.** [-/US]; Germantown, MD (US).

(74) **WISEMAN, Thomas, G.** et al. / etc.; Morrison & Foerster LLP, 2000 Pennsylvania Avenue, N.W., Washington, DC 20006-1888 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K 9/00, 1/04

(11) **WO 00/69892** (13) A1

(21) PCT/US00/13679

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/134,839 **19 May/mai 1999 US (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • GLYCOPEPTIDE ANTIBIOTICS, COMBINATORIAL LIBRARIES OF GLYCOPEPTIDE ANTIBIOTICS AND METHODS OF PRODUCING SAME

• ANTIBIOTIQUES DE GLYCOPEPTIDE, BIBLIOTHEQUES DE COMBINAISONS D'ANTIBIOTIQUES DE GLYCOPEPTIDES ET PROCEDES DE PRODUCTION DE CES DERNIERS

(71) **PRINCETON UNIVERSITY** [US/US]; 5 New South Building, P.O. Box 36, Princeton, NJ 08544-0036 (US).

(72) **KAHNE, Daniel, E.**; 148 Poe Road, Princeton, NJ 08540 (US). **KERNS, Robert**; 3237 Lindenwood Drive, Dearborn, MI 48120 (US). **FUKUZAWA, Seketsu**; 94-25-108, Senjushido-cho, Adachi-ku, Tokyo 120 (JP). **GE, Min**; 1106 West Drive, Princeton, NJ 08540 (US). **THOMPSON, Christopher**; 3 Bowdoin Drive, Milford, MA 01757 (US).

(74) **VILLACORTA, Gilberto, M.** et al. / etc.; Pepper Hamilton LLP, 600 Fourteenth Street, N.W., Washington, DC 20005-2004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07K 9/00, A61K 38/14

(11) **WO 00/69893** (13) A1

(21) PCT/US00/13751

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/134,841 **19 May/mai 1999 US (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • GLYCOPEPTIDE ANTIBACTERIAL COMPOUNDS, COMPOSITIONS CONTAINING SAME AND METHODS OF USING SAME

• COMPOSES GLYCOPEPTIDIQUES ANTIBACTERIENS, COMPOSITIONS CONTENANT DE TELS COMPOSES ET PROCEDES DANS LESQUELS ILS SONT UTILISES

(71) **MERCK & CO., INC.** [US/US]; P.O. Box 2000, Rahway, NJ 07065-0907 (US). **PRINCETON UNIVERSITY** [US/US]; 5 New South Building, P.O. Box 36, Princeton, NJ 08455-0036 (US).

(72) **KIM, Ronald, M.**; Apartment 3, 812 Washington Street, Hoboken, NJ 07030 (US). **KAHNE, Daniel, E.**; 148 Poe Road, Princeton, NJ 08540 (US). **CHAPMAN, Kevin, T.**; 1974 Duncan Drive, Scotch Plains, NJ 07076 (US).

(74) **PRICE, Robert, L.** et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07K 14/00

(11) **WO 00/69894** (13) A2

(21) PCT/DK00/00247

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) PA 1999 00668 **14 May/mai 1999 DK (14.05.1999)**

(30) PA 1999 01508 **20 Oct/oct 1999 DK (20.10.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • NOVEL INDICATIONS OF MANNAN-BINDING LECTIN (MBL) IN THE TREATMENT OF IMMUNOCOMPROMISED INDIVIDUALS

• NOUVELLES INDICATIONS DE LECTINE DE LIAISON AU MANNANE (MBL) DANS LE TRAITEMENT D'INDIVIDUS IMMUNODEPRIMES

(71, 72) **THIEL, Steffen** [DK/DK]; Villadsensvej 3, DK-8240 Risskov (DK). **JENSENIUS, Jens, Christian** [DK/DK]; Finsens Allé 28, DK-5230 Odense (DK).

(74) **HØIBERG APS**; Nørre Farimagsgade 37, DK-1364 Copenhagen K (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K 14/00

(11) **WO 00/69895** (13) A2

(21) PCT/US00/12909

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 60/134,216 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • BUFORIN I AS A SPECIFIC INHIBITOR AND THERAPEUTIC AGENT FOR BOTULINUM TOXIN B AND TETANUS NEUROTOXINS

• LA BUFORINE I COMME INHIBITEUR SPECIFIQUE ET AGENT THERAPEUTIQUE DE LA TOXINE B BOTULINIQUE ET DES NEUROTOXINES TETANIQUES

(71) **DEPARTMENT OF THE ARMY** [US/US]; U.S. Army Medical Research and Materiel Command, 504 Scott Street, Fort Detrick, MD 21702-5012 (US).

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

(72, 75) **GARCIA, Gregory, E.** [-/US]; Germantown, MD (US). **GORDON, Richard, K.** [-/US]; 9024 Willow Valley Drive, Potomac, MD 20854 (US). **MOORAD, Deborah, R.** [-/US]; Rockville, MD (US). **DOCTOR, Bhupendra, P.** [-/US]; 10613 Great Arbor Drive, Potomac, MD 20854 (US).

(74) <b>WISEMAN, Thomas, G.</b> et al. / etc.; Morrison & Foerster LLP, 2000 Pennsylvania Avenue, N.W., Washington, DC 20006-1888 (US).	US	60/162,498 (CON)	(30) 60/547,276	<b>11 Apr/avr 2000</b> <b>(11.04.2000)</b>	US
	US	29 Oct/oct 1999 (29.10.1999)			
	US	60/170,453 (CON)	(30) 60/196,460	<b>11 Apr/avr 2000</b> <b>(11.04.2000)</b>	US
	US	13 Dec/déc 1999 (13.12.1999)			
(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).	US	60/176,195 (CON)	(30) 60/196,460	<b>11 Apr/avr 2000</b> <b>(11.04.2000)</b>	US
	US	14 Jan/jan 2000 (14.01.2000)			
	US	60/182,296 (CON)	(30) 60/196,528	<b>11 Apr/avr 2000</b> <b>(11.04.2000)</b>	US
	US	14 Feb/fév 2000 (14.02.2000)			
	US	09/547,276 (CON)	(30) 60/196,527	<b>11 Apr/avr 2000</b> <b>(11.04.2000)</b>	US
	US	11 Apr/avr 2000 (11.04.2000)			
	US	60/196,460 (CON)	(30) Not furnished / non communiqué	<b>11 Apr/avr 2000</b> <b>(11.04.2000)</b>	US
	US	11 Apr/avr 2000 (11.04.2000)			
	US	60/196,528 (CON)	(43) 23 Nov/nov 2000 (23.11.2000)		
	US	11 Apr/avr 2000 (11.04.2000)			
	US	60/196,527 (CON)			
	US	11 Apr/avr 2000 (11.04.2000)			
	US	Not furnished / non communiqué (CON)			
	US	11 Apr/avr 2000 (11.04.2000)			
(51) <sup>7</sup> <b>C07K 14/00</b>	(71) <b>ARBOR VITA CORPORATION</b> [US/US]; 772 Lucerne Drive, Sunnyvale, CA 94086 (US). <i>(for all designated States except / pour tous les États désignés sauf US)</i>		(63) US	60/134,114 (CON)	
(11) <b>WO 00/69896</b> (13) A2			US	14 May/mai 1999 (14.05.1999)	
(21) PCT/US00/13161			US	60/134,117 (CON)	
(22) <b>12 May/mai 2000 (12.05.2000)</b>	(72, 75) <b>LU, Peter, S.</b> [US/US]; 99 East Middlefield Road, No. 29, Mountain View, CA 94043 (US).		US	14 May/mai 1999 (14.05.1999)	
(25) en (26) en			US	60/134,118 (CON)	
(30) 60/134,114	(74) <b>APPLE, Randolph, T.</b> et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).		US	14 May/mai 1999 (14.05.1999)	
(30) 60/134,117			US	60/160,860 (CON)	
(30) 60/134,118	(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).		US	21 Oct/oct 1999 (21.10.1999)	
(30) 60/160,860			US	60/162,498 (CON)	
(30) 60/162,498			US	29 Oct/oct 1999 (29.10.1999)	
(30) 60/170,453			US	60/170,453 (CON)	
(30) 60/176,195			US	13 Dec/déc 1999 (13.12.1999)	
(30) 60/182,296			US	60/176,195 (CON)	
(30) 09/547,276			US	14 Jan/jan 2000 (14.01.2000)	
(30) 60/196,460			US	60/182,296 (CON)	
(30) 60/196,528			US	14 Feb/fév 2000 (14.02.2000)	
(30) 60/196,527			US	09/547,276 (CON)	
(30) Not furnished / non communiqué			US	11 Apr/avr 2000 (11.04.2000)	
(43) 23 Nov/nov 2000 (23.11.2000)			US	11 Apr/avr 2000 (11.04.2000)	
(54) ● MOLECULAR INTERACTIONS IN HEMATOPOIETIC CELLS ● INTERACTIONS MOLECULAIRES DANS LES CELLULES HEMATOPOIETIQUES			US	11 Apr/avr 2000 (11.04.2000)	
(63) US	(51) <sup>7</sup> <b>C07K 14/00</b>		US	Not furnished / non communiqué (CON)	
US	(11) <b>WO 00/69897</b> (13) A2		US	11 Apr/avr 2000 (11.04.2000)	
US	(21) PCT/US00/13166		US	11 Apr/avr 2000 (11.04.2000)	
US	(22) <b>12 May/mai 2000 (12.05.2000)</b>		US	11 Apr/avr 2000 (11.04.2000)	
US	(25) en (26) en		US	11 Apr/avr 2000 (11.04.2000)	
	(30) 60/134,114	<b>14 May/mai 1999</b> <b>(14.05.1999)</b>	US	11 Apr/avr 2000 (11.04.2000)	
	(30) 60/134,117	<b>14 May/mai 1999</b> <b>(14.05.1999)</b>	US	11 Apr/avr 2000 (11.04.2000)	
	(30) 60/134,118	<b>14 May/mai 1999</b> <b>(14.05.1999)</b>	US	11 Apr/avr 2000 (11.04.2000)	
	(30) 60/160,860	<b>21 Oct/oct 1999</b> <b>(21.10.1999)</b>	US	11 Apr/avr 2000 (11.04.2000)	
	(30) 60/162,498	<b>29 Oct/oct 1999</b> <b>(29.10.1999)</b>	US	11 Apr/avr 2000 (11.04.2000)	
	(30) 60/170,453	<b>13 Dec/déc 1999</b> <b>(13.12.1999)</b>	US	11 Apr/avr 2000 (11.04.2000)	
	(30) 60/176,195	<b>14 Jan/jan 2000</b> <b>(14.01.2000)</b>	US	11 Apr/avr 2000 (11.04.2000)	
	(30) 60/182,296	<b>14 Feb/fév 2000</b> <b>(14.02.2000)</b>	US	11 Apr/avr 2000 (11.04.2000)	
	(30) 60/196,460	<b>11 Apr/avr 2000</b> <b>(11.04.2000)</b>	US	11 Apr/avr 2000 (11.04.2000)	
	(30) 60/196,528	<b>11 Apr/avr 2000</b> <b>(11.04.2000)</b>	US	11 Apr/avr 2000 (11.04.2000)	
	(30) 60/196,527	<b>11 Apr/avr 2000</b> <b>(11.04.2000)</b>	US	11 Apr/avr 2000 (11.04.2000)	
	(30) Not furnished / non communiqué	<b>11 Apr/avr 2000</b> <b>(11.04.2000)</b>	US	11 Apr/avr 2000 (11.04.2000)	
	(43) 23 Nov/nov 2000 (23.11.2000)		US	11 Apr/avr 2000 (11.04.2000)	
	(54) ● MOLECULAR INTERACTIONS IN HEMATOPOIETIC CELLS ● INTERACTIONS MOLECULAIRES DANS LES CELLULES HEMATOPOIETIQUES		US	11 Apr/avr 2000 (11.04.2000)	
	(63) US	60/134,114 (CON)	(71) <b>ARBOR VITA CORPORATION</b> [US/US]; 772 Lucerne Drive, Sunnyvale, CA 94086 (US). <i>(for all designated States except / pour tous les États désignés sauf US)</i>		
	US	14 May/mai 1999 (14.05.1999)			
	US	60/134,117 (CON)	(72, 75) <b>LU, Pater, S.</b> [US/US]; 99 East Middlefield Road #29, Mountain View, CA 94043 (US).		
	US	14 May/mai 1999 (14.05.1999)			
	US	60/134,118 (CON)	(74) <b>APPLE, Randolph, T.</b> et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).		
	US	14 May/mai 1999 (14.05.1999)			
	US	60/160,860 (CON)	(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).		
	US	21 Oct/oct 1999 (21.10.1999)			

- (51)<sup>7</sup> C07K 14/00  
 (11) WO 00/69898 (13) A2  
 (21) PCT/US00/13205  
 (22) 12 May/mai 2000 (12.05.2000)  
 (25) en (26) en  
 (30) 60/134,114 14 May/mai 1999 US (14.05.1999)  
 (30) 60/134,117 14 May/mai 1999 US (14.05.1999)  
 (30) 60/134,118 14 May/mai 1999 US (14.05.1999)  
 (30) 60/160,860 21 Oct/oct 1999 US (21.10.1999)  
 (30) 60/162,498 29 Oct/oct 1999 US (29.10.1999)  
 (30) 60/170,453 13 Dec/déc 1999 US (13.12.1999)  
 (30) 60/176,195 14 Jan/jan 2000 US (14.01.2000)  
 (30) 60/182,296 14 Feb/fév 2000 US (14.02.2000)  
 (30) 09/547,276 11 Apr/avr 2000 US (11.04.2000)  
 (30) 60/196,460 11 Apr/avr 2000 US (11.04.2000)  
 (30) 60/196,528 11 Apr/avr 2000 US (11.04.2000)  
 (30) 60/196,527 11 Apr/avr 2000 US (11.04.2000)  
 (30) Not furnished / 11 Apr/avr 2000 US non communiqué (11.04.2000)  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • MOLECULAR INTERACTIONS IN ALLERGY CELLS  
 • INTERACTIONS MOLECULAIRES DANS LES REACTIONS ALLERGIQUES  
 (63) US 60/134,114 (CON) 14 May/mai 1999 (14.05.1999)  
 US 60/134,117 (CON) 14 May/mai 1999 (14.05.1999)  
 US 60/134,118 (CON) 14 May/mai 1999 (14.05.1999)  
 US 60/160,860 (CON) 21 Oct/oct 1999 (21.10.1999)  
 US 60/162,498 (CON) 29 Oct/oct 1999 (29.10.1999)  
 US 60/170,453 (CON) 13 Dec/déc 1999 (13.12.1999)  
 US 60/176,195 (CON) 14 Jan/jan 2000 (14.01.2000)  
 US 60/182,296 (CON) 14 Feb/fév 2000 (14.02.2000)  
 US 09/547,276 (CON) 11 Apr/avr 2000 (11.04.2000)  
 US 60/196,460 (CON) 11 Apr/avr 2000 (11.04.2000)  
 US 60/196,528 (CON) 11 Apr/avr 2000 (11.04.2000)  
 US 60/196,527 (CON) 11 Apr/avr 2000 (11.04.2000)  
 US Not furnished / Not furnished / non communiqué (CON) 11 Apr/avr 2000 (11.04.2000)
- (71) ARBOR VITA CORPORATION [US/US]; 772 Lucerne Drive, Sunnyvale, CA 94086 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) LU, Peter, S. [US/US]; 99 East Middlefield Road, No. 29, Mountain View, CA 94043 (US).  
 (74) APPLE, Randolph, T. et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07K 14/00  
 (11) WO 00/69899 (13) A1  
 (21) PCT/US00/13227  
 (22) 11 May/mai 2000 (11.05.2000)  
 (25) en (26) en  
 (30) 09/311,079 13 May/mai 1999 US (13.05.1999)  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • COMPOSITIONS OF SOLVENTS AND HIGH CONCENTRATIONS OF NUCLEIC ACID ANALOGS  
 • COMPOSITIONS DE SOLVANTS ET CONCENTRATIONS ELEVEES D'ANALOGUES D'ACIDE NUCLEIQUE  
 (71) THE PERKIN-ELMER 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) BLOCH, Will [US/US]; 3041 SE 43rd Avenue, Portland, OR 97206 (US). WERNER, William, E. [US/US]; 2760 Melendy Drive, #1, San Carlos, CA 94070 (US). EGHOLM, Michael [DK/US]; 34 Grove Street, Wayland, MA 01778 (US). MYERS, Rene, L. [US/US]; 50 Blackberry Lane, Framingham, MA 01701 (US).  
 (74) ANDRUS, Alex et al. / etc.; PE Biosystems, 850 Lincoln Centre Drive, Foster City, CA 94404 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07K 14/00  
 (11) WO 00/69900 (13) A2  
 (21) PCT/US00/13576  
 (22) 17 May/mai 2000 (17.05.2000)  
 (25) en (26) en  
 (30) 60/134,406 17 May/mai 1999 US (17.05.1999)  
 (30) 60/153,406 10 Sep/sep 1999 US (10.09.1999)  
 (30) 60/159,783 15 Oct/oct 1999 US (15.10.1999)  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • PROTECTION OF ENDOGENOUS THERAPEUTIC PEPTIDES FROM PEPTIDASE ACTIVITY THROUGH CONJUGATION TO BLOOD COMPONENTS  
 • PROTECTION DE PEPTIDES THERAPEUTIQUES ENDOGENES CONTRE L'ACTIVITE PEPTIDASE PAR CONJUGAISON DE COMPOSANTS SANGUINS  
 (71) CONJUCHEM, INC. [CA/CA]; Suite 3950, Third Floor, 225 President Kennedy Avenue West, Montreal, Quebec H2X 3Y8 (CA).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) BRIDON, Dominique, P. [FR/CA]; 243 chemin Cote Ste-Catherine, Outremont, Quebec H2V 2B2 (CA). EZRIN, Alan, M. [US/US]; 110 Quintas Lane, Moraga, CA 94556 (US). MILNER, Peter, G. [GB/US]; 14690 Manuella Road, Los Altos Hills, CA 94022 (US). HOLMES, Darren, L. [US/CA]; 3450 Drummond Street, Montreal, Quebec H3G 1T3 (CA). THIBAudeau, Karen [FR/CA]; 4700 Bonavista Street, #407, Montreal, Quebec H3W 2L5 (CA).  
 (74) WARD, Michael, R. et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111-4207 (US).  
 (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07K 14/00  
 (11) WO 00/69901 (13) A2  
 (21) PCT/US00/13764  
 (22) 19 May/mai 2000 (19.05.2000)  
 (25) en (26) en  
 (30) 60/134,930 19 May/mai 1999 US (19.05.1999)  
 (43) 23 Nov/nov 2000 (23.11.2000)

- (54) • NOVEL PROTEINS WITH INSULIN-LIKE ACTIVITY USEFUL IN THE TREATMENT OF DIABETES  
• NOUVELLES PROTEINES A ACTION INSULINOIDE UTILISEES DANS LE TRAITEMENT DU DIABETE
- (71) **XENCOR, INC.** [US/US]; 2585 Nina Street, Pasadena, CA 91107-3708 (US).
- (72) **DAHIYAT, Bassil, I.**; 4413 San Andreas Avenue, Los Angeles, CA 90065 (US).
- (74) **TRECARTIN, Richard, F.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> **C07K 14/195, C07H 21/04, A61K 39/02, A61P 1/00**
- (11) **WO 00/69903** (13) A1
- (21) PCT/AU00/00436
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 60/133,989 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **LAWSONIA** DERIVED GENE AND RELATED FlgE POLYPEPTIDES, PEPTIDES AND PROTEINS AND THEIR USES  
• GENE DERIVE DE **LAWSONIA**, POLYPEPTIDES FLGE, PEPTIDES ET PROTEINES ET LEURS UTILISATIONS
- (71) **PFIZER PRODUCTS INC** [US/US]; Eastern Point Road, Groton, CT 06340 (US). **AGRICULTURE VICTORIA SERVICES PTY LTD** [AU/AU]; 475 Mickleham Road, Attwood, VIC 3049 (AU). **PIG RESEARCH AND DEVELOPMENT CORPORATION** [AU/AU]; 3rd Floor, Industry House, 10 National Circuit, Barton, ACT 2600 (AU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PANACCIO, Michael** [AU/AU]; 112 Hill Road, North Balwyn, VIC 3104 (AU). **ROSEY, Everett, Lee** [US/US]; 457 Route 164, Preston, CT 06365 (US). **SINISTAJ, Meri** [AU/AU]; 3/60 Gourlay Street, East St. Kilda, VIC 3183 (AU). **HASSE, Detlef** [AU/AU]; 4 Scullin Court, Sunbury, VIC 3429 (AU). **PARSONS, Jim** [AU/AU]; 11 Kanandah Court, Research, VIC 3095 (AU). **ANKENBAUER, Robert, Gerard** [US/US]; 104 Castle Hill Road, Pawcatuck, CT 06379 (US).
- (74) **OLIVE, Mark, R.** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **C07K 14/195, C07H 21/04, A61K 39/02, A61P 1/00**
- (11) **WO 00/69905** (13) A1
- (21) PCT/AU00/00438
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 60/133,986 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LONG LASTING FUSION PEPTIDE INHIBITORS OR VIRAL INFECTION  
• PEPTIDES HYBRIDES INHIBITEURS A ACTION PROLONGEE DES INFECTIONS VIRALES
- (71) **CONJUCHEM, INC.** [CA/CA]; Suite 3950, Third Floor, 225 President Kennedy Avenue West, Montreal, Quebec H2X 3Y8 (CA).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BRIDON, Dominique, P.** [FR/CA]; 243, chemin Cote Sainte-Catherine, Outremont, Quebec H2V 2B2 (CA). **DU-FRESNE, Robert, P.** [-/US]; 115 Pilgrim Road, Wellesley, MA 02181 (US). **BOUD-JELLAB, Nissab** [-/CA]; 420 Bourke, Apt. 2A, Dorval, Quebec J5A 2M1 (CA). **ROBITAILLE, Martin** [-/CA]; Conjuchem, Inc., Suite 3950, Third floor, Montreal, Quebec H2X 3Y8 (CA). **MILNER, Peter, G.** [GB/US]; 14690 Manuella Road, Los Altos Hills, CA 94022 (US).
- (74) **WARD, Michael, R.** et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111-4207 (US).



- (54) • **LAWSONIA DERIVED GENE AND RELATED** OmpH POLYPEPTIDES, PEPTIDES AND PROTEINS AND THEIR USES
- GENE DERIVE DE **LAWSONIA** ET POLYPEPTIDES, PEPTIDES ET PROTEINES OMPH APPARENTES, ET LEURS UTILISATIONS
- (71) **PIG RESEARCH AND DEVELOPMENT CORPORATION** [AU/AU]; 3rd Floor, Industry House, 10 National Circuit, Barton, ACT 2600 (AU). **AGRICULTURE VICTORIA SERVICES PTY LTD** [AU/AU]; 475 Mickleham Road, Attwood, VIC 3049 (AU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HASSE, Detlef** [AU/AU]; 4 Scullin Court, Sunbury, VIC 3429 (AU). **PANACCIO, Michael** [AU/AU]; 112 Hill Road, North Balwyn, VIC 3104 (AU). **SINISTAJ, Meri** [AU/AU]; 3/60 Gourlay Street, East St. Kilda, VIC 3183 (AU).
- (74) **OLIVE, Mark, R.** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07K 14/195, C07H 21/04, A61K 39/02, A61P 1/00**
- (11) **WO 00/69906** (13) A1
- (21) PCT/AU00/00439
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 60/134,022 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **LAWSONIA DERIVED GENE AND RELATED** HEMOLYSIN POLYPEPTIDES, PEPTIDES AND PROTEINS AND THEIR USES
- GENE DERIVE DE **LAWSONIA**, POLYPEPTIDES, PEPTIDES ET PROTEINES D'HEMOLYSINE ET LEURS UTILISATIONS
- (71) **PFIZER PRODUCTS INC** [US/US]; Eastern Point Road, Groton, CT 06340 (US). **AGRICULTURE VICTORIA SERVICES PTY LTD** [AU/AU]; 475 Mickleham Road, Attwood, Victoria 3049 (AU). **PIG RESEARCH AND DEVELOPMENT CORPORATION** [AU/AU]; 3rd Floor, Industry House, 10 National Circuit, Barton, Australian Capital Territory 2600 (AU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PANACCIO, Michael** [AU/AU]; 112 Hill Road, North Balwyn, Victoria 3104 (AU). **ROSEY, Everett, Lee** [US/US]; 457 Route 164, Preston, CT 06365 (US). **HASSE, Detlef** [AU/AU]; 4 Scullin Court, Sunbury, Victoria 3429 (AU). **ANKENBAUER, Robert, Gerard** [US/US]; 104 Castle Hill Road, Pawcatuck, CT 06379 (US).
- (74) **OLIVE, Mark, R.** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07K 14/245, 14/01, 1/113, 19/00**
- (11) **WO 00/69907** (13) A1
- (21) PCT/GB00/01815
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 9911298.9 **14 May/mai 1999 GB (14.05.1999)**
- (30) 9928788.0 **3 Dec/déc 1999 GB (03.12.1999)**
- (30) 9928831.8 **6 Dec/déc 1999 GB (06.12.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **PROTEIN SCAFFOLD AND ITS USE TO MULTIMERISE MONOMERIC POLYPEPTIDES**
- ECHAFAUDAGE PROTEINIQUE INTERNE ET UTILISATION DE CE DERNIER POUR MULTIMERISER DES POLYPEPTIDES MONOMERES
- (71) **MEDICAL RESEARCH COUNCIL** [GB/GB]; 20 Park Crescent, London WN1 4AL (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HILL, Fergal, Conan** [GB/FR]; 6, rue des Fosses, F-63730 Les Martres de Veyre (FR). **CHATELLIER, Jean** [FR/GB]; 5 Cheddars Lane, Cambridge CB5 8LD (GB). **FERSHT, Alan** [GB/GB]; MRC Unit for Protein Function and Design, Department of Chemistry, Lensfield Road, Cambridge CB2 1EW (GB).
- (74) **MASCHIO, Antonio** 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07K 14/47, G01N 33/68, A61P 9/00**
- (11) **WO 00/69908** (13) A1
- (21) PCT/GB00/01826
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 9911047.0 **12 May/mai 1999 GB (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **INTERACTION BETWEEN THE VHL TUMOUR SUPPRESSOR AND HYPOXIA INDUCIBLE FACTOR, AND ASSAY METHODS RELATING THERETO**
- INTERACTION ENTRE LE SUPPRESSEUR DE TUMEURS DE LA MALADIE DE VON HIPPEL-LINDAU (VHL) ET LE FACTEUR INDUIT PAR L'HYPOXIE (HIF) ET PROCEDES DE DOSAGE QUI Y SONT LIES
- (71) **ISIS INNOVATION LIMITED** [GB/GB]; Ewert House, Ewert Place, Summertown, Oxford OX2 7BZ (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **RATCLIFFE, Peter, John** [GB/GB]; Wellcome Trust Centre for Human Genetics, Roosevelt Drive, Oxford OX3 7BN (GB). **MAXWELL, Patrick, Henry** [GB/GB]; Wellcome Trust Centre for Human Genetics, Roosevelt Drive, Oxford OX3 7BN (GB). **PUGH, Christopher, William** [GB/GB]; Wellcome Trust Centre for Human Genetics, Roosevelt Drive, Oxford OX3 7BN (GB).
- (74) **BRASNETT, Adrian, H.** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> **C07K 14/47, C12N 5/10, 5/16, 15/12, 15/63, 15/64**
- (11) **WO 00/69909** (13) A1
- (21) PCT/US00/12884
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,200 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)

- (54) • ISOLATION AND CHARACTERIZATION OF EPIDERMAL GROWTH FACTOR RELATED PROTEIN  
• ISOLEMENT ET CARACTERISATION DE LA PROTEINE LIEE AU FACTEUR DE CROISSANCE EPIDERMIQUE
- (71) **THE UNITED STATES OF AMERICA THROUGH THE DEPARTMENT OF VETERANS AFFAIRS** [US/US]; 810 Vermont Avenue, N.W., Washington, DC 20420 (US).
- (72) **MAJUMDAR, Adhip**; Dept. of Veteran Affairs, 4646 John R, Detroit, MI 48201 (US).
- (74) **NEIDERT, Karl, O.** et al. / etc.; Blank Rome Comisky & McCauley LLP, Suite 1000, 900 17th Street, N.W., Washington, DC 20006 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07K 14/52, C12N 15/19, A61K 38/19**
- (11) **WO 00/69910** (13) A1
- (21) PCT/CN00/00026
- (22) **15 Feb/fév 2000 (15.02.2000)**
- (25) zh (26) zh
- (30) 99 1 07284.7 **14 May/mai 1999** CN (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CHEMOKINE-LIKE FACTORS HAVING CELL CHEMOKINESIS FUNCTION AND PROLIFERATION-STIMULATING ACTIVITY  
• FACTEURS DE TYPE CHEMOKINE PRESENTANT UNE FONCTION DE CHEMOCINETIQUE CELLULAIRE ET UNE ACTIVITE DE STIMULATION DE LA PROLIFERATION
- (71) **BEIJING MEDICAL UNIVERSITY** [CN/CN]; 38 Xueyuan Road, Haidian District, Beijing 100083 (CN). **BEIJING MEDICAL UNIVERSITY UNITED BIOLOGICAL ENGINEERING CO.** [CN/CN]; 38 Xueyuan Road, Haidian District, Beijing 100083 (CN).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MA, Dalong** [CN/CN]; 38 Xueyuan Road, Haidian District, Beijing 100083 (CN). **HAN, Wenling** [-/CN]; 38 Xueyuan Road, Haidian District, Beijing 100083 (CN). **ZHANG, Yingmei** [-/CN]; 38 Xueyuan Road, Haidian District, Beijing 100083 (CN). **SONG, Quansheng** [-/CN]; 38 Xueyuan Road, Haidian District, Beijing 100083 (CN). **DI, Chunhui** [CN/CN]; 38 Xueyuan Road, Haidian District, Beijing 100083 (CN). **HUANG, Jiaqiang** [-/CN]; 38 Xueyuan Road, Haidian District, Beijing 100083 (CN). **TANG, Jian** [-/CN]; 38 Xueyuan Road, Haidian District, Beijing 100083 (CN). **CHEN, Guanghui** [-/CN]; 38 Xueyuan Road, Haidian District, Beijing 100083 (CN).
- (74) **BEIJING SANYOU PATENT AGENCY CO., LTD.**; 40 North Sanhuanzhonglu Road, Beijing 100088 (CN).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C07K 14/605, 14/575, A61K 38/26, A61P 3/08**
- (11) **WO 00/69911** (13) A1
- (21) PCT/US00/13563
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 60/134,406 **17 May/mai 1999** US (17.05.1999)
- (30) 60/159,783 **15 Oct/oct 1999** US (15.10.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LONG LASTING INSULINOTROPIC PEPTIDES  
• PEPTIDES INSULINOTROPES A LONGUE DUREE D'ACTION
- (71) **CONJUCHEM, INC.** [CA/CA]; 225 President Kennedy Avenue West, Third floor, Suite 3950, Montreal, Quebec H2X 3Y8 (CA).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRIDON, Dominique, P.** [FR/CA]; 243, chemin Côte Sainte-Catherine, Outremont, Québec H2V 2B2 (CA). **L'ARCHEVEQUE, Benoît** [CA/CA]; 5875 Pelouquin, Laval, Québec H7H 2X1 (CA). **EZRIN, Alan, M.** [US/US]; 110 Quintas Lane, Moraga, CA 94556 (US). **HOLMES, Darren, L.** [US/CA]; 3450 Drummond Street, Montreal, Quebec H3G 1T3 (CA). **LEBLANC, Anouk** [CA/CA]; Conjuchem, Inc., 225 President Kennedy Avenue West, Third floor, Suite 3950, Montreal, Quebec H2X 3Y8 (CA). **ST. PIERRE, Serge** [CA/CA]; 47, place Jean-Yves, Ile Bizard, Quebec H9E 1K8 (CA).
- (74) **WARD, Michael, R.** et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111-4207 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> **C07K 14/705, C12N 15/12, C07K 16/26, G01N 33/53, 33/68, C12Q 1/68**
- (11) **WO 00/69912** (13) A1
- (21) PCT/US00/13144
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,198 **14 May/mai 1999** US (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • GENE ENCODING A SODIUM CHANNEL BETA-3 SUBUNIT PROTEIN  
• GENE CODANT POUR UNE SOUS-UNITE DE PROTEINE BETA-3 DE CANAL SODIQUE
- (71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CURTIS, Rory, A., J.** [GB/US]; 31 Constitution Drive, Southborough, MA 01772 (US).
- (74) **COLBY, Gary, D.** et al. / etc.; Akin, Gump, Strauss, Hauer & Feld, L.L.P., Suite 2200, 2005 Market Street, One Commerce Square, Philadelphia, PA 19103-7086 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> **C07K 14/715, C12N 15/63, 15/62, 15/86, C07K 19/00, C12N 15/21, 15/863, A61K 38/21 // C07K 14/52**
- (11) **WO 00/69913** (13) A1
- (21) PCT/US00/13827
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 60/134,895 **19 May/mai 1999** US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • EXPRESSION AND EXPORT OF INTERFERON-ALPHA PROTEINS AS Fc FUSION PROTEINS

• EXPRESSION ET EXPORTATION DE PROTEINES INTERFERON ALPHA EN TANT QUE PROTEINES DE FUSION

(71) **LEXIGEN PHARMACEUTICALS CORP.** [US/US]; 125 Hartwell Avenue, Lexington, MA 02173 (US).

(72) **LO, Kin-Ming;** 6 Carol Lane, Lexington, MA 02420 (US). **SUN, Yaping;** 8 Brattle Drive, Arlington, MA 02474 (US). **GILLIES, Stephen, D.;** 159 Sunset Road, Carlisle, MA 01741 (US).

(74) **GREENHALGH, Duncan, A.;** Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07K 16/00

(11) WO 00/69914 (13) A2

(21) PCT/GB00/01910

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 9911569.3 18 May/mai 1999 GB (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ANTIBODIES

• ANTICORPS

(71) **OXFORD BIOMEDICA (UK) LIMITED** [GB/GB]; Medawar Centre, Robert Robinson Avenue, The Oxford Science Park, Oxford OX4 4GA (GB).

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

(72, 75) **HOOGENBOOM, Hendricus, Rennerus, Jacobus, Mattheus** [NL/NL]; Hertogsingel 46, NL-6214 AE Maastricht (NL). **REURS, Anneke** [NL/NL]; De Zarken 18, NL-1141 BL Monnikendam (NL). **BEIBOER, Sigrid, Herma, Wilma, Beiboer** [NL/NL]; Mockstraat 21b, NL-6226 CA Maastricht (NL).

(74) **MASCHIO, Antonio** 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 BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K 16/00

(11) WO 00/69915 (13) A2

(21) PCT/US00/13392

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 60/134,419 17 May/mai 1999 US (17.05.1999)

(30) 60/134,432 17 May/mai 1999 US (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • COMBINED APPROACH TO TREATMENT OF CANCER WITH hCG VACCINES

• APPROCHE COMBINÉE AU TRAITEMENT DU CANCER AU MOYEN DE VACCINS D'hCG

(71) **AVI BIOPHARMA, INC.** [US/US]; Suite 200, 4575 S.W. Research Way, Corvallis, OR 97333 (US).

(72) **IVERSEN, Patrick, L.;** 5902 N.W. Fair Oaks Place, Corvallis, OR 97330 (US).

(74) **JUDGE, Linda, R.** et al. / etc.; Iota Pi Law Group, P.O. Box 60850, Palo Alto, CA 94306-0850 (US).

(81) AU CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> C08B 31/00, C08J 3/12, C08L 3/02, C08B 30/12

(11) WO 00/69916 (13) A1

(21) PCT/NL00/00050

(22) 25 Jan/jan 2000 (25.01.2000)

(25) en (26) en

(30) 99200203.0 25 Jan/jan 1999 EP (25.01.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • BIOPOLYMER NANOPARTICLES

• NANOPARTICULES DE BIOPOLYMERE

(71) **ATO B.V.** [NL/NL]; P.O. Box 17, NL-6700 AA Wageningen (NL).

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

(72, 75) **GIEZEN, Franciscus, Egenius** [NL/NL]; Nachtegaalstraat 74a, NL-3581 AM Utrecht (NL). **JONGBOOM, Remigius, Oene, Jules** [NL/NL]; Damstraat

28, NL-6671 AE Zetten (NL). **FEIL, Herman** [NL/NL]; De Gheijnstraat 10, NL-6717 RG Ede (NL). **GOTLIEB, Kornelis, Fester** [NL/NL]; Stoepveldsingel 119, NL-9403 SM Assen (NL). **BOERSMA, Arjen** [NL/NL]; Mr. Van Merwicklaan 3, NL-5237 KL Den Bosch (NL).

(74) **JORRITSMA, Ruurd;** Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>6</sup> C08B 37/00

(11) WO 00/69917 (13) A1

(21) PCT/JP99/02592

(22) 18 May/mai 1999 (18.05.1999)

(25) ja (26) ja

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MEDICINAL COMPOSITIONS FOR INHIBITING KALLIKREIN-KININ SYSTEM OR PHOSPHOLIPASE A<sub>2</sub>

• COMPOSITIONS MEDICINALES DESTINEES A INHIBER LE SYSTEME KALLIKREINE-KININE OU LA PHOSPHOLIPASE A<sub>2</sub>

(71) **MARUHO KABUSHIKIKAI** [JP/JP]; 5-22, Nakatsu 1-chome, Kita-ku, Osaka-shi, Osaka 531-0071 (JP).

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

(72, 75) **UMEMOTO, Junji** [JP/JP]; 3-726-503, Gakuennishimachi 7-chome, Nishi-ku, Kobe-shi, Hyogo 651-2103 (JP). **SHIRAISHI, Hiroyuki** [JP/JP]; 5-3, Shioyakitamati 3-chome, Tarumi-ku, Kobe-shi, Hyogo 655-0863 (JP).

(74) **NOGAWA, Shintaro;** Minamimorimachi Park Building, 1-3, Nishitenma 5-chome, Kita-Ku, Osaka-shi, Osaka 530-0047 (JP).

(81) CA CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> C08F 2/06, 2/08, 2/14, G03G 9/135, C09D 11/10

(11) WO 00/69918 (13) A1

(21) PCT/AU00/00434

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) PQ 0312 13 May/mai 1999 AU (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

- (54) • POLYMERISATION STABILISERS  
• AGENTS STABILISANTS DE LA POLYMERISATION
- (71) **RESEARCH LABORATORIES OF AUSTRALIA PTY LTD.** [AU/AU]; 210 Greenhill Road, Eastwood, S.A. 5063 (AU).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARKO, Herbert, Lee** [AU/AU]; 50 Warren Road, Para Vista, S.A. 5093 (AU).
- (74) **COLLISON & CO;** 117 King William Street, Adelaide, S.A. 5000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08F 6/00, 10/00**  
(11) **WO 00/69919** (13) A1  
(21) PCT/EP00/04259  
(22) **11 May/mai 2000 (11.05.2000)**  
(25) de (26) de  
(30) 199 22 677.6 **18 May/mai 1999 DE (18.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR DRYING AND DEGASING POLYOLEFINS  
• PROCEDE DE SECHAGE ET DE DEGAZAGE DE POLYOLEFINES ET POLYETHYLENE PREPARE SELON LEDIT PROCEDE
- (71) **ELENAC GMBH** [DE/DE]; Am Yachthafen 2, D-77694 Kehl (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WITT, Michael** [DE/DE]; Bodelschwingstrasse 16, D-67246 Dirmstein (DE). **DE LANGE, Paulus** [NL/DE]; Kastanienweg 2, D-50389 Wesseling (DE). **PERNER, Thomas** [DE/DE]; Fichtenstrasse 13, D-76879 Effingen (DE). **DECKERS, Andreas** [DE/DE]; Schulstrasse 11, D-55234 Flomborn (DE). **EVERTZ, Kaspar** [DE/DE]; Stettiner Strasse 13, D-67105 Schifferstadt (DE). **LILGE, Dieter** [DE/DE]; Max-Planck-Strasse 7, D-67117 Limburgerhof (DE).
- (81) AU BR CA CN IN JP KR RU US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C08F 8/00, 8/04**  
(11) **WO 00/69920** (13) A1  
(21) PCT/EP00/03926  
(22) **2 May/mai 2000 (02.05.2000)**
- (25) de (26) de  
(30) 199 21 941.9 **12 May/mai 1999 DE (12.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • VINYLCHLORIDE-BASED POLYMERS  
• POLYMERES A BASE DE VINYLCHLORURE
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE). **TEIJIN LTD.** [JP/JP]; 6-7, Minamihommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WEGE, Volker** [DE/DE]; Bismarckplatz 45, D-47799 Krefeld (DE). **BRUDER, Friedrich-Karl** [DE/DE]; Bodelschwingstrasse 20, D-47800 Krefeld (DE). **DOUZINAS, Konstadinos** [GR/DE]; An der Ruthen 1, D-51061 Köln (DE). **CHEN, Yun** [CN/DE]; Bodelschwingstrasse 12, D-47800 Krefeld (DE).
- (74) **BAYER AKTIENGESELLSCHAFT;** D-51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08F 8/00, 210/06**  
(11) **WO 00/69921** (13) A1  
(21) PCT/GB00/01615  
(22) **26 Apr/avr 2000 (26.04.2000)**  
(25) en (26) en  
(30) 9911242.7 **15 May/mai 1999 GB (15.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • AMINE-FUNCTIONALISED COPOLYMERS AND METHODS FOR THEIR PREPARATION  
• COPOLYMERES A FONCTIONNALISATION AMINE ET PROCEDES D'ELABORATION
- (71) **BP CHEMICALS LIMITED** [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **REED, Warren** [GB/GB]; 30 Kinross Drive, Sunbury-on-Thames, Middlesex TW16 7JU (GB). **WEATHERHEAD, Richard, Henry** [GB/GB]; 1 Cabbell Place, Addlestone, Surrey KT15 2XF (GB).
- (74) **COLLINS, Frances, Mary;** BP International Limited, Patents & Agreements, Chertsey Road, Sunbury-on-Thames, Middlesex TW16 7LN (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08F 10/00, 4/60, C07F 5/00, 7/00, 9/00, 11/00, 13/00, 15/00**  
(11) **WO 00/69923** (13) A1  
(21) PCT/US00/07164  
(22) **17 Mar/mar 2000 (17.03.2000)**  
(25) en (26) en  
(30) 60/134,336 **14 May/mai 1999 US (14.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TRANSITION METAL COMPLEXES AND OLEFIN POLYMERIZATION PROCESS  
• COMPLEXES DE METAUX DE TRANSITION, ET PROCEDE DE POLYMERISATION D'OLEFINES
- (71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).  
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **DEVORE, David, D.** [US/US]; 4881 East Shaffer Road, Midland, MI 48642 (US).  
**FENG, Shaoguang, S.** [US/US]; 2812 Walden Woods Drive, Midland, MI 48640 (US).  
**FRAZIER, Kevin, A.** [US/US]; 1105 Tanwood Court, Midland, MI 48642 (US).  
**PATTON, Jasson, T.** [US/US]; 1302 Whitehall Street, Midland, MI 48642 (US).
- (74) **DELINÉ, Douglas, N.**; Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08F 10/04, 10/14, 2/40**
- (11) **WO 00/69924** (13) A1
- (21) PCT/US99/28471
- (22) **2 Dec/déc 1999 (02.12.1999)**
- (25) en (26) en
- (30) 09/312,422 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ZIEGLER-NATTA POLYMERIZATION OF ALPHA-OLEFINS IN THE PRESENCE OF NON-POLYMERIZING OLEFINS  
 • POLYMERISATION DE ZIEGLER-NATTA D'ALPHA-OLEFINES EN PRESENCE D'OLEFINES NON-POLYMERISANTES
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **SIKORSKI, William, H., Jr.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **DAHL, Philip, Y.** et al. / etc.; 3M Innovative Properties Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08F 20/34, 20/60, C08J 7/18, A01N 33/02, 25/10**
- (11) **WO 00/69925** (13) A1
- (21) PCT/EP00/02783
- (22) **30 Mar/mar 2000 (30.03.2000)**
- (25) de (26) de
- (30) 199 21 898.6 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD OF PRODUCING INHERENTLY MICROBICIDAL POLYMER SURFACES  
 • PROCEDE DE PRODUCTION DE SURFACES POLYMERES INTRINSEQUEMENT MICROBICIDES
- (71) **CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH** [DE/DE]; Paul-Baumann-Strasse 1, D-45772 Marl (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **OTTERSBUCH, Peter** [DE/DE]; Zum Beuel 14, D-51570 Windeck (DE).  
**SOSNA, Friedrich** [DE/DE]; Holunderweg 4, D-46286 Dorsten (DE).
- (74) **CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH**; Patente - Marken, Bau 1042 - PB 15, D-45764 Marl (DE).
- (81) AU BR CA CN IL JP KR NO NZ PL RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **C08F 20/34, 20/60, C08J 7/18, A01N 33/12, 25/10**
- (11) **WO 00/69926** (13) A1
- (21) PCT/EP00/02813
- (22) **30 Mar/mar 2000 (30.03.2000)**
- (25) de (26) de
- (30) 199 21 904.4 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR PRODUCING INHERENTLY MICROBICIDAL POLYMER SURFACES  
 • PROCEDE DE PREPARATION DE SURFACES POLYMERES A ACTION MICROBICIDE INHERENTE
- (71) **CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH** [DE/DE]; Paul-Baumann-Strasse 1, D-45772 Marl (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **OTTERSBUCH, Peter** [DE/DE]; Zum Beuel 14, D-51570 Windeck (DE).  
**SOSNA, Friedrich** [DE/DE]; Holunderweg 4, D-46286 Dorsten (DE).
- (74) **CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH**; Patente - Marken, Bau 1042 - PB 15, D-45764 Marl (DE).
- (81) AU BR CA CN IL JP KR NO NZ PL RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (81) AU BR CA CN IL JP KR NO NZ PL RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C08F 36/04, 279/02**
- (11) **WO 00/69927** (13) A1
- (21) PCT/US00/10611
- (22) **20 Apr/avr 2000 (20.04.2000)**
- (25) en (26) en
- (30) 60/134,567 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • BIMODAL RUBBERS AND RUBBER MODIFIED HIGH IMPACT MONOVINYLDENE AROMATIC POLYMERS PRODUCED THEREFROM  
 • CAOUTCHOUC BIMODAUX ET POLYMERES AROMATIQUES MONOVINYLDENES A IMPACT ELEVE, MODIFIES PAR DU CAOUTCHOUC, ISSUS D'UN TEL CAOUTCHOUC
- (71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).
- (72) **DEMIRORS, Mehmet**; 2866 N. Tupelo Drive, Midland, MI 48642 (US).  
**SCHRAEDER, David**; 4158 East Baker Road, Midland, MI 48642 (US).  
**REGO, Jose, M.**; Vlasstraat 31, Heikant, NL- Hulst (NL).
- (74) **ZETTLER, Lynn, M.**; Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08F 136/00**
- (11) **WO 00/69928** (13) A2
- (21) PCT/US00/14098
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 09/314,203 **19 May/mai 1999 US (19.05.1999)**
- (30) 09/314,791 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LOW MOLECULAR WEIGHT HIGH-CIS POLYBUTADIENES AND THEIR USE IN HIGH MOLECULAR WEIGHT/LOW MOLECULAR WEIGHT HIGH-CIS POLYBUTADIENE BLENDS

- POLYBUTADIENES A FAIBLE POIDS MOLECULAIRE ET A CIS ELEVE, ET LEUR UTILISATION DANS DES MELANGES DE POLYBUTADIENES A FAIBLE CIS ET A POIDS MOLECULAIRE ELEVE/POIDS MOLECULAIRE FAIBLE
- (71) **BRIDGESTONE CORPORATION** [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MILLER, H., Jerrold** [US/US]; 471 St. Leger Avenue, Akron, OH 44305 (US). **HAMADA, Tatsuro** [JP/US]; 4663 Treetop Drive, Copley, OH 44321 (US). **OZAWA, Yoichi** [JP/US]; 182 Hunt Club Drive, Apt. #2A, Copley, OH 44321 (US). **PAKDEL, Peyman** [IR/US]; 1050 Pelee Drive, Akron, OH 44333 (US).
- (74) **FRY, Jude, A.** et al. / etc.; Fay, Sharpe, Fagan, Minnich & Mckee, 1100 Superior Avenue, Seventh Floor, Cleveland, OH 44114-2518 (US).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C08F 210/02, 2/00, C08L 77/00 // (C08F 210/02, 220:10, 220:06)**
- (11) **WO 00/69929** (13) A1  
(21) PCT/EP00/03969
- (22) **3 May/mai 2000 (03.05.2000)**
- (25) de (26) de
- (30) 199 22 104.9 **17 May/mai 1999 DE (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **ETHYLENE(METH)ACRYLATE COPOLYMERS WITH LOW RESIDUAL CONTENT IN COMONOMERS**  
• **COPOLYMERES ETHYLENE(METH)ACRYLATE A FAIBLE TENEUR RESIDUELLE EN COMONOMERES**
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DECKERS, Andreas** [DE/DE]; Schulstrasse 11, D-55234 Flornborn (DE). **WEBER, Wilhelm** [DE/DE]; Mandelbergstrasse 40, D-67435 Neustadt (DE).
- (74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).
- (81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C08F 210/18, C08L 23/16, C08F 255/02, B32B 27/00, C08K 3/00**
- (11) **WO 00/69930** (13) A1  
(21) PCT/US00/13159
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,360 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **HIGHLY CRYSTALLINE EAODM INTERPOLYMERS**  
• **INTERPOLYMERES EAODM HAUTEMENT CRISTALLINS**
- (71) **DUPONT DOW ELASTOMERS L.L.C.** [US/US]; 300 Bellevue Parkway, Wilmington, DE 19809 (US).
- (72) **HUGHES, Morgan, Mark**; 708 Milton, Angelton, TX 77515 (US). **WALTON, Kim, Louis**; 219 Huckleberry Drive, Lake Jackson, TX 77566 (US). **DANIEL, Christian**; 106, rue des Glaieuls, F-01710 Thoiry (FR).
- (74) **SCOTT, Patricia, M.**; Dupont Dow Elastomers L.L.C., Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08F 212/14, 212/32, H05B 33/12, H01B 1/12**
- (11) **WO 00/69931** (13) A1  
(21) PCT/GB00/01636
- (22) **27 Apr/avr 2000 (27.04.2000)**
- (25) en (26) en
- (30) 9910963.9 **12 May/mai 1999 GB (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **ORGANIC SEMICONDUCTORS BASED ON STATISTICAL COPOLYMERS**  
• **SEMICONDUCTEURS ORGANIQUES A BASE DE COPOLYMERES STATISTIQUES**
- (71) **THE SECRETARY OF STATE FOR DEFENCE** [GB/GB]; Defence Evaluation Research Agency, A4 Building, Ively Road, Farnborough, Hampshire GU14 0LX (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAGE, Ian, Charles** [GB/GB]; Dera Malvern, St Andrews Road, Malvern, Worcs WR14 3PS (GB). **WOOD, Emma, Louise** [GB/GB]; Dera Malvern, St Andrews Road, Malvern, Worcs WR14 3PS (GB). **FEAST, William, James** [GB/GB]; Durham University South Road, Durham City, County Durham DH1 3LE (GB). **PEACE, Richard, John** [GB/GB]; Durham University South Road, Durham City, County Durham DH1 3LE (GB).
- (74) **BOWDERY A.O.**; D/IPD, Dera Formalities, A4 Bldg., Ively Road, Farnborough, Hampshire GU14 0LX (GB).
- (81) GB JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **C08F 220/06, C09J 133/02, C08F 6/00**
- (11) **WO 00/69932** (13) A1  
(21) PCT/US00/11249
- (22) **27 Apr/avr 2000 (27.04.2000)**
- (25) en (26) en
- (30) 09/314,842 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **BIOADHESIVE POLYMER COMPOSITIONS**  
• **COMPOSITIONS POLYMERES BIOADHESIVES**
- (71) **THE B.F. GOODRICH COMPANY** [US/US]; 3 Coliseum Centre, 2550 W. Tyvola Road, Charlotte, NC 28217-4543 (US).
- (72) **MARCHANT, Nancy, S.**; 3362 Foskett Road, Medina, OH 44256 (US). **YU, Simon, Hsaio-Pao**; 1812 Farr's Garden Path, Westlake, OH 44145 (US). **AMJAD, Zahid**; 6709 Barkeigh Circle, Brecksville, OH 44141 (US).
- (74) **KOLKOWSKI, Brian, M.** et al. / etc.; The B.F. Goodrich Company, 9921 Brecksville Road, Brecksville, OH 44141-3289 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **C08F 220/34, A01N 33/12**
- (11) **WO 00/69933** (13) A1  
(21) PCT/EP00/02780
- (22) **30 Mar/mar 2000 (30.03.2000)**
- (25) de (26) de
- (30) 199 21 900.1 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **METHOD FOR PRODUCING INHERENTLY MICROBICIDAL POLYMER SURFACES**  
• **PROCEDE POUR PRODUIRE DES SURFACES POLYMERES A PROPRIETE MICROBICIDE INTRINSEQUE**
- (71) **CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH** [DE/DE]; Paul-Baumann-Strasse 1, D-45772 Marl (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OTTERSACH, Peter** [DE/DE]; Zum Beuel 14, D-51570 Windeck (DE). **KOSSMANN, Beate** [DE/DE]; Ribbertstrasse 13, D-58091 Hagen (DE).

(74) **CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH**; Patente – Marken, Bau 1042 – PB 15, D-45764 Marl (DE).

(81) AU BR CA CN IL JP KR NO NZ PL RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **C08F 220/34, 220/60, C08J 7/18, A01N 33/02, 25/10**

(11) **WO 00/69934** (13) A1

(21) PCT/EP00/02781

(22) **30 Mar/mar 2000 (30.03.2000)**

(25) de (26) de

(30) 199 21 899.4 **12 May/mai 1999 DE (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MICROBICIDAL COPOLYMERS  
• COPOLYMERES MICROBICIDES

(71) **CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH** [DE/DE]; Paul-Baumann-Strasse 1, D-45772 Marl (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OTTERSACH, Peter** [DE/DE]; Zum Beuel 14, D-51570 Windeck (DE). **KOSSMANN, Beate** [DE/DE]; Ribbertstrasse 13, D-58091 Hagen (DE).

(74) **CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH**; Patente – Marken, Bau 1042 – PB 15, D-45764 Marl (DE).

(81) AU BR CA CN IL JP KR NO NZ PL RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **C08F 220/34, A01N 33/12**

(11) **WO 00/69935** (13) A1

(21) PCT/EP00/02782

(22) **30 Mar/mar 2000 (30.03.2000)**

(25) de (26) de

(30) 199 21 897.8 **12 May/mai 1999 DE (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR PRODUCING INHERENTLY MICROBICIDAL POLYMER SURFACES  
• PROCEDE DE PREPARATION DE SURFACES POLYMERES A ACTION MICROBICIDE

(71) **CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH** [DE/DE]; Paul-Baumann-Strasse 1, D-45772 Marl (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OTTERSACH, Peter** [DE/DE]; Zum Beuel 14, D-51570 Windeck (DE). **SOSNA, Friedrich** [DE/DE]; Holunderweg 4, D-46286 Dorsten (DE).

(74) **CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH**; Patente – Marken, Bau 1042 – PB 15, D-45764 Marl (DE).

(81) AU BR CA CN IL JP KR NO NZ PL RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **C08F 220/34, 220/60, C08J 7/18, A01N 33/02, 37/12, 37/20**

(11) **WO 00/69936** (13) A1

(21) PCT/EP00/02799

(22) **30 Mar/mar 2000 (30.03.2000)**

(25) de (26) de

(30) 199 21 895.1 **12 May/mai 1999 DE (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ANTIMICROBIAL COPOLYMERS  
• COPOLYMERES ANTIMICROBIENS

(71) **CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH** [DE/DE]; Paul-Baumann-Strasse 1, D-45772 Marl (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OTTERSACH, Peter** [DE/DE]; Zum Beuel 14, D-51570 Windeck (DE). **KOSSMANN, Beate** [DE/DE]; Ribbertstrasse 13, D-58091 Hagen (DE).

(74) **CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH**; Patente – Marken, Bau 1042 – PB 15, D-45764 Marl (DE).

(81) AU BR CA CN IL JP KR NO NZ PL RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **C08F 220/34, 220/60, 216/14, C08J 7/16, 7/18, A01N 37/44**

(11) **WO 00/69937** (13) A1

(21) PCT/EP00/02818

(22) **30 Mar/mar 2000 (30.03.2000)**

(25) de (26) de

(30) 199 21 902.8 **12 May/mai 1999 DE (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MICROBICIDAL COPOLYMERS  
• COPOLYMERES MICROBICIDES

(71) **CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH** [DE/DE]; Paul-Baumann-Strasse 1, D-45772 Marl (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OTTERSACH, Peter** [DE/DE]; Zum Beuel 14, D-51570 Windeck (DE). **KOSSMANN, Beate** [DE/DE]; Ribbertstrasse 13, D-58091 Hagen (DE).

(74) **CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH**; Patente – Marken, Bau 1042 – PB 15, D-45764 Marl (DE).

(81) AU BR CA CN IL JP KR NO NZ PL RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **C08F 220/34, 220/60, C08J 7/18, A01N 33/12, 25/10**

(11) **WO 00/69938** (13) A1

(21) PCT/EP00/02819

(22) **30 Mar/mar 2000 (30.03.2000)**

(25) de (26) de

(30) 199 21 903.6 **12 May/mai 1999 DE (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MICROBICIDAL COPOLYMERS  
• COPOLYMERES MICROBICIDES

(71) **CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH** [DE/DE]; Paul-Baumann-Strasse 1, 45772 Marl (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OTTERSACH, Peter** [DE/DE]; Zum Beuel 14, 51570 Windeck (DE). **SOSNA, Friedrich** [DE/DE]; Holunderweg 4, 46286 Dorsten (DE).

(74) **CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH**; Patente – Marken, Bau 1042 – PB 15, 45764 Marl (DE).

(81) AU BR CA CN IL JP KR NO NZ PL RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **C08F 279/04, 279/02, 4/52**

(11) **WO 00/69939** (13) A1

(21) PCT/EP00/04031

(22) **5 May/mai 2000 (05.05.2000)**

(25) de (26) de

(30) 199 22 640.7 **18 May/mai 1999 DE (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR PRODUCING THERMOPLASTIC MOLDING MATERIALS USING RUBBER SOLUTIONS  
• PROCEDE DE PRODUCTION DE MATIERES MOULABLES THERMOPLASTIQUES A L'AIDE DE SOLUTIONS A BASE DE CAOUTCHOUC

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **MICHELS, Gisbert** [DE/DE]; Morgenbraten 3, D-51061 Köln (DE). **WINDISCH, Heike** [DE/DE]; Humboldtstrasse 51, D-51379 Leverkusen (DE). **STEINHAUSER, Norbert** [DE/DE]; Grabenstrasse 21, D-40789 Monheim (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08F 279/04, 279/02, 4/52**
- (11) **WO 00/69940** (13) A1
- (21) PCT/EP00/04032
- (22) **5 May/mai 2000 (05.05.2000)**
- (25) de (26) de
- (30) 199 22 641.5 **18 May/mai 1999 DE (18.05.1999)**
- (30) 100 01 025.3 **13 Jan/jan 2000 DE (13.01.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD FOR PRODUCING THERMOPLASTIC MOLDING MATERIALS USING RUBBER SOLUTIONS
- PROCEDE DE PRODUCTION DE MATIERES MOULABLES THERMOPLASTIQUES A L'AIDE DE SOLUTIONS A BASE DE CAOUTCHOUC
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MICHELS, Gisbert** [DE/DE]; Morgenbraten 3, D-51061 Köln (DE). **WINDISCH, Heike** [DE/DE]; Humboldtstrasse 51, D-51379 Leverkusen (DE). **KRÜGER, Peter** [DE/DE]; Tempelhofenstr. 60, D-51375 Leverkusen (DE). **VANHOORNE, Pierre** [BE/DE]; Charlottenstrasse 30, D-40210 Düsseldorf (DE). **BRANDT, Heinz-Dieter** [DE/DE]; Küferstr. 50, D-47877 Willich (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08F 290/14, C03C 25/10, C09D 175/14**
- (11) **WO 00/69941** (13) A1
- (21) PCT/NL00/00299
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 60/134,226 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● PROCESS FOR PREPARING UNIFORMLY CONSISTENT RADIATION-CURABLE COMPOSITIONS
- PROCEDE D'OBTENTION DE COMPOSITIONS A SECHAGE PAR RAYONNEMENT AUX PROPRIETES HOMOGENES
- (71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
- (72) **BISHOP, Timothy, Edward**; 1720 Riverwood Drive, Algonquin, IL 60120 (US). **SNOWWHITE, Paul, Eugene**; W192 S7216 Hillside Drive, Muskego, WI 53150 (US). **PETISCE, James, Raymond**; 10228 East Vinyard Lake Road, Jacksonville, FL 32256 (US). **ZIMMERMAN, John, Monroe**; 1616 Birmingham Lane, Crystal Lake, IL 60014 (US). **TURNER, James, Robert**; 21324 Ginger Lane, Frankfort, IL 60423 (US).
- (74) **DEN HARTOG, Jeroen, Hendrikus, Joseph**; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)<sup>6</sup> **C08F 293/00, C08L 71/02, A61K 9/52**
- (11) **WO 00/69942** (13) A1
- (21) PCT/US00/14081
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 60/134,929 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● STABILIZATION AND ACOUSTIC ACTIVATION OF POLYMERIC MICELLES FOR DRUG DELIVERY
- STABILISATION ET ACTIVATION ACOUSTIQUE DE MICELLES POLYMERES POUR ADMINISTRATION DE MEDICAMENTS
- 
- (71) **UNIVERSITY OF UTAH RESEARCH FOUNDATION** [US/US]; Technology Transfer Office, 615 Arapeen Drive, Suite #110, Salt Lake City, UT 84108 (US). **BRIGHAM YOUNG UNIVERSITY** [US/US]; Technology Transfer Office, A-268 ASB, Provo, UT 84602-1231 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **RAPOPORT, Natalya** [US/US]; 8444 South 1275 East, Sandy, UT 84112 (US). **PITT, William, G.** [US/US]; 85 West 1565 North, Orem, UT 84057 (US).
- (74) **SONNTAG, James, L.**; P.O. Box 21, Heber City, UT 84032-0021 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> **C08G 18/32, 18/42, 18/50, 18/60, C08J 3/02, 3/09, C08K 5/01, 5/04, 5/07, 5/10, 5/15, 5/3415, C09D 175/02**
- (11) **WO 00/69943** (13) A1
- (21) PCT/US00/12992
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/133,981 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● POLYUREA COMPOSITION
- COMPOSITION DE POLYUREE
- (71) **K & L TECHNOLOGIES, INC.** [US/US]; 607 Ellis Road, Durham, NC 27706 (US).
- (72) **KOVACS, Stephen, G.**; 8 Innisfree Drive, Durham, NC (US).
- (74) **PHILIPS, Michael, R.** et al. / etc.; Olive & Olive, P.A., P.O. Box 2049, Durham, NC 27702 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08G 18/34, 18/81, C08F 220/36**
- (11) **WO 00/69944** (13) A1
- (21) PCT/US00/08319



- (22) **29 Mar/mar 2000 (29.03.2000)**
- (25) en (26) en
- (30) 09/314,489 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● POLYMERIZABLE ACIDIC COMPOUNDS AND METHODS OF PREPARATION  
● COMPOSES ACIDES POLYMERISABLES ET PROCEDES DE PREPARATION
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3m Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **SHEN, Byron, C.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **LEIR, Charles, M.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **DEVRIES, Amy, M.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **SKOLNICK, Steven, E.** et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08G 63/19, 63/79, C08J 7/04, C09D 167/03, B32B 27/08**
- (11) **WO 00/69945** (13) A1
- (21) PCT/US00/12516
- (22) **8 May/mai 2000 (08.05.2000)**
- (25) en (26) en
- (30) 60/134,692 **18 May/mai 1999 US (18.05.1999)**
- (30) 09/368,706 **5 Aug/août 1999 US (05.08.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● THERMALLY STABLE POLYMERS, METHOD OF PREPARATION, AND ARTICLES MADE THEREFROM  
● POLYMERES THERMIQUEMENT STABLES, PROCEDE DE PREPARATION ET ARTICLES FABRIQUES A PARTIR DE CES POLYMERES
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) **BRUNELLE, Daniel, Joseph**; 4 Woods Edge, Burnt Hills, NY 12027 (US). **SURIANO, Joseph, Anthony**; 35 Gloucester Street, Clifton Park, NY 12065 (US). **JANG, Taeseok**; 15 25th Street, Troy, NY 12180 (US). **SICLOVAN, Tiberiu, Mircea**; 1455 Dorwaldt Boulevard #5-9, Schenectady, NY 12302 (US). **PICKETT, James, Edward**; 4331 Buckingham Drive, Schenectady, NY 12304 (US). **O'NEIL, Gregory, Allen**; 27 Squire Lane, Clifton Park, NY 12065 (US).
- (74) **WINTER, Catherine, J.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).
- (81) JP SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C08G 63/48, 63/91, C08L 33/02, 37/00, 51/00, 51/04, 53/00**
- (11) **WO 00/69946** (13) A1
- (21) PCT/US00/13671
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/314,745 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD OF MAKING GELS HAVING HIGH DAMPING PROPERTIES  
● PROCEDE DE FABRICATION DE GELS PRESENTANT DE FORTES PROPRIETES D'AMORTISSEMENT
- (63) US Not furnished / non communiqué (CON)  
Not furnished / non communiquée
- (71) **BRIDGESTONE CORPORATION** [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WANG, Xiaorong** [CN/US]; 1788D Amber Hills Drive, Akron, OH 44313 (US). **FOLTZ, Victor** [US/US]; 2895 Premae Drive, Akron, OH 44312 (US).
- (74) **HORNICKEL, John** et al. / etc.; Bridgestone/Firestone, Inc., I.P. Law Dept., 1200 Firestone Parkway, Akron, OH 44317 (US).
- (81) CA CN JP KR US.
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- (51)<sup>7</sup> **C08G 64/40, 64/30, C08K 3/32, 5/42, C08L 69/00**
- (11) **WO 00/69947** (13) A1
- (21) PCT/US00/11292
- (22) **26 Apr/avr 2000 (26.04.2000)**
- (25) en (26) en
- (30) 09/313,063 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD FOR QUENCHING OF POLYCARBONATE AND COMPOSITIONS PREPARED THEREBY  
● PROCEDE DE TREMPERIE DE POLYCARBONATE ET COMPOSITIONS PREPAREES AVEC CE PRODUIT
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) **MESTANZA, Raphael**; Rue de St. Valery en Caux, F-76460 Saint Riquier es Plain (FR).
- (74) **SNYDER, Bernard** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08G 73/10, C09J 179/08, C09D 179/08**
- (11) **WO 00/69948** (13) A1
- (21) PCT/US00/13669
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 60/135,334 **18 May/mai 1999 US (18.05.1999)**
- (30) 09/575,826 **18 May/mai 2000 US (18.05.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● COMPOSITION OF AND METHOD FOR MAKING HIGH PERFORMANCE RESINS FOR INFUSION AND TRANSFER MOLDING PROCESSES  
● COMPOSITION ET PROCEDE PERMETTANT DE PRODUIRE DES RESINES HAUTE PERFORMANCE POUR PROCESSUS DE MOULAGE PAR INJECTION ET PAR TRANSFERT DE RESINE
- (71) **THE GOVERNMENT OF THE UNITED STATES as represented by THE ADMINISTRATOR OF THE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION** [US/US]; NASA Langley Research Center, 3 Langley Boulevard, Mail Stop 212, Hampton, VA 23681-2199 (US).
- (72) **CONNELL, John**; 204 Henry Lee Lane, Yorktown, VA 23692 (US). **SMITH, Joseph**; 208 Smithfield Drive, Smithfield, VA 23430 (US). **HERGENROTHER, Paul**; 304 Old Dominion Road, Yorktown, VA 23692 (US).
- (74) **HAWKINS, Hillary** et al. / etc.; NASA Langley Research Center, 3 Langley Boulevard, Mail Stop 212, Hampton, VA 23681-2199 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08G 77/26, 77/28, 77/30, B01D 15/00, C02F 1/42, C04B 35/16

(11) WO 00/69949 (13) A1

(21) PCT/US00/13534

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 60/134,828 19 May/mai 1999 US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ORGANO-CERAMIC COMPOSITE MATERIALS, THEIR USE AS ADSORBENTS, AND METHODS OF MAKING THE SAME

• MATERIAUX COMPOSITES ORGANO-CERAMIQUES, UTILISATIONS DE CES DERNIERS EN TANT QU'ADSORBANTS ET PROCÉDES DE PRÉPARATION ASSOCIÉS

(71) SYRACUSE UNIVERSITY [US/US]; 113 Bowne Hall, Syracuse, NY 13244-1200 (US).

(72) TAVLARIDES, Lawrence, L.; 5117 Muirfield Drive, Fayetteville, NY 13066 (US). DEORKAR, Nandu, V.; 2467 Route 10 East, Apt. 37-2A, Morris Plains, NJ 07950 (US). LEE, Jun-Sig; 321 Slocum Heights #1, Syracuse, NY 13210 (US).

(74) GOLDMAN, Michael, L. et al. / etc.; Nixon Peabody LLP, Clinton Square, P.O. Box 1051, Rochester, NY 14603 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08J 5/18, B41M 5/00, D06P 5/30, D01F 1/10, 6/04, 6/06, C08K 5/00

(11) WO 00/69950 (13) A1

(21) PCT/US99/11053

(22) 19 May/mai 1999 (19.05.1999)

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PRINTING OF OLEFINIC SUBSTRATES COMPRISING A NON-IONIC FLUORO-CHEMICAL SURFACTANT

• IMPRESSION DE SUBSTRATS OLEFINIQUES COMPRENANT UN COMPOSE FLUORE TENSIOACTIF NON IONIQUE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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(72, 75) GOEMAN, Bart [BE/BE]; Hyacinntenlaan 4, B-9140 Steendorp/Temse (BE). KLUN, Thomas, P. [US/US]; 16267 3rd Street Court South, Lakeland, MN 55043 (US). MIN, Seungbae [KR/KR]; 305-1401, Neuti-maeul, Jungja-dong 88, Pundang-ku, Sungnam-si, Kyonggi-do (KR).

(74) WEISS, Lucy, C. et al. / etc.; 3M Innovative Properties Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08J 9/00

(11) WO 00/69951 (13) A2

(21) PCT/US00/13412

(22) 16 May/mai 2000 (16.05.2000)

(25) en (26) en

(30) 09/314,269 18 May/mai 1999 US (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PLASMA-ANNEALED POROUS POLYMERS  
• POLYMERES POREUX A PLASMA RECUIT

(63) US 09/314,269 (CIP)  
18 May/mai 1999 (18.05.1999)

(71) NEOMECS INCORPORATED [US/US]; 10180 Viking Drive, Eden Prairie, MN 55344-7207 (US).

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(72, 75) NOMURA, Hiroshi [JP/US]; 19240 McKinley Court, Shorewood, MN 55416 (US).

(74) PETERSEN, Robert, J.; NeoMecs Incorporated, 10180 Viking Drive, Eden Prairie, MN 55344-7207 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08J 11/08, 3/09

(11) WO 00/69952 (13) A1

(21) PCT/DE00/01475

(22) 12 May/mai 2000 (12.05.2000)

(25) de (26) de

(30) 199 22 944.9 14 May/mai 1999 DE (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ACCELERATION OF THE PHASE SEPARATION OF LIQUID PHASES WHICH CONTAIN POLYMERS

• ACCELERATION DE LA SEPARATION DE PHASES LIQUIDES CONTENANT DES POLYMERES

(71) DKR DEUTSCHE GESELLSCHAFT FÜR KUNSTSTOFF-RECYCLING MBH [DE/DE]; Franfurter Strasse 720-726, D-51145 Köln (DE).

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

(72, 75) SADOWSKI, Gabriele [DE/DE]; Woerdetalstrasse 2, D-15366 Hönow (DE). ARLT, Wolfgang [DE/DE]; Borgsdorfer Strasse 2, D-16540 Hohen Neuendorf (DE). SEILER, Matthias [DE/DE]; Bondicksstrasse 64, D-13469 Berlin (DE). THIELE, Andreas [DE/DE]; Limburger Strasse 33, D-52064 Aachen (DE).

(74) BOEHMERT & BOEHMERT; Hollerallee 32, D-28209 Bremen (DE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) 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 NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C08J 11/18, C08L 17/00, 21/00, C08K 3/04, C09C 1/48

(11) WO 00/69953 (13) A1

(21) PCT/JP00/03109

(22) 15 May/mai 2000 (15.05.2000)

(25) ja (26) ja

(30) 11/132744 13 May/mai 1999 JP (13.05.1999)

(30) 2000/35831 14 Feb/fév 2000 JP (14.02.2000)

(30) 2000/35895 14 Feb/fév 2000 JP (14.02.2000)

(30) 2000/35896 14 Feb/fév 2000 JP (14.02.2000)

(30) 2000/35897 14 Feb/fév 2000 JP (14.02.2000)

(30) 2000/140679 12 May/mai 2000 JP (12.05.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHODS OF SEPARATING VULCANIZED OR UNVULCANIZED RUBBER AND SEPARATING RUBBER COMPOSITE, RUBBER COMPOSITION CONTAINING RECOVERED RUBBER OR RECOVERED CARBON BLACK, AND PROCESS FOR PRODUCING CARBON BLACK

• PROCEDES DE SEPARATION DE CAOUTCHOUC, VULCANISE OU NON VULCANISE, ET COMPOSITE EN CAOUTCHOUC ; COMPOSITION DE CAOUTCHOUC RENFERMANT DU CAOUTCHOUC OU DU NOIR DE CARBONE RECUPERES ET PROCEDE D'OBTENTION DE NOIR DE CARBONE

(71) THE YOKOHAMA RUBBER CO., LTD. [JP/JP]; 36-11, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) UDAGAWA, Yoshitaka [JP/JP]; The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka City, Kanagawa 254-0047 (JP). ASHIZAWA, Susumu [JP/JP]; The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka City, Kanagawa 254-0047 (JP).

(74) WATANABE, Mochitoshi et al. / etc.; Hayakawa-tonakai Building, 3rd floor, 12-5, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101-0032 (JP).

(81) US; EP (DE).

(51)<sup>7</sup> C08K 3/00, C09D 5/20

(11) WO 00/69954 (13) A1

(21) PCT/EP00/03927

(22) 2 May/mai 2000 (02.05.2000)

(25) de (26) de

(30) 199 21 885.4 12 May/mai 1999 DE (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DISPERSANTS AND COATING PRODUCED USING SAID DISPERSANTS

• AGENT DE DISPERSION ET REVETEMENT PRODUIT A PARTIR DE CE DERNIER

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; D-51368 Leverkusen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) VOIGT, Michael [DE/DE]; Düsseldorf Str. 8, D-47239 Duisburg (DE). GRIGAT, Ernst [DE/DE]; Gruntermühlenweg 16, D-51381 Leverkusen (DE).

(74) BAYER AKTIENGESELLSCHAFT; D-51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08K 3/04, 3/08

(11) WO 00/69955 (13) A1

(21) PCT/US00/13081

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 09/312,250 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CORROSION-RESISTANT COMPOSITION OF MATTER HAVING ENHANCED THERMAL CONDUCTIVITY, HEAT EXCHANGERS MADE THEREFROM, AND METHOD OF MAKING SAME

• COMPOSITION DE MATIERE RESISTANTE A LA CORROSION PRESENTANT UNE CONDUCTIBILITE THERMIQUE AMELIOREE, ECHANGEURS THERMIQUES PRODUIT A PARTIR DE CELLE-CI, ET SON PROCEDE DE PRODUCTION

(71, 72) YARBROUGH, Merrill, A. [US/US]; 730 South Military Trail, Deerfield, FL 33442 (US). COATS, Alma [US/US]; 730 South Military Trail, Deerfield, FL 33442 (US).

(74) CROSBY, Kevin, P.; Brinkley, Mc Nerney, Morgan, Solomon & Tatum, LLP, Suite 1800, 200 East Las Olas Boulevard, Ft. Lauderdale, FL 33301 (US).

(81) AU BR CA CN JP MX NZ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> C08K 5/34, C08L 53/02, 23/20 // (C08K 5/34, 5:3435, 5:3475)

(11) WO 00/69956 (13) A1

(21) PCT/US00/10610

(22) 20 Apr/avr 2000 (20.04.2000)

(25) en (26) en

(30) 60/134,797 19 May/mai 1999 US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • HYDROGENATED VINYL AROMATIC POLYMER COMPOSITIONS CONTAINING STABILIZERS

• COMPOSITIONS DE POLYMERES VINYLAROMATIQUES HYDROGENES CONTENANT DES STABILISANTS

(71) THE DOW CHEMICAL COMPANY [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

(72) BLAHA, John, T.; 8805 Spinnaker Way, C1, Ypsilanti, MI 48197 (US). PARSONS, Gary, D.; 5016 Redfern Circle, Midland, MI 48642 (US). HAHNFELD, Jerry, L.; 920 Scenic Drive, Midland, MI 48642 (US).

(74) ZETTLER, Lynn, M.; Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08K 7/16, 3/34

(11) WO 00/69957 (13) A1

(21) PCT/US00/11656

(22) 1 May/mai 2000 (01.05.2000)

(25) en (26) en

(30) 09/311,132 13 May/mai 1999 US (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • GENERAL APPROACH TO NANOCOMPOSITE PREPARATION

• METHODE GENERALE DE PREPARATION DE NANOCOMPOSITES

(71) EDISON POLYMER INNOVATION CORPORATION [US/US]; Suite 150, 4040 Embassy Parkway, Akron, OH 44333 (US).

(72) ISHIDA, Hatsu; 2903 Weybridge Road, Shaker Heights, OH 44120 (US).

(74) HUDAK, Daniel, J. et al. / etc.; Hudak & Shunk Co., L.P.A., Suite 808, 7 West Bowery Street, Akron, OH 44308-1133 (US).

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> C08K 7/24, C08J 3/20

(11) WO 00/69958 (13) A1

(21) PCT/EP00/04408

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 99109785.8 18 May/mai 1999 EP (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • REINFORCED POLYMERS

• POLYMERES RENFORCES

(71) FINA RESEARCH S.A. [BE/BE]; Zone Industrielle C, B-7181 Seneffe (Feluy) (BE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUPIRE, Marc [BE/BE]; Rue Mauric Flament (H.), 4, B-7022 Mons (BE). MICHEL, Jacques [BE/BE]; Chaussée de Marche, 2/C, B-7181 Seneffe (BE).

(74) FINA RESEARCH S.A.; Patent Department, Zone Industrielle C, B-7181 Seneffe (Feluy) (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08L

(11) WO 00/69959 (13) A2

(21) PCT/US00/13968

(22) 19 May/mai 2000 (19.05.2000)

(25) en (26) en

(30) 60/134,866 19 May/mai 1999 US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • POLYMER LAYERED INORGANIC NANOCOMPOSITES

• NANOCOMPOSITES INORGANIQUES A COUCHES POLYMERES

(71) NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY [US/US]; Office of Technology Development, Physics Building, Room B-256, Gaithersburg, MD 20899 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GILMAN, Jeffrey, W. [US/US]; 701 South Main Street, Mt. Airy, MD 21771 (US). PHILLIPS, Shawn, H. [US/US]; Apartment 107, 801 West Avenue L., Lancaster, CA 93534 (US). CHAFFEE, Kevin,

P [US/US]; 43036 30th Street, Apartment #138, Lancaster, CA 93536 (US). MORGAN, Alexander, B [US/US]; Apartment D, 12825 Locbury Court, Germantown, MD 20874 (US).

(74) JAGTIANI, Ajay; Jagtiani & Associates, 10379- B Democracy Lane, Fairfax, VA 22030 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08L 3/02 // (C08L 3/02, 71:10)

(11) WO 00/69960 (13) A1

(21) PCT/US00/10738

(22) 20 Apr/avr 2000 (20.04.2000)

(25) en (26) en

(30) 60/134,269 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PROCESS FOR PREPARING STARCH AND EPOXY-BASED THERMOPLASTIC POLYMER COMPOSITIONS

• PROCEDE DE PREPARATION DE COMPOSITIONS POLYMERIQUES THERMOPLASTIQUES A BASE D'AMIDON ET D'EPOXYDE

(71) THE DOW CHEMICAL COMPANY [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

(72) WINKLER, Marie, S.; 123 Bayou Road, Lake Jackson, TX 77566 (US). KIRKPATRICK, Donald, E.; 412 Harper Lane, Midland, MI 48640 (US). BERRY, Tricia, S.; 237 Anyway, Lake Jackson, TX 77566 (US).

(74) DAMOCLES, Nemia, C.; Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08L 23/08, C08K 3/22

(11) WO 00/69961 (13) A1

(21) PCT/JP00/03140

(22) 16 May/mai 2000 (16.05.2000)

(25) ja (26) ja

(30) 11/135234 17 May/mai 1999 JP (17.05.1999)

(30) 11/293648 15 Oct/oct 1999 JP (15.10.1999)

(30) 11/347326 7 Dec/déc 1999 JP (07.12.1999)

(30) 2000/24902 2 Feb/fév 2000 JP (02.02.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FLAME RETARDANT RESIN COMPOSITION

• COMPOSITION DE RESINE IGNI-FUGE

(71) DU PONT-MITSUI POLYCHEMICALS CO., LTD [JP/JP]; 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-6090 (JP).

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

(72, 75) AOYAMA, Masataka [JP/JP]; 2-4-1, Yushudai nishi, Ichihara-shi, Chiba 299-0125 (JP).

(74) SUZUKI, Ikuo; Atagoyama Bengoshi Building, 6-7, Atago 1-chome, Minato-ku, Tokyo 105-0002 (JP).

(81) CA CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> C08L 23/12, B32B 27/32

(11) WO 00/69962 (13) A1

(21) PCT/US00/12212

(22) 4 May/mai 2000 (04.05.2000)

(25) en (26) en

(30) 09/310,223 12 May/mai 1999 US (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR PRODUCING IMPROVED OPAQUE POLYMERIC FILMS

• OBTENTION DE FILMS POLYMERES OPAQUES AMELIORES

(71) MOBIL OIL CORPORATION [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).

(72) PEET, Robert, G.; 44 Sunset Boulevard, Pittsford, NY 14534-2143 (US).

(74) SIMMONS, Thomas, D. et al. / etc.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AU BR CA CN ID JP KR SG VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> C08L 23/16

(11) WO 00/69963 (13) A1

(21) PCT/US00/13011

(22) 12 May/mai 2000 (12.05.2000)

- (25) en (26) en
- (30) 60/133,966 **13 May/mai 1999** US  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ELASTIC FILMS INCLUDING CRYSTALLINE POLYMER AND CRYSTALLIZABLE POLYMERS OF PROPYLENE  
• FILMS ELASTIQUES RENFERMANT UN POLYMERE CRISTALLIN ET DES POLYMERES CRISTALLISABLES DE PROPYLENE
- (71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Dr., Baytown, TX 77520-5200 (US).
- (72) **DATTA, Sudhin**; 2203 Driscoll Street, Houston, TX 77019-6826 (US). **MIDDLESWORTH, Jeffrey, A.**; 116 S. Maple Street, Wauconda, IL 60084 (US).
- (74) **REID, Frank, E.** et al. / etc.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).
- (81) AU BR CA CN JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> C08L 23/16
- (11) **WO 00/69964** (13) A1
- (21) PCT/US00/13234
- (22) **12 May/mai 2000** (12.05.2000)
- (25) en (26) en
- (30) 60/133,966 **13 May/mai 1999** US  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • THERMOPLASTIC FILLED MEMBRANES OF PROPYLENE COPOLYMERS  
• MEMBRANES THERMOPLASTIQUES DE COPOLYMERES DE PROPYLENE CHARGEES
- (71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).
- (72) **DHARMARAJAN, N., R.**; 14535 Little Willow Walk, Houston, TX 77062 (US). **BULAWA, M., C.**; 3403 Mission Viejo, Baytown, TX 77520 (US). **DATTA, Sudhin**; 2203 Driscoll Street, Houston, TX 77019-6826 (US). **TSOU, Andy, H.**; 3007 Prairie Knoll Court, Houston, TX 77059 (US).
- (74) **REID, Frank, E.** et al. / etc.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).
- (81) AU BR CA CN JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> C08L 23/16
- (11) **WO 00/69965** (13) A1
- (21) PCT/US00/13359
- (22) **15 May/mai 2000** (15.05.2000)
- (25) en (26) en
- (30) 60/133,966 **13 May/mai 1999** US  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • THERMOPLASTIC FILLED MEMBRANES OF PROPYLENE COPOLYMERS  
• MEMBRANES DE COPOLYMERES DE PROPYLENE REMPLIES DE COMPOSANTS THERMOPLASTIQUES
- (71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).
- (72) **DHARMARAJAN, N., R.**; 14535 Little Willow Walk, Houston, TX 77062 (US). **BULAWA, M., C.**; 3403 Mission Viejo, Baytown, TX 77520 (US). **DATTA, Sudhin**; 2203 Driscoll Street, Houston, TX 77019-6826 (US). **TSOU, Andy, H.**; 3007 Prairie Knoll Court, Houston, TX 77059 (US).
- (74) **REID, Frank, E.** et al. / etc.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).
- (81) AU BR CA CN JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> C08L 23/22, 23/10, 23/28
- (11) **WO 00/69966** (13) A1
- (21) PCT/US00/13006
- (22) **11 May/mai 2000** (11.05.2000)
- (25) en (26) en
- (30) 60/134,835 **19 May/mai 1999** US  
(19.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ISOBUTYLENE BASED ELASTOMER BLENDS HAVING IMPROVED STRENGTH, ELASTICITY, AND REDUCED PERMEABILITY  
• MELANGES D'ELASTOMERES A BASE D'ISOBUTYLENE PRESENTANT UNE RESISTANCE ET UNE ELASTICITE AMELIOREES AINSI QU'UNE PERMEABILITE REDUITE
- (71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Dr., Baytown, TX 77520-5200 (US).
- (72) **WANG, Hsien-Chang**; 536 College, Belaire, TX 77401 (US). **DUVDEVANI, Ilan**; 3005 Sackett Street, Houston, TX 77098 (US). **DATTA, Sudhin**; 2203 Driscoll Street, Houston, TX 77019-6826 (US). **QIAN, Connie, R.**; 3211 Pleasant Cove Court, Houston, TX 77059 (US).
- (74) **REIDY, Joseph, F.** et al. / etc.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).
- (81) BR CA CN CZ HU IN JP KR MX PL RU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> C08L 27/12
- (11) **WO 00/69967** (13) A1
- (21) PCT/US99/21280
- (22) **16 Sep/sep 1999** (16.09.1999)
- (25) en (26) en
- (30) 09/311,107 **13 May/mai 1999** US  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • POLYMER PROCESSING ADDITIVE CONTAINING A MULTIMODAL-FLUOROPOLYMER AND A MELT PROCESSABLE THERMOPLASTIC POLYMER COMPOSITION EMPLOYING THE SAME  
• ADDITIF DE TRAITEMENT DE POLYMERES CONTENANT UN POLYMERE FLUORE MULTIMODAL ET COMPOSITION DE POLYMERE THERMOPLASTIQUE TRAITABLE PAR FUSION UTILISANT CET ADDITIF
- (71) **DYNEON LLC** [US/US]; 6744 33rd Street North, Oakdale, MN 55128 (US).
- (72) **DILLON, Maria, P.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **WOODS, Susan, S.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **FRONEK, Kirsten, J.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **LAVALLEE, Claude**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **AMOS, Stephen, E.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **WELLANDT, Karl-Dieter**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **KASPAR, Harald**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **COGGIO, William, D.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **LILLY, James, V.**; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW NX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08L 27/16, C08K 5/19, 3/04
- (11) **WO 00/69968** (13) A1
- (21) PCT/JP00/03020
- (22) **11 May/mai 2000** (11.05.2000)
- (25) ja (26) ja
- (30) 11/131865 **12 May/mai 1999** JP  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SEMICONDUCTIVE POLYVINYLIDENE FLUORIDE RESIN COMPOSITION

- COMPOSITION A BASE DE RESINE DE FLUORURE DE POLYVINYLIDENE SEMI-CONDUCTRICE
- (71) **KUREHA KAGAKU KOGYO K.K.** [JP/JP]; 9-11, Nihonbashi Horidomecho 1-chome, Chuo-ku, Tokyo 103-8552 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KITAMURA, Hideki** [JP/JP]; Nishiki Research Laboratories, Kureha Kagaku Kogyo K.K., 16, Ochiai, Nishiki-machi, Iwaki-shi, Fukushima 974-8686 (JP). **MATSUNAGA, Satoru** [JP/JP]; Nishiki Research Laboratories, Kureha Kagaku Kogyo K.K., 16, Ochiai, Nishiki-machi, Iwaki-shi, Fukushima 974-8686 (JP). **ITO, Mitsuru** [JP/JP]; Nishiki Research Laboratories, Kureha Kagaku Kogyo K.K., 16, Ochiai, Nishiki-machi, Iwaki-shi, Fukushima 974-8686 (JP). **MORIYAMA, Nobuhiro** [JP/JP]; Nishiki Research Laboratories, Kureha Kagaku Kogyo K.K., 16, Ochiai, Nishiki-machi, Iwaki-shi, Fukushima 974-8686 (JP).
- (74) **NISHIKAWA, Shigeaki**; Visual City 401, 43-8, Higashi-Nippori 3-chome, Arakawa-ku, Tokyo 116-0014 (JP).
- (81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C08L 27/18, 27/12, C08K 3/04, H05K 9/00 // (C08L 27/12, 27:12, 27:12) (C08L 27/18, 27:18, 27:18)**
- (11) **WO 00/69969** (13) A1
- (21) PCT/US99/21361
- (22) **16 Sep/sep 1999 (16.09.1999)**
- (25) en (26) en
- (30) 09/311,111 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • NOVEL FLUOROPLASTIC POLYMERS WITH IMPROVED CHARACTERISTICS
- POLYMERES PLASTIQUES FLUORES A CARACTERISTIQUES AMELIOREES
- (71) **DYNEON LLC** [US/US]; 6744 33rd Street North, Oakdale, MN 55128 (US).
- (72) **DUCHESNE, Denis**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **KASPAR, Harald**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **LOHR, Gernot**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **MOLNAR, Attila, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **HINTZER, Klaus**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **DILLON, Maria, P.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **WOODS, Susan, S.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **FRONEK, Kirsten, J.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **KLOOS, Friedrich**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **LILLY, James, V.**; Dyneon LLC, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08L 33/08, 33/10, C08F 2/44, E21D 19/00**
- (11) **WO 00/69970** (13) A1
- (21) PCT/AU00/00460
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 60/134,454 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • POLYMERIC STRUCTURAL SUPPORT MEMBRANE
- MEMBRANE SUPPORT STRUCTURALE POLYMERIQUE
- (71) **KNOX, John, Andrew** [AU/AU]; 57 Tyrell Street, Nedlands, Western Australia 6009 (AU). *(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) **PRETORIUS, Hendrik, Johannes, Gideon** [ZA/ZA]; 4 Bach Avenue, 2520 Potchefstroom (ZA).
- (74) **MCSTEAE, John, Anthony**; MBT (Schweiz) AG, Patents And Trade Marks, Vulkanstrasse 110, CH-8048 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08L 67/06, F21V 7/22, C08L 67/07 // (C08L 67/06, 67:06)**
- (11) **WO 00/69971** (13) A1
- (21) PCT/NL00/00316
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 99201461.3 **12 May/mai 1999 EP (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • RESIN COMPOSITION BASED ON UNSATURATED POLYESTER
- COMPOSITION DE RESINE A BASE DE POLYESTER INSATURE
- (71) **DSM N.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) **BUHL, Dieter** [DE/DE]; Kaethe Kollwitz Strasse 4A, D-67227 Frankenthal (DE). **GERTH, Dale** [US/DE]; Farrenturm-gasse 17A, D-67346 Speyer (DE). **ZWECKER, Joachim** [DE/DE]; Hauptstrasse 106, D-69469 Weinheim (DE).
- (74) **DAUTZENBERG, Jozef, Marie, Andreas**; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **C08L 101/00 // 27/12**
- (11) **WO 00/69972** (13) A1
- (21) PCT/US00/13106
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/133,974 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MELT PROCESSABLE THERMOPLASTIC POLYMER COMPOSITION
- COMPOSITION POLYMERE THERMOPLASTIQUE TRANSFORMABLE A CHAUD
- (71) **DYNEON LLC** [US/US]; 6744 33rd Street North, Oakdale, MN 55128 (US).
- (72) **LAVALLEE, Claude**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **DILLON, Maria, P.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **BLONG, Thomas, J.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **WOODS, Susan, S.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **LE BLANC, Shannon, S.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **LILLY, James, V.**; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C09B 62/02, 43/16, A61K 7/13

(11) WO 00/69973 (13) A1

(21) PCT/US00/12749

(22) 10 May/mai 2000 (10.05.2000)

(25) en (26) en

(30) 9911691.5 19 May/mai 1999 GB (19.05.1999)

(30) 9923333.0 1 Oct/oct 1999 GB (01.10.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • REACTIVE DYE COMPOUNDS

• COMPOSES COLORANTS REACTIFS

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

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(72, 75) LEWIS, David, Malcolm [GB/GB]; 13 St. Richards Road, Otley, West Yorkshire LS21 2AL (GB). HE, Wei, Dong [GB/GB]; 11 Tingley Common, Morley, Leeds, Yorkshire LS27 0HF (GB). YOUSAF, Taher, Iqbal [GB/GB]; 10 School Lane, Egham, Surrey TW20 9LQ (GB). GENAIN, Gilles, Yves, Marie, Fernand [GB/FR]; 7 Stamford Brook Avenue, London W6 0YB (GB).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C09B 62/503

(11) WO 00/69974 (13) A1

(21) PCT/US00/12750

(22) 10 May/mai 2000 (10.05.2000)

(25) en (26) en

(30) 9911690.7 19 May/mai 1999 GB (19.05.1999)

(30) 9923331.4 1 Oct/oct 1999 GB (01.10.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • REACTIVE DYE COMPOUNDS

• COMPOSES COLORANTS REACTIFS

(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) LEWIS, David, Malcolm [GB/GB]; 13 St. Richards Road, Otley, West Yorkshire LS21 2AL (GB). HE, Wei, Dong [GB/GB]; 11 Tingley Common, Morley, Leeds, Yorkshire LS27 0HF (GB). YOUSAF, Taher, Iqbal [GB/GB]; 10 School Lane, Egham, Surrey TW20 9LQ (GB). GENAIN, Gilles, Yves, Marie, Fernand [GB/FR]; 7 Stamford Brook Avenue, London W6 0YB (GB).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C09C 1/00, 1/64, 1/62, 3/06

(11) WO 00/69975 (13) A1

(21) PCT/US00/05869

(22) 7 Mar/mar 2000 (07.03.2000)

(25) en (26) en

(30) 09/312,319 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • BRIGHT ALUMINUM PIGMENT

• PIGMENT BRILLANT D'ALUMINIUM

(71) FLEX PRODUCTS, INC. [US/US]; 1402 Mariner Way, Santa Rosa, CA 95407 (US).

(72) MATTEUCCI, John, S.; 11812 Redwood Highway, Healdsburg, CA 95448 (US).

(74) SEELEY, David, O. et al. / etc.; Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AU CA CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (b)

(51)<sup>7</sup> C09C 1/30, C09D 5/08

(11) WO 00/69976 (13) A1

(21) PCT/FR00/01286

(22) 12 May/mai 2000 (12.05.2000)

(25) fr (26) fr

(30) 99/06110 12 May/mai 1999 FR (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SILICA SOL, COMPOSITION CONTAINING THE SAME, METHOD FOR TREATING SAID SILICA SOL AND USES THEREOF

• SOL DE SILICE, COMPOSITION LE COMPRENANT, PROCEDE DE TRAITEMENT ET SES UTILISATIONS

(71) UNIVERSITE DE FRANCHE-COMTE [FR/FR]; 16, route de Gray, F-25030 Besançon Cedex (FR).

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(72, 75) PERSELLO, Jacques [FR/FR]; 6, rue de Lavaux, F-25320 Rancenay (FR).

(74) BALLOT, Paul; Cabinet Ballot-Schmit, 7, rue Le Sueur, F-75116 Paris (FR).

(81) AU BR CA IL JP NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> C09C 1/42, D21H 17/68, 17/69, 19/40

(11) WO 00/69977 (13) A1

(21) PCT/GB00/01800

(22) 17 May/mai 2000 (17.05.2000)

(25) en (26) en

(30) 9911396.1 18 May/mai 1999 GB (18.05.1999)

(30) 9911393.8 18 May/mai 1999 GB (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • KAOLIN PRODUCTS AND THEIR PREPARATION AND USE IN PAPER MAKING AND COATING

• PRODUITS DU KAOLIN, LEUR PREPARATION ET LEUR UTILISATION POUR LA PRODUCTION DE PAPIER OU D'UN REVETEMENT

(71) IMERYS MINERALS LIMITED [GB/GB]; John Keay House, St. Austell, Cornwall PL25 4DJ (GB).

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

(72, 75) HUSBAND, John, Claude [GB/GB]; 32 Parkway, St. Austell, Cornwall (GB).

(74) MCCORMACK, Derek, James; Imerys Minerals Limited, Intellectual Property Department, John Keay House, St. Austell, Cornwall PL25 4DJ (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C09D 4/00, C08F 230/04, 230/08, 220/06, C09D 4/06, C08F 290/00, C09D 5/08, C23C 22/00

(11) WO 00/69978 (13) A1

(21) PCT/EP00/04151

(22) 10 May/mai 2000 (10.05.2000)

(25) de (26) de

(30) 199 23 118.4 19 May/mai 1999 DE (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CHROMIUM-FREE CORROSION PREVENTIVE AND CORROSION PREVENTION METHOD

• AGENT DE PROTECTION CONTRE LA CORROSION EXEMPT DE CHROME ET PROCEDE DE PROTECTION CONTRE LA CORROSION

(71) HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOCH, Matthias [DE/DE]; Hügelstrasse 32, D-40589 Düsseldorf (DE). MOTZKAT, Kerstin [DE/DE]; Forstthofstrasse 25, D-46149 Oberhausen (DE). HACKBARTH, Karsten [DE/DE]; Tiergartenstrasse 4, D-40237 Düsseldorf (DE). SANDER, Jörg [DE/DE]; Birther Strasse 141a, D-42549 Velbert (DE).

(81) AU CA CN KR RU US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> C09D 5/00

(11) WO 00/69979 (13) A2

(21) PCT/US00/13670

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 09/314,404 19 May/mai 1999 US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • POWDER SLURRY COATING COMPOSITION

• COMPOSITION DE REVETEMENT EN POUDRE MOUILLABLE POUR TRAITEMENT HUMIDE

(71) BASF CORPORATION [US/US]; 26701 Telegraph Road, Southfield, MI 48034-2442 (US).

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(72, 75) SACHARSKI, Lawrence [US/US]; 24646 Teppert, Eastpointe, MI 48021 (US). GESSNER, Michael [US/US]; 5494 Fox Ridge Drive, West Bloomfield, MI 48322 (US).

(74) GOLOTA, Mary et al. / etc.; BASF Corporation, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C09D 5/02

(11) WO 00/69980 (13) A1

(21) PCT/CZ00/00032

(22) 10 May/mai 2000 (10.05.2000)

(25) en (26) en

(30) PV 1718-99 14 May/mai 1999 CZ (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CONNECTOR PLATE FOR BINDINGS  
• PLAQUE DE RACCORDEMENT POUR FIXATIONS

(71, 72) TRNKA, Milan [CZ/CZ]; Cyrila Boudy 1584, 272 01 Kladno (CZ).

(74) BELFÍN, Vladimír; P.O. Box 117, 272 80 Kladno (CZ).

(81) AU BA BG CA CN EE GB HR HU IL JP KR LT LV MK NO NZ PL RO RU SI SK TR UA US YU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> C09D 11/02, C09C 1/28

(11) WO 00/69981 (13) A1

(21) PCT/US00/06720

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 09/314,414 18 May/mai 1999 US (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A COLOR CONTAINING SILICA RESISTANT TO DYE MIGRATION AND METHOD OF MAKING THE SAME

• COULEUR CONTENANT DE LA SILICE PROTEGE CONTRE LA MIGRATION DE COLORANT ET PROCEDE DE FABRICATION DE CELLE-CI

(71) J.M. HUBER CORPORATION [US/US]; 333 Thornall Street, Edison, NJ 08837 (US).

(72) PIKE, Kathleen, S.; 2407 Cool Spring Road, Bel Air, MD 21015 (US).

(74) HOCH, Ramon, R.; Westerlund & Powell, P.C., 122 North Alfred Street, Alexandria, VA 22314-3011 (US).

(81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> C09D 123/10 // (C09D 123/10, 123:10, 151:06)

(11) WO 00/69982 (13) A1

(21) PCT/IB00/00420

(22) 6 Apr/avr 2000 (06.04.2000)

(25) en (26) en

(30) 09/312,265 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ADHESIVE PROPYLENE POLYMER COMPOSITIONS SUITABLE FOR COATING SUBSTRATES

• COMPOSITIONS POLYMERES ADHESIVES DE PROPYLENE ADAPTEES AU REVETEMENT DE SUBSTRATS

(71) MONTELL TECHNOLOGY COMPANY BV [NL/NL]; Hoeksteen 66, NL-2132 MS Hoofddorp (NL).

(72) BEREN, James, R.; 288 MacKenzie Drive, West Chester, PA 19380 (US). PHILLIPS, Edward, M.; 19 White Pine Court, Elkton, MD 21921 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C09D 175/04, 127/12, 5/03

(11) WO 00/69983 (13) A1

(21) PCT/JP00/03010

(22) 11 May/mai 2000 (11.05.2000)

(25) ja (26) ja

(30) 11/132604 13 May/mai 1999 JP (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • THERMOSETTING POWDER COATING COMPOSITION

• MATIERE DE REVETEMENT EN POUDRE THERMODURCISSABLE



- (71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).  
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- (71) **IWAKIRI, Miyuki** (heiress of the deceased inventor / héritière de l'inventeur décédé) [JP/JP]; 11-31-102, Niina 4-chome, Minoo-shi, Osaka 562-0005 (JP).  
(only for / seulement pour US)
- (72) **IWAKIRI, Ryuji** (deceased / décédé).
- (72, 75) **TSUDA, Nobuhiko** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **NAGATO, Masaru** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **FUKAGAWA, Ryoichi** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **NAGAI, Go** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **TANO, Keisuke** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **TANIZAWA, Daisuke** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP).
- (74) **ASAHINA, Sohta** et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C09D 179/08, 181/00, A47J 36/02**
- (11) **WO 00/69984** (13) A1
- (21) PCT/US00/13317
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,358 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HIGHLY FILLED UNDERCOAT FOR NON-STICK FINISH  
• SOUS-COUCHE A FORTE PROPORTION DE CHARGE POUR REVETEMENT DE FINITION NON ADHESIF
- (71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) **HUESMANN, Peter, L.**; 1103 Carrcroft Boulevard, Wilmington, DE 19803 (US).
- (74) **STEINBERG, Thomas, W.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
- (81) CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C09J 7/02**
- (11) **WO 00/69985** (13) A1
- (21) PCT/US99/23020
- (22) **1 Oct/oct 1999 (01.10.1999)**
- (25) en (26) en
- (30) 09/311,101 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ADHESIVE-BACKED ARTICLES  
• ARTICLES A ENVERS ADHESIF
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **MIKAMI, Haruyuki**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **FLEMMING, Patrick, R.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **MAZUREK, Mieczyslaw, H.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **SZYMANSKI, Brian, E.** et al. / etc.; 3M Innovative Properties Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C09K 11/02**
- (11) **WO 00/69986** (13) A1
- (21) PCT/US00/13892
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 60/134,918 **19 May/mai 1999 US (19.05.1999)**
- (30) 09/416,914 **13 Oct/oct 1999 US (13.10.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD OF COATING MICROMETER SIZED INORGANIC PARTICLES  
• PROCEDE POUR L'ENROBAGE DE PARTICULES MINERALES DE L'ORDRE DU MICROMETRE
- (71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN5300, Princeton, NJ 08543-5300 (US).
- (72) **TIAN, Yongchi**; 3 Heath Court, Princeton, NJ 08540 (US).
- (74) **NEY, Andrew, L.**; Ratner & Prestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US) et al. / etc.
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C09K 19/02, 19/34**
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- (21) PCT/EP00/04454
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) de (26) de
- (30) 199 22 723.3 **18 May/mai 1999 DE (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HIGH-CONTRAST ACTIVE MATRIX DISPLAYS  
• AFFICHAGES A MATRICE ACTIVE A CONTRASTE ELEVE
- (71) **CLARIANT INTERNATIONAL LTD.** [CH/CH]; Rothausstrasse 61, CH-4132 Muttenz (CH).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NONAKA, Toshiaki** [JP/JP]; 1-18-10, Kubo, Kakegawa-shi, Shizuoka Pref. 436-0027 (JP). **DÜBAL, Hans-Rolf** [DE/DE]; Am Langenstück 13, D-65343 Eltville (DE). **HORNUNG, Barbara** [DE/DE]; Schulstrasse 21 A, D-63594 Hasselroth (DE). **LI, Ji** [CN/JP]; 202, Estate II, 91, Nakajuku, Kakegawa-Shi, Shizuoka Pref. (JP). **OGAWA, Ayako** [JP/JP]; 1-6-19-101, Shimomata minami, Kakegawa City, Shizuoka Pref. (JP). **SCHMIDT, Wolfgang** [DE/DE]; Leimkaul 14, D-51143 Köln (DE). **WINGEN, Rainer** [DE/DE]; Langenhainer Weg 11, D-65795 Hattersheim (DE).
- (74) **ISENBRUCK, Günter**; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Theodor-Heuss-Anlage 12, D-68165 Mannheim (DE).
- (81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **C09K 21/14, E04B 1/88, 1/94, C08J 9/33**
- (11) **WO 00/69988** (13) A1
- (21) PCT/CZ00/00033
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) de (26) de
- (30) PUV 9407-99 **18 May/mai 1999 CZ (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)

- (54) • HEAT-INSULATING AND SOUND-INSULATING, NON-COMBUSTIBLE MATERIAL CONSISTING OF WASTE SUBSTANCES  
• MATERIAU CALORIFUGE ET INSONORISANT INCOMBUSTIBLE OBTENU A PARTIR DE MATIERES DECHETS
- (71, 72) **PROKOP, Vojtěch** [CZ/CZ]; Za Hřbitovem 292, 594 42 Měřín (CZ).
- (74) **LANGHANS, Jiri**; Krajínova 805/7, 674 01 Trebic (CZ).
- (81) AT (Utility model / modèle d'utilité) CA DE (Utility model / modèle d'utilité) GB JP (Utility model / modèle d'utilité) PL (Utility model / modèle d'utilité) RU (Utility model / modèle d'utilité) SE US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C10G 47/00, C01B 3/38**
- (11) **WO 00/69989** (13) A1
- (21) PCT/EP00/04396
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 99303736.5 **13 May/mai 1999 EP (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HYDROCARBON HYDROCONVERSION PROCESS FOR THE PRODUCTION OF HYDROGEN, HYDROPROCESSED HYDROCARBONS AND ELECTRICITY  
• PROCEDE D'HYDROCRAQUAGE D'HYDROCARBURES POUR LA PRODUCTION D'HYDROGENE, D'HYDROCARBURES HYDRO-CRAQUES ET D'ELECTRICITE
- (71) **SHELL INTERNATIONALE RESEARCH 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) **GOSELINK, Johan, Willem** [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **GROENEVELD, Michiel, Jan** [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **NOWAK, Andreas, Karl** [DE/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **ROOVERS, Antonius, Adrianus, Maria** [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C10G 53/08, 25/00, C10L 3/10**
- (11) **WO 00/69991** (13) A1
- (21) PCT/US00/13424
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 09/313,029 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MERCURY REMOVAL IN PETROLEUM CRUDE USING SULFUR COMPOUNDS AND ADSORPTION  
• ELIMINATION DU MERCURE CONTENU DANS LE PETROLE BRUT A L'AIDE DE COMPOSES DU SOUFRE ET PAR ADSORPTION
- (71) **MOBIL OIL CORPORATION** [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US).
- (72) **DEGNAN, Thomas, F.**; 736 Paddock Path, Moorestown, NJ 08057-2109 (US). **LECCOURS, Steven, M.**; 3156 William Road, Boothwyn, PA 19061 (US).
- 
- (74) **KEEN, Malcolm, D.** et al. / etc.; ExxonMobil Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932 (US).
- (81) AU BR CA JP NO SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **C10G 55/02, 7/06, 9/00**
- (11) **WO 00/69992** (13) A1
- (21) PCT/JP00/03125
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) ja (26) ja
- (30) 11/135481 **17 May/mai 1999 JP (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PROCESS FOR TREATING CRUDE OIL  
• PROCEDE DE RAFFINAGE DE PETROL BRUT
- (71) **CHIYODA CORPORATION** [JP/JP]; 12-1, Tsurumichuo 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-8601 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SHIMIZU, Shin-ichi** [JP/JP]; Chiyoda Corporation, 12-1, Tsurumichuo 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-8601 (JP). **TAMURA, Masami-ichi** [JP/JP]; Chiyoda Corporation, 12-1, Tsurumichuo 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-8601 (JP). **WADA, Yukitaka** [JP/JP]; Chiyoda Corporation, 12-1, Tsurumichuo 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-8601 (JP).
- (74) **SARADA, Hideo** et al. / etc.; 4F, Matsui Bldg., 28-2, Kanda Tomiyamacho, Chiyoda-ku, Tokyo 101-0043 (JP).
- (81) CN JP US; EP (DE FR GB NL).
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- (51)<sup>7</sup> **C10G 65/12**
- (11) **WO 00/69993** (13) A1
- (21) PCT/US00/13060
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/311,397 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DUAL CATALYST SYSTEM  
• SYSTEME CATALYSEUR DOUBLE FONCTION
- (71) **MOBIL OIL CORPORATION** [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US).
- (72) **ROSE, Brenda, H.**; 303, Meijiro House K, 3-25-10, Meijiro, Toshima-ku, Tokyo (JP). **KILIAN, Thomas, R.**; 613 East Pleasant Grove Road, West Chester, PA 19382 (US).

(74) **KEEN, Malcolm, D.** et al. / etc.; ExxonMobil Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(81) AU BR CA JP NO SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> C10J 3/56, 3/54, B01J 8/24, 8/00

(11) WO 00/69994 (13) A1

(21) PCT/CA00/00552

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 2,272,038 14 May/mai 1999 CA (14.05.1999)

(30) 9901711 29 Jul/juillet 1999 ES (29.07.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PROCESS AND APPARATUS FOR GASIFICATION OF REFUSE  
• PROCÉDE ET APPAREIL DE GAZEIFICATION DES DECHETS

(71) **KEMESTRIE INC.** [CA/CA]; 4220, rue Garlock, Sherbrooke, Quebec J1L 2P4 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ABATZOGLOU, Nicolas** [CA/CA]; 904 Grand-Bors, Rock Forest, Quebec J1N 2H6 (CA). **CHORNET, Esteban** [CA/CA]; 470 Montmagny, Sherbrooke, Québec J1L 1H3 (CA).

(74) **DUBUC, Jean, H.** et al. / etc.; Goudreau Gage Dubuc, The Stock Exchange Tower, Suite 3400, 800 Place Victoria, Montreal, Quebec H4Z 1E9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C10K 1/04, C10J 3/84

(11) WO 00/69995 (13) A1

(21) PCT/FI00/00435

(22) 12 May/mai 2000 (12.05.2000)

(25) fi (26) en

(30) 991107 14 May/mai 1999 FI (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PROCESS AND APPARATUS FOR THE GASIFICATION OF CARBONACEOUS MATERIAL

• PROCÉDE ET APPAREIL POUR GAZEIFIER LES MATIERES CARBONEES

(71) **FORTUM OIL AND GAS OY** [FI/FI]; Keilaniemi, FIN-02151 Espoo (FI).

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

(72, 75) **RUOTTU, Seppo** [FI/FI]; Ukonkellonkatu 23, FIN-48800 Karhula (FI).

(74) **SEPPO LAINE OY**; Itämerenkatu 3 B, FIN-00180 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C10L 1/12, 1/24, 10/00, 10/04, 1/10, F02C 7/30

(11) WO 00/69996 (13) A1

(21) PCT/US00/12665

(22) 9 May/mai 2000 (09.05.2000)

(25) en (26) en

(30) 60/134,183 13 May/mai 1999 US (13.05.1999)

(30) 09/564,312 3 May/mai 2000 US (03.05.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • TURBINE FUEL COMPOSITION  
• COMPOSITION DE COMBUSTIBLE POUR TURBINE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **FEITELBERG, Alan, S.**; 110 Killarney Drive, Niskayuna, NY 12309 (US). **PA-REEK, Vinod, K.**; 1187 Hillside #1B4, Niskayuna, NY 12309 (US). **WHITEHEAD, Alan**; 4037 Jockey Street, Charlton, NY 12019 (US).

(74) **WINTER, Catherine, J.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) CZ JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> C10L 1/18, 1/22

(11) WO 00/69997 (13) A1

(21) PCT/US00/12140

(22) 4 May/mai 2000 (04.05.2000)

(25) en (26) en

(30) 09/311,465 13 May/mai 1999 US (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • WAX ANTI-SETTLING AGENTS FOR DISTILLATE FUELS

• AGENTS SUSPENSEURS DE PARAFFINE POUR CARBURANTS DISTILLES

(71) **EQUISTAR CHEMICALS, L.P.** [US/US]; 1221 McKinney Street, P.O. Box 2583, Houston, TX 77252-2583 (US).

(72) **BOTROS, Maged, G.**; 7843 Tylers Way, West Chester, OH 45069 (US).

(74) **KOZAK, Dennis, M.** et al. / etc.; Lyondell Chemical Company, 3801 West Chester Pike, Newtown Square, PA 19073 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C10L 1/18, 1/22

(11) WO 00/69998 (13) A1

(21) PCT/US00/12199

(22) 4 May/mai 2000 (04.05.2000)

(25) en (26) en

(30) 09/311,459 13 May/mai 1999 US (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • COLD FLOW IMPROVERS FOR DISTILLATE FUEL COMPOSITIONS

• COMBINAISON D'ADDITIF AMELIORANT L'ECOULEMENT A FROID DES CARBURANTS DISTILLES

(71) **EQUISTAR CHEMICALS, L.P.** [US/US]; 1221 McKinney Street, P.O. Box 2583, Houston, TX 77252-2583 (US).

(72) **BOTROS, Maged, G.**; 7843 Tylers Way, West Chester, OH 45069 (US).

(74) **KOZAK, Dennis, M.** et al. / etc.; Lyondell Chemical Company, 3801 West Chester Pike, Newtown Square, PA 19073 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **C10L 1/32, 1/02, 1/10, 10/00, 10/02, B01F 17/00**
- (11) **WO 00/69999** (13) A1
- (21) PCT/HU00/00041
- (22) **5 May/mai 2000 (05.05.2000)**
- (25) en (26) en
- (30) P 9901605 **14 May/mai 1999 HU (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ADDITIVE FOR STABILIZING WATER-CONTAINING FUELS AND A FUEL STABILIZED WITH THIS ADDITIVE  
● ADDITIF PERMETTANT DE STABILISER LES COMBUSTIBLES CONTENANT DE L'EAU ET COMBUSTIBLE STABILISE A L'AIDE DE CET ADDITIF
- (71, 72) **BERTHA, András** [HU/HU]; Mária tér 4., H-1011 Budapest (HU). **FÜLÖP, Levente** [HU/HU]; Bartók Béla ut 29., H-8315 Vonyarcvashegy (HU).
- (74) **JALSOVSZKY, Györgyné**; P.O. Box 518, H-1373 Budapest (HU).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C10L 3/02**
- (11) **WO 00/70000** (13) A1
- (21) PCT/FR00/01228
- (22) **5 May/mai 2000 (05.05.2000)**
- (25) fr (26) fr
- (30) 99/06090 **12 May/mai 1999 FR (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● COMBUSTIBLE GAS MIXTURE AND USE THEREOF IN GAS CUTTING OPERATIONS  
● MELANGE GAZEUX COMBUSTIBLE ET SON UTILISATION EN OXYCOU-PAGE
- (71) **L'AIR LIQUIDE SOCIETE ANONYME 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) **GRUNDMANN, Joachim** [FR/FR]; 57, rue Condorcet, F-93100 Montreuil (FR).
- (74) **LE MOENNER, Gabriel**; L'Air Liquide SA, 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).
- (81) AU BR CA JP KR NO NZ US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C10M 133/16, 133/56, 159/16, 159/24, 163/00 // (C10M 163/00, 133:16, 133:56, 159:16, 159:24), C10N 60:14**
- (11) **WO 00/70001** (13) A1
- (21) PCT/US00/12115
- (22) **2 May/mai 2000 (02.05.2000)**
- (25) en (26) en
- (30) 60/134,890 **19 May/mai 1999 US (19.05.1999)**
- (30) 09/532,528 **21 Mar/mar 2000 US (21.03.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● HIGH BORON FORMULATIONS FOR FLUIDS FOR CONTINUOUSLY VARIABLE TRANSMISSIONS  
● PREPARATIONS A FORTE TENEUR EN BORE DE FLUIDES DESTINES A LA TRANSMISSION CONTINUELLE-MENT VARIABLE
- (71) **THE LUBRIZOL CORPORATION** [US/US]; Legal Dept.-MD 022B, 29400 Lakeland Boulevard, Wickliffe, OH 44092-2298 (US).
- (72) **WARD, William, C., Jr.**; 4600 Bridgewater Avenue, Perry, OH 44081 (US).
- (74) **SHOLD, David, M.**; The Lubrizol Corporation, 29400 Lakeland Boulevard, Wickliffe, OH 44092-2298 (US).
- (81) CA JP SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **C10M 173/02, B6S 45/22 // (C10M 173/02, 133:04), C10N 30:00, 30:16, 40:00**
- (11) **WO 00/70002** (13) A1
- (21) PCT/EP00/03948
- (22) **3 May/mai 2000 (03.05.2000)**
- (25) de (26) de
- (30) 199 21 709.2 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD AND FACILITY FOR LUBRICATING AND CLEANING FILLING FACILITIES FOR BEVERAGES OR FOODSTUFFS  
● PROCEDE ET INSTALLATION POUR LUBRIFIER ET NETTOYER DES INSTALLATIONS DE REMPLISSAGE DE CONTENANTS AVEC DES BOISSONS ET DES PRODUITS ALIMENTAIRES
- (71) **HENKEL ECOLAB GMBH & CO. OHG** [DE/DE]; Reisholzer Werftstr. 38-42, D-40589 Düsseldorf (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHMITZ, Karl-Heinz** [DE/DE]; Willbecker Busch 26, D-40699 Erkrath (DE). **KLUSCHANZOFF, Harald** [DE/DE]; Klutenscheuer 22, D-40822 Mettmann (DE). **WERSHOFEN, Thomas** [DE/DE]; Hardterbroicher Str. 106, D-41065 Mönchengladbach (DE).
- (74) **MATHES, Nikolaus**; Henkel Kommanditgesellschaft auf Aktien, Patente (VTP), D-40191 Düsseldorf (DE).
- (81) BR CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C11D 1/08, 3/37, 3/48**
- (11) **WO 00/70003** (13) A1
- (21) PCT/US00/12662
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 60/133,837 **12 May/mai 1999 US (12.05.1999)**
- (30) 09/352,010 **12 Jul/juil 1999 US (12.07.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● CONTACT LENS CLEANING SOLUTION  
● SOLUTION DE NETTOYAGE DE LENTILLES DE CONTACT
- (71) **VISTA SCIENTIFIC LLC** [US/US]; Suite 8B, 1 Dundee Park, Andover, MA 01810 (US).
- (72) **ELLIS, Jeanne, Y.**; 9 Hampton Court, Lynnfield, MA 01940 (US). **ELLIS, Edward, J.**; 9 Hampton Court, Lynnfield, MA 01940 (US).
- (74) **ELLIS, Edward, J.**; Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002 (US).
- (81) CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C11D 1/66**
- (11) **WO 00/70004** (13) A1
- (21) PCT/GB00/01699
- (22) **3 May/mai 2000 (03.05.2000)**
- (25) en (26) en
- (30) 9911434.0 **17 May/mai 1999 GB (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● FABRIC SOFTENING COMPOSITIONS  
● COMPOSITIONS ADOUCISSANTES POUR TISSUS
- (71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).  
(only for / seulement pour AE AU BB CA CY DM GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZA ZW)

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

*(for all designated States except / pour tous les États désignés sauf AE AU BB CA CY DM GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZA ZW)*

(71) **HINDUSTAN LEVER LTD.** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai 400 020, Maharashtra (IN).

*(only for / seulement pour IN)*

(72) **GRAINGER, David, Stephen;** Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **JANSEN, Frans, Jos;** Unilever Research Vlaardingen, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (NL).

(74) **ELLIOT, Peter, William;** Unilever PLC, Colworth House, Sharnbrook, Bedford MK44 1LQ (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **C11D 1/83, 3/22 // 1:12, 1:14, 1:22**

(11) **WO 00/70005** (13) A1

(21) PCT/GB00/01706

(22) **3 May/mai 2000 (03.05.2000)**

(25) en (26) en

(30) 9911437.3 **17 May/mai 1999 GB (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FABRIC SOFTENING COMPOSITIONS  
• COMPOSITIONS ASSOUPLISSANTES POUR TEXTILES

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).

*(only for / seulement pour AE AU BB CA CY DM GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZA ZW)*

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

*(for all designated States except / pour tous les États désignés sauf AE AU BB CA CY DM GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZA ZW)*

(71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai 400 020, Maharashtra (IN).

*(only for / seulement pour IN)*

(72) **GRAINGER, David, Stephen;** Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **GREEN, Andrew;** Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

**MO-HAMMADI, Mansur, Sultan;** Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **ROTH, Stephane;** Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **THOMPSON, Laurence, Griffith;** Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).

(74) **ELLIOT, Peter, William;** Unilever Plc, Patent Department, Colworth House, Sharnbrook, Bedford MK44 1LQ (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **C11D 3/386, 3/37**

(11) **WO 00/70006** (13) A1

(21) PCT/US00/13822

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/314,838 **19 May/mai 1999 US (19.05.1999)**

(30) 09/569,665 **12 May/mai 2000 US (12.05.2000)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • LAUNDRY DETERGENT COMPOSITION CONTAINING HIGH LEVEL OF PROTEASE ENZYME

• COMPOSITIONS DETERGENTES DE LESSIVE A FORTE TENEUR EN PROTEASE

(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) **KNORR, Joseph, Robert;** 53 Hickory Street, Edison, NJ 08817 (US). **HEPLER, Barbara;** 38 Koehler Drive, South Bound Brook, NJ 08880 (US). **HOLMGREN, Mary;** 404 Readington Road, Somerville, NJ 08876 (US).

(74) **LIEBERMAN, Bernard;** Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **C11D 9/20, 9/26**

(11) **WO 00/70007** (13) A1

(21) PCT/JP00/03004

(22) **11 May/mai 2000 (11.05.2000)**

(25) ja (26) ja

(30) 11/131120 **12 May/mai 1999 JP (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DETERGENT COMPOSITION  
• COMPOSITION DETERGENTE

(71, 72) **UYAMA, Shizuo** [JP/JP]; 19-12, Shinonome 1-chome, Minami-ku, Hiroshima-shi, Hiroshima 734-0022 (JP).

(74) **YANAGINO, Takao;** Noskard building, 15-5, Miyahara 1-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **C11D 17/00**

(11) **WO 00/70008** (13) A1

(21) PCT/EP00/04478

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 578.8 **17 May/mai 1999 DE (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD OF PRODUCING A MULTILAYER DETERGENT TABLET  
• PROCEDE DE PRODUCTION D'UNE PASTILLE DE DETERGENT A PLUSIEURS COUCHES

(71) **RECKITT BENCKISER N.V.** [NL/NL]; WTC AA Schiphol Boulevard 229, NL-1118 BH Schiphol Airport Amsterdam (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **HÖFLINGER, Wilfried** [DE/DE]; Zehntbergstrasse 41, D-69198 Schriesheim (DE). **GERET, Laurence** [GB/DE]; Edigheimer Strasse 45a, D-67069 Ludwigshafen (DE). **SANDMANN, Brigitte** [DE/DE]; Zähringerstrasse 12, D-69115 heidelberg (DE). **WIEDEMANN, Ralf** [DE/DE]; Langgässerweg 10, D-64347 Griesheim (DE).
- (74) **WINKLER, Andreas**; Boehmert & Boehmert, Hollerallee 32, D-28209 Bremen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **C11D 17/04, A61K 7/02**
- (11) **WO 00/70009** (13) A1
- (21) PCT/US00/13332
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 09/312,754 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SELF WETTING TOWELS  
• SERVIETTES AUTO-HUMIDIFIANTES
- (71) **FRIEDMAN, Mark, M.** [US/IL]; 1 Alharizi St., 43406 Raanana (IL).  
*(only for / seulement pour TJ)*
- (71, 72) **FRAIMAN, Uri** [IL/IL]; 25 Mordechai St., 36023 Kiryat Tivon (IL).
- (74) **FRIEDMAN, Mark, M.**; c/o Castorina, Anthony, 2001 Jefferson Davis Highway, Suite 207, Arlington, VA 22202 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C12M 1/107**
- (11) **WO 00/70010** (13) A1
- (21) PCT/FR00/01292
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) fr (26) fr
- (30) 99/06220 **17 May/mai 1999 FR (17.05.1999)**
- 
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR TREATING BIODIGESTIBLE MIXTURES OF SOLIDS AND LIQUIDS  
• PROCEDE DE TRAITEMENT DES MELANGES BIODIGESTIBLES DE SOLIDES ET LIQUIDES
- (71, 72) **RASSAK, Denis** [FR/FR]; 15, rue Georges Blandon, F-78430 Louveciennes (FR).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **C12M 1/30, B01L 3/00, G01N 33/04**
- (11) **WO 00/70011** (13) A1
- (21) PCT/GB00/01868
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 9911400.1 **18 May/mai 1999 GB (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • APPARATUS AND METHOD OF TESTING A BIOLOGICAL FLUID  
• APPAREIL ET PROCEDE POUR TESTER UN FLUIDE BIOLOGIQUE
- (71) **KRYSIUM ADVISORS LTD.** [GB/GB]; P.O. Box 16, Leominster, Herefordshire HR6 0DD (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WRIGHT, David, Kent** [GB/GB]; P.O. Box 16, Leominster HR6 0DD (GB). **FULLAM, Philip, Steven** [US/US]; 2111 Green Creek, San Antonio, TX 78232 (US).
- (74) **FORRESTER KETLEY & CO.**; Chamberlain House, Paradise Place, Birmingham B3 3HP (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C12M 1/40, B01D 71/00**
- (11) **WO 00/70012** (13) A1
- (21) PCT/AU00/00477
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) PQ 0343 **14 May/mai 1999 AU (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METAL CHELATING FILTERS AND METAL CHELATE FILTERS  
• FILTRES A CHELATEURS DE METAUX ET FILTRES A CHELATES DE METAUX
- (71) **PANBIO LTD** [AU/AU]; 116 Lutwycne Road, Windsor, Queensland 4030 (AU). **WHATMAN INTERNATIONAL LIMITED** [GB/GB]; Whatman House, Leonards Road 20/20, Maidstone, Kent ME 16 0LS (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KACHAB, Edward, Hanna** [AU/AU]; 16/72 Markwell Street, Hamilton, Queensland 4007 (AU). **BARNETT, Graeme, Ross** [NZ/AU]; 8 Fumitarry Court, Shailer Park, Queensland 4128 (AU). **SMITH, Martin** [US/US]; Unit 1, 127 Browne Street, Brookline, MA 02446 (US).
- (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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C12M 3/06**
- (11) **WO 00/70013** (13) A2
- (21) PCT/DE00/01548
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) de (26) de
- (30) 299 08 822.7 **14 May/mai 1999 DE (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MICROCAPILLARY CULTURE SYSTEM  
• MICROCAPILLAIRE CONSTITUANT UN SYSTEME DE CULTURE
- (71) **TISSUSE GESELLSCHAFT FÜR BIOREAKTORBAU UND ZELLZUCHT MBH** [DE/DE]; Delitzscher Strasse 135, D-04129 Leipzig (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BUSHNAQ, Hikmat** [DE/DE]; Erich-Weinert-Strasse 17, D-10439 Berlin (DE). **GEISTERT, Ina** [DE/DE]; Dähnhardstrasse 14, D-04159 Leipzig (DE). **KEHLENBECK, Markus** [DE/DE]; Kalberkamp, D-28844 Weyhe (DE).
- (74) **WEHLAN, Helmut**; Paul-Gesche-Strasse 1, D-10315 Berlin (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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(51)<sup>7</sup> C12M 12/36, 1/38

(11) WO 00/70014 (13) A1

(21) PCT/DK00/00269

(22) 18 May/mai 2000 (18.05.2000)

(25) da (26) en

(30) PA 1999 00690 18 May/mai 1999 DK (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● U-SHAPE AND/OR NOZZLE-LOOP FERMENTOR AND METHOD OF CARRYING OUT A FERMENTATION PROCESS

- FERMENTATEUR EN FORME DE U ET/OU BUSE INCURVEE EN FORME DE U ET MISE EN OEUVRE DU PROCEDE DE FERMENTATION

(71, 72) LARSEN, Ebbe, Busch [DK/DK]; Uni-BioTech A/S, Nørregade 73, 1.th., DK-5000 Odense C (DK).

(74) LARSEN &amp; 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 BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C12N

(11) WO 00/70015 (13) A2

(21) PCT/FR00/01288

(22) 12 May/mai 2000 (12.05.2000)

(25) fr (26) fr

(30) 99/06072 12 May/mai 1999 FR (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● CULTURES OF INSECT CELLS WHICH REPRODUCE AT 37 °C, METHOD FOR OBTAINING SAID CULTURES AND THEIR USES

- CULTURES DE CELLULES D'INSECTE SE MULTIPLIANT A 37°C, LEUR PROCEDE D'OBTENTION, ET LEURS UTILISATIONS

(71) INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) [FR/FR]; 147, rue de l'Université, F-75007 Paris (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) [FR/FR]; 3, rue Michel-Ange, F-75016 Paris (FR).

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

(72, 75) DEVAUCHELLE, Gérard [FR/FR]; 137, chemin de l'Espervette, F-30380 Saint Christol Les Ales (FR). CERRUTI, Martine [FR/FR]; 2997, route de Montèze, F-30380 Saint Christol Les Ales (FR). MILITELLO-GERBAL, Muriel [FR/FR]; Mas Sybelle, Impasse Sybelle, Route d'Uzès, F-30560 Saint Hilaire De Brethemas (FR).

(74) VIALLE-PRESLES, Marie-José et al. / etc.; Cabinet Ores, 6, avenue de Messine, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N

(11) WO 00/70016 (13) A2

(21) PCT/IL00/00281

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 130014 18 May/mai 1999 IL (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● GENETICALLY MODIFIED PLANTS TOLERANT OF STRESS CONDITIONS

- PLANTES GENETIQUEMENT MODIFIEES TOLERANTES VIS-A-VIS DE CONDITIONS DE STRESS

(71) YEDA RESEARCH AND DEVELOPMENT CO. LTD. [IL/IL]; Weizmann Institute of Science, P.O. Box 95, 76100 Rehovo (IL). GAVISH-GALILEE BIO APPLICATIONS LTD. [IL/IL]; Beit Migal, P.O. Box 90000, 12100 Rosh Pina (IL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GALILI, Gad [IL/IL]; Wolfson Residence, Weizmann Institute of Science, 76000 Rehovot (IL). AMIR, Rachel [IL/IL]; 12445 Kibbutz Dan (IL).

(74) EHRlich, Gal; G.E. Ehrlich (1995) Ltd., 28 Bezalel Street, 52521 Ramat Gan (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N

(11) WO 00/70017 (13) A2

(21) PCT/US00/12104

(22) 4 May/mai 2000 (04.05.2000)

(25) en (26) en

(30) 60/134,362 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHODS USING OF FAB I AND COMPOUNDS MODULATING FAB I ACTIVITY

- PROCEDES UTILISANT DES COMPOSES DE FAB I ET DES COMPOSES MODULANT L'ACTIVITE DE FAB I

(71) SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). SMITHKLINE BEECHAM PLC [GB/GB]; New Horizons Court, Brentford, Great West Road, Middlesex TW8 9EP (GB).

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

(72, 75) DEWOLF, Walter, E. [US/US]; 64 Glen Manor Lane, Glenmoore, PA 19343 (US).

(74) GIMMI, Edward, R. et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> C12N

(11) WO 00/70018 (13) A2

(21) PCT/US00/12886

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/134,624 18 May/mai 1999 US (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● SELF-SUPPORTING, SHAPED, THREE-DIMENSIONAL BIOPOLYMERIC MATERIALS AND METHODS

- MATERIAUX BIOPOLYMERES EN TROIS DIMENSIONS, CONFORMES ET AUTOPORTANTS ET PROCEDES

- (71) **CRYOLIFE, INC.** [US/US]; 1655 Roberts Boulevard, NW, Kennesaw, GA 30144 (US).
- (72) **BLACK, Kirby**; 1371 Peppergrass Trail, Acworth, GA 30101 (US). **YUKSEL, K., Umit**; 4308 Edgewater Drive, Kennesaw, GA 30144 (US). **TRYGSTAD, Aaron, J.**; 706 Crestlane Drive, Smyrna, GA 30080 (US).
- (74) **DAVIDSON, Bryan, H.**; Nixon & Vanderrhyme, P.C., Suite 800, 1100 North Glebe Road, Arlington, VA 22201-4714 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **C12N**
- (11) **WO 00/70019** (13) A2
- (21) PCT/US00/13555
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 60/134,459 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PROCESS OF RAPID VARIETY-INDEPENDENT PLANT TRANSFORMATION  
• PROCEDE DE TRANSFORMATION VEGETALE RAPIDE INDEPENDANTE DE LA VARIETE
- (71) **ICON GENETICS, INC.** [US/US]; Suite 134, 66 Witherspoon Street, Princeton, NJ 08542 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KUCHUK, Nikolay V.** [UA/UA]; Uborevicha Street, 27, Apartment 145, Kiev 252179 (UA). **KLIMYUK, Victor** [GB/GB]; 98 North Park Avenue, Norwich NR4 7EG (GB).
- (74) **FOLEY, Shawn, P.** 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C12N 1/20, A61K 35/74, A23C 9/12 // (C12N 1/20, C12R 1:23)**
- (11) **WO 00/70020** (13) A1
- (21) PCT/RU00/00183
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) ru (26) ru
- (30) 99109521 **18 May/mai 1999 RU (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • BACTERIA STRAIN LACTOBACILLUS ACIDOPHILUS N.V. EP 317/402 ≤NARINE≥ AAA USED IN THE PRODUCTION OF PREPARATIONS AND OF DIETETIC, THERAPEUTIC AND PROPHYLACTIC PRODUCTS FOR TREATING DYSBACTERIOSIS AND THE CONSEQUENCES THEREOF  
• SOUCHE DE BACTERIE LACTOBACILLUS ACIDOPHILUS N.V. EP 317/402 ≤NARINE≥ AAA UTILISEE DANS LA PRODUCTION DE PREPARATIONS AINSI QUE DE PRODUITS DIETETIQUES, THERAPEUTIQUES ET PROPHYLACTIQUES PERMETTANT DE TRAITER LA DYSBACTERIOSE ET SES CONSEQUENCES
- (71, 72) **ANISIMOVA, Taisiya Ivanovna** [RU/RU]; ul. Yadrintsevskaya, 16-1, Novosibirsk, 630099 (RU).
- (72, 75) **ARAKELIAN, Raisa Abramovna** [AM/AM]; ul. Babayana, 26-22, Erevan, 375037 (AM).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW MZ SD SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C12N 5/00**
- (11) **WO 00/70021** (13) A2
- (21) PCT/IL00/00270
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 129966 **14 May/mai 1999 IL (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DIFFERENTIATED HUMAN EMBRYOID CELLS AND A METHOD FOR PRODUCING THEM  
• CELLULES EMBRYOIDES HUMAINES DIFFERENCIEES ET PROCEDE DE PRODUCTION DE CES CELLULES
- (71) **YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM** [IL/IL]; P.O. Box 4279, 91042 Jerusalem (IL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- 
- (71, 72) **ITSKOVITZ-ELDOR, Joseph** [IL/IL]; Sherit Haplayta St. 42, Danya B., 34987 Haifa (IL).
- (72, 75) **BENVENISTY, Nissim** [IL/IL]; Hertzl St. 83, Beit-Hakerem, 96344 Jerusalem (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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C12N 5/00**
- (11) **WO 00/70022** (13) A2
- (21) PCT/US00/12895
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,131 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • EX VIVO EXPANSION OF MAMMALIAN HEMATOPOIETIC STEM CELLS  
• EXPANSION EX VIVO DE CELLULES SOUCHES HEMATOPOIETIQUES MULTIPOTENTES MAMMALIENNES
- (71) **CITY OF HOPE** [US/US]; 1500 E. Duarte Road, Duarte, CA 91010 (US).
- (72) **SHIH, Chu-Chih**; CA (US).
- (74) **ERNST, Barbara, G.** et al. / etc.; Rothwell, Figg, Ernst & Manbeck, 555 13th Street N.W., Suite 701 East, Columbia Square, Washington, DC 20004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C12N 5/06, 5/16, 15/00, C07K 16/00, C12P 21/08**
- (11) **WO 00/70023** (13) A1
- (21) PCT/US00/13682
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 99201558.6 **18 May/mai 1999 EP (18.05.1999)**



- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • NOVEL FAB FRAGMENT LIBRARIES AND METHODS FOR THEIR USE  
• NOUVELLES BIBLIOTHEQUES DE FRAGMENTS FAB ET PROCEDES D'UTILISATION
- (71) **DYAX CORPORATION** [US/US]; One Kendall Square, Building 600, 5th Floor, Cambridge, MA 02139 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HOOGENBOOM, Hendricus, Renerus, Jacobus, Mattheus** [NL/NL]; Hertog-singel 46, NL-6214 AE Maastricht (NL).
- (74) **HALEY, James, F., Jr.** 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 BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 9/00, 9/16, 9/22
- (11) **WO 00/70025** (13) A1
- (21) PCT/US00/13946
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 60/134,802 **19 May/mai 1999 US (19.05.1999)**
- (30) 60/140,044 **18 Jun/juin 1999 US (18.06.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHODS OF USING RNASE P REACTION MECHANISMS OF ACTION  
• PROCEDES D'UTILISATION DES MECANISMES REACTIFS D'ACTION DE LA RNASE P
- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). **SMITHKLINE BEECHAM PLC** [GB/GB]; New Horizons Court, Great West Road, Brentford, Middlesex TW8 9EP (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LEHR, Ruth, V.** [US/US]; 606 Lancelot Road, Plymouth Meeting, PA 19462 (US). **SPITZFADEN, Claus** [DE/GB]; New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **NICHOLSON, Neville** [GB/GB]; New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **JONES, Joanna** [GB/GB]; New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).
- (74) **GIMMI, Edward, R.** et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> C12N 7/00
- (11) **WO 00/70024** (13) A2
- (21) PCT/EP00/04467
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 99401192.2 **17 May/mai 1999 EP (17.05.1999)**
- (30) 99401199.7 **18 May/mai 1999 EP (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • INFECTIOUS RETROVIRUSES FROM A LEUKEMIC DOG CELL LINE WITH EXTENSIVE HOMOLOGIES TO MURINE LEUKEMIA VIRUSES  
• RETROVIRUS INFECTIEUX PROVENANT D'UNE LIGNE CELLULAIRE LEUCEMIQUE CANINE PRESENTANT UNE HOMOLOGIE AUX VIRUS DE LA LEUCEMIE MURINE
- (71) **ETABLISSEMENT FRANCAIS DU SANG** [FR/FR]; 100, avenue de Suffren, F-75015 Paris (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **RIGAL, Dominique** [FR/FR]; 4, chemin de Chantemerle, F-68370 Saint-Didier Mont d'Or (FR). **GHERNATI, Imene** [DZ/FR]; 9, rue Constantine, F-69001 Lyon (FR). **CORBINE, Antoine** [FR/FR]; 8, quai Jules Courmont, F-69002 Lyon (FR). **DARLIX, Jean-Luc** [FR/FR]; 11, rue des Genêts, F-69630 Chaponost (FR).
- (74) **ERNEST GUTMANN-YVES PLASSE-RAUD S.A.** et al. / etc.; 3, rue Chauveau-Lagarde, F-75008 Paris (FR).
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A NOVEL TRANSGLUTAMINASE FROM *STREPTOVERTICILLIUM MOBARAENS*  
• NOUVELLE TRANSGLUTAMINASE OBTENUE A PARTIR DE *STREPTOVERTICILLIUM MOBARAENSE*
- (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) **DAMODARAN, Srinivasan** [US/US]; 626 Sauk Ridge Trail, Madison, WI 53717 (US).
- (74) **REED, Janet, E.** et al. / etc.; Saul, Ewing, Remick & Saul LLP, Centre Square West, 1500 Market Street, 38th Floor, Philadelphia, PA 19102-2186 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 9/10, 15/54, C12P 17/10, C12Q 1/48
- (11) **WO 00/70027** (13) A1
- (21) PCT/US00/13656
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 60/134,757 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MATERIALS AND METHODS FOR ENZYMATIC N-ACETYLATION OF ARYLALKYLAMINES  
• MATERIAUX ET PROCEDES DE N-ACETYLATION ENZYMATIQUE D'ARYLALKYLAMINES
- (71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA, represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES** [US/US]; National Institutes of Health, Office of Technology Transfer, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KLEIN, David, C.** [US/US]; 6112 Tilden Lane, Rockville, MD 20852 (US). **COON, Steven, L.** [US/US]; 3808 Lakeview Terrace, Falls Church, VA 22041 (US). **NAMBOODIRI, M., A., A.** [US/US]; 13 Allenhurst Court, Gaithersburg, MD 20878 (US).
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- (51)<sup>7</sup> C12N 9/10
- (11) **WO 00/70026** (13) A1
- (21) PCT/US00/12601
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 60/134,158 **14 May/mai 1999 US (14.05.1999)**

- (74) **LARCHER, Carol** et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 North Stetson, Chicago, IL 60601-6780 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **C12N 9/12, A61K 38/45, C07K 16/18, 16/40**
- (11) **WO 00/70028** (13) A1
- (21) PCT/AU00/00457
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) PQ 0339 **13 May/mai 1999 (13.05.1999)** AU
- (30) PQ 1504 **8 Jul/juil 1999 (08.07.1999)** AU
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SPHINGOSINE KINASE ENZYME  
• ENZYME SPHINGOSINE KINASE
- (71) **JOHNSON & JOHNSON RESEARCH PTY. LIMITED** [AU/AU]; 1 Central Avenue, Australian Technology Park, Everleigh, NSW 1430 (AU).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PITSON, Stuart, Maxwell** [AU/AU]; 1B Threlfall Avenue, Norwood, South Australia 5067 (AU). **WATTENBERG, Brian, Wolff** [US/AU]; 137 Sheoak Road, Belair, South Australia 5052 (AU). **XIA, Pu** [CN/AU]; 97 Shakespeare Avenue, Magill, South Australia 5072 (AU). **D'ANDREA, Richard, James** [AU/AU]; 54 Allendale Grove, Stonyfell, South Australia 5066 (AU). **GAMBLE, Jennifer, Ruth** [AU/AU]; 8 Branch Road, Stirling, South Australia 5152 (AU). **VADAS, Mathew, Alexander** [AU/AU]; 8 Branch Road, Stirling, South Australia 5152 (AU).
- (74) **SLATTERY, John, Michael** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, Victoria 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **C12N 9/12, C07K 1/22**
- (11) **WO 00/70029** (13) A1
- (21) PCT/EP00/04104
- (22) **8 May/mai 2000 (08.05.2000)**
- (25) en (26) en
- (30) 9901807-9 **17 May/mai 1999 (17.05.1999)** SE
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR THE PURIFICATION OF PROTEIN KINASE BY AFFINITY CHROMATOGRAPHY  
• PROCEDE DE PURIFICATION DE PROTEINE KINASE PAR CHROMATOGRAPHIE D'AFFINITE
- (71, 72) **LOOG, Mart** [EE/EE]; Rua 11-12, EE51010 Tartu (EE). **URI, Asko** [EE/EE]; Paeva St. 23-2, EE50103 Tartu (EE). **JARV, Jaak** [EE/EE]; Wiiralti St.m 31-4, EE51010 Tartu (EE). **EK, Pia** [SE/SE]; Nyhagen, S-740 30 Bjorklinge (SE).
- (74) **ROLLINS, Anthony, John**; Nycomed Amersham plc, Amersham Laboratories, White Lion Road, Amersham, Buckinghamshire HP7 9LL (GB) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C12N 9/12, C12Q 1/42**
- (11) **WO 00/70030** (13) A1
- (21) PCT/US00/13881
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 60/134,965 **19 May/mai 1999 (19.05.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CRYSTAL OF A LYMPHOCYTE KINASE-LIGAND COMPLEX AND METHODS OF USE  
• CRISTAL D'UN COMPLEXE KINASE LIGAND LYMPHOCYTAIRE ET SES PROCEDES D'UTILISATION
- (63) US 60/134,965 (CIP)  
19 May/mai 1999 (19.05.1999)
- (71) **KINETIX PHARMACEUTICALS, INC.** [US/US]; Suite 3500, 200 Boston Avenue, Medford, MA 02155 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZHU, Xiaotian** [US/US]; 131 Coolidge Avenue, Apt. 324, Watertown, MA 02472 (US).
- (74) **TSAO, Y., Rocky**; 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 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- 
- (51)<sup>7</sup> **C12N 9/24, 9/26, 9/42**
- (11) **WO 00/70031** (13) A1
- (21) PCT/US00/13971
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 60/134,925 **19 May/mai 1999 (19.05.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • E1 ENDOGLUCANASE VARIANTS Y245G, Y82R AND W42R  
• VARIANTS D'ENDOGLUCANASE E1: Y245G, Y82R ET W42R
- (71) **MIDWEST RESEARCH INSTITUTE** [US/US]; 425 Volker Boulevard, Kansas City, MO 64110 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIMMEL, Michael, E.** [US/US]; 9202 W. Hialeah Place, Littleton, CO 80123 (US). **ADNEY, William, S.** [US/US]; 13190 W. 21st Avenue, Golden, CO 80401 (US). **BAKER, John, O.** [US/US]; 18790 W. 60th Avenue, Golden, CO 80403 (US). **VINZANT, Todd, B.** [US/US]; 16601 W. 15th Avenue, Golden, CO 80401 (US). **THOMAS, Steven, R.** [US/US]; 485 Kearney Street, Denver, CO 80220 (US). **SAKON, Joshua** [US/US]; 1753 Zion Road, #82, Fayetteville, AR 72703 (US). **DECKER, Stephen, R.** [US/US]; 8020 Greenwood Drive, Berthod, CO 80403 (US).
- (74) **WHITE, Paul, J.**; National Renewable Energy Laboratory, 1617 Cole Boulevard, Golden, CO 80401 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 9/48, 15/57, C07K 16/40, C12N 15/10, C12Q 1/68, G01N 33/53, A61K 38/48

(11) WO 00/70032 (13) A1

(21) PCT/US00/11932

(22) 3 May/mai 2000 (03.05.2000)

(25) en (26) en

(30) 09/311,482 13 May/mai 1999 US (13.05.1999)

(30) 09/384,706 27 Aug/août 1999 US (27.08.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ZACE2: A HUMAN METALLOENZYME

• ZACE2: METALLOENZYME HUMAINE

(71) ZYMOGENETICS, INC. [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(72) PIDDINGTON, Christopher, S.; 2838 Irongate Place, Thousand Oaks, CA 91362 (US). PETRIE, Charles, R.; 18459 N.E. 196th Place, Woodinville, WA 98072 (US). SHOEMAKER, Kimberly, E.; 4634 Somerset Avenue S.E., Bellevue, WA 98006 (US). BISHOP, Paul, D.; 28425 S.E. 8th Street, Fall City, WA 98024 (US).

(74) JONES, Phillip, B., C.; ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12N 9/50, 1/20, 15/00, C12P 21/06

(11) WO 00/70033 (13) A1

(21) PCT/US00/14037

(22) 19 May/mai 2000 (19.05.2000)

(25) en (26) en

(30) 60/134,886 19 May/mai 1999 US (19.05.1999)

(30) 09/573,274 18 May/mai 2000 US (18.05.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MURINE HTRA2

• HTRA2 MURIN

(71) SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). SMITHKLINE BEECHAM PLC [GB/GB]; Two New Horizons Court, Great West Road, Brentford, Middlesex TW8 9EP (GB).

(72) CREASY, Caretha, Lee; 25 E. Bells Mill Road, Erdenheim, PA 19038 (US).

(74) ANDERSEN, Robert, L. et al. / etc.; Ratner & Prestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US).

(81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> C12N 9/98, 9/16, 11/14, A23K 1/165

(11) WO 00/70034 (13) A1

(21) PCT/EP00/04475

(22) 17 May/mai 2000 (17.05.2000)

(25) de (26) de

(30) 199 22 753.5 18 May/mai 1999 DE (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • INSTANT FORMULATIONS OF ENZYMES, USED FOR ANIMAL FEED

• FORMULATIONS INSTANTANÉES D'ENZYMES POUR L'ALIMENTATION DES ANIMAUX

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; D-67056 Ludwigshafen (DE).

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

(72, 75) HARZ, Hans-Peter [DE/DE]; Am Mönchsbusch 22, D-67373 Dudenhofen (DE). BETZ, Roland [DE/DE]; Im Brühl 5, D-67150 Niederkirchen (DE). HEINZL, Wolfgang [DE/DE]; Am Königswingert 17, D-67157 Wachenheim (DE). GAUS, Günter [DE/DE]; Altrheinstrasse 5b, D-68647 Biblis (DE).

(74) REITSTÖTTER, KINZEBACH & PARTNER; Sternwartstrasse 4, D-81679 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12N 15/00, C12Q 1/70, C07K 7/06, 7/08, 14/00, C12N 9/00, A61K 38/02

(11) WO 00/70035 (13) A1

(21) PCT/JP00/02698

(22) 25 Apr/avr 2000 (25.04.2000)

(25) ja (26) ja

(30) 11/133402 13 May/mai 1999 JP (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • INHIBITORS FOR VIRAL INFECTION TARGETING INTEGRASE N-TERMINAL REGION

• INHIBITEURS UTILISES DANS LE CIBLAGE D'INFECTIONS VIRALES D'UNE REGION A EXTREMITE TERMINALE N DE L'INTEGRASE

(71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).

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(72, 75) MASUDA, Takao [JP/JP]; Room 609, 3-17, Etchujima 1-chome, Koto-ku, Tokyo 135-0044 (JP). KANNAGI, Mari [JP/JP]; Room 306, 19-17, Koishikawa 5-chome, Bunkyo-ku, Tokyo 112-0002 (JP).

(74) HIROTA, Masanori; Room 502, Akasakaaoi Building No.11, 8-11, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AU CA IL IN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> C12N 15/00

(11) WO 00/70036 (13) A2

(21) PCT/US00/13046

(22) 10 May/mai 2000 (10.05.2000)

(25) en (26) en

(30) 09/313,300 17 May/mai 1999 US (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MOLECULES EXPRESSED IN HIPPOCAMPUS

• MOLECULES EXPRIMEES DANS L'HIPPOCAMPE

(63) US 09/313,300 (CIP) 17 May/mai 1999 (17.05.1999)

(71) INCYTE GENOMICS, INC. [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).

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

(72, 75) KASER, Matthew, R. [GB/US]; 4793 Ewing Road, Castro Valley, CA 94546 (US). LAL, Preeti [IN/US]; 2382 Lass Drive, Santa Clara, CA 95054 (US). YUE, Henry [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). TANG, Y., Tom [CN/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). BAUGHN, Mariah, R. [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). AZIMZAI, Yalda [US/US]; 2045 Rock Springs Drive, Hayward, CA 94545 (US).

(74) MURRY, Lynn, E. et al. / etc.; Incyte Genomics, Inc., 3160 Porter Drive, Palo Alto, CA 94304 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)<sup>7</sup> C12N 15/00  
(11) WO 00/70037 (13) A2  
(21) PCT/US00/13337  
(22) 15 May/mai 2000 (15.05.2000)  
(25) en (26) en  
(30) 09/314,847 19 May/mai 1999 US (19.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● DIRECTED EVOLUTION OF MICROORGANISMS  
● EVOLUTION DIRIGEE DE MICRO-ORGANISMES
- (71) GENENCOR INTERNATIONAL, INC. [US/US]; 925 Page Mill Road, Palo Alto, CA 94304 (US).
- (72) SCHELLENBERGER, Volker; 914 Moreno Avenue, Palo Alto, CA 94303 (US). LIU, Amy, D.; 426 Esquela Avenue, Mountain View, CA 94040 (US). SELIFONOVA, Olga, V.; 2240 Homestead Court #214, Los Altos, CA 94024 (US).
- (74) STONE, Christopher, L.; Genencor International, Inc., 925 Page Mill Road, Palo Alto, CA 94304-1013 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 15/09, 15/63, 15/64, 15/67, 15/82, 15/90, A01H 1/00, 5/00  
(11) WO 00/70038 (13) A1  
(21) PCT/US00/13638  
(22) 18 May/mai 2000 (18.05.2000)  
(25) en (26) en  
(30) 60/134,830 19 May/mai 1999 US (19.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● PLASMIDS AND METHODS FOR CONSTRUCTION OF NON-REDUNDANT, SATURATION, GENE-DISRUPTION PLANT LIBRARIES  
● PLASMIDES ET PROCÉDES POUR L'ELABORATION DE LIBRAIRES VEGETALES NON REDONDANTES, A SATURATION ET DISRUPTION GENIQUE
- (71) CORNELL RESEARCH FOUNDATION, INC. [US/US]; Suite 105, 20 Thornwood Drive, Ithaca, NY 14850 (US).
- (72) WU, Ray; 111 Christopher Circle, Ithaca, NY 14850 (US).
- (74) GOLDMAN, Michael, L. et al. / etc.; Nixon Peabody LLP, Clinton Square, P.O. Box 1051, Rochester, NY 14603 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 15/10, C12Q 1/68  
(11) WO 00/70039 (13) A1  
(21) PCT/CA00/00586  
(22) 17 May/mai 2000 (17.05.2000)  
(25) en (26) en  
(30) 60/134,548 17 May/mai 1999 US (17.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD FOR SUBTRACTING cDNAs BY SUPPRESSING THE SYNTHESIS OF SPECIFICALLY TARGETED mRNAs  
● METHODE DE SOUSTRACTION D'ADNc PAR SUPPRESSION DE LA SYNTHÈSE D'ARNm CIBLES SPECIFIQUEMENT
- (71) MCGILL UNIVERSITY [CA/CA]; 845 Sherbrooke Street West, Montreal, Quebec H3A 1B1 (CA).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PELLETIER, Jerry [CA/CA]; 8 Lakeview, Baie D'Urfée, Quebec H9X 3B1 (CA).
- (74) DUBUC, Jean, H. et al. / etc.; Goudreau Gage Dubuc, The Stock Exchange Tower, 800 Place Victoria, Suite 3400, P.O. Box 242, Montreal, Quebec H4Z 1E9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> C12N 15/10, B01J 41/06, 47/04  
(11) WO 00/70041 (13) A1  
(21) PCT/US00/12954  
(22) 12 May/mai 2000 (12.05.2000)  
(25) en (26) en  
(30) 09/312,139 14 May/mai 1999 US (14.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● MIXED-BED SOLID PHASE AND ITS USE IN THE ISOLATION OF NUCLEIC ACIDS  
● PHASE SOLIDE A LITS MELANGES ET SON UTILISATION POUR ISOLER DES ACIDES NUCLEIQUES

(71) **PROMEGA CORPORATION** [US/US]; 2800 Woods Hollow Road, Madison, WI 53711-5399 (US).

(72) **SMITH, Craig, E.**; 969 Autumn Woods Lane, Oregon, WI 53575 (US). **HOLMES, Diana, L.**; 4818 Tile Line Road, Crystal Lake, IL 60012 (US). **SIMPSON, Daniel, J.**; 1329 North High Point Road, Middleton, WI 53562 (US). **KATZENDLER, Jehoshua**; Hapalmach Street 68, 91120 Jerusalem (IL). **BITNER, Rex, M.**; W53 N598 Birch Street, Cedarburg, WI 53012 (US). **GROSCH, Josephine, C.**; 6121 Jacoby Drive, Mazomanie, WI 53560 (US).

(74) **FRENCHICK, Grady, J.** et al. / etc.; Michael Best & Friedrich LLP, One South Pinckney Street, Suite 700, Madison, WI 53701-1806 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12N 15/11, C07H 21/04, C07K 14/00

(11) WO 00/70042 (13) A1

(21) PCT/US00/12788

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 60/134,068 13 May/mai 1999 US (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • 143 HUMAN SECRETED PROTEINS  
• 143 PROTEINES HUMAINES SECRÉTEES

(71) **HUMAN GENOME SCIENCES, INC.** [US/US]; 9410 Key West Avenue, Rockville, MA 20850 (US).  
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(72, 75) **ROSEN, Craig, A.** [US/US]; 22400 Rolling Hill Road, Laytonsville, MD 20882 (US). **RUBEN, Steven, M.** [US/US]; 18528 Heritage Hills Drive, Olney, MD 20832 (US). **MOORE, Paul, A.** [GB/US]; 19005 Leatherbark Drive, Germantown, MD 20874 (US). **YOUNG, Paul, E.** [US/US]; 122 Beckwith Street, Gaithersburg, MD 20878 (US). **KOMATSOUKIS, George, A.** [US/US]; 9518 Garwood Street, Silver Spring, MD 20901 (US). **BIRSE, Charles, E.** [GB/US]; 13822 Saddleview Drive, North Potomac, MD 20878 (US). **DUAN, Roxanne, D.** [US/US]; 5515 Northfield Road, Bethesda, MD 20817 (US). **FLORENCE, Kimberly, A.** [US/US]; 12805 Atlantic Avenue, Rockville, MD 20851 (US). **SOPPET, Daniel, R.** [US/US]; 15050 Stillfield Place, Centreville, VI 22020 (US).

(74) **HOOVER, Kenley, K.** et al. / etc.; Human Genome Sciences, Inc., 9410 Key West Avenue, Rockville, MD 20850 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 15/12, C07K 14/47, A61K 38/17

(11) WO 00/70043 (13) A1

(21) PCT/DK00/00246

(22) 10 May/mai 2000 (10.05.2000)

(25) en (26) en

(30) PA 1999 00668 14 May/mai 1999 DK (14.05.1999)

(30) PA 1999 01508 20 Oct/oct 1999 DK (20.10.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • RECOMBINANT HUMAN MANNAN-BINDING LECTIN  
• LECTINE HUMAINE DE RECOMBINAISON SE FIXANT A LA MANNANE

(71, 72) **THIEL, Steffen** [DK/DK]; Villadsensvej 3, DK-8240 Risskov (DK). **JENSENIUS, Jens, Christian** [DK/DK]; Finsens Allé 28, DK-5230 Odense (DK). **JENSEN, Thomas, Vorup** [DK/DK]; Fåborggade 14, DK-8000 Århus C (DK).

(74) **HØIBERG APS**; Nørre Farimagsgade 37, DK-1364 Copenhagen K (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C12N 15/12, C07K 14/705, G01N 33/68

(11) WO 00/70044 (13) A2

(21) PCT/US00/12383

(22) 8 May/mai 2000 (08.05.2000)

(25) en (26) en

(30) 60/134,063 13 May/mai 1999 US (13.05.1999)

(30) 60/137,547 4 Jun/juin 1999 US (04.06.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • HUMAN BRAIN T CALCIUM CHANNEL ALPHA-SUBUNIT SPLICE VARIANTS

• VARIANTS EPISSÉS DE LA SOUS-UNITÉ ALPHA DES CANAUX CALCIUM T DANS LE CERVEAU HUMAIN

(71) **THE JOHNS HOPKINS UNIVERSITY** [US/US]; 111 Market Place, Baltimore, MD 21201 (US).

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(72, 75) **MITTMAN, Scott** [US/US]; The Johns Hopkins University, 111 Market Place, Baltimore, MD 21201 (US). **AGNEW, William, S.** [US/US]; The Johns Hopkins University, 111 Market Place, Baltimore, MD 21201 (US).

(74) **KAGAN, Sarah, A.** et al. / etc.; Banner & Witcoff, Ltd., Eleventh Floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 15/12, C07K 14/705, 16/28, A61K 38/17, G01N 33/50

(11) WO 00/70045 (13) A1

(21) PCT/US00/12998

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 9911123.9 13 May/mai 1999 GB (13.05.1999)

(30) 9925989.7 3 Nov/nov 1999 GB (03.11.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • OX2 RECEPTOR HOMOLOGS  
• HOMOLOGUES DE RECEPTEUR OX2

(71) **MEDICAL RESEARCH COUNCIL** [GB/GB]; 20 Park Crescent, London W1N 4AL (GB). **SCHERING CORPORATION** [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).

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(72, 75) **BARCLAY, A., Neil** [GB/GB]; 44 Minister Road, Oxford OX4 1LY (GB). **BROWN, Marion, H.** [GB/GB]; 28 Bridge Street, Osney, Oxford OX2 0BA (GB). **GORMAN, Daniel, M.** [US/US]; 6371 Central Avenue, Newark, CA 94560 (US). **LANIER, Lewis, L.** [US/US]; 1528 Frontero Avenue, Los Altos, CA 94024 (US). **WRIGHT, Gavin, J.** [GB/GB]; 18 St. Mary's Crescent, Netherthong, Holmfirth, Huddersfield, West Yorkshire HD7 2XP (GB). **CHERWINSKI, Holly** [US/US];

- 17100 Two Bar Road, Boulder Creek, CA 95006 (US). **PHILLIPS, Joseph, H.** [US/US]; 1511 Walnut Drive, Palo Alto, CA 94303 (US). **HOEK, Robert, M.** [NL/US]; 1943 Mount Vernon Court, #308, Mountain View, CA 94040 (US). **SEDGWICK, Jonathan, D.** [AU/US]; 365 North California Avenue, Palo Alto, CA 94301 (US).
- (74) **THAMPOE, Immac, J.** et al. / etc.; Schering-Plough Corporation, Patent Dept., K-6-1, 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LU LV MA MD MG MK MN MX NO NZ PL PT RO RU SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (74) **ELRIFI, Ivor, R.;** Mintz, Levin, Cohn, Ferris, Glovsky, and Popeo, P.C., One Financial Center, Boston, MA 02111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (74) **HAMLET-COX, Diana** et al. / etc.; Incyte Genomics, 3160 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 15/12, C12Q 1/68, C07K 14/47, 16/18, A01K 67/027, A61K 38/17, G01N 33/68
- (11) **WO 00/70047** (13) A2
- (21) PCT/US00/13299
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/311,894 **14 May/mai 1999 US (14.05.1999)**
- (30) 09/311,940 **14 May/mai 1999 US (14.05.1999)**
- (30) 09/311,937 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • FULL-LENGTH MOLECULES EXPRESSED IN HUMAN TISSUES  
• MOLECULES COMPLETES EXPRI-MEES DANS DES TISSUS HUMAINS
- (63) US 09,311,894 (CIP)  
14 May/mai 1999 (14.05.1999)  
US 09,311,940 (CIP)  
14 May/mai 1999 (14.05.1999)  
US 09,311,937 (CIP)  
14 May/mai 1999 (14.05.1999)
- (71) **INCYTE GENOMICS, INC.** [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).  
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- (72, 75) **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). **TANG, Y., Tom** [CN/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **LAL, Preeti** [IN/US]; 2382 Lass Drive, Santa Clara, CA 95054 (US). **REDDY, Roopa** [IN/US]; 1233 W. McKinley Drive, Sunnyvale, CA 94086 (US). **BATRA, Sajeev** [US/US]; 555 El Camino Real #709, Sunnyvale, CA 94087 (US). **BAUGHN, Mariah, R.** [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). **YANG, Junming** [CN/US]; 7125 Bark Lane, San Jose, CA 95129 (US). **AZIMZAI, Yalda** [US/US]; 2045 Rock Springs Drive, Hayward, CA 94545 (US). **LU, Dyung, Aina, M.** [US/US]; 55 Park Belmont Place, San Jose, CA 95136 (US). **AU-YOUNG, Janice** [US/US]; 233 Golden Eagle Lane, Brisbane, CA 94005 (US). **SHIH, Leo, L.** [US/US]; Apartment B., 1081 Tanland Drive, Palo Alto, CA 94303 (US).
- (51)<sup>7</sup> C12N 15/12, 15/63, C07K 14/47, 16/18, C12Q 1/68, C12P 21/08
- (11) **WO 00/70048** (13) A1
- (21) PCT/US00/13316
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 60/134,137 **14 May/mai 1999 US (14.05.1999)**
- (30) 09/570,293 **12 May/mai 2000 US (12.05.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • POLYNUCLEOTIDE AND POLYPEPTIDE SEQUENCES ENCODING MURINE ORGANIC ANION TRANSPORTER 6 (mOATP6) AND SCREENING METHODS THEREOF  
• SEQUENCES DE POLYNUCLEOTIDES ET DE POLYPEPTIDES CODANT UN TRANSPORTEUR D'ANION ORGANIQUE MURIN 6(MOATP6) ET METHODES DE DEPISTAGE CORRESPONDANTES
- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19482-0980 (US). **SMITHKLINE BEECHAM PLC** [GB/GB]; New Horizons Court, Great West Road, Brentford, Middlesex TW8 9EP (GB).
- (72) **FEILD, John;** 610 Mallard Terrace, Wayne, PA 19087 (US). **YUE, Lin;** 63 Flintlock Lane, Phoenixville, PA 19460 (US). **EL-LENS, Harma;** 1527 Sheridan Lane, Norristown, PA 19403 (US).
- (74) **ANDERSEN, Robert, L.** et al. / etc.; Ratner & Prestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> C12N 15/12, 5/10, C07K 14/47, 16/18, A61K 38/17, A01K 67/027, G01N 33/50, C12Q 1/68
- (11) **WO 00/70049** (13) A2
- (21) PCT/US00/13975
- (22) **19 May/mai 2000 (19.05.2000)**
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- (30) 60/134,949 **19 May/mai 1999** US  
(19.05.1999)
- (30) 60/144,270 **15 Jul/juillet 1999** US  
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- (30) 60/146,700 **30 Jul/juillet 1999** US  
(30.07.1999)
- (30) 60/157,508 **4 Oct/oct 1999** US  
(04.10.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● EXTRACELLULAR SIGNALING MOLECULES  
● MOLECULES DE SIGNALISATION EXTRACELLULAIRES
- (63) US 60/144,270 (CIP)  
15 Jul/juillet 1999 (15.07.1999)  
US 60/146,700 (CIP)  
30 Jul/juillet 1999 (30.07.1999)  
US 60/157,508 (CIP)  
4 Oct/oct 1999 (04.10.1999)  
US 60/134,949 (CIP)  
19 May/mai 1999 (19.05.1999)
- (71) **INCYTE GENOMICS, INC.** [US/US]; 3160 Porter Drive, Palo Alto, CA 94034 (US).  
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- (72, 75) **TANG, Y., Tom** [CN/US]; 4230 Ranwick Court, San Jose, CA 95118 (US).  
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- (74) **HAMLET-COX, Diana** et al. / etc.; Incyte Genomics, Inc., 3160 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> C12N 15/12, C07K 14/47, A61K 38/17, G01N 33/53, C12Q 1/68, C12N 15/62, C07K 16/18
- (11) **WO 00/70050** (13) A1
- (21) PCT/US00/07532
- (22) **21 Mar/mar 2000 (21.03.2000)**
- (25) en (26) en
- (30) 99109714.8 **17 May/mai 1999** EP  
(17.05.1999)
- (30) 99114853.7 **29 Jul/juillet 1999** EP  
(29.07.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● NEUROPROTECTIVE PROPERTIES OF GDF-15, A NOVEL MEMBER OF THE TGF- $\beta$  SUPERFAMILY
- (30) 60/134,287 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● COMPOSITIONS AND METHODS FOR THE TREATMENT OF IMMUNE RELATED DISEASES  
● COMPOSITIONS ET PROCÉDES DE TRAITEMENT DE MALADIES D'ORDRE IMMUNOLOGIQUE
- (71) **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).  
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- (72, 75) **BAKER, Kevin, P.** [GB/US]; 14006 Indian Run Drive, Darnestown, MD 20878 (US). **CHEN, Jian** [CN/US]; 121 York Drive, Princeton, NJ 08540 (US). **FERRARA, Napoleone** [US/US]; 2090 Pacific Avenue #704, San Francisco, CA 94109 (US). **FONG, Sherman** [US/US]; 19 Bainside Way, Alameda, CA 94502 (US). **GODDARD, Audrey** [CA/US]; 110 Congo Street, San Francisco, CA 94131 (US). **GURNEY, Austin, L.** [US/US]; 1 Debbie Lane, Belmont, CA 94002 (US). **HILLAN, Kenneth, J.** [GB/US]; 64 Seward Street, San Francisco, CA 94114 (US). **KUO, Sophia, S.** [US/US]; 59 Surrey Street, Apartment 3, San Francisco, CA 94131 (US). **TUMAS, Daniel** [US/US]; 3 Rae Avenue, Orinda, CA 94563 (US). **WOOD, Willaim, I.** [US/US]; 35 Southdown Court, Hillsborough, CA 94010 (US).
- (74) **SVOBODA, Craig, G.** et al. / etc.; Genentech, INC., 1 DNA Way, South San Francisco, CA 94080-4990 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> C12N 15/19, 5/10, C07K 14/495, 16/24, A61K 48/00, 39/395, 38/00
- (11) **WO 00/70051** (13) A1
- (21) PCT/EP00/04445
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 99109714.8 **17 May/mai 1999** EP  
(17.05.1999)
- (30) 99114853.7 **29 Jul/juillet 1999** EP  
(29.07.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● GENE ISOLATED FROM *RICINUS COMMUNIS* ENCODING A NEW PROTEIN THAT INTERACTS WITH THE OLEATE 12-HYDROXYLASE ENZYME  
● GENE ISOLE DE *RICINUS COMMUNIS* CODANT UNE NOUVELLE PROTEINE QUI A UNE INTERACTION AVEC L'ENZYME OLEATE 12-HYDROXYLASE
- (71) **METAPONTUM AGROBIOS S.C.R.L.** [IT/IT]; Frazione Metaponto, Località Pantanello, S.S. Jonica, 106 KM 448,2, I-75012 Bernalda (IT).  
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- (74) **DE GREGORI, Antonella** et al. / etc.; Ing. Barzano' & Zanardo Milano S.p.A., Via Borgonuovo, 10, I-20121 Milan (IT).
- PROPRIETES NEUROPROTECTRICES DU GDF-15, UN NOUVEAU MEMBRE DE LA SUPERFAMILLE DE TGF- $\beta$
- (71) **BIOPHARM GESELLSCHAFT ZUR BIOTECHNOLOGISCHEN ENTWICKLUNG UND ZUM VERTRIEB VON PHARMAKA MBH** [DE/DE]; Czernyring 22, D-69115 Heidelberg (DE).  
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- (72, 75) **UNSICKER, Klaus** [DE/DE]; Köpfelweg 54, D-69118 Heidelberg (DE). **KRIEGELSTEIN, Kerstin** [DE/DE]; Köpfelweg 54, D-69118 Heidelberg (DE).
- (74) **PERREY, Ralf**; Müller-Boré & Partner, Grafinger Strasse 2, D-81671 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> C12N 15/29, 15/52, 15/82, A01H 5/00, C07K 14/415
- (11) **WO 00/70052** (13) A1
- (21) PCT/EP00/04181
- (22) **27 Apr/avr 2000 (27.04.2000)**
- (25) en (26) en
- (30) MI99A001080 **18 May/mai 1999** IT  
(18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● GENE ISOLATED FROM *RICINUS COMMUNIS* ENCODING A NEW PROTEIN THAT INTERACTS WITH THE OLEATE 12-HYDROXYLASE ENZYME  
● GENE ISOLE DE *RICINUS COMMUNIS* CODANT UNE NOUVELLE PROTEINE QUI A UNE INTERACTION AVEC L'ENZYME OLEATE 12-HYDROXYLASE
- (71) **METAPONTUM AGROBIOS S.C.R.L.** [IT/IT]; Frazione Metaponto, Località Pantanello, S.S. Jonica, 106 KM 448,2, I-75012 Bernalda (IT).  
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- (72, 75) **CELLINI, Francesco** [IT/IT]; Via Turi, 26, I-75010 Matera (IT). **CIFARELLI, Rosa, Anna** [IT/IT]; Via Monterrone, 19, I-75024 Montescaglioso (IT). **CARRIERO, Filomena** [IT/IT]; Via Fiume, 50, I-75024 Montescaglioso (IT).
- (74) **DE GREGORI, Antonella** et al. / etc.; Ing. Barzano' & Zanardo Milano S.p.A., Via Borgonuovo, 10, I-20121 Milan (IT).

(81) AE AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12N 15/29, 15/11, 15/62, 15/82, 5/10, 1/21, C07K 14/415, 16/16, A01H 5/00, 5/10

(11) WO 00/70053 (13) A1

(21) PCT/EP00/04515

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 99109751.0 18 May/mai 1999 EP (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • TRANSGENIC PLANTS EXHIBITING AN ALTERED FLOWERING TIME  
• PLANTES TRANSGENIQUES A TEMPS DE FLORAISON MODIFIE

(71) MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V. [DE/DE]; Hofgartens- trasse 8, D-80539 München (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARTMANN, Ulrike [DE/DE]; Moltkestrasse 76, D-50859 Köln (DE). HUIJSER, Peter [NL/NL]; Marjolein- gaard 13, NL-6417 HC Heerlen (NL). HÖHMANN, Susanne [DE/DE]; Spichern- strasse 57, D-50672 Köln (DE). SAEDLER, Heinz [DE/DE]; Carl-von-Linné-Weg 10, D-50829 Köln (DE). WISMAN, Ellen [NL/NL]; Stampstraat 32, Simpelveld (NL).

(74) WIBBELMANN, Jobst; Wuesthoff & Wuesthoff, Schweigerstrasse 2, D-81541 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12N 15/29, 15/82, 5/10, C07K 14/415, A01H 5/00

(11) WO 00/70054 (13) A1

(21) PCT/US00/12959

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/134,275 14 May/mai 1999 US (14.05.1999)

(30) 60/148,251 11 Aug/août 1999 US (11.08.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PATHOGEN-RESISTANT GRAPE PLANTS  
• PLANTS DE VIGNE RESISTANT AUX AGENTS PATHOGENES

(71) UNIVERSITY OF FLORIDA [US/US]; 223 Grinter Hall, Gainesville, FL 32611 (US).

(72) SUBRAMANIAN, Jayasankar; 611 West Rosewood Lane, Tavares, FL 32778 (US). LI, Zhijian; 627 Jamestown Boulevard, #122, Altamonde Springs, FL 32714 (US). GRAY, Dennis, J.; 24734 Turkey Lake Road, Howey-in-the Hills, FL 34737 (US).

(74) CLARK, Paul, T.; Clark & Elbing, LLP, 176 Federal Street, Boston, MA 02110-2214 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12N 15/45, C12P 21/02

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(21) PCT/JP00/03194

(22) 18 May/mai 2000 (18.05.2000)

(25) ja (26) ja

(30) 11/200740 18 May/mai 1999 JP (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • RNP ORIGINATING IN PARAMYXOVIRUS  
• RIBONUCLEOPROTEINE DERIVEE D'UN PARAMYXOVIRUS

(71) DNAVEC RESEARCH INC. [JP/JP]; 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LI, Hai-Ou [CN/JP]; DNAVEC Research Inc., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). SHU, Tsugumine [JP/JP]; DNAVEC Research Inc., 25-11, Kannondai 1-chome, Tu- kuba-shi, Ibaraki 305-0856 (JP). KUMA, Hidekazu [JP/JP]; A 203, Hisamitsu Phar- maceutical Co., Inc., Ryugasaki-haitsu, 4-6-3, Koshiba, Ryugasaki-shi, Ibaraki 301-0044 (JP). UEDA, Yasuji [JP/JP]; DNAVEC Research Inc., 25-11, Kannondai

1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). ASAKAWA, Makoto [JP/JP]; 319 Shionogi-Kanzakigawa-Ryo, 3-2-1, Fu- taba-cho, Toyonaka-shi, Osaka 561-0825 (JP). HASEGAWA, Mamoru [JP/JP]; DNAVEC Research Inc., 25-11, Kannondai 1-chome, Tu- kuba-shi, Ibaraki 305-0856 (JP). IIDA, Akihiro [JP/JP]; DNAVEC Research Inc., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). HI- RATA, Takahiro [JP/JP]; DNAVEC Re- search Inc., 25-11, Kannondai 1-chome, Tu- kuba-shi, Ibaraki 305-0856 (JP).

(74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu Tsukuba Building 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12N 15/52, 15/10, C12P 13/02, C12Q 1/68

(11) WO 00/70056 (13) A1

(21) PCT/US00/13394

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 60/134,323 14 May/mai 1999 US (14.05.1999)

(30) Not furnished / 12 May/mai 2000 US non communiqué (12.05.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CHLORAMPHENICOL BIOSYNTHETIC PATHWAY AND GENE CLUSTER CHARACTERIZATION  
• VOIE DE SYNTHÈSE BIOLOGIQUE DU CHLORAMPHENICOL ET CA- RACTERISATION DE GROUPES DE GENES

(63) US 60/134,323 (CIP) 14 May/mai 1999 (14.05.1999)  
US Not furnished / non communiqué (CIP) 12 May/mai 2000 (12.05.2000)

(71) DIVERSA CORPORATION [US/US]; 10665 Sorrento Valley Road, San Diego, CA 92121 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARADKAR, Ashish [CA/US]; San Diego, CA (US). SHORT, Jay, M. [US/US]; 6801 Paseo Delicias, Rancho Santa Fe, CA 92067-7214 (US). MATHUR, Eric, J. [US/US]; 2654 Galicia Way, Carlsbad, CA 92009 (US). GREEN, Brian, D. [US/US]; San Diego, CA (US).

(74) HAILE, Lisa, A.; Gray Cary Ware Frieden- rich LLP, Suite 1600, 4365 Executive Drive, San Diego, CA 92121 (US).



(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12N 15/53, 9/04, 1/20, 1/21, C12P 7/18 // (C12N 1/20, C12R 1:185)

(11) WO 00/70057 (13) A2

(21) PCT/US00/13286

(22) 16 May/mai 2000 (16.05.2000)

(25) en (26) en

(30) 60/134,868 19 May/mai 1999 US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MUTANT 1,3-PROPANEDIOL DEHYDROGENASE  
• 1,3-PROPANEDIOL DESHYDROGENASE MUTANTE

(71) GENENCOR INTERNATIONAL, INC. [US/US]; 925 Page Mill Road, Palo Alto, CA 94304 (US).  
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(72, 75) TRIMBUR, Donald, E. [US/US]; 349 Orchard Avenue, Redwood City, CA 94061 (US). WHITED, Gregory, M. [US/US]; 304 South Road, Belmont, CA 94002 (US). SELIFONOVA, Olga V. [RU/US]; 2240 Homestead Court, Apt. 214, Los Altos, CA 94024 (US).

(74) STONE, Christopher, L.; Genencor International, Inc., 925 Page Mill Road, Palo Alto, CA 94304-1013 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 15/54, 15/11, 15/82, 9/10, A01H 5/00, 5/10

(11) WO 00/70058 (13) A2

(21) PCT/GB00/01890

(22) 17 May/mai 2000 (17.05.2000)

(25) en (26) en

(30) 9911379.7 18 May/mai 1999 GB (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PLANT CELLULOSE SYNTHASE GENES  
• GENES DE CELLULOSE SYNTHÉSE DE PLANTES

(71) THE VICTORIA UNIVERSITY OF MANCHESTER [GB/GB]; Oxford Road, Manchester M13 9PL (GB).  
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(74) STARK, Amanda, Jane; Marks & Clerk, Sussex House, 83-85 Mosley Street, Manchester M2 3LG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 15/54, 15/29, 15/82, 9/12, A01H 5/00

(11) WO 00/70059 (13) A2

(21) PCT/US00/11687

(22) 28 Apr/avr 2000 (28.04.2000)

(25) en (26) en

(30) 60/134,292 14 May/mai 1999 US (14.05.1999)

(30) 60/142,996 8 Jul/juil 1999 US (08.07.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SIGNAL TRANSDUCTION GENES AND METHODS OF USE  
• GENES DE TRANSDUCTION DE SIGNAUX ET LEURS METHODES D'UTILISATION

(71) PIONEER HI-BRED INTERNATIONAL, INC. [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50309 (US).  
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(74) VARLEY, Karen, K. et al. / etc.; 7100 N.W. 62nd Avenue, Darwin Building, Johnston, IA 50131-1000 (US).

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

(51)<sup>7</sup> C12N 15/54, C12P 19/18, C12N 1/21 // (C12N 1/21, C12R 1:19)

(11) WO 00/70060 (13) A1

(21) PCT/US00/13538

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 60/134,756 18 May/mai 1999 US (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PRODUCTION OF COMPLEX CARBOHYDRATES  
• PRODUCTION DE GLUCIDES COMPLEXES

(71) UNIVERSITY OF IOWA RESEARCH FOUNDATION [US/US]; 100 Oakdale Campus #214 TIC, Iowa City, IA 52242-5000 (US).  
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(71, 72) APICELLA, Michael, A. [US/US]; 2646 Johnsons Crossing, N.E., Solon, IA 52333 (US). GIBSON, Bradford, W. [US/US]; 1324 Peralta Avenue, Berkeley, CA 94702 (US). PHILLIPS, Nancy, J. [US/US]; 6018 Colby Street, Oakland, CA 94618 (US).

(74) VIKSNINS, Ann, S.; Schwegman, Lundberg & Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12N 15/55, 15/82, 9/64, 5/10, C07K 14/415, A01H 5/00

(11) WO 00/70061 (13) A2

(21) PCT/GB00/01849

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 9911247.6 15 May/mai 1999 GB (15.05.1999)

- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **SENESCENCE-RELATED PROMOTERS**  
● **PROMOTEURS LIES A LA SENESCENCE**
- (71) **INSTITUTE OF GRASSLAND & ENVIRONMENTAL RESEARCH** [GB/GB]; Plas Gogerddan, Aberystwyth, Ceredigion SY23 3EB (GB).  
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- (72, 75) **THOMAS, Howard** [GB/GB]; 1 Brook Terrace, Llanbadarn Fawr, Aberystwyth, Ceredigion SY23 3RE (GB). **DONNISON, Iain, Simon** [GB/GB]; 5 Castle Street, Clun, Shropshire SY7 8JU (GB). **ROBSON, Paul, Russell, Henry** [GB/GB]; 5 Elmfield Avenue, Gilesgate, Durham DH1 1DQ (GB). **GRIFFITHS, Catherine, Margaret** [GB/GB]; Coed Y Berllan, Bryn-Y-Mor Road, Aberystwyth, Ceredigion SY23 2HX (GB).
- (74) **AUSTIN, Hedley, William;** Urquhart-Dykes & Lord, Alexandra House, Alexandra Road, Swansea SA1 5ED (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> **C12N 15/56, 15/62, 9/24**
- (11) **WO 00/70063** (13) A1
- (21) PCT/CA00/00335
- (22) **30 Mar/mar 2000 (30.03.2000)**
- (25) en (26) en
- (30) 09/311,170 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **CONIOTHYRIUM MINITANS XYLANASE GENE CXY1**  
● **GENE XYLANASE CXY1 DE CONIOTHYRIUM MINITANS**
- (71) **HER MAJESTY THE QUEEN IN RIGHT OF CANADA as represented by THE MINISTER OF AGRICULTURE AND AGRI-FOOD** [CA/CA]; P.O. Box 3000, Main, Lethbridge, Alberta T1J 4B1 (CA).  
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- (72, 75) **LAROCHE, Andre, J.** [CA/CA]; 51 Kings Mews South, Lethbridge, Alberta T1K 5G8 (CA). **HUANG, Timothy, Y.** [CA/CA]; 3 Tudor Court South, Lethbridge, Alberta T1K 5C9 (CA). **FRICK, Michele, M.** [CA/CA]; 54 Heritage Place, Lethbridge, Alberta T1K 6X7 (CA). **LU, Zhen-Xiang** [CN/CA]; 2717 - 11th Avenue North, Lethbridge, Alberta T1H 1N5 (CA). **HUANG, Hung, Chang** [CA/CA]; 3 Tudor Court South, Lethbridge, Alberta T1K 5C9 (CA). **CHENG, Kuo, Joan** [CA/CA]; 17, 7695 St. Albans Road, Richmond, British Columbia V6Y 3W8 (CA).
- (74) **MCKAY-CAREY, Mary, Jane;** McKay-Carey & Company, 2125 Commerce Place, 10155 - 102nd Street, Edmonton, Alberta T5J 4G8 (CA).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **C12N 15/55, 15/82, 9/16**
- (11) **WO 00/70062** (13) A1
- (21) PCT/US00/13238
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/133,964 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **EXPRESSION OF SEDOHEPTULOSE 1,7 BISPHTHATASE IN TRANSGENIC PLANTS**  
● **EXPRESSION DE SEDOHEPTULOSE 1,7-BISPHTHATASE DANS DES PLANTES TRANSGENIQUES**
- (71) **MONSANTO CO.** [US/US]; 800 N. Lindbergh Blvd., St. Louis, MO 63167 (US).
- (72) **STAUB, Robin, L.;** 591 McBride Pointe Drive, Wildwood, MO 63011 (US). **MILLER, Philip, W.;** 267 Oak Pass Court, Ballwin, MO 63011 (US).
- (74) **KAMMERER, Patricia, A.;** Howrey Simon Arnold & White, LLP, 750 Bering Drive, Houston, TX 77057-2198 (US).
- (51)<sup>7</sup> **C12N 15/61, 15/62, 9/90, A61K 7/48, 7/06**
- (11) **WO 00/70064** (13) A1
- (21) PCT/DK00/00265
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) PA 1999 00683 **17 May/mai 1999 DK (17.05.1999)**
- (30) PA 1999 00689 **18 May/mai 1999 DK (18.05.1999)**
- (30) 60/137,068 **2 Jun/juin 1999 US (02.06.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **POLYPEPTIDES WITH PROTEIN DISULFIDE REDUCING PROPERTIES**  
● **POLYPEPTIDES REDUCTEURS DES BISULFURES DE PROTEINES**
- (71) **NOVO NORDISK A/S** [DK/DK]; Enzyme Business Patents, Novo Allé, DK-2880 Bagsværd (DK).  
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- (72, 75) **HJORT, Carsten, Mailand** [DK/DK]; Råbroparken 36, DK-2765 Smørum (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> **C12N 15/82, A01H 5/00**
- (11) **WO 00/70065** (13) A1
- (21) PCT/FR00/01318
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) fr (26) fr
- (30) 99/06231 **17 May/mai 1999 FR (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **PROMOTER OF THIOREDOXINE TaTrxh2 IN WHEAT**  
● **PROMOTEUR DE LA THIOREDOXINE TaTrxh2 DE BLE**
- (71) **INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA)** [FR/FR]; 147, rue de l'Université, F-75338 Paris Cedex 07 (FR).  
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- (72, 75) **GAUTIER, Marie-Françoise** [FR/FR]; 16, rue Cyrano de Bergerac, F-34090 Montpellier (FR). **IHORAI, Tania** [FR/FR]; 101, rue Chateaubriand, F-63100 Clermont-Ferrand (FR). **JOUDRIER, Philippe** [FR/FR]; 60, rue Jeanne Garnerin, F-34070 Montpellier (FR).
- Published / Publiée : (c)

(74) **VIALLE-PRESLES, Marie-José** et al. / etc.; Cabinet Orès, 6, avenue de Messine, F-75008 Paris (FR).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> C12N 15/82, 15/29, A01H 5/00

(11) **WO 00/70066** (13) A1

(21) PCT/US00/13301

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/312,285 **14 May/mai 1999** US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • THE MAIZE RS324 PROMOTER AND METHODS FOR USE THEREOF

• PROMOTEUR RS324 DU MAIS ET PROCEDES D'UTILISATION DE CE PROMOTEUR

(63) US 09/312,285 (CON) 14 May/mai 1999 (14.05.1999)

(71) **DEKALB GENETICS CORPORATION** [US/US]; 62 Maritime Drive, Mystic, CT 06355 (US).  
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(72, 75) **MCELROY, David** [US/US]; 353 Kingsley Avenue, Palo Alto, CA 94301 (US).  
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(74) **HIGHLANDER, Steven, L.**; Fulbright & Jaworski, L.L.P., Suite 2400, 600 Congress Avenue, Austin, TX 78701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12N 15/82, 15/29, A01H 5/00

(11) **WO 00/70067** (13) A1

(21) PCT/US00/13303

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/312,304 **14 May/mai 1999** US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • THE RICE ACTIN 2 PROMOTER AND INTRON AND METHODS FOR USE THEREOF

• PROMOTEUR ACTINE 2 DE RIZ ET INTRON, PROCEDES D'UTILISATION ASSOCIES

(63) US 09/312,304 (CON) 14 May/mai 1999 (14.05.1999)

(71) **DEKALB GENETICS CORPORATION** [US/US]; 62 Maritime Drive, Mystic, CT 06355 (US).  
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(74) **HIGHLANDER, Steven, L.**; Fulbright & Jaworski, L.L.P., Suite 2400, 600 Congress Avenue, Austin, TX 78701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12N 15/82, 15/29, A01H 5/00

(11) **WO 00/70068** (13) A1

(21) PCT/US00/13304

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/312,266 **14 May/mai 1999** US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • THE MAIZE RS81 PROMOTER AND METHODS FOR USE THEREOF

• PROMOTEUR RS81 ET PROCEDES D'UTILISATION DE CE PROMOTEUR

(63) US 09/312,266 (CON) 14 May/mai 1999 (14.05.1999)

(71) **DEKALB GENETICS CORPORATION** [US/US]; 62 Maritime Drive, Mystic, CT 06355 (US).  
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(72, 75) **MCELROY, David** [US/US]; 353 Kingsley Avenue, Palo Alto, CA 94301 (US).  
**OROZCO, Emil, M., Jr.** [US/US]; 2 Dutton Farm Lane, West Grove, PA 19390 (US).  
**LACCETTI, Lucille, B.** [US/US]; 34 Country Club Road, Groton, CT 06340 (US).

(74) **HIGHLANDER, Steven, L.**; Fulbright & Jaworski L.L.P., Suite 2400, 600 Congress Avenue, Austin, TX 78701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12N 15/82, 15/29, C07K 14/415, C12N 5/10, A01H 5/00

(11) **WO 00/70069** (13) A1

(21) PCT/US00/13307

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/133,965 **13 May/mai 1999** US (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ACQUIRED RESISTANCE GENES IN PLANTS

• GÈNE DE RÉSISTANCE ACQUISE DANS DES PLANTES

(71) **MONSANTO CO.** [US/US]; 800 N. Lindbergh Blvd., St. Louis, MO 63167 (US).

(72) **BOUGRI, Oleg, V.**; 9712 Medical Center Drive, Rockville, MD 20850 (US).  
**ROMMENS, Caius, M., T.**; 92 River Bend Drive, Ann Arbor, MI 48105 (US).  
**SRIVASTAVA, Neelam**; 2394 Hickory Point Drive, Ann Arbor, MI 48105 (US).  
**SWORDS, Kathleen, M.**; 92 River Bend Drive, Chesterfield, MO 63017 (US).

(74) **KAMMERER, Patricia, A.**; Howrey Simon Arnold & White, LLP, 750 Bering Drive, Houston, TX 77057-2198 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12N 15/86, 15/45, 7/01 // 5/10

(11) **WO 00/70070** (13) A1

(21) PCT/JP00/03195

(22) **18 May/mai 2000 (18.05.2000)**

(25) ja (26) ja

(30) 11/200739 **18 May/mai 1999** JP (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

- (54) ● PARAMYXOVIRIDAE VIRUS VECTOR DEFECTIVE IN ENVELOPE GENE  
● VECTEUR DE VIRUS PARAMYXOVIRIDAE DEFECTUEUX DANS UN GENE ENVELOPPE
- (71) **DNAVEC RESEARCH INC.** [JP/JP]; 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP).  
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- (72, 75) **LI, Hai-Ou** [CN/JP]; Dnavec Research Inc., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). **SHU, Tsugumine** [JP/JP]; Dnavec Research Inc., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). **KUMA, Hidekazu** [JP/JP]; A 203, Hisamitsu Pharmaceutical Co., Inc., Ryugasaki-haitsu, 4-6-3, Koshiiba, Ryugasaki-shi, Ibaraki 301-0044 (JP). **UEDA, Yasuji** [JP/JP]; Dnavec Research Inc., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). **ASAKAWA, Makoto** [JP/JP]; 319 Shionogi-Kanzakigawa-Ryo, 3-2-1, Futaba-cho, Toyonaka-shi, Osaka 561-0825 (JP). **HASEGAWA, Mamoru** [JP/JP]; Dnavec Research Inc., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). **IIDA, Akihiro** [JP/JP]; Dnavec Research Inc., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). **TOKITOU, Fumino** [JP/JP]; Dnavec Research Inc., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). **HIRATA, Takahiro** [JP/JP]; Dnavec Research Inc., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). **TOKUSUMI, Tsuyoshi** [JP/JP]; Dnavec Research Inc., 25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP).
- (74) **SHIMIZU, Hatsushi** et al. / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GN GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **C12N 15/86, 15/34, 5/10, A61K 48/00**
- (11) **WO 00/70071** (13) A1
- (21) PCT/NL00/00325
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 99201545.3 **17 May/mai 1999 EP (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ADENOVIRUS DERIVED GENE DELIVERY VEHICLES COMPRISING AT LEAST ONE ELEMENT OF ADENOVIRUS TYPE 35  
● VEHICULES D'ACHEMINEMENT GENIQUE DERIVES D'ADENOVIRUS COMPRENANT AU MOINS UN ELEMENT D'ADENOVIRUS DE TYPE 35
- (71) **INTROGENE B.V.** [NL/NL]; Wassenaarseweg 72, NL-2333 AL Leiden (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BOUT, Abraham** [NL/NL]; Coymansstraat 24, NL-2751 AR Moerkapelle (NL). **HAVENGA, Menzo, Jans, Emco** [NL/NL]; Stortemelk 57, NL-2401 BV Alphen aan de Rijn (NL). **VOGELS, Ronald** [NL/NL]; Van Rietlaan 4, NL-3461 HW Linschoten (NL).
- (74) **PRINS, A., W.**; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C12P 7/06, 7/08, C12F 3/08, C13F 3/00**
- (11) **WO 00/70072** (13) A1
- (21) PCT/LV00/00003
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) P-99-81 **17 May/mai 1999 LV (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD OF SUGAR BEET COMPLEX PROCESSING  
● TRAITEMENT COMPLEXE DE LA BETTERAVE A SUCRE
- (71, 72) **UPENIEKS, Aivars** [LV/LV]; Krastmalas, Lslices pag., LV-3914 Bauskas raj. (LV). **LAZE, Janis** [LV/LV]; Valdauci, Kekavas pag., LV-2123 Rigas raj. (LV). **BUKELE, Emerita** [LV/LV]; Lubanas iela 123-69, LV-1021 Riga (LV).
- (74) **ZVIRGZDS, Arnolds**; Intels Latvia, a/k 30, LV-1083 Riga (LV).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GN GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C12P 19/34, C12Q 1/68, C12M 1/34**
- (11) **WO 00/70073** (13) A1
- (21) PCT/US00/13677
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 60/134,827 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD FOR SEQUENCING NUCLEIC ACID MOLECULES  
● PROCEDE DE MISE EN SEQUENCES DE MOLECULES D'ACIDE NUCLEIQUE
- (71) **CORNELL RESEARCH FOUNDATION, INC.** [US/US]; Suite 105, 20 Thornwood Drive, Ithaca, NY 14850 (US).
- (72) **KORLACH, Jonas**; 2108 Hasbrouck Apt., Ithaca, NY 14850 (US). **WEBB, Watt, W.**; 9 Parkway Place, Ithaca, NY 14850 (US). **LEVENE, Michael**; 700 Warren Road, 11-3D, Ithaca, NY 14850 (US). **TURNER, Stephen**; 17 Sheraton Drive, Ithaca, NY 14850 (US). **CRAIGHEAD, Harold, G.**; 21 Fairway Drive, Ithaca, NY 14850 (US). **FOQUET, Mathieu**; 21 Fairway Drive, Ithaca, NY 14850 (US).
- (74) **GOLDMAN, Michael, L.** et al. / etc.; Nixon Peabody LLP, Clinton Square, P.O. Box 1051, Rochester, NY 14603 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C12P 19/38**
- (11) **WO 00/70074** (13) A1
- (21) PCT/JP00/03095
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) ja (26) ja
- (30) 11/132144 **13 May/mai 1999 JP (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● PROCESS FOR PRODUCING NUCLEOSIDE COMPOUND  
● PROCEDE DE PRODUCTION DE COMPOSE NUCLEOSIDIQUE
- (71) **MITSUI CHEMICALS, INCORPORATED** [JP/JP]; 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-6070 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **NIKUMARU, Seiya** [JP/JP]; 2142, Togo, Mobarashi, Chiba 297-0017 (JP). **NAKAMURA, Takeshi** [JP/JP]; 38-20,

- Chiharadai 4-chome, Ichihara-shi, Chiba 290-0158 (JP).
- (74) **KANEDA, Nobuyuki** et al. / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) CA CN IN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C12P 21/06, C12N 1/20, 15/00, 5/00, C12Q 1/68, A01N 61/00, 43/04, C07K 1/00, 16/00, C07H 21/04**
- (11) **WO 00/70075** (13) A1
- (21) PCT/US00/13320
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/313,526 **17 May/mai 1999** US (17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **STREPTOCOCCUS PNEUMONIAE** yerS  
• **STREPTOCOCCUS PNEUMONIAE** YERS
- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). **SMITHKLINE BEECHAM PLC** [GB/GB]; One New Horizons, Great West Road, Brentford, Middlesex TW8 9EP (GB).
- (72) **ZALACAIN, Magdalena**; 126 Woodland Drive, West Chester, PA 19380 (US). **BISWAS, Sanjoy**; 77 S. Valley Road, Apt. B4, Paoli, PA 19301 (US). **BURNHAM, Martin, K., R.**; 565 Forgedale Road, Barto, PA 19504 (US). **BROWN, James, R.**; 9 Robins Lane, Berwyn, PA 19312 (US). **INGRAHAM, Karen, A.**; RR2 Box 108A, Auburn, PA 17922 (US). **CHALKER, Alison, F.**; 137 Harvard Drive, College Woods, Trappe, PA 19426 (US). **HOLMES, David, J.**; 126 Woodmint Drive, West Chester, PA 19380 (US). **WARREN, Richard, L.**; 825 Cathcart Road, Blue Bell, PA 19422 (US). **TRAINI, Christopher, M.**; 50 Potter Court, Media, PA 19063 (US). **BRYANT, Alexander, P.**; 1797 Little Conestoga Road, Glenmoore, PA 19343 (US). **MARRA, Andrea**; 280 Waverly Street, Menlo Park, CA 94025 (US).
- (74) **BLOOM, Allen**; Dechert Price & Rhoads, 4000 Bell Atlantic Tower, 1717 Arch Street, Philadelphia, PA 19103-2793 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C12P 21/06, 21/04, C12N 15/74, 5/00, 5/02, 1/20, 15/00, 15/09, 15/63, 15/70, C07K 1/00, 14/00, 17/00, C07H 21/04**
- (11) **WO 00/70076** (13) A1
- (21) PCT/US00/13504
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 60/135,122 **19 May/mai 1999** US (19.05.1999)
- (30) 60/137,797 **3 Jun/juin 1999** US (03.06.1999)
- (30) 60/138,573 **11 Jun/juin 1999** US (11.06.1999)
- (30) 60/149,447 **18 Aug/août 1999** US (18.08.1999)
- (30) 60/178,770 **28 Jan/jan 2000** US (28.01.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **TM4SF RECEPTORS**  
• **RECEPTEURS TM4SF**
- (71) **HUMAN GENOME SCIENCES, INC.** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RUBEN, Steven, M.** [US/US]; 18528 Heritage Hills Drive, Olney, MD 20832 (US). **NI, Jian** [CN/US]; 5502 Manorfield Road, Rockville, MD 20853 (US). **FAN, Ping** [CN/US]; 13 Lake Potomac Court, Potomac, Maryland 20854 (US). **ROSCHKE, Viktor** [RU/US]; 13844 Lambertina Place, Rockville, MD 20850 (US). **SHI, Yanggu** [CN/US]; Apartment 102, 437 West Side Drive, Gaithersburg, MD 20878 (US). **KOMATSOULIS, George, A.** [US/US]; 9518 Garwood Street, Silver Spring, MD 20901 (US). **ROSEN, Craig, A.** [US/US]; 22400 Rolling Hill Road, Laytonsville, MD 20882 (US).
- (74) **HOOVER, Kenley, K.** et al. / etc.; Human Genome Sciences, Inc., 9410 Key West Avenue, Rockville, MD 20850 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **C12Q**
- (11) **WO 00/70077** (13) A2
- (21) PCT/US00/13577
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 60/134,879 **19 May/mai 1999** US (19.05.1999)
- (30) 09/572,147 **17 May/mai 2000** US (17.05.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **POLYNUCLEOTIDE AND POLYPEPTIDE SEQUENCES ENCODING MURINE ORGANIC ANION TRANSPORTER 5 (mOATP5) AND SCREENING METHODS THEREOF**
- **SEQUENCES POLYNUCLEOTIDIQUES ET POLYPEPTIDIQUES CODANT LE TRANSPORTEUR D'ANION ORGANIQUE MURIN 5 (MOATP5) ET PROCEDES DE CRIBLAGE CORRESPONDANTS**
- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). **SMITHKLINE BEECHAM PLC** [GB/GB]; New Horizons Court, Great West Road, Brentford, Middlesex TW8 9EP (GB).
- (72) **FEILD, John**; 610 Mallard Terrace, Wayne, PA 19087 (US). **YUE, Lin**; 63 Flintlock Lane, Phoenixville, PA 19460 (US). **ELLEN, Harma**; 1527 Sheridan Lane, Norristown, PA 19403 (US).
- (74) **ANDERSEN, Robert, L.** et al. / etc.; Ratner & Prestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C12Q 1/00**
- (11) **WO 00/70078** (13) A2
- (21) PCT/EP00/04289
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) de (26) de
- (30) 199 21 999.0 **12 May/mai 1999** DE (12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **DEVICE AND METHOD FOR MONITORING AND CONTROLLING BIOLOGICALLY ACTIVE FLUIDS**  
• **DISPOSITIF ET PROCEDE DE SURVEILLANCE ET DE CONTROLE DE FLUIDES A ACTIVITE BIOLOGIQUE**
- (71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, D-80636 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HÖFLER, Thomas** [DE/DE]; Heersstrasse 101, D-70563 Stuttgart (DE). **HOLZHAUER, Peter** [DE/DE]; Tannenbergrasse 84, D-70374 Stuttgart (DE). **WALITZA, Eckerhard** [DE/DE]; Ludwigstrasse 32, D-73430 Aalen (DE).
- (74) **SCHRELL, Andreas** et al. / etc.; Maybachstrasse 6A, D-70469 Stuttgart (DE).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C12Q 1/00, 1/44, G01N 31/00, 33/52, 33/53, 33/54, 33/58, 33/566, 33/577**
- (11) **WO 00/70079** (13) A1
- (21) PCT/US00/12863
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 09/311,797 **13 May/mai 1999** US (13.05.1999)

- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● HIGH THROUGHPUT ASSAY FOR MODULATORS OF NUCLEAR RECEPTORS  
● DOSAGE A HAUT RENDEMENT POUR DES MODULATEURS DE RECEPTEURS NUCLEAIRES
- (71) **ORTHO-MCNEIL PHARMACEUTICAL, INC.** [US/US]; US Route 202, Raritan, NJ 08869 (US).
- (72) **ALLAN,, George, F.**; 18 Fawn Run, Trenton, NJ 08806 (US). **CLANCY, Joanna**; 41 Avalon Road, Trenton, NJ 08638 (US). **HUTCHINS, Amy**; 1821 Springtown Road, Alpha, NJ 08865 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C12Q 1/02, 1/70, G01N 33/573, A61K 49/00, A01N 63/00**
- (11) **WO 00/70081** (13) A1  
(21) PCT/US00/12638  
(22) **10 May/mai 2000 (10.05.2000)**  
(25) en (26) en  
(30) 60/134,163 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● DETECTION OF VIRAL STABILITY  
● DETECTION DE STABILITE VIRALE
- (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) **BLUE, Jeffrey, T.** [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) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>6</sup> **C12Q 1/00**
- (11) **WO 00/70080** (13) A1  
(21) PCT/US00/13294  
(22) **11 May/mai 2000 (11.05.2000)**  
(25) en (26) en  
(30) 60/134,472 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● FOCUSING OF MICROPARTICLES IN MICROFLUIDIC SYSTEMS  
● FOCALISATION DE MICROPARTICULES DANS DES SYSTEMES MICROFLUIDIQUES
- (71) **CALIPER TECHNOLOGIES CORP.** [US/US]; 605 Fairchild Drive, Mountain View, CA 94043 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WADA, H., Garrett** [US/US]; 55 Victoria Drive, Atherton, CA 94027 (US). **KOPF-SILL, Anne, R.** [US/US]; 30 Minoca Road, Portola Valley, CA 94028 (US). **ALAJOKI, Marja, Liisa** [FI/US]; 2774 Randers Court, Palo Alto, CA 94306 (US). **PARCE, J., Wallace** [US/US]; 754 Los Robles Avenue, Palo Alto, CA 94306 (US). **WANG, Benjamin, N.** [US/US]; 474 Ramsell Street, San Francisco, CA 94132 (US). **CHOW, Andrea, W.** [US/US]; 670 Cuesta Drive, Los Altos, CA 94024 (US). **DUBROW, Robert, S.** [US/US]; 766 Orange Avenue, San Carlos, CA 94070 (US).
- (74) **QUINE, Jonathan, Alan**; The Law Offices of Jonathan Alan Quine, P.O. Box 458, Alameda, CA 94501 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C12Q 1/48**
- (11) **WO 00/70082** (13) A1  
(21) PCT/GB00/01771  
(22) **9 May/mai 2000 (09.05.2000)**  
(25) en (26) en  
(30) 9911095.9 **13 May/mai 1999 GB (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● CELL ASSAY, METHOD AND REAGENTS  
● DOSAGE CELLULAIRE, METHODE ET REACTIFS
- (71) **THE SECRETARY OF STATE FOR DEFENCE** [GB/GB]; Defence Evaluation and Research Agency, Ively Road, Farnborough, Hampshire GU14 0LX (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SQUIRELL, David, James** [GB/GB]; CBD Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). **MURPHY, Melenie, Jane** [GB/GB]; CBD Porton Down, Salisbury, Wiltshire SP4 0JQ (GB). **PRICE, Rachel,**
- Louise** [GB/GB]; CBD Porton Down, Salisbury, Wiltshire SP4 0JQ (GB).
- (74) **BOWDERY, A., O.**; D/IPR, Formalities Section, Poplar 2, MOD Abbey Wood #19, Bristol BS34 8JH (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> **C12Q 1/48, 1/00, 1/02, 1/04**
- (11) **WO 00/70083** (13) A1  
(21) PCT/US00/12558  
(22) **9 May/mai 2000 (09.05.2000)**  
(25) en (26) en  
(30) 60/134,700 **12 May/mai 1999 US (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ASSAY FOR MYELOSUPPRESSION BY FARNESYL TRANSFERASE INHIBITORS  
● DOSAGE DESTINE A LA MYELOSUPPRESSION PAR DES INHIBITEURS DE FARNESYL TRANSFERASE
- (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) **DAVIDE, Joseph, P.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **LOBELL, Robert, B.** [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) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C12Q 1/56**
- (11) **WO 00/70084** (13) A1  
(21) PCT/US00/13664  
(22) **18 May/mai 2000 (18.05.2000)**  
(25) en (26) en  
(30) 09/314,841 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● PREPARATION OF STABLE LIQUID AND DRIED SYNTHETIC PROTHROMBIN TIME REAGENTS

- PREPARATION DE REACTIFS DE SYNTHÈSE STABLES LIQUIDES OU SECS POUR TEMPS DE THROMBOPLASTINE
- (71) **INTERNATIONAL TECHNIDYNE CORPORATION** [US/US]; 8 Olsen Avenue, Edison, NJ 08820 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEE, Ted, C., K.** [US/US]; 6 Yardley Manor Drive, Matawan, NJ 07747 (US).
- (74) **PLEVY, Arthur, L.**; Buchanan Ingersoll PC, 650 College Road East, Princeton, NJ 08540 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C12Q 1/68**
- (11) **WO 00/70086** (13) A1
- (21) PCT/IE00/00066
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) PCT/IE99/00043 **14 May/mai 1999 (14.05.1999)** IE
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • NUCLEIC ACID PROBE-BASED DIAGNOSTIC ASSAYS FOR PROKARYOTIC AND EUKARYOTIC ORGANISMS
- DOSAGES DIAGNOSTIQUES D'ACIDES NUCLEIQUES PAR SONDE POUR ORGANISMES PROCARYOTES ET EUKARYOTES
- (71) **ENTERPRISE IRELAND (trading as BioResearch Ireland)** [IE/IE]; Glasnevin, Dublin 9 (IE). **NATIONAL UNIVERSITY OF IRELAND, GALWAY** [IE/IE]; University Road, Galway (IE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARRY, Thomas, Gerard** [IE/IE]; The Quay, Kinvara, County Galway (IE). **SMITH, Terence, James** [IE/IE]; 18 Hawthorne Place, Clybaun Road, Galway (IE).
- (74) **ANNE RYAN & CO.**; 60 Northumberland Road, Ballsbridge, Dublin 4 (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C12Q 1/68**
- (11) **WO 00/70085** (13) A2
- (21) PCT/DE00/01444
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) de (26) de
- (30) 199 22 052.2 **14 May/mai 1999 (14.05.1999)** DE
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR DETECTING THE EFFECT OF DIFFERENT CHEMOTHERAPEUTIC AGENTS AND/OR RADIATION THERAPY IN MALIGNANT DISEASES AND METHOD FOR SELECTING MORE EFFECTIVE THERAPEUTIC AGENTS FOR THE THERAPY THEREOF
- PROCEDE POUR DETERMINER L'EFFET DE DIFFERENTS AGENTS CHIMIOOTHERAPEUTIQUES ET/OU D'UNE RADIOTHERAPIE SUR DES AFFECTIONS MALIGNES, ET PROCEDE DE SELECTION D'AGENTS THERAPEUTIQUES ACTIFS POUR LE TRAITEMENT DE CES AFFECTIONS
- (71) **THERAGEN MOLEKULARMEDIZINISCHE INFORMATIONSSYSTEME AG** [DE/DE]; Robert-Rössle-Str. 10, D-13125 Berlin (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DANIEL, Peter** [DE/DE]; Treiberpfad 14, D-13469 Berlin (DE). **HILLEBRAND, Timo** [DE/DE]; Bansiner Str. 60, D-12619 Berlin (DE). **DÖRKEN, Bernd** [DE/DE]; Lyckallee 47, D-14055 Berlin (DE). **BENDZKO, Peter** [DE/DE]; Ifflandstr. 32, D-12623 Berlin (DE).
- (74) **BAUMBACH, Fritz**; Robert-Rössle-Str. 10, D-13125 Berlin (DE).
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • AUTOMATED NUCLEIC ACID COMPACTION DEVICE
- DISPOSITIF AUTOMATISE DE COMPACTAGE D'ACIDE NUCLEIQUE
- (71) **COPERNICUS THERAPEUTICS, INC.** [US/US]; Suite 105, 25800 Science Park Drive, Beachwood, OH 44122 (US).
- (72) **CASAL, Hector, L.**; 18918 Lomond Boulevard, Shaker Heights, OH 44122 (US). **COOPER, Mark, J.**; 5100 Boulder Creek Drive, Solon, OH 44139 (US). **KOWALCZYK, Tomasz, H.**; 2437 Eaton Road, University Heights, OH 44118 (US). **PASUMARTHY, Murali, Krishna**; 27500 Bishop Park Drive #W418, Willoughby Hills, OH 44092 (US). **PERALES, Jose, C.**; c/o Gran de Gracia, 140.20.2a, E-08012 Barcelona (ES).
- (74) **HONG, Patricia, E.** et al. / etc.; Banner & Witcoff, Ltd., Eleventh Floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).
- (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C12Q 1/68, G01N 33/53, B01J 19/00**
- (11) **WO 00/70088** (13) A2
- (21) PCT/US00/12729
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 09/312,095 **12 May/mai 1999 (12.05.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • IMMOBILIZATION OF UNMODIFIED BIOPOLYMERS TO ACYL FLUORIDE ACTIVATED SUBSTRATES
- IMMOBILISATION DE BIOPOLYMERES NON MODIFIES SUR DES SUBSTRATS ACTIVES PAR FLUORURE D'ACYLE
- (71) **BECKMAN COULTER, INC.** [US/US]; 4300 N. Harbor Boulevard, P.O. Box 3100, Fullerton, CA 92834-3100 (US).
- (72) **MATSON, Robert, S.**; 8324 E. Candleberry Circle, Orange, CA 92869 (US). **MILTON, Raymond, C.**; 2210 Topaz Avenue, La Habra, CA 90631 (US).
- (74) **MAY, William, H.** et al. / etc.; Beckman Coulter, Inc., 4300 N. Harbor Boulevard, P.O. Box 3100, Fullerton, CA 92834-3100 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C12Q 1/68, C12M 1/00, 1/36, C07H 21/02**
- (11) **WO 00/70087** (13) A1
- (21) PCT/US00/11770
- (22) **2 May/mai 2000 (02.05.2000)**
- (25) en (26) en
- (30) 09/311,553 **14 May/mai 1999 (14.05.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (51)<sup>7</sup> **C12Q 1/68**
- (11) **WO 00/70089** (13) A1
- (21) PCT/US00/12893
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/311,551 **14 May/mai 1999 (14.05.1999)** US

- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CDX2 IS DOWNSTREAM MEDIATOR OF APC TUMOR SUPPRESSOR ACTIVITY  
• LE CDX2 EN TANT QUE MEDIATEUR AVAL DE L'ACTIVITE SUPPRESSIVE DE TUMEURS DE LA POLYPOSE RETRO-COLIQUE FAMILIALE
- (63) US 09/311,551 (CON)  
14 May/mai 1999 (14.05.1999)
- (71) **THE JOHNS HOPKINS UNIVERSITY** [US/US]; Suite 906, 111 Market Street, Baltimore, MD 21202 (US).  
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- (72, 75) **DACOSTA, Luis** [PT/US]; 6141 Good Hunter Ride, Columbia, MD 21045 (US). **VOGELSTEIN, Bert** [US/US]; 3700 Breton Way, Baltimore, MD 21208 (US). **KINZLER, Kenneth, W.** [US/US]; 1403 Halkirk Way, BelAir, MD 21015 (US). **HE, Tong-Chuan** [US/US]; 6019 S. Ingleside Avenue, Chicago, IL 60637 (US).
- (74) **KAGAN, Sarah, A.** et al. / etc.; Banner & Witcoff, Ltd., Eleventh Floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> C12Q 1/68  
(11) **WO 00/70090** (13) A1  
(21) PCT/US00/13029  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) en (26) en  
(30) 09/311,912 **14 May/mai 1999 US (14.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PROCESS FOR HIGH THROUGHPUT DNA METHYLATION ANALYSIS  
• PROCEDE D'ANALYSE A HAUT RENDEMENT DE LA METHYLATION D'ADN
- (71) **UNIVERSITY OF SOUTHERN CALIFORNIA** [US/US]; 3716 South Hope Street, Los Angeles, CA 90007-4344 (US).
- (72) **LAIRD, Peter, W.**; 649 Forest Avenue, South Pasadena, CA 91030 (US). **EADS, Cindy, A.**; 635 Prospect Street #B15, South Pasadena, CA 91010 (US). **DANENBERG, Kathleen, D.**; 3367 Rubio Crest Drive, Altadena, CA 91001 (US).
- (74) **OSTER, Jeffrey, B.**; Davis Wright Tremaine LLP, 2600 Century Square, 1501 4th Avenue, Seattle, WA 98101-1688 (US).
- (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)<sup>7</sup> C12Q 1/68, C12P 19/34, C07H 21/00, 21/02, 21/04, A01N 43/04  
(11) **WO 00/70091** (13) A1  
(21) PCT/US00/13170  
(22) **11 May/mai 2000 (11.05.2000)**  
(25) en (26) en  
(30) 09/313,930 **18 May/mai 1999 US (18.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ANTISENSE OLIGONUCLEOTIDE MODULATION OF HUMAN PROTEIN KINASE C- $\delta$  EXPRESSION  
• MODULATION OLIGONUCLEOTIDIQUE ANTISENS DE L'EXPRESSION DE LA PROTEINE KINASE C- $\delta$  HUMAINE
- (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) **DEAN, Nicholas, M.** [US/US]; 2110 Whisperwind Lane, Olivenheim, CA 92024 (US).
- (74) **LICATA, Jane, Massey** et al. / etc.; Law Offices of Jane Massey Licata, 66 E. Main Street, Marlton, NJ 08053 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> C12Q 1/68  
(11) **WO 00/70092** (13) A1  
(21) PCT/US00/13173  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) en (26) en  
(30) 60/134,112 **14 May/mai 1999 US (14.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • EXPRESSION OF ETS-DOMAIN PROTEINS IN CANCER  
• EXPRESSION DE PROTEINES DU DOMAINE ETS DANS LE CANCER
- (71) **CHIRON CORPORATION** [US/US]; 4560 Horton Street-R440, Emeryville, CA 94608 (US).  
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- (72, 75) **KAUFMANN, Joerg** [DE/US]; 3024 Fulton Street, #D, Berkeley, CA 94705 (US). **XIN, Hong** [-/-]; **-HARROWE, Greg** [US/US]; 711 Buchanan Street, Albany, CA 94706 (US).
- (74) **BLACKBURN, Robert, P.**; Chief Patent Counsel, Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> C12Q 1/68, C07H 21/00  
(11) **WO 00/70093** (13) A1  
(21) PCT/US00/13185  
(22) **11 May/mai 2000 (11.05.2000)**  
(25) en (26) en  
(30) 09/311,113 **13 May/mai 1999 US (13.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ARRAYS WITH MODIFIED OLIGONUCLEOTIDE AND POLYNUCLEOTIDE COMPOSITIONS  
• JEU D'ECHANTILLONS COMPRENANT DES COMPOSITIONS D'OLIGONUCLEOTIDES ET DE POLYNUCLEOTIDES MODIFIES
- (71) **OLIGOS ETC. INC.** [US/US]; Building C6, 9775 SW Commerce Circle, Wilsonville, OR 97070 (US).  
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- (72, 75) **DALE, Roderic, M., K.** [US/US]; 26761 SW 45th Drive, Wilsonville, OR 97070 (US).
- (74) **DEVORE, Dianna, L.**; Bozicevic, Field & Francis LLP, Suite 200, 200 Middlefield Road, Menlo Park, CA 94025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)



(51)<sup>7</sup> C12Q 1/68, 1/70, G01N 21/64, 33/00, 33/53, 33/531, 33/533, 33/543, C07H 21/02, 21/04, C12N 15/00, B05D 1/18, B01J 13/00

(11) WO 00/70094 (13) A1

(21) PCT/US00/13197

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 09/311,428 13 May/mai 1999 US (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHODS FOR PREDICTING PREGNANCY OUTCOME IN A SUBJECT BY hCG ASSAY

● PROCEDE POUR PREVOIR LA CONCLUSION D'UNE GROSSESSE CHEZ UN SUJET PAR DOSAGE DE LA GONADOTROPHINE CHORIONIQUE HUMAINE (HCG)

(63) US 09/311,428 (CIP) 13 May/mai 1999 (13.05.1999)

(71) THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; West 116th Street and Broadway, New York, NY 10027 (US).  
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(72, 75) O'CONNOR, John [US/US]; Apartment 1A, 781 Pelham Road, New Rochelle, NY 10850 (US). BIRKEN, Steven [US/US]; 120 Oneida Avenue, Dumont, NJ 07628 (US). KOVALEVSKAYA, Galina [RU/US]; Apartment 7H, 629 Kappock Street, New York, NY 10463 (US).

(74) WHITE, John, P.; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q 1/68

(11) WO 00/70095 (13) A2

(21) PCT/US00/13526

(22) 16 May/mai 2000 (16.05.2000)

(25) en (26) en

(30) 09/313,240 17 May/mai 1999 US (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● HOMOGENEOUS ISOTHERMAL AMPLIFICATION AND DETECTION OF NUCLEIC ACIDS USING A TEMPLATE SWITCH OLIGONUCLEOTIDE  
● AMPLIFICATION ISOTHERMIQUE HOMOGENE ET DETECTION

D'ACIDES NUCLEIQUES UTILISANT UN OLIGONUCLEOTIDE DE COMMUTATION DE MATRICE

(71) DADE BEHRING INC. [US/US]; 1717 Deerfield Road, Deerfield, IL 60015 (US).

(72) KURN, Nurith; 2876 Ramona, Palo Alto, CA 94306 (US). LIU, Yen, Ping; 11525 Sunset Spring Court, Cupertino, CA 95014 (US).

(74) RUSZALA, Lois, K.; Dade Behring Inc., 1717 Deerfield Road, Deerfield, IL 60015 (US) et al. / etc.

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> C12Q 1/68

(11) WO 00/70096 (13) A2

(21) PCT/US00/13655

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 60/134,711 18 May/mai 1999 US (18.05.1999)

(30) 09/468,670 21 Dec/déc 1999 US (21.12.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHODS OF DETECTING COLORECTAL DISEASE  
● METHODES DE DEPISTAGE DE PATHOLOGIES COLO-RECTALES

(71) EXACT LABORATORIES, INC. [US/US]; 63 Great Road, Maynard, MA 01754 (US).

(72) LAKEN, Steven; 38 Lawrence Street, Pepperell, MA 01463 (US).

(74) CAMACHO, Jennifer, A.; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> C12Q 1/68

(11) WO 00/70097 (13) A2

(21) PCT/US00/13782

(22) 19 May/mai 2000 (19.05.2000)

(25) en (26) en

(30) 09/314,534 19 May/mai 1999 US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● PROFILE SEARCHING IN NUCLEIC ACID SEQUENCES USING THE FAST FOURIER TRANSFORMATION

(63) US 09/314,534 (CIP) 19 May/mai 1999 (19.05.1999)

(71) AVENTIS PHARMACEUTICALS INC. [GB/US]; Route 202-206, P.O. Box 6800, Bridgewater, NJ 08807-0800 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEWELL, William [US/US]; 700 Huron Avenue, Apartment 13C, Cambridge, MA 02138 (US).

(74) ELRIFI, Ivor, R.; Mintz, Levin, Cohn, Ferris, Glovksy and Popeo, P.C., One Financial Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q 1/68

(11) WO 00/70098 (13) A1

(21) PCT/US00/13789

(22) 19 May/mai 2000 (19.05.2000)

(25) en (26) en

(30) 09/314,698 19 May/mai 1999 US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● MICROARRAY-BASED SUBTRACTIVE HYBRIDIZATION  
● HYBRIDATION SOUSTRACTIVE BASSUR DES MICRO-ENSEMBLES

(63) US 09/314,698 (CIP) 19 May/mai 1999 (19.05.1999)

(71) AVENTIS PHARMACEUTICALS INC. [US/US]; Route 202-206, P.O. Box 6800, Bridgewater, NJ 08807-0800 (US).  
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(72, 75) PERRIN, Steven [US/US]; 120 Adams Avenue, Newton, MA 02465 (US). CALL, Katherine [US/US]; 99 Woodland Road, Malden, MA 02148 (US). CONNOLLY, Timothy [US/US]; 74 Pond Street, Belmont, MA 02178 (US).

(74) ELRIFI, Ivor, R.; Mintz, Levin, Cohn, Ferris, Glovksy, and Popeo, P.C., One Financial Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C12Q 1/68, C12N 5/10

(11) WO 00/70099 (13) A2

(21) PCT/US00/13951

- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 60/134,790 **19 May/mai 1999 US (19.05.1999)**
- (30) 09/574,613 **18 May/mai 2000 US (18.05.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DIFFERENTIAL GENE EXPRESSION IN SPECIFIC REGIONS OF THE BRAIN IN NEURODEGENERATIVE DISEASES  
• EXPRESSION GENIQUE DIFFERENTE DANS DES REGIONS SPECIFIQUES DU CERVEAU, DANS DES MALADIES NEURODEGENERATIVES
- (71) **MITOKOR** [US/US]; 11494 Sorrento Valley Road, San Diego, CA 92121 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HWANG, Jung-Joo** [KR/US]; #4, 3773 Carmel View Road, San Diego, CA 92130 (US). **BECKER, K., David** [US/US]; 12056 Mannix Road, San Diego, CA 92129 (US). **DAVIS, Robert, E.** [US/US]; 13272 Glencliff Way, San Diego, CA 92130 (US).
- (74) **ROSENMAN, Stephen, J.** 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 BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C12Q 1/70, C12N 15/00**
- (11) **WO 00/70100** (13) A1
- (21) PCT/US00/13292
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,286 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SURFACE DISPLAY OF SELENOCYSTEINE-CONTAINING PEPTIDES  
• PRESENTATION A LA SURFACE DE PEPTIDES CONTENANT DE LA SELENOCYSTEINE
- (71) **NEW ENGLAND BIOLABS, INC.** [US/US]; 32 Tozer Road, Beverly, MA 01915 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SANDMAN, Karen, E.** [US/US]; 33 Shawnee Road, Arlington, MA 02476 (US).
- NOREN, Christopher, J.** [US/US]; 39 Adams Road, Boxford, MA 01921 (US).
- (74) **WILLIAMS, Gregory, D.**; New England Biolabs, Inc., 32 Tozer Road, Beverly, MA 01915 (US).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C21B 13/14, 13/00, C22B 7/02, C21C 5/56, C21B 13/12**
- (11) **WO 00/70101** (13) A1
- (21) PCT/EP00/02702
- (22) **28 Mar/mar 2000 (28.03.2000)**
- (25) de (26) de
- (30) A 865/99 **14 May/mai 1999 AT (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND INSTALLATION WITH SMELTING AND REDUCTION CYCLONE AND A COUPLED LOWER FURNACE FOR UTILISING RESIDUAL MATERIAL CONTAINING IRON AND HEAVY METALS AND OPTIONALLY IRON ORE  
• PROCEDE ET DISPOSITIF UTILISANT UN CYCLONE DE FUSION/REDUCTION ET UN FOUR INFÉRIEUR ET PERMETTANT DE VALORISER DES MATIÈRES RESIDUELLES CONTENANT DU FER ET DES METAUX LOURDS ET/OU DES FINES DE MINÉRAI DE FER
- (71) **VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH** [AT/AT]; Turmstrasse 44, A-4020 Linz (AT).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PESL, Josef** [AT/AT]; Ematen 6, A-5722 Niedernsill (AT). **SAUERT, Fried** [DE/AT]; Meggauerstrasse 22, A-4020 Linz (AT). **FLEISCHANDERL, Alexander** [AT/AT]; Almeggstrasse 673, A-4645 Grünau (AT).
- (74) **RIEBERER, Stefan**; VA TECH Patente GmbH, Stahlstrasse 21a, A-4020 Linz (AT).
- (81) BR CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C21C 5/52, F23D 14/60, 14/22, 14/32**
- (11) **WO 00/70102** (13) A1
- (21) PCT/EP00/04158
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) de (26) de
- (30) 199 22 509.5 **15 May/mai 1999 DE (15.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DEVICE AND METHOD FOR SPRAYING NATURAL GAS AND/OR OXYGEN  
• DISPOSITIF ET PROCEDE POUR LA PULVERISATION DE GAZ NATUREL ET/OU D'OXYGENE
- (71) **MESSER GRIESHEIM GMBH** [DE/DE]; Frankfurt Airport Center 1, C9, Hugo-Eckener-Ring, D-60547 Frankfurt am Main (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FRANKE, Heinz** [DE/DE]; Ploener Weg 9, D-47829 Krefeld (DE). **GRETER, Heinz** [DE/DE]; Klever Strasse 72, D-47839 Krefeld (DE).
- (81) CN CZ MX SK US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C22B 15/00**
- (11) **WO 00/70103** (13) A1
- (21) PCT/FI00/00396
- (22) **4 May/mai 2000 (04.05.2000)**
- (25) en (26) en
- (30) 991110 **14 May/mai 1999 FI (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND EQUIPMENT FOR SMELTING NON-FERROUS METAL SULPHIDES IN A SUSPENSION SMELTING FURNACE IN ORDER TO PRODUCE MATTE OF A HIGH NON-FERROUS METAL CONTENT AND DISPOSABLE SLAG  
• PROCEDE ET MATERIEL DE FONTE DE SULFURES DE METAUX NON FERREUX, DANS UN FOUR DE FONTE EN SUSPENSION, AUX FINS DE PRODUCTION D'UNE MATTE A LAITIER JETABLE ET A TENEUR EN METAUX NON FERREUX
- (71) **OUTOKUMPU OYJ** [FI/FI]; Riihitontuntie 7, FIN-02200 Espoo (FI).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KOJO, Ilkka** [FI/FI]; Malmen 140, FIN-02430 Masala (FI). **KYTÖ, Markku** [FI/FI]; Tornitaso 2B, FIN-02100 Espoo (FI).
- (74) **OUTOKUMPU OYJ**; Patent Services, P.O. Box 27, FIN-02201 Espoo (FI).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> **C22B 15/00, 23/00**
- (11) **WO 00/70104** (13) A1
- (21) PCT/FI00/00406
- (22) **8 May/mai 2000 (08.05.2000)**
- (25) en (26) en

- (30) 991109 **14 May/mai 1999** FI  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR REDUCING NON-FERROUS METAL CONTENT IN SLAG IN THE PRODUCTION OF NON-FERROUS METALS OCCURRING IN SUSPENSION SMELTING FURNACE  
• PROCEDE DE REDUCTION DE LA TENEUR DES SCORIES EN METAL NON FERREUX LORS DE LA PRODUCTION DE METAUX NON FERREUX DANS UN FOUR DE FUSION A SUSPENSION
- (71) **OUTOKUMPU OYJ** [FI/FI]; Riihitontuntie 7, FIN-02200 Espoo (FI).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HANNIALA, Pekka** [FI/FI]; Runkotie 1 D, FIN-02730 Espoo (FI). **KOJO, Ilkka** [FI/FI]; Malmen 140, FIN-02430 Masala (FI). **SAARINEN, Risto** [FI/FI]; Niittykuja 2 A 25, FIN-02200 Espoo (FI).
- (74) **OUTOKUMPU OYJ**; Patent Services, P.O. Box 27, FIN-02201 Espoo (FI).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **C22C 19/03, C22F 1/10**
- (11) **WO 00/70105** (13) A1
- (21) PCT/US00/13151
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/312,089 **15 May/mai 1999** US  
(15.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • EYEGLASSES AND PARTS THEREOF USING SHAPE MEMORY ALLOYS  
• LUNETTES ET PARTIES DE LUNETTES FABRIQUEES A PARTIR D'ALLIAGES A MEMOIRE DE FORME
- (71) **MEMORY CORPORATION** [US/US]; 57 Commerce Street, Brookfield, CT 06804 (US).
- (74) **COHEN, Jerry** et al. / etc.; Perkins, Smith & Cohen, LLP, 30th floor, One Beacon Street, Boston, MA 02108-3106 (US).
- (81) CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C22C 19/07, G11B 5/64, 5/851, H01F 10/16, 41/18, C23C 14/34**
- (11) **WO 00/70106** (13) A1
- (21) PCT/JP00/03062
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) ja (26) ja
- (30) 11/135038 **14 May/mai 1999** JP  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MAGNETIC ALLOY AND MAGNETIC RECORDING MEDIUM AND METHOD FOR PREPARATION THEREOF, AND TARGET FOR FORMING MAGNETIC FILM AND MAGNETIC RECORDING DEVICE  
• ALLIAGE MAGNETIQUE, SUPPORT D'ENREGISTREMENT MAGNETIQUE ET PROCEDE DE LEUR FABRICATION, ET CIBLE POUR FORMATION DE FILM MAGNETIQUE ET DISPOSITIF D'ENREGISTREMENT MAGNETIQUE
- (71, 72) **TAKAHASHI, Migaku** [JP/JP]; 20-2, Hitokita 2-chome, Taihaku-ku, Sendai-shi, Miyagi 982-0222 (JP).
- (74) **SHIGA, Masatake** et al. / etc.; OR Building, 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).
- (81) CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C22C 38/00, 38/46, 38/44, C21D 6/00, 6/02**
- (11) **WO 00/70107** (13) A1
- (21) PCT/CZ00/00035
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) de (26) de
- (30) PV 1752-99 **17 May/mai 1999** CZ  
(17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • STEEL FOR HEAT-RESISTANT AND/OR HIGH-TENSILE FORMED PARTS  
• ACIERS POUR PIECES OBTENUES PAR FORMAGE RESISTANTES A LA CHALEUR OU A HAUTE RESISTANCE
- (71) **JINPO PLUS, A.S.** [CZ/CZ]; 28. října 168, 709 00 Ostrava - Mar. Hory (CZ).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FOLDYNA, Václav** [CZ/CZ]; U Prodejny 23, 705 00 Ostrava (CZ). **PRNKA, Tasilo** [CZ/CZ]; Květná 441, 736 21 Slavičín (CZ). **JAKOBOVÁ, Anna** [CZ/CZ]; Studentská 1771, 700 30 Ostrava (CZ). **PURMENSKY, Jaroslav** [CZ/CZ]; Stádická 1771, 700 30 Ostrava (CZ). **PĚTROŠ, Kamil** [CZ/CZ]; Mjr. Nováka 5, 705 00 Ostrava (CZ). **SHELLONG, Tomáš** [CZ/CZ]; Hornická 1322/16 c, 735 64 Havřířov (CZ).
- (74) **BURSIK, Milan**; Plzenská 218, 150 00 Praha 5 (CZ).
- (81) AU BG BR CA CN EE HR HU ID IL IN JP KR LT LV MX PL RO RU SI SK TR UA US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **C22C 38/00**
- (11) **WO 00/70108** (13) A1
- (21) PCT/JP00/03063
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) ja (26) ja
- (30) 11/132017 **12 May/mai 1999** JP  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MATERIAL FOR SHADOW MASK, SHADOW MASK AND COLOR IMAGE RECEIVING TUBE HAVING THE SHADOW MASK INCORPORATED THEREIN  
• MATERIAU POUR MASQUE PERFORE, MASQUE PERFORE ET TUBE DE RECEPTION D'IMAGES COULEURS COMPORTANT CE MASQUE PERFORE
- (71) **TOYO KOHAN CO., LTD.** [JP/JP]; 2-12, Yonbancho, Chiyoda-ku, Tokyo 102-8447 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **IDE, Tsuneyuki** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). **MIYAZAKI, Takahiko** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). **SHIGEMASA, Susumu** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). **TAHARA, Yasuo** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). **OKAYAMA, Hironao** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP).
- (74) **OHTA, Akio**; Toyo Kohan Co., Ltd., 2-12, Yonbancho, Chiyoda-ku, Tokyo 102-8447 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C22C 38/00

(11) WO 00/70109 (13) A1

(21) PCT/JP00/03064

(22) 12 May/mai 2000 (12.05.2000)

(25) ja (26) ja

(30) 11/134792 14 May/mai 1999 JP  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MATERIAL FOR SHADOW MASK FOR COLOR IMAGE RECEIVING TUBE, METHOD FOR PRODUCTION THEREOF, SHADOW MASK, AND IMAGE RECEIVING TUBE

• MATERIAU POUR MASQUE PERFORE DESTINE A UN TUBE DE RECEPTION D'IMAGES COULEURS, SON PRECEDE DE PRODUCTION, MASQUE PERFORE ET TUBE DE RECEPTION D'IMAGES

(71) TOYO KOHAN CO., LTD. [JP/JP]; 2-12, Yonbancho, Chiyoda-ku, Tokyo 102-8447 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IDE, Tsuneyuki [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). MIYAZAKI, Takahiko [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). SHIGEMASA, Susumu [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). TAHARA, Yasuo [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP).

(74) OHTA, Akio; Toyo Kohan Co., Ltd., 2-12, Yonbancho, Chiyoda-ku, Tokyo 102-8447 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C22C 38/00

(11) WO 00/70110 (13) A1

(21) PCT/JP00/03065

(22) 12 May/mai 2000 (12.05.2000)

(25) ja (26) ja

(30) 11/134904 14 May/mai 1999 JP  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MATERIAL FOR SHADOW MASK FOR COLOR IMAGE RECEIVING TUBE, METHOD FOR PRODUCTION THEREOF, SHADOW MASK, AND IMAGE RECEIVING TUBE

• MATERIAU POUR MASQUE PERFORE DESTINE A UN TUBE DE RECEPTION D'IMAGES COULEURS, SON PRECEDE DE PRODUCTION, MASQUE PERFORE ET TUBE DE RECEPTION D'IMAGES

(71) TOYO KOHAN CO., LTD. [JP/JP]; 2-12, Yonbancho, Chiyoda-ku, Tokyo 102-8447 (JP).

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

(72, 75) IDE, Tsuneyuki [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). MIYAZAKI, Takahiko [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). SHIGEMASA, Susumu [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). TAHARA, Yasuo [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP).

(74) OHTA, Akio; Toyo Kohan Co., Ltd., 2-12, Yonbancho, Chiyoda-ku, Tokyo 102-8447 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C22C 38/00

(11) WO 00/70111 (13) A1

(21) PCT/JP00/03066

(22) 12 May/mai 2000 (12.05.2000)

(25) ja (26) ja

(30) 11/134980 14 May/mai 1999 JP  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MATERIAL FOR SHADOW MASK FOR COLOR IMAGE RECEIVING TUBE, METHOD FOR PRODUCTION THEREOF, SHADOW MASK, AND IMAGE RECEIVING TUBE

• MATERIAU DESTINE A UN MASQUE PERFORE DE TUBE RECEPTEUR D'IMAGES EN COULEURS, PROCEDE DE PRODUCTION ASSOCIE, MASQUE PERFORE ET TUBE RECEPTEUR D'IMAGES

(71) TOYO KOHAN CO., LTD. [JP/JP]; 2-12, Yonbancho, Chiyoda-ku, Tokyo 102-8447 (JP).

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

(72, 75) IDE, Tsuneyuki [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). MIYAZAKI, Takahiko [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). SHIGEMASA, Susumu [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). TAHARA, Yasuo [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296-1, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP). SATO, Taizo [JP/JP]; Toyo Kohan Co., Ltd., Kudamatsu Plant, 1302, Higashitoyoi, Kudamatsu-shi, Yamaguchi 744-8611 (JP).

(74) OHTA, Akio; Toyo Kohan Co., Ltd., 2-12, Yonbancho, Chiyoda-ku, Tokyo 102-8447 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C22C 38/00

(11) WO 00/70112 (13) A1

(21) PCT/JP00/03151

(22) 17 May/mai 2000 (17.05.2000)

(25) ja (26) ja

(30) 11/137782 18 May/mai 1999 JP  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MARTENSITE STAINLESS STEEL FOR SEAMLESS STEEL TUBE

• ACIER INOXYDABLE MARTENSITIQUE POUR TUBE EN ACIER SANS SOUDURE

(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) TANIDA, Mutsumi [JP/JP]; Sumitomo Metal Industries, Ltd., Wakayama Steel Works, 1850, Minato, Wakayama-shi, Wakayama 640-8555 (JP). NAKANISHI, Tetsuya [JP/JP]; Sumitomo Metal Industries, Ltd., Wakayama Steel Works, 1850, Minato, Wakayama-shi, Wakayama 640-8555 (JP).

(74) HONOU, Terutada et al. / etc.; Honou Patent Office, Sumitomoseimei-Amagasaki Building, 17-23, Higashinaniwa-cho 5-chome, Amagasaki-shi, Hyogo 660-0892 (JP).

(81) AU CA CN JP NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> C22C 38/02, 38/34

(11) WO 00/70113 (13) A1

(21) PCT/US99/23250

(22) 5 Oct/oct 1999 (05.10.1999)

(25) en (26) en

(30) 09/313,819 18 May/mai 1999 US (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • IRON-SILICON ALLOY AND ALLOY PRODUCT, EXHIBITING IMPROVED RESISTANCE TO HYDROGEN EMBRITTLEMENT AND METHOD OF MAKING THE SAME

• ALLIAGE DE FER-SILICIUM ET PRODUIT D'ALLIAGE POSSEDANT UNE RESISTANCE ACCRUE A LA FRAGILISATION A L'HYDROGENE, ET LEUR PROCEDE DE FABRICATION

(71) THE ATRI GROUP LTD. [US/US]; 21 floor, 145 West 57 Street, New York, NY 10019 (US).

(72) GLIKLAD, Naum, I.; Apt. 20-B, 42-23 Colden Street, Flushing, NY 11355 (US). KUSLITSKIY, Avgust, B.; Apt. 401, 2750 Homecrest Avenue, Brooklyn, NY 11235 (US). KUSLITSKIY, Leonid, A.; Apt. 259, 8901 Braesmont, Houston, TX 77096 (US).

(74) AMATONG, Alberto, Q., Jr.; Fulbright & Jaworski, LLP, Suite 5100, 1301 McKinney, Houston, TX 77010 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C22C 47/12, 49/14, B22D 17/00, 19/14, C22C 23/04

(11) WO 00/70114 (13) A1

(21) PCT/JP00/03035

(22) 11 May/mai 2000 (11.05.2000)

(25) ja (26) ja

(30) 11/134184 14 May/mai 1999 JP (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PRODUCTION METHOD FOR MAGNESIUM ALLOY MEMBER

• METHODE DE PRODUCTION D'UN ELEMENT EN ALLIAGE DE MAGNESIUM

(71, 72) OISHIBASHI, Hiroji [JP/JP]; 5-6, Showamachi 1-chome, Katsuyama-shi, Fukui 911-0802 (JP).

(72, 75) MATSUDA, Yutaka [JP/JP]; 5-33, Miyayama-cho 1-chome, Toyonaka-shi, Osaka 560-0056 (JP).

(74) YAMASHITA, Johei; Yamashita & Associates, Toranomom 40th Mori Building, 13-1, Toranomom 5-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C22F 1/04, 1/05, 1/057

(11) WO 00/70115 (13) A1

(21) PCT/CA00/00558

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 60/134,372 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • HEAT TREATMENT OF FORMED ALUMINUM ALLOY PRODUCTS

• TRAITEMENT THERMIQUE DE PRODUITS EN ALLIAGE D'ALUMINIUM PROFILES

(71) ALCAN INTERNATIONAL LIMITED [CA/CA]; 1188 Sherbrooke Street West, Montreal, Québec H3A 3G2 (CA).

(72) GUPTA, Alok, Kumar; 24 Seaforth Road, Kingston, Ontario K7M 1E2 (CA). LLOYD, David, James; 106 Nicholson's Point, R.R. #3, Bath, Ontario K0H 1G0 (CA). MAROIS, Pierre, Henri; 38B Crescent Drive, Kingston, Ontario K7M 4J5 (CA).

(74) GALE, Edwin, J. et al. / etc.; Kirby, Eades, Gale, Baker, Box 3432, Station D, Ottawa, Ontario K1P 6N9 (CA).

(81) BR CA JP NO; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>6</sup> C23C 16/00, B05D 1/08, H01L 21/30

(11) WO 00/70116 (13) A1

(21) PCT/US99/11331

(22) 19 May/mai 1999 (19.05.1999)

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • LOW PRESSURE STAGNATION FLOW REACTORS WITH A FLOW BARRIER

• REACTEUR BASSE PRESSION A COURANT A STAGNATION POURVU D'UNE BARRIERE D'ECOULEMENT

(63) US 09/314,846 (CIP) 19 May/mai 1999 (19.05.1999)

(71, 72) VOSEN, Steven, R. [US/US]; 1306 Evelyn Avenue, Berkeley, CA 94702 (US).

(74) EVANS, Timothy, P.; Sandia National Laboratory, MS9141, 7011 East Avenue, Livermore, CA 94550 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> C23C 16/00, C23F 1/02

(11) WO 00/70117 (13) A1

(21) PCT/US00/12821

(22) 9 May/mai 2000 (09.05.2000)

(25) en (26) en

(30) 60/134,353 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • LOW-TEMPERATURE COMPATIBLE WIDE-PRESSURE-RANGE PLASMA FLOW DEVICE

• DISPOSITIF DE FLUX DE PLASMA A GRANDE PLAGE DE PRESSIONS COMPATIBLE A BASSE TEMPERATURE

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607 (US).

(72) BABAYAN, Steven, E.; 6182 Pacemont Drive, Huntington Beach, CA 92648 (US). HICKS, Robert, F.; 10624 Rochester Avenue, Los Angeles, CA 90024 (US).

(74) ORLER, Anthony, J.; Gates & Cooper, 6701 Center Drive West, Suite 1050, Los Angeles, CA 90045 (US).

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> C23C 16/08

(11) WO 00/70118 (13) A1

(21) PCT/US00/13406

(22) 16 May/mai 2000 (16.05.2000)

(25) en (26) en

- (30) 09/313,618 **18 May/mai 1999** US  
(18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TANTALUM AND TANTALUM-BASED FILMS FORMED USING FLUORINE-CONTAINING SOURCE PRECURSORS AND METHODS OF MAKING THE SAME  
• TANTALE ET FILMS A BASE DE TANTALE FORMES AU MOYEN DE PRECURSEURS SOURCE CONTENANT DU FLUOR ET LEURS PROCEDES DE FABRICATION
- (71) GELEST, INC. [US/US]; 612 William Leigh Drive, Tullytown, PA 19007-6308 (US). **THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK** [US/US]; State University Plaza, Albany, NY 12246 (US).
- (72) **ARKLES, Barry, C.**; 428 Bluebird Lane, Philadelphia, PA 19025 (US). **KALOYEROS, Alain, E.**; 203 Forest Haven Drive, Slingerlands, NY 12159 (US).
- (74) **CALDERONE, Lynda, L.** et al. / etc.; Akin, Gump, Strauss, Hauer & Feld, L.L.P., 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 BY 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 SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C23C 16/18, 16/06**
- (11) **WO 00/70119** (13) A1
- (21) PCT/US00/13709
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 09/314,762 **19 May/mai 1999** US  
(19.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MOCVD PROCESSES USING PRECURSORS BASED ON ORGANOMETALLOID LIGANDS  
• PROCEDES DE DEPOSITION CHIMIQUE METAL-OXYDE EN PHASE VAPEUR (MOCVD) AVEC UTILISATION DE PRECURSEURS SE BASANT SUR DES LIGANDS ORGANOMETALLOIDES
- (71) **RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK** [US/US]; P.O. Box 9, Albany, NY 12201-0009 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KALOYEROS, Alain, E.** [US/US]; 203 Forest Haven Drive, Slingerlands, NY 12159 (US). **WELCH, John, T.** [US/US]; 11 Parkwood Avenue, Albany, NY 12203 (US). **TOSCANO, Paul, J.** [US/US]; 120 Mohawk Drive, Schenectady, NY 12303 (US). **CLAESSEN, Rolf** [DE/US]; 164 North Allen Street, Albany, NY 12208 (US). **KORNILOV, Andrei** [UA/UA]; 56A Geroev Stalingrada Av. #77, Kiev, 252213 (UA). **BAN-GER, Kulbinder, K.** [GB/US]; 94 North Pine Avenue, Apartment 4, Albany, NY 12203 (US).
- (74) **GIOENI, Mary, Louise** et al. / etc.; Heslin & Rothenberg, P.C., 5 Columbia Circle, Albany, NY 12203 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C23C 16/40, 16/515, 16/30, 30/00, C04B 41/89, B23B 27/14**
- (11) **WO 00/70120** (13) A1
- (21) PCT/SE00/00974
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 9901823-6 **19 May/mai 1999** SE  
(19.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • Al<sub>2</sub>O<sub>3</sub> COATED CUTTING TOOL  
• OUTIL DE COUPE REVETU DE Al<sub>2</sub>O<sub>3</sub>
- (71) **SANDVIK AB (publ)** [SE/SE]; S-811 81 Sandviken (SE).
- (72) **SÖDERBERG, Staffan**; Mossvägen 112, S-141 44 Huddinge (SE). **LITTECKE, Peter**; Sjöstigen 31, S-141 72 Huddinge (SE).
- (74) **TÅQUIST, Lennart**; Sandvik AB, Patent Dept., S-811 81 Sandviken (SE).
- (81) CA JP KR ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **C23C 16/42, H01L 21/285, 21/3205, C23C 16/56**
- (11) **WO 00/70121** (13) A1
- (21) PCT/US00/13785
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 09/314,999 **19 May/mai 1999** US  
(19.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • UTILIZATION OF SiH<sub>4</sub>, SOAK AND PURGE IN DEPOSITION PROCESSES
- IMPREGNATION ET PURGE AU SiH<sub>4</sub>, UTILISEES DANS DES PROCESSUS DE DEPOT
- (71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
- (72) **LITTAU, Karl**; 3278 Bryant Street, Palo Alto, CA 94306 (US). **TSENG, Jennifer, M.**; 12471 DeSanka Avenue, Saratoga, CA 95070 (US). **CHANG, Mei**; 12881 Corte de Arguello, Saratoga, CA 95070 (US). **SRI-NIVAS, Ramanujapuram, A.**; 6609 Mount Holly Drive, San Jose, CA 95120 (US).
- (74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **C23C 24/00, B05C 19/02, B05B 5/08**
- (11) **WO 00/70122** (13) A1
- (21) PCT/RU00/00162
- (22) **27 Apr/avr 2000 (27.04.2000)**
- (25) ru (26) ru
- (30) 99110426 **14 May/mai 1999** RU  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DEVICE FOR APPLYING COATINGS OF POWDERED MATERIALS  
• DISPOSITIF PERMETTANT D'APPLIQUER DES REVETEMENTS FAITS DE MATERIAUX EN POUDRE
- (71) **CHIZHIKOV, Sergei Konstantinovich** [RU/RU]; ul. Zvezdnaya, 14-88, St.Petersburg, 196233 (RU). **GUTOVSKY, Andrei Vladimirovich** [RU/RU]; Zagreb'sky bul., 5/3-200, St.Petersburg, 192284 (RU). (for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **CHIZHOV, Alexandr Khristaforovich** [RU/RU]; ul. Lisichanskaya, 14-9, St.Petersburg, 197342 (RU). **SOLTOVSKAYA, Inga Alexandrovna** [RU/RU]; ul. Lisichanskaya, 14-9, St.Petersburg, 197342 (RU).
- (72, 75) **SOLTOVSKY, Petr Grigorievich** [RU/RU]; ul. Lisichanskaya, 14-9, St.Petersburg, 197342 (RU).
- (74) **SANDIGURSKY, Oleg Lvovich**; a/ya 40, St.Petersburg, 191040 (RU).
- (81) AT AU BG BR CA CH CZ DE DK EE FI GB HU ID IL IN JP KR LT LV MX NO NZ PL SE TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM).
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- (51)<sup>7</sup> **C23F 1/00, C23G 1/02, 1/14**
- (11) **WO 00/70123** (13) A1
- (21) PCT/US00/06715
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en

- (30) 11/131996 **12 May/mai 1999** JP  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PROCESS FOR THE SURFACE TREATMENT OF MAGNESIUM ALLOYS  
• PROCESSUS DE TRAITEMENT DE SURFACE D'ALLIAGES DE MAGNESIUM
- (71) **HENKEL CORPORATION** [US/US]; 2500 Renaissance Boulevard, Suite 200, Gulph Mills, PA 19406 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OSHITA, Kenichirou** [JP/JP]; 303, 3-18-36, Goten, Hiratsuka-shi, Kanagawa-Pref. (JP). **SHISHIDO, Masaru** [JP/JP]; 4143-1-205, Yokouchi, Hiratsuka-shi, Kanagawa-Pref. (JP). **KAWAGUCHI, Jun** [JP/JP]; 3-15-16, Ryokuen, Izumi-ku, Yokohama-shi, Kanagawa-Pref. (JP).
- (74) **HARPER, Stephen, D.**; Henkel Corporation, Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C23G 1/14, 1/19, 1/20, C11D 3/39**
- (11) **WO 00/70125** (13) A1
- (21) PCT/GB00/01754
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 9910989.4 **13 May/mai 1999** GB  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METAL CLEANING PROCESS  
• PROCEDE DE NETTOYAGE DE METAUX
- (71) **WARWICK INTERNATIONAL GROUP LIMITED** [GB/GB]; Mostyn, Holywell, Flintshire CH8 9HE (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAY, Michael, John** [GB/GB]; Warwick International Group Limited, Mostyn, Holywell, Flintshire CH8 9HE (GB). **CROUD, Vincent, Brian** [GB/GB]; Warwick International Group Limited, Mostyn, Holywell, Flintshire CH8 9HE (GB).
- (74) **GODDARD, David, John**; Harrison Goddard Foote, 11c Compstall Road, Marple Bridge, Stockport SK6 5HH (GB) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C23F 13/04, 13/00**
- (11) **WO 00/70124** (13) A1
- (21) PCT/FI00/00440
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 991116 **17 May/mai 1999** FI  
(17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD OF PROVIDING ELECTROCHEMICAL PREVENTION OF CORROSION IN CHANGING CONDITIONS  
• PROCEDE DE PREVENTION ELECTROCHIMIQUE DE LA CORROSION DANS DES CONDITIONS EVOLUTIVES
- (71) **SAVCOR PROCESS OY** [FI/FI]; Insinöörinkatu 8, FIN-50100 Mikkeli (FI).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LAURILA, Timo** [FI/FI]; Insinöörinkatu 60 B 128, FIN-33720 Mikkeli (FI). **PULLAINEN, Martti** [FI/FI]; Tiilisaarentie 22, FIN-52100 Anttola (FI). **PAUNONEN, Ari** [FI/FI]; Kotkankatu 5, FIN-50190 Mikkeli (FI).
- (74) **PATENTTIKONSULTOINTI MIETTINEN OY**; Tempelikatu 12 A 13, FIN-00100 Helsinki (FI).
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- (51)<sup>7</sup> **C25B 15/02**
- (11) **WO 00/70126** (13) A1
- (21) PCT/CA00/00486
- (22) **28 Apr/avr 2000 (28.04.2000)**
- (25) en (26) en
- (30) 2,271,517 **12 May/mai 1999** CA  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PRESSURE CONTROL SYSTEM IN A WATER ELECTROLYTIC CELL
- 
- SYSTEME DE REGULATION DE PRESSION DESTINE A UNE PILE ELECTROLYTIQUE A EAU
- (71) **STUART ENERGY SYSTEMS CORPORATION** [CA/CA]; 122 The West Mall, Toronto, Ontario M9C 1B9 (CA).
- (72) **FAIRLIE, Matthew, J.**; 122 The West Mall, Toronto, Ontario M9C 1B9 (CA). **STEWART, William, J.**; 122 The West Mall, Toronto, Ontario M9C 1B9 (CA). **DONG, Charlie**; 122 The West Mall, Toronto, Ontario M9C 1B9 (CA).
- (74) **SMITH, LYONS**; Suite 5800, Scotia Plaza, 40 King Street West, Toronto, Ontario M5H 3Z7 (CA).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C25D 5/02**
- (11) **WO 00/70127** (13) A1
- (21) PCT/US00/12120
- (22) **3 May/mai 2000 (03.05.2000)**
- (25) en (26) en
- (30) 09/310,464 **12 May/mai 1999** US  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS RELATED TO AN ELECTROPLATED STRUCTURE  
• PROCEDE ET DISPOSITIF RELATIFS A UNE STRUCTURE GALVANISEE
- (71) **CANDESCENT TECHNOLOGIES CORPORATION** [US/US]; 6580 Via Del Oro, San Jose, CA 95119 (US).
- (72) **BESSER, Ronald, S.**; 1486 Saskatchewan Dr., Sunnyvale, CA 94087 (US). **DUBOC, Robert, M., Jr.**; 300 Santa Rita Ave., Menlo Park, CA 94025 (US).
- (74) **GALLENSON, Mavis, S.** et al. / etc.; 5670 Wilshire Blvd., Suite 2100, Los Angeles, CA 90036 (US).
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- (81) BR CN JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>6</sup> **C25D 17/06**
- (11) **WO 00/70128** (13) A1
- (21) PCT/JP99/02576
- (22) **18 May/mai 1999 (18.05.1999)**
- (25) ja (26) ja
- (43) 23 Nov/nov 2000 (23.11.2000)

- (54) • PLATING JIG AND DEVICE FOR SEMICONDUCTOR WAFER  
• SUPPORT DE REVETEMENT ET DISPOSITIF POUR TRANCHE DE SEMI-CONDUCTEUR
- (71) **EBARA CORPORATION** [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **YOSHIOKA, Junichiro** [JP/JP]; 167-25, Higashikibogaoka, Asahi-ku, Yokohama-shi, Kanagawa 241-0826 (JP). **MUKAIYAMA, Yoshitaka** [JP/JP]; 3205-542, 3-2-3, Shiomidai, Isogo-ku, Yokohama-shi, Kanagawa 235-0022 (JP).
- (74) **SHAMOTO, Ichio** et al. / etc.; Yuasa and Hara, New Ohtemachi Building, Section 206, 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
- (81) JP KR US; EP (DE FR GB).
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- (51)<sup>7</sup> **C30B 25/14, 25/02**
- (11) **WO 00/70129** (13) A1
- (21) PCT/GB00/01829
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 99303738.1 **13 May/mai 1999 EP (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR EPITAXIALLY GROWING A MATERIAL ON A SUBSTRATE  
• PROCEDE ET DISPOSITIF PERMETTANT DE GENERER UNE CROISSANCE EPITAXIALE D'UN MATERIAU SUR UN SUBSTRAT
- (71) **EMF IRELAND LIMITED** [IE/IE]; The Crestfield Centre, Riverstown, Glanmire, County Cork (IE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ROBINSON, Michael, Franks** [GB/GB]; Wynfor, Church Road, Wentworth, Ely, Cambridgeshire CB6 3QE (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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C30B 33/08, 29/18, H01L 21/306, H03H 3/02**
- (11) **WO 00/70130** (13) A1
- (21) PCT/JP00/03146
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) ja (26) ja
- (30) 11/173098 **18 May/mai 1999 JP (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ETCHING METHOD AND ARTICLE PROCESSED BY THE METHOD  
• PROCEDE D'ATTAQUE ACIDE ET ARTICLE OBTENU PAR CE PROCEDE
- (71, 72) **WATANABE, Takaya** [JP/JP]; 4-202, Greenhill Higashi, 533, Kamoshida, Aoba-ku, Yokohama-shi, Kanagawa 227-0033 (JP).
- (74) **HOSODA, Masutoshi** et al. / etc.; New ATT Bldg, 7F, 11-7, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) JP US; EP (DE FR GB).
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- (51)<sup>7</sup> **D01D 4/02, 5/22, 5/253, 5/32, D01F 8/04**
- (11) **WO 00/70131** (13) A1
- (21) PCT/US00/13167
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 60/134,263 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SPINNERET HOLE CONFIGURATION FOR PREVENTING BENDING OF BICOMPONENT EXTRUDATE  
• CONFIGURATION DU TROU D'UNE BUSE DE FILAGE POUR EMPECHER LE FLECHISSEMENT D'UN EXTRUDAT A DEUX COMPOSANTS
- (71) **HILLS, INC.** [US/US]; 7785 Ellis Road, West Melbourne, FL 32904 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TALLEY, Arthur** [US/US]; 920 Miller Lane, Melbourne, FL 32934 (US). **WILKIE, Arnold, E.** [US/US]; 7850 S. Tropical Trail, Merritt Island, FL 32952 (US). **HAGGARD, Jeffrey, S.** [US/US]; 560 Amber Lane, Cocoa, FL 32926 (US).
- (74) **FINNAN, Patrick, J.** et al. / etc.; Epstein, Edell & Retzer, Suite 400, 1901 Research Boulevard, Rockville, MD 20850-3164 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **D01D 5/08, 5/084, 5/088, 4/02, D01F 6/60, 6/62, 6/90, 6/92**
- (11) **WO 00/70132** (13) A1
- (21) PCT/EP00/03975
- (22) **2 May/mai 2000 (02.05.2000)**
- (25) de (26) de
- (30) 199 22 240.1 **14 May/mai 1999 DE (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR PRODUCING ULTRA-FINE SYNTHETIC YARNS  
• PROCEDE DE PRODUCTION DE FILS SYNTHETIQUES ULTRAFINS
- (71) **LURGI ZIMMER AKTIENGESELLSCHAFT** [DE/DE]; Borsigallee 1, 60388 Frankfurt am Main (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MUELLER, Andreas** [DE/DE]; Weedgasse 20, 67592 Flörsheim-Dalsheim (DE). **WAGNER, Reinhard** [DE/DE]; Kircherstrasse 10, 07318 Saalfeld/Saale (DE). **WANDEL, Dietmar** [DE/DE]; Johannes-Machern-Strasse 8, 63456 Hanau (DE). **SCHUETTRICHKEIT, Heinz** [DE/DE]; Saalburgstrasse 4, 65451 Kelsterbach (DE).
- (74) **LURGI ZIMMER AKTIENGESELLSCHAFT**; Borsigallee 1, 60388 Frankfurt am Main (DE).
- (81) US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **D01D 5/247, D01F 6/32, 6/38**
- (11) **WO 00/70133** (13) A1
- (21) PCT/JP00/03153
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) ja (26) ja
- (30) 11/137252 **18 May/mai 1999 JP (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HOLLOW, SHRINKABLE FIBER FOR PILE AND METHOD FOR PRODUCTION THEREOF AND FILE PRODUCT  
• FIBRE CREUSE THERMORETRACTABLE POUR TISSU A POILS, PROCEDE DE PRODUCTION DE CELLE-CI ET PRODUIT A POILS
- (71) **KANEKA CORPORATION** [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SUDO, Shin** [JP/JP]; 2-63, Okihama-machi, Takasagocho, Takasago-shi, Hyogo 676-0026 (JP). **HARADA, Satoru** [JP/JP]; 760-137, Ooguni, Nishikankicho, Kakogawa-shi, Hyogo 675-0044 (JP).
- (74) **YANAGINO, Takao**; Noskmard Building, 15-5, Miyahara 1-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (JP).
- (81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).



(51)<sup>7</sup> D01F 6/46, C08L 23/10

(11) **WO 00/70134** (13) A1  
 (21) PCT/US00/13010  
 (22) **12 May/mai 2000 (12.05.2000)**  
 (25) en (26) en  
 (30) 60/133,958 **13 May/mai 1999** US  
**(13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ELASTIC FIBERS AND ARTICLES MADE THEREFROM, INCLUDING CRYSTALLINE AND CRYSTALLIZABLE POLYMERS OF PROPYLENE  
 • FIBRES ELASTIQUES ET ARTICLES PRODUITS A L'AIDE DE CES FIBRES, RENFERMANT DES POLYMERES DE PROPYLENE CRISTALLINS ET CRISTALLISABLES

(71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).

(72) **CHENG, Chia, Y.**; 902 Live Oak Lane, Seabrook, TX 77586-4405 (US). **AGARWAL, Pawan, Kumar**; 11318 Williamsburg Drive, Houston, TX 77024 (US). **DATTA, Sudhin**; 2203 Driscoll Street, Houston, TX 77019-6826 (US).

(74) **REID, Frank, E.** et al. / etc.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AU BR CA CN JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> D03C 3/00

(11) **WO 00/70135** (13) A2  
 (21) PCT/DE00/00854  
 (22) **20 Mar/mar 2000 (20.03.2000)**  
 (25) de (26) de  
 (30) 199 22 083.2 **16 May/mai 1999** DE  
**(16.05.1999)**  
 (30) 199 34 447.7 **26 Jul/juil 1999** DE  
**(26.07.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SHED FORMING DEVICE FOR THE TEXTILE INDUSTRY  
 • DISPOSITIF DE FORMATION DE LA FOULE POUR L'INDUSTRIE TEXTILE

(71) **PIEGELER, Gerhard** [DE/DE]; August-Macke-Weg 29, D-42781 Haan (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PIEGELER, Uwe** [DE/DE]; Am Köhnen 83, D-40599 Düsseldorf (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> D03D 47/23

(11) **WO 00/70136** (13) A1  
 (21) PCT/CH00/00220  
 (22) **17 Apr/avr 2000 (17.04.2000)**  
 (25) de (26) de  
 (30) 299 08 675.5 **17 May/mai 1999** DE  
**(17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • GRIPPER AND DEVICE FOR PICKING A WEFT YARN  
 • PINCE ET DISPOSITIF D'INSERTION D'UN FIL DE TRAME

(71) **TEXTILMA AG** [CH/CH]; Seestrasse 97, CH-6052 Hergiswil (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHMIDLIN, Werner** [CH/CH]; Buchenweg 8, CH-5070 Frick (CH).

(74) **SCHMAUDER & PARTNER AG**; Zwängiweg 7, CH-8038 Zürich (CH).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> D05C 7/08, D05B 11/00

(11) **WO 00/70137** (13) A1  
 (21) PCT/IB00/00630  
 (22) **11 May/mai 2000 (11.05.2000)**  
 (25) en (26) en  
 (30) UD99A000097 **14 May/mai 1999** IT  
**(14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND DEVICE TO APPLY CORD THREAD OR RIBBONS ONTO FABRICS IN A QUILTING MACHINE  
 • PROCEDE ET DISPOSITIF D'APPLICATION DE FILS DE GANSE OU DE BANDES SUR DES TISSUS DANS UNE MATELASSEUSE

(71) **MECA S.P.A.** [IT/IT]; Strada Prov. Busto/Cassano, 3, I-21054 Fagnano Olona (IT).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LANDONI, Giannino** [IT/IT]; Strada Prov. Busto/Cassano, 1, I-21054 Fagnano Olona (IT).

(74) **PETRAZ, Gilberto**; GLP S.r.l., Piazzale Cavedalis, 6/2, I-33100 Udine (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> D06F 37/30

(11) **WO 00/70138** (13) A1  
 (21) PCT/EP00/04441  
 (22) **16 May/mai 2000 (16.05.2000)**  
 (25) de (26) de  
 (30) 199 22 611.3 **17 May/mai 1999** DE  
**(17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DRIVE DEVICE FOR A WASHING MACHINE  
 • DISPOSITIF D'ENTRAINEMENT POUR MACHINE A LAVER

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Zentralabteilung Patente/Lizenzen, Hochstr. 17, D-81669 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BIERBACH, Klaus** [DE/DE]; Siedlung Hoka 3, Str. L, Nr. 2, D-13629 Berlin (DE). **HEYDER, Reinhard** [DE/DE]; Rotbuchenweg 12, D-13403 Berlin (DE). **SKRIPPEK, Jörg** [DE/DE]; Dyrother Winkel 1, D-14641 Priort (DE).

(81) AU NZ SI TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> D06F 37/30

(11) **WO 00/70139** (13) A1  
 (21) PCT/EP00/04443  
 (22) **16 May/mai 2000 (16.05.2000)**  
 (25) de (26) de  
 (30) 199 22 610.5 **17 May/mai 1999** DE  
**(17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DRIVE DEVICE FOR A WASHING MACHINE  
 • DISPOSITIF D'ENTRAINEMENT POUR MACHINE A LAVER

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstr. 17, D-81669 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HEYDER, Reinhard** [DE/DE]; Rotbuchenweg 12, D-13403 Berlin (DE). **SKRIPPEK, Jörg** [DE/DE]; Dyrotzer Winkel 1, D-14641 Berlin (DE).

(81) AU NZ SI TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **D06F 43/02, B08B 7/00, D06F 37/30**

(11) **WO 00/70140** (13) A1

(21) PCT/EP00/04315

(22) **12 May/mai 2000 (12.05.2000)**

(25) de (26) de

(30) 199 22 195.2 **12 May/mai 1999 DE (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● CLEANING DEVICE AND METHOD FOR CLEANING, USING LIQUID AND/OR SUPERCRITICAL GASES

● DISPOSITIF DE NETTOYAGE ET PROCÉDE DE NETTOYAGE AVEC DES GAZ LIQUEFIES OU SURCRITIQUES

(71) **LINDE TECHNISCHE GASE GMBH** [DE/DE]; Seitnerstrasse 70, D-82049 Höllriegelskreuth (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WANDKE, Ernst** [DE/DE]; Frauenschuhweg 29a, D-82538 Geretsried (DE).  
**STRIGL, Reinhard** [DE/DE]; Zeitlertsstrasse 1, D-80995 München (DE).

(74) **LINDE AG**; Zentrale Patentabteilung, D-82049 Höllriegelskreuth (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE (Utility model / modèle d'utilité) 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **D06F 43/08, 43/00, B08B 7/00**

(11) **WO 00/70141** (13) A1

(21) PCT/US00/13103

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/312,556 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● DETERGENT INJECTION SYSTEMS FOR CARBON DIOXIDE CLEANING APPARATUS

● SYSTEMES D'INJECTION DE DETERGENTS POUR APPAREIL DE NETTOYAGE AU DIOXYDE DE CARBONE

(71) **MICELL TECHNOLOGIES, INC.** [US/US]; 7516 Precision Drive, Raleigh, NC 27613 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEYOUNG, James, P.** [US/US]; 106 Lochridge, Durham, NC 27713 (US).  
**RO-MACK, Timothy, J.** [US/US]; 5810 Forest Ridge Drive, Durham, NC 27713 (US).  
**MCCLAIN, James, B.** [US/US]; 8008 Chadbourne Court, Raleigh, NC 27613 (US).

(74) **SIBLEY, Kenneth, D.** et al. / etc.; Myers, Bigel, Sibley, & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **D21F 3/00**

(11) **WO 00/70142** (13) A1

(21) PCT/SE00/00826

(22) **2 May/mai 2000 (02.05.2000)**

(25) en (26) en

(30) 9901754-3 **14 May/mai 1999 SE (14.05.1999)**

(30) 60/139,634 **17 Jun/juin 1999 US (17.06.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHOD AND MACHINE FOR MANUFACTURING PRINTING PAPER OR PAPERBOARD  
● PROCÉDE ET MACHINE DE FABRICATION DE PAPIER D'IMPRESSION OU DE CARTON

(71) **VALMET-KARLSTAD AB** [SE/SE]; Box 1014, S-651 15 Karlstad (SE).  
**VALMET CORPORATION** [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAAPOTTI, Jorma, Tapio** [FI/FI]; Raponkuja 6, FIN-40270 Palokka (FI).

(74) **LUNDQUIST, Lars-Olof**; L-O Lundquist Patentbyrå AB, Box 80, S-651 03 Karlstad (SE).

(81) BR CA JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **D21F 3/02**

(11) **WO 00/70143** (13) A1

(21) PCT/FI00/00424

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 991104 **14 May/mai 1999 FI (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHOD AND ARRANGEMENT FOR AN EXTENDED-NIP ROLL, IN PARTICULAR FOR A PRESS SHOE ROLL OF A SHOE CALENDER

● PROCÉDE ET DISPOSITIF RELATIFS A UN ROULEAU A PINCE ELARGIE ET EN PARTICULIER AU ROULEAU A PATIN PRESSEUR D'UNE CALANDRE A PATIN

(71) **VALMET CORPORATION** [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOIVUKUNNAS, Pekka** [FI/FI]; Kauhavankuja 5, FIN-04430 Järvenpää (FI).  
**TORVI, Timo** [FI/FI]; Wärsilänkatu 76 B 40, FIN-04440 Järvenpää (FI).

(74) **FORSSÉN & SALOMAA OY**; Yrjönkatu 30, FIN-00100 Helsinki (FI).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> **D21F 11/00, 9/00**

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(21) PCT/FI00/00419

(22) **10 May/mai 2000 (10.05.2000)**

(25) fi (26) en

(30) 991096 **12 May/mai 1999 FI (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHOD FOR THE MANUFACTURE OF PAPER, AND PAPER MACHINE LINE

● PROCÉDE DE FABRICATION DE PAPIER ET LIGNE DE MACHINE A PAPIER

(71) **VALMET CORPORATION** [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAUTIAINEN, Pentti** [FI/FI]; Kauhavankuja 4, FIN-04430 Järvenpää (FI).

(74) **FORSSÉN & SALOMAA OY**; Yrjönkatu 30, FIN-00100 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **D21F 11/00**

(11) **WO 00/70145** (13) A1

(21) PCT/GB00/01328

(22) **7 Apr/avr 2000 (07.04.2000)**

(25) en (26) en

(30) 9910902.7 **12 May/mai 1999 GB (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • TEXTURING ROLLER IN A PAPER MACHINE  
• ROULEAU A TEXTURER DE MACHINE A PAPIER

(71) **ARJO WIGGINS FINE PAPERS LIMITED** [GB/GB]; P.O. Box 88, Gateway House, Basing View, Basingstoke, Hampshire RG21 4EE (GB).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MACSWEEN, Angus** [GB/GB]; Stonewood Mill, Bucksburn, Aberdeen AB21 9AB (GB). **CLARK, Austin** [GB/GB]; Stonewood Mill, Bucksburn, Aberdeen AB21 9AB (GB). **MCCORMICK, Michael** [GB/GB]; Parsons Skillforce, Eton Hill Road, Radcliffe, Manchester M26 9XT (GB). **LEES, David** [GB/GB]; Parsons Skillforce, Eton Hill Road, Radcliffe, Manchester M26 9XT (GB).

(74) **MCNEIGHT, David, Leslie** et al. / etc.; McNeight & Lawrence, Regent House, Heaton Lane, Stockport, Cheshire SK4 1BS (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **D21G**

(11) **WO 00/70146** (13) A2

(21) PCT/FI00/00438

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 991108 **14 May/mai 1999 FI (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND ARRANGEMENT FOR PRODUCING CALENDERED PAPER OR BOARD  
• PROCEDE ET DISPOSITIF PERMETTANT DE PRODUIRE DU PAPIER OU DU CARTON CALANDRE

(71) **VALMET CORPORATION** [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOIVUKUNNAS, Pekka** [FI/FI]; Tupalantie 13 D 31, FIN-04400 Järvenpää (FI). **LARES, Matti** [FI/FI]; Palkkatilankatu 5 B 20, FIN-00240 Helsinki (FI). **LEINO, Mika** [FI/FI]; Kartanontie 7 A 10, FIN-04400 Järvenpää (FI).

(74) **SEPPO LAINE OY**; Itämerenkatu 3 B, FIN-00180 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **D21J 1/00, 1/06**

(11) **WO 00/70147** (13) A1

(21) PCT/US00/13432

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/134,614 **18 May/mai 1999 US (18.05.1999)**

(30) 60/141,246 **30 Jun/juin 1999 US (30.06.1999)**

(30) 09/567,771 **9 May/mai 2000 US (09.05.2000)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • WET PROCESS PRODUCTION OF THICK BOARDS USING INORGANIC FIBERS  
• PRODUCTION PAR VOIE HUMIDE DE PANNEAUX EPAIS AU MOYEN DE FIBRES INORGANIQUES

(71) **EFTEC, INC.** [US/US]; P.O. Box 1060, Morristown, IN 46161 (US).

(72) **CARTER, Neil, A.**; Eftec, Inc., 500 N. Rangeline Road, Morristown, IN 46161 (US). **ULLMAN, William, L.**; Eftec, Inc., 500 N. Rangeline Road, Morristown, IN 46161 (US). **RHIND, David**; 4025 Bonner Industrial Drive, Shawnee, KS 66226 (US). **HART, Gordon**; 4025 Bonner Industrial Drive, Shawnee, KS 66226 (US). **PINSKY, Gordon**; 4025 Bonner Industrial Drive, Shawnee, KS 66226 (US).

(74) **VANDERHYE, Robert, A.**; Nixon & Vanderhye P.C., Suite 800, 1100 North Glebe Road, Arlington, VA 22201-4714 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **E01B 35/06, B61K 9/08**

(11) **WO 00/70148** (13) A1

(21) PCT/GB00/01538

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) 9911170.0 **14 May/mai 1999 GB (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • TRACK MONITORING EQUIPMENT  
• EQUIPEMENT DE SURVEILLANCE DE VOIE FERREE

(71) **AEA TECHNOLOGY PLC** [GB/GB]; 329 Harwell, Didcot, Oxfordshire OX11 0RA (GB).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GILBERT, David** [GB/GB]; Mowbray, Northend, Wirksworth, Derbyshire DE4 4FG (GB). **WESLEY, Peter, David** [GB/GB]; 36 Belper Road, Derby, Derbyshire DE1 3EN (GB).

(74) **MANSFIELD, Peter, Turquand** et al. / etc.; AEA Technology plc, Patents Dept., 329 Harwell, Didcot, Oxfordshire OX11 0RA (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **E01C 23/12, E21C 35/18, 27/24**(11) **WO 00/70149** (13) A1

(21) PCT/AU00/00474

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) PQ 0426 **18 May/mai 1999** AU  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● CUTTING APPARATUS FOR REMOVAL OF ROAD SURFACES AND OTHER MINING AND EARTH REMOVAL OPERATIONS

● APPAREIL DE COUPE POUR ENLEVER DES REVETEMENTS DE ROUTE ET AUTRES OPERATIONS MINIERES ET DE TERRASSEMENT

(71, 72) **SCHIBECI, Anthony, Richard** [AU/AU]; 22 Bawden Close, Watsonia, VIC 3087 (AU).(72, 75) **SCHIBECI, Anthony, Richard, Jr.** [AU/AU]; 91 Greenwood Drive, Bundoora, VIC 3083 (AU). **SCHIBECI, Joseph, Mark** [AU/AU]; 2 Bawden Close, Watsonia, VIC 3087 (AU).(74) **GRIFFITH HACK**; 509 St Kilda Road, Melbourne, VIC 3004 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **E01C 23/14, 23/16, 3/06**(11) **WO 00/70150** (13) A1

(21) PCT/US00/13869

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/134,791 **19 May/mai 1999** US  
(19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● TEMPERATURE SENSING FOR CONTROLLING PAVING AND COMPACTION OPERATIONS

● DETECTION DE LA TEMPERATURE POUR LA SURVEILLANCE D'OPERATIONS DE PAVAGE ET DE COMPACTAGE

(71) **INGERSOLL-RAND COMPANY** [US/US]; 200 Chestnut Ridge Road, Woodcliff Lake, NJ 07675 (US).  
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **BAKER, Adrian** [US/US]; 2378 East Harrison Avenue, Charleston, IL 61920 (US). **WILLIAMS, Timothy, D.** [US/US];1219 Woodlawn Drive, Charleston, IL 61920 (US). **MALEHORN, Stephen, H.** [US/US]; 1709 Douglas Drive, Charleston, IL 61920 (US). **SNYDER, Carl, L.** [US/US]; 9 White Oak Ridge Road, Glen Gardner, NJ 08826 (US).(74) **MILLER, Craig, E.** et al. / etc.; Oldham & Oldham Co., L.P.A., Twin Oaks Estate, 1225 West Market Street, Akron, OH 44313-7188 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **E02B 3/06, 3/10**(11) **WO 00/70151** (13) A1

(21) PCT/AU00/00448

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) PQ 0381 **14 May/mai 1999** AU  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● TEMPORARY DAM OR BREAKWATER  
● BARRAGE OU BRISE-LAMES PROVISOIRE(71, 72) **SANDERSON, Robert, John** [AU/AU]; 122 Riley Street, East Sydney, NSW 2010 (AU).(74) **WILSON, Garry, Adrian**; Wilson & Young, 225 Lawrence Street, Alexandria, NSW 2015 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **E02D 3/11, 3/12**(11) **WO 00/70152** (13) A1

(21) PCT/GB00/01834

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9911478.7 **18 May/mai 1999** GB  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHOD AND APPARATUS FOR SOIL STABILISATION

● PROCEDE ET APPAREIL DE STABILISATION DES SOLS

(71) **BIOGUARD LIMITED** [GB/GB]; P.O. Box 83, Northampton NN2 6YX (GB).  
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **HAY, Peter** [GB/GB]; 10 Cranes Drive, Surbiton, Surrey KT5 8AL (GB). **HAY, John** [GB/GB]; 10 Cranmere Avenue, Northampton NN1 5SF (GB). **RUTT, John** [GB/GB]; 5 West Hill Mews, West Hill Road, St Leonards-on-Sea, East Sussex TN38 0AY (GB). **MALYZEWICZ, Christopher** [GB/GB]; 12 Waggoners Way, Bugbrooke, Northamptonshire NN7 3QT (GB).(74) **HUTCHINS, Michael, Richard** et al. / etc.; Fry Heath & Spence, The Old College, 53 High Street, Horley, Surrey RH6 7BN (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **E02D 27/34, 31/08**(11) **WO 00/70153** (13) A1

(21) PCT/KR99/00432

(22) **5 Aug/août 1999 (05.08.1999)**

(25) en (26) en

(30) 1999/18108 **19 May/mai 1999** KR  
(19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHOD OF AND APPARATUS FOR PREVENTING STRUCTURE FROM COLLAPSING DUE TO EARTHQUAKE

● PROCEDE ET APPAREIL POUR EMPECHER UNE STRUCTURE DE S'EFFONDRE LORS D'UN TREMBLEMENT DE TERRE

(71, 72) **PARK, Jang-Ho** [KR/KR]; 498, Wallpyeong-Dong, Seo-ku, Daejeon-City 302-701 (KR).(74) **SUH, Sang, Wook**; Sang Wook Suh International Patent Law Firm, Heungyong Building, 6th floor, 648-26, Youksam-Dong, Kangnam-Ku, Seoul 135-080 (KR).

(81) AE AL AU BA BB BG BR CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> E02D 29/02, B28B 1/14

(11) WO 00/70154 (13) A1

(21) PCT/JP99/07259

(22) 24 Dec/déc 1999 (24.12.1999)

(25) ja (26) ja

(30) 11/170082 14 May/mai 1999 JP (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MESHING TYPE STACK BLOCK AND DEVICE FOR PRODUCING THE SAME

• BLOC EMBOITABLE A EMPILER ET DISPOSITIF POUR SA PRODUCTION

(71, 72) HORIUCHI, Takeaki [JP/JP]; 2876, Asahicho kamijominamiwari, Nirasaki-shi, Yamanashi 407-0046 (JP).

(74) YAMANA, Masahiko; M. Yamana Patent & Trademark Office, 3th Floor Harada Building, 7-7, Hatchobori 3-chome, Chuo-ku, Tokyo 104-0032 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> E02F 3/36

(11) WO 00/70155 (13) A1

(21) PCT/NZ00/00073

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 332871 15 May/mai 1999 NZ (15.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CONNECTION APPARATUS

• APPAREIL DE CONNEXION

(71, 72) SHORT, Bruce, Archibald [NZ/NZ]; 18 Dampier Street, Avondale, Auckland 1007 (NZ).

(74) SIMS, Anthony, W. et al. / etc.; 29 Clarence Street, Private Bag 3140, Hamilton 2001 (NZ).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> E03F 1/00

(11) WO 00/70156 (13) A1

(21) PCT/SE00/00900

(22) 5 May/mai 2000 (05.05.2000)

(25) sv (26) en

(30) 9901776-6 17 May/mai 1999 SE (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A VACUUM UNIT AND A VACUUM TOILET SYSTEM COMPRISING SUCH A UNIT

• UNITE A ASPIRATION ET SYSTEME DE TOILETTE A ASPIRATION COMPRENANT CETTE UNITE

(71) AVAC EJEKTOR AB [SE/SE]; Box 135, S-565 23 Mullsjö (SE).

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

(72, 75) JOHANSSON, Håkan [SE/SE]; Långholmsgatan 14, S-117 33 Stockholm (SE).

(74) ESTREEN, Lars 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04B

(11) WO 00/70157 (13) A2

(21) PCT/RU00/00173

(22) 12 May/mai 2000 (12.05.2000)

(25) ru (26) ru

(30) 99110612 14 May/mai 1999 RU (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR PRODUCING A CERAMIC ARTICLE FOR CLADDING BUILDING STRUCTURES AND DEVICE FOR CUTTING A SLAB OF A PLASTIC MIXTURE

• PROCEDE DE FABRICATION D'UN ARTICLE CERAMIQUE SERVANT AU BARDAGE DE STRUCTURES DE BATIMENTS, ET DISPOSITIF DE DECOUPAGE D'UNE DALLE FAITE D'UN MELANGE PLASTIQUE

(71, 72) EFREMOV, Mikhail Nikolaevich [RU/RU]; ul. Mariinskaya, 9-105, Elektrougli, Moskovskaya obl., 142490 (RU).

(72) ZOTOV, Sergei Mikhailovich; Juzhnoe Kuchino, 1-52, Zheleznodorozhny, Moskovskaya obl., 143980 (RU). KORSAKOV, Pavel Alexandrovich; ul. Tsentralnaya, 6-6, Elektrougli, Moskovskaya obl., 142490 (RU). GOVORKOV, Jury Nikolaevich; pl. Oktyabrya, 5-28, Elektrougli, Moskovskaya obl., 142490 (RU). LJUBAVIN, Vladimir Nikolaevich; ul. Komsomolskaya, 7-46, Elektrougli, Moskovskaya obl., 142490 (RU).

(74) KUDRYASHOVA, Olga Leonidovna; Novye Cheremushki, kvartal 32-A, 3-60, Moscow, 113209 (RU).

(81) DE ES; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>6</sup> E04B 1/12, A63H 33/00

(11) WO 00/70158 (13) A1

(21) PCT/IL99/00249

(22) 12 May/mai 1999 (12.05.1999)

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD OF CONSTRUCTING A TEMPORARY FULL-SIZE STRUCTURE FOR DISPLAY

• PROCEDE PERMETTANT DE CONSTRUIRE UNE STRUCTURE D'EXPOSITION PROVISOIRE DE PLEINE DIMENSION

(71, 72) ROTEM, On [IL/IL]; 40692 Kfar Hess (IL). YAHALOM, Yosef [IL/IL]; 40692 Kfar Hess (IL).

(74) PRESENTI, Sarah; Marmurek Street 17, 64254 Tel Aviv (IL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **E04B 1/343, E04H 1/12**  
 (11) **WO 00/70159** (13) A1  
 (21) PCT/AU00/00444  
 (22) **12 May/mai 2000 (12.05.2000)**  
 (25) en (26) en  
 (30) PQ 0308 **12 May/mai 1999** AU  
**(12.05.1999)**  
 (30) PQ 4031 **12 Nov/nov 1999** AU  
**(12.11.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● BUILDING AND BUILDING SYSTEM  
 ● CONSTRUCTION ET SYSTEME DE  
 CONSTRUCTION  
 (71) **OPERABLE MODULAR SYSTEMS  
 PTY LTD** [AU/AU]; 12-67 Garden Drive,  
 Tullamarine, Victoria 3043 (AU).  
*(for all designated States except / pour tous  
 les États désignés sauf US)*  
 (72, 75) **BENNETT, Alister** [AU/AU]; (AU).  
**OLLIVER, Antony, Lee** [GB/AU]; (AU).  
**KATSINAKIS, Louis** [GR/AU]; 12-67 Gar-  
 den Drive, Tullamarine, Victoria 3043 (AU).  
 (74) **ROSE, Ian, Stanley**; Pipers, G.P.O. Box  
 2272U, Melbourne, VIC 3001 (AU).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY  
 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 NO NZ PL PT RO RU SD SE SG SI  
 SK SL TJ TM TR TT TZ UA UG US UZ  
 VN YU ZA ZW; AP (GH GM KE LS MW  
 SD SL SZ TZ UG ZW); EA (AM AZ BY  
 KG KZ MD RU TJ TM); EP (AT BE CH  
 CY DE DK ES FI FR GB GR IE IT LU MC  
 NL PT SE); OA (BF BJ CF CG CI CM GA  
 GN GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **E04B 1/62, E04D 13/16**  
 (11) **WO 00/70160** (13) A1  
 (21) PCT/US99/11076  
 (22) **19 May/mai 1999 (19.05.1999)**  
 (25) en (26) en  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● SLIDE-IN BUILDING INSULATION  
 SYSTEM  
 ● SYSTEME D'ISOLATION ENCAS-  
 TRABLE POUR IMMEUBLE  
 (71, 72) **HARKINS, Daniel, J.** [US/US]; P.O.  
 Box 324, Stoughton, WI 53589 (US).  
 (74) **THOMTE, Dennis, L.**; Zarley, McKee,  
 Thomte, Voorhees & Sease, Suite 3200, 801  
 Grand Avenue, Des Moines, IA 50309-2721  
 (US).  
 (81) AE AL AM AT AU AZ BA BB BG BR BY  
 CA CH CN CU CZ DE DK 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  
 MD MG MK MN MW MX NO NZ PL PT  
 RO SD SE SG SI SK SL TJ TM TR TT UA  
 UG UZ VN YU ZA ZW; AP (GH GM KE  
 LS MW SD SL SZ UG ZW); EA (AM AZ  
 BY KG KZ MD RU TJ TM); EP (AT BE  
 CH CY DE DK ES FI FR GB GR IE IT LU  
 MC NL PT SE); OA (BF BJ CF CG CI CM  
 GA GN GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **E04B 1/80, E04D 13/16**  
 (11) **WO 00/70161** (13) A1  
 (21) PCT/EP00/04479  
 (22) **17 May/mai 2000 (17.05.2000)**  
 (25) en (26) en  
 (30) 199 22 592.3 **17 May/mai 1999** DE  
**(17.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● INSULATING MATERIAL ELEMENT  
 MADE OF MINERAL WOOL AS WELL  
 AS A PROCESS FOR ITS PRODUC-  
 TION AND USE OF THE SAME  
 ● ELEMENT EN MATERIAU ISOLANT,  
 CONSTITUE DE LAINE MINERALE,  
 ET SON PROCEDE DE PRODUCTION  
 ET D'UTILISATION  
 (71) **SAINT-GOBAIN ISOVER** [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) **HORRES, Johannes** [DE/DE]; Am-  
 hinteren Rindweg 25, D-68526 Laden-  
 burg (DE). **BECKER, Michael** [DE/DE];  
 Rheinstrasse 8, D-67069 Ludwigshafen  
 (DE). **BIHY, Lothar** [DE/DE]; Eugen-  
 Hertel-Strasse 9, D-67657 Kaisers-  
 lautern (DE). **KELLER, Horst** [DE/DE];  
 Im Grund 20, D-69259 Wilhelmsfeld (DE).  
 (74) **KUHNNEN & WACKER PATEN-  
 TANWALTSGESELLSCHAFT MBH**;  
 Alois-Steinecker-Strasse 22, D-85354 Frei-  
 sing (DE).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR  
 BY CA CH CN CR CU CZ 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 NO  
 NZ PL PT RO RU SD SE SG SI SK SL TJ  
 TM TR TT TZ UA UG US UZ VN YU ZA  
 ZW; AP (GH GM KE LS MW SD SL SZ  
 TZ UG ZW); EA (AM AZ BY KG KZ MD  
 RU TJ TM); EP (AT BE CH CY DE DK ES  
 FI FR GB GR IE IT LU MC NL PT SE);  
 OA (BF BJ CF CG CI CM GA GN GW ML  
 MR NE SN TD TG).
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- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **E04B 5/06, E04C 2/288**  
 (11) **WO 00/70162** (13) A1  
 (21) PCT/ES00/00176  
 (22) **11 May/mai 2000 (11.05.2000)**  
 (25) es (26) es  
 (30) P 9901042 **17 May/mai 1999** ES  
**(17.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● METHOD FOR FABRICATING SLABS  
 HAVING POLYSTYRENE ARCHES  
 AND PRESTRESSED CONCRETE RIB  
 AND SLABS THUS FABRICATED  
 ● PROCEDE DE FABRICATION DE  
 HOURDIS POUR VOUTE EN POLY-  
 STYRENE ET NERVURE EN BETON  
 PRECONTRAINTE ET HOURDIS AINSI  
 OBTENUS  
 (71, 72) **JIMENEZ SANCHEZ, Jaime Enrique**  
 [ES/ES]; Avenida del Ejército 18, 3º B,  
 E-10600 Plasencia (Cáceres) (ES).  
 (81) AE AL AM AT AU AZ BA BB BG BR BY  
 CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW MX NO NZ  
 PL PT RO RU SD SE SG SI SK SL TJ TM  
 TR TT UA UG US UZ VN YU ZA ZW;  
 AP (GH GM KE LS MW SD SL SZ TZ UG  
 ZW); EA (AM AZ BY KG KZ MD RU TJ  
 TM); EP (AT BE CH CY DE DK ES FI FR  
 GB GR IE IT LU MC NL PT SE); OA (BF  
 BJ CF CG CI CM GA GN GW ML MR NE  
 SN TD TG).
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- (51)<sup>7</sup> **E04B 9/00, 9/12**  
 (11) **WO 00/70163** (13) A1  
 (21) PCT/US00/12055  
 (22) **2 May/mai 2000 (02.05.2000)**  
 (25) en (26) en  
 (30) 09/314,559 **19 May/mai 1999** US  
**(19.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● SURFACE MOUNTED GRID SYSTEM  
 ● SYSTEME DE GRILLE MONTE EN  
 SURFACE  
 (71) **ACOUSTIC CEILING PRODUCTS,  
 L.L.C.** [US/US]; 2300 American Drive,  
 Neenah, WI 54956 (US).  
 (72) **REBMAN, Robert, J.**; 882 3rd Street,  
 Menasha, WI 54952 (US).  
 (74) **STRANDT, Billie, Jean**; Michael Best &  
 Friedrich LLP, 100 East Wisconsin Avenue,  
 Milwaukee, WI 53202 (US).  
 (81) AE AL AM AT AU AZ BA BB BG BR BY  
 CA CH CN CR CU CZ DE DK DM 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  
 NO NZ PL PT RO RU SD SE SG SI SK SL  
 TJ TM TR TT TZ UA UG UZ VN YU ZA  
 ZW; AP (GH GM KE LS MW SD SL SZ  
 TZ UG ZW); EA (AM AZ BY KG KZ MD  
 RU TJ TM); OA (BF BJ CF CG CI CM GA  
 GN GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **E04C 2/32, 2/36, 2/24, B32B 3/12**  
 (11) **WO 00/70164** (13) A1  
 (21) PCT/AU00/00455  
 (22) **17 May/mai 2000 (17.05.2000)**  
 (25) en (26) en  
 (30) PQ 0391 **17 May/mai 1999** AU  
**(17.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● COMPOSITE PANEL  
 ● PANNEAU MIXTE  
 (71, 72) **REUTER, Kevin, Anthony** [AU/AU];  
 1713 Ferntree Gully Road, Ferntree Gully,  
 VIC 3156 (AU). **FISHER, Geoffrey, Do-  
 nald** [AU/AU]; Lot 2, Greenshields Road,  
 Drouin, VIC 3818 (AU).  
 (74) **FREEHILLS CARTER SMITH &  
 BEADLE**; 101 Collins Street, Melbourne,  
 VIC 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04C 2/38

(11) WO 00/70165 (13) A1

(21) PCT/SG99/00046

(22) 18 May/mai 1999 (18.05.1999)

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● A BUILDING ELEMENT  
● ELEMENT DE CONSTRUCTION

(71) MOLD TECHNIC PTE. LTD. [SG/SG]; Blk 26, Kallang Place #02-08/17, Kallang Basin Industrial Estate, Singapore 339157 (SG).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOUO, Wai, Chiau [SG/SG]; 36 Tomlinson Road #02-36, Singapore 247856 (SG). PHUA, Swee, Hoe [SG/SG]; Blk 97, Cashew Heights, Cashew Road #15-06, Singapore 679668 (SG).

(74) GREENE-KELLY, James, Patrick; Lloyd Wise, Tanjong Pagar, P.O. Box 636, Singapore 910816 (SG).

(81) AU CA JP SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> E04C 5/08, 5/10, E04G 21/12

(11) WO 00/70166 (13) A1

(21) PCT/CH00/00235

(22) 28 Apr/avr 2000 (28.04.2000)

(25) en (26) en

(30) 09/311,439 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● VENT FLOW APPARATUS AND METHOD  
● APPAREIL ET PROCÉDE D'ÉCOULEMENT ET DE PURGE

(71) VSL INTERNATIONAL AG [CH/CH]; Bernstrasse 9, CH-3421 Lyssach (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CRIGLER, John, Richard [US/US]; 2705 Cantor Drive, Morgan Hill, CA 95037 (US).

(74) BOVARD LTD.; Optingenstrasse 16, CH-3000 Berne 25 (CH).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> E04C 5/10

(11) WO 00/70167 (13) A1

(21) PCT/US00/13340

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 09/311,953 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● BONDED PRESTRESSING SYSTEM  
● SYSTÈME DE PRECONTRAINTE FIXE

(71) RAFFENSPERGER, Patricia [US/US]; 10335 Belladrum, Alpharetta, GA 30022 (US).

(72) RAFFENSPERGER, Bradford, J.; 10335 Belladrum, Alpharetta, GA 30022 (US).

(74) ROSENBERG, Sumner, C. et al. / etc.; Needle & Rosenberg, Suite 1200, 127 Peachtree Street, Atlanta, GA 30303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04F 15/20, 15/02

(11) WO 00/70168 (13) A1

(21) PCT/EP00/00389

(22) 19 Jan/jan 2000 (19.01.2000)

(25) de (26) de

(30) 299 08 733.6 18 May/mai 1999 DE (18.05.1999)

(30) 299 19 038.2 29 Oct/oct 1999 DE (29.10.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● SOUND-PROOFING DEVICE FOR FLOOR COVERINGS

● DISPOSITIF D'ISOLATION ACOUSTIQUE POUR REVETEMENTS DE SOL

(71) WPT GMBH POLYMERTECHNIK [DE/DE]; Nord-West-Ring 21, D-32832 Augustdorf (DE).

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

(72, 75) WINDMÖLLER, Ulrich [DE/DE]; Ottenheide 60, D-33758 Schloss Holte-Stukenbrock (DE). KRUSE, Georg [DE/DE]; Braker Strasse 147, D-32052 Herford (DE). KETTLER, Volker [DE/DE]; Alte Bielefelder Strasse 33, D-33824 Werther (DE). ROSE, Stefan [DE/DE]; Augusta-Strasse 21, D-59581 Warstein (DE).

(74) Meinke, Julius et al. / etc.; Rosa-Luxemburg-Strasse 18, D-44141 Dortmund (DE).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04G 3/00

(11) WO 00/70169 (13) A1

(21) PCT/US00/13136

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 11/132328 13 May/mai 1999 JP (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● LIFT SHAFT WORKING PLATFORM  
● PLATE-FORME DE TRAVAIL POUR CAGE D'ASCENSEUR

(71) OTIS ELEVATOR COMPANY [US/US]; 10 Farm Springs, Farmington, CT 06032-2568 (US).

(72) YAMADA, Tetsu; 582-0006, 2-6-22 Kiyosu, Kashiwara-shi, Osaka-fu (JP). SHIGEMATSU, Kunio; 286-0201, 5-3-6 Hiyoshidai, Tomisatomachi, Inbagun (JP). GLASSEY, Thomas, E.; 20 Washington Street, Plainville, CT 06062 (US). ALLEN, Stewart, E.; Beechwood, Green Lane, Glusburn, North Yorkshire BD20 8RU (GB).

(74) OLDS, Theodore, W. et al. / etc.; Howard & Howard Attorneys, P.C., Suite 101, 39400 Woodward Avenue, Bloomfield Hills, MI 48304-5151 (US).

(81) BR CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> E04H 17/00, E01F 13/04, E06B 11/02

(11) WO 00/70170 (13) A1

(21) PCT/GB00/01809

- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 9911104.9 **13 May/mai 1999 GB (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • FOLDING FENCE  
• CLOTURE PLIANTE
- (71, 72) **COOKE, Dennis, Victor** [GB/GB]; Connantre House, Warfield Street, Warfield, Bracknell, Berkshire RG42 6AR (GB).
- (74) **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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **E05B 9/08, 33/00**
- (11) **WO 00/70171** (13) A1
- (21) PCT/US00/13547
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 60,134,586 **17 May/mai 1999 US (17.05.1999)**
- (30) 60,139,435 **16 Jun/juin 1999 US (16.06.1999)**
- (30) Not furnished / non communiqué **17 May/mai 2000 US (17.05.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PUSH LOCK  
• SERRURE-POUSSOIR
- (71) **SOUTHCO, INC.** [US/US]; 210 N. Brinton Lake Road, Concordville, PA 19331 (US).
- (74) **MCCONNON, James, C.**; Paul & Paul, 2900 Two Thousand Market Street, Philadelphia, PA 19103 (US).
- (81) AT AU BR CA CH CN CZ DE DK ES FI GB HU ID IL IN JP KR LU MX NO NZ PL PT RU SE SG SI TR UA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **E05B 15/02**
- (11) **WO 00/70172** (13) A1
- (21) PCT/AU00/00443
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) PQ 0292 **12 May/mai 1999 AU (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SECURITY ARRANGEMENT  
• DISPOSITIF DE SECURITE
- (71) **INOVEC PTY LTD** [AU/AU]; 5 Vincenzo Street, Fairview Park, S.A. 5126 (AU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KEIGHTLEY, Kym, John** [AU/AU]; 5 Vincenzo Street, Fairview Park, S.A. 5126 (AU).
- (74) **MADDERNS**; Level 1, 64 Hindmarsh Square, Adelaide, S.A. 5000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (b)
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- (51)<sup>7</sup> **E05B 17/20, E05C 19/00**
- (11) **WO 00/70173** (13) A1
- (21) PCT/SE00/00929
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) sv (26) en
- (30) 9901753-5 **14 May/mai 1999 SE (14.05.1999)**
- (30) 0000180-0 **21 Jan/jan 2000 SE (21.01.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A DEVICE FOR LOCKING A DOOR ELEMENT IN AN OPENING TO A SPACE  
• DISPOSITIF DE VERROUILLAGE POUR ELEMENT DE PORTE
- (71) **WYSTRÅHLE, Evelyn** [SE/SE]; Farsta Slottsväg 7, S-134 40 Gustavsberg (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) **ÅSÉN, Sten** [SE/SE]; Farsta Slottsväg 7, S-134 40 Gustavsberg (SE).
- (74) **BERGLUND, Stefan** et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 Stockholm (SE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **E05B 53/00, F16C 1/10, 1/26**
- (11) **WO 00/70174** (13) A1
- (21) PCT/GB00/01769
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 9911258.3 **15 May/mai 1999 GB (15.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LATCH ASSEMBLY  
• DISPOSITIF DE VERROUILLAGE
- (71) **MERITOR LIGHT VEHICLE SYSTEMS (UK) LIMITED** [GB/GB]; Fordhouse Lane, Stirchley, Birmingham B30 3BW (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LI, Mark, Hao** [CA/GB]; 68 Warwick Crest, Arthur Road, Edgbaston, Birmingham B15 2LH (GB).
- (74) **JONES, John, Bryn** et al. / etc.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).
- (81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **E05B 65/19**
- (11) **WO 00/70175** (13) A1
- (21) PCT/GB00/01770
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 9911262.5 **15 May/mai 1999 GB (15.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LATCH HOUSING  
• LOGEMENT DE SERRURE
- (71) **MERITOR LIGHT VEHICLE SYSTEMS (UK) LTD.** [GB/GB]; Fordhouse Lane, Stirchley, Birmingham B30 3BW (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WILLIAMS, David** [GB/GB]; 4 Newlands Close, Willen Hall, West Midlands WV13 2DQ (GB).
- (74) **JONES, John, Bryn** et al. / etc.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).
- (81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **E05B 65/19**
- (11) **WO 00/70176** (13) A1
- (21) PCT/GB00/01772
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 9911260.9 **15 May/mai 1999 GB (15.05.1999)**



(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● CABLE FOR RELEASING A BOOT LATCH

● CABLE DE DEVERROUILLAGE D'UN PENE DE COFFRE

(71) **MERITOR LIGHT VEHICLE SYSTEMS (UK) LIMITED** [GB/GB]; Fordhouse Lane, Stirchley, Birmingham B30 3BW (GB).

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

(72, 75) **SPURR, Nigel, Victor** [GB/GB]; 119 Tixall Road, Hall Green, Birmingham B28 0RP (GB).

(74) **JONES, John, Bryn** et al. / etc.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **E05B 65/19**

(11) **WO 00/70177** (13) A1

(21) PCT/GB00/01796

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 9911263.3 **15 May/mai 1999 GB (15.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● LATCH

● VERROU

(71) **MERITOR LIGHT VEHICLE SYSTEMS (UK) LIMITED** [GB/GB]; Fordhouse Lane, Stirchley, Birmingham B30 3BW (GB).

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

(72, 75) **LI, Mark, Hao** [CA/GB]; 68 Warwick Crest, Arthur Road, Edgbaston, Birmingham B15 2LH (GB). **WILLIAMS, David** [GB/GB]; 4 Newlands Close, Willenhall, West Midlands WV13 2DQ (GB).

(74) **JONES, John, B.** et al. / etc.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **E05C 3/06**

(11) **WO 00/70178** (13) A1

(21) PCT/US00/06717

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/133,872 **12 May/mai 1999 US (12.05.1999)**

(30) 09/565,068 **5 May/mai 2000 US (05.05.2000)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● IMPROVED ELECTRONIC LOCK

● VERROU ELECTRONIQUE AME-LIORE

(71) **MILOCON CORPORATION** [US/US]; 8560 Cinderbed Road, Suite 400, Newington, VA 22122 (US).

(72) **KUNTZ, Scott**; 1930 Case Parkway North, Twinsburg, OH 44087 (US). **HOFENER, Paul**; 4410 Starry Drive, Parma, OH 44134 (US).

(74) **BRODY, Christopher, W.** et al. / etc.; Clark & Brody, Suite 600, 1750 K Street, NW, Washington, DC 20006 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **E05F 15/00, H01L 41/087**

(11) **WO 00/70179** (13) A1

(21) PCT/JP00/03003

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 11/132250 **13 May/mai 1999 JP (13.05.1999)**

(30) 11/156121 **3 Jun/juin 1999 JP (03.06.1999)**

(30) 11/235039 **23 Aug/août 1999 JP (23.08.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● PRESSURE-SENSITIVE SENSOR, OBJECT DETECTING DEVICE, AND OPENING-CLOSING DEVICE

● CAPTEUR A PRESSION, DISPOSITIF DE DETECTION D'OBJETS ET DISPOSITIF D'OUVERTURE-FERMETURE

(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) **OGINO, Hiroyuki** [JP/JP]; 2-35, Amagatsuji Nakamachi, Nara-shi, Nara 630-8024 (JP). **NAKATANI, Naofumi** [JP/JP]; 3-3-4-208, Nishimiyahara, Yodogawa-ku, Osaka-shi, Osaka 532-0004 (JP). **YOSHINO, Koji** [JP/JP]; 647-15, Nukatabekitamachi, Yamatokoriyama-shi, Nara 639-1037 (JP). **NAGAI, Takeshi** [JP/JP]; 1673-4, Owada, Kawai-cho, Kitakatsuragi-gun, Nara 636-0093 (JP). **KANAZAWA, Narutoshi** [JP/JP]; 5-9-409, Shinkanaoka-cho 2-cho, Sakai-shi, Osaka 591-8021 (JP). **ITO, Masahiko** [JP/JP]; 129-10-404, Shinga-cho, Kashihara-shi, Nara 634-0006 (JP). **FUJII, Yuko** [JP/JP];

71-2, Izumihara-cho, Yamatokoriyama-shi, Nara 639-1056 (JP).

(74) **IWAHASHI, Fumio** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **E06B 3/54, E04B 2/90, E04F 13/14**

(11) **WO 00/70180** (13) A1

(21) PCT/EP00/03961

(22) **3 May/mai 2000 (03.05.2000)**

(25) de (26) de

(30) 199 22 472.2 **19 May/mai 1999 DE (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● FASTENING OF A GLASS PANE TO SUPPORTING STRUCTURES

● FIXATION D'UNE PLAQUE DE VERRE SUR UNE CHARPENTE

(71) **DORMA GMBH + CO. KG** [DE/DE]; Breckerfelder Strasse 42-48, D-58256 Ennepetal (DE).

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

(72, 75) **JANUTTA, Reinhard** [DE/DE]; Rebhuhnweg 38, D-33415 Verl (DE).

(74) **GINZEL, Lothar**; Dorma GmbH + Co. KG, Breckerfelder Strasse 42-48, D-58256 Ennepetal (DE).

(81) AU CA CN CZ HU IL JP MX PL SG SK US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **E06B 5/16, 3/663, B32B 17/10, C08L 23/22**

(11) **WO 00/70181** (13) A1

(21) PCT/EP00/04350

(22) **15 May/mai 2000 (15.05.2000)**

(25) fr (26) fr

(30) 199 22 507.9 **15 May/mai 1999 DE (15.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● FIRE PROTECTION GLAZING, METHOD FOR PRODUCING THE SAME AND MATERIAL USED IN THIS PRODUCTION METHOD

● VITRAGE DE PROTECTION CONTRE LE FEU, PROCEDE DE FABRICATION ET MATERIAU UTILISABLE POUR CETTE FABRICATION

(71) **VETROTECH SAINT-GOBAIN (INTERNATIONAL) AG** [CH/CH]; Stauffacherstrasse 128, CH-3014 Bern (CH).

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

- (72, 75) **GELDERIE, Udo** [DE/DE]; An der Waldmeisterhütte 26, D-52222 Stolberg (DE). **FROMMELT, Simon** [DE/DE]; Ittertalstrasse 39, D-42781 Haan (DE).
- (74) **CARDIN, Elise** et al. / etc.; Saint-Gobain Recherche, 39, quai Lucien Lefranc, F-93300 Aubervilliers (FR).
- (81) CZ JP KR PL RO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **E06C 7/16**
- (11) **WO 00/70182** (13) A1
- (21) PCT/NO00/00134
- (22) **19 Apr/avr 2000 (19.04.2000)**
- (25) no (26) en
- (30) 19991871 **20 Apr/avr 1999 NO (20.04.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **PORTABLE WORKING PLATFORM**  
• **PLATE-FORME DE TRAVAIL PORTABLE**
- (71) **QUICK FIX AS** [NO/NO]; P.O. Box 2002, N-1760 Halden (NO).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FAANES, Per, Åge** [NO/NO]; P.O. Box 126, N-2001 Lillestrøm (NO).
- (74) **PROTECTOR INTELLECTUAL PROPERTY CONSULTANTS AS**; P.O. Box 5074 Majorstua, N-0301 Oslo (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **E21B 7/06, 29/00, 29/02, 43/30**
- (11) **WO 00/70183** (13) A1
- (21) PCT/GB00/01696
- (22) **4 May/mai 2000 (04.05.2000)**
- (25) en (26) en
- (30) 09/312,140 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **IN-TUBING WELLBORE SIDETRACKING OPERATIONS**  
• **OPERATIONS DE GUIDAGE LATÉRAL DANS LA COLONNE D'UN Puits de forage**
- (71) **WEATHERFORD / LAMB, INC.** [US/US]; Suite 600, 515 Post Oak Boulevard, Houston, TX 77027 (US).
- (71) **HARDING, Richard, Patrick** [GB/GB]; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford, Oxfordshire OX4 2RU (GB).  
*(only for / seulement pour GB)*
- (72) **ROBERTS, John, D.**; 16423 Fox Crossing Lane, Spring, TX 77379 (US). **LONGBOTTOM, James**; 25311 Winding Creek Court, Magnolia, TX 77353 (US). **HAUGEN, David, M.**; 408 N. Iowa Avenue, League City, TX 77573 (US). **DAWSON, Alex**; "Aultgowrie", 124 Moss Street, Keith, Grampian AB55 5EZ (GB). **DUGUID, David**; 22 Hilltop Drive, Westhill, Aberdeen, Grampian AB32 6PL (GB). **MIDDLETON, Frank, Alexander**; Weatherford Oil Tools Middle East Ltd., P.O. Box 4627, Dubai (AE). **BINGHAM, Brian**; 6509 Lauren Lane, Pearland, TX 77584 (US). **HORST, Todd**; 1629 West Main Street, Houston, TX 77006 (US).
- (74) **HARDING, Richard, Patrick**; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford, Oxfordshire OX4 2RU (GB).
- (81) AU CA GB NO; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **E21B 10/30**
- (11) **WO 00/70184** (13) A1
- (21) PCT/US00/13268
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 60/134,100 **14 May/mai 1999 US (14.05.1999)**
- (30) 60/160,771 **21 Oct/oct 1999 US (21.10.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **HOLE OPENER WITH MULTISIZED, REPLACEABLE ARMS AND CUTTERS**  
• **ELARGISSEUR MUNI DE BRAS ET DE FRAISES DE TAILLES MULTIPLES REMPLAÇABLES**
- (71, 72) **RIVES, Allen, Kent** [US/US]; 11831 Pebbleton, Houston, TX 77070 (US).
- (74) **LUNDEEN, Daniel, N.** et al. / etc.; Lundeen & Arismendi, LLP, Suite 1230, 1700 West Loop South, Houston, TX 77027 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **E21B 33/076, 34/04, 33/035**
- (11) **WO 00/70185** (13) A1
- (21) PCT/GB00/01785
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 9911146.0 **14 May/mai 1999 GB (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **RECOVERY OF PRODUCTION FLUIDS FROM AN OIL OR GAS WELL**  
• **RECUPERATION DES FLUIDES DE PRODUCTION DANS UN Puits de pétrole ou de gaz**
- (71) **DES ENHANCED RECOVERY LIMITED** [GB/GB]; Ramstone Millhouse, Moneymusk, Aberdeenshire AB51 7TS (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DONALD, Ian** [GB/GB]; Ramstone Millhouse, Moneymusk, Aberdeenshire AB51 7TS (GB). **STEELE, James** [GB/GB]; Sylvatica, 5 Corse Avenue, Kingswells, Aberdeen AB15 8TL (GB).
- (74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **E21B 43/27**
- (11) **WO 00/70186** (13) A1
- (21) PCT/US00/12759
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 09/311,690 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **METHOD FOR ACIDIZING A SUBTERRANEAN FORMATION**  
• **PROCÉDÉ D'ACIDIFICATION DE FORMATION SOUTERRAINE**
- (71) **SCHLUMBERGER TECHNOLOGY CORPORATION** [US/US]; 110 Schlumberger Drive, Sugar Land, TX 77478 (US).
- (72) **CHANG, Frank**; 7215 Emerald Glen Drive, Sugar Land, TX 77479 (US). **THOMAS, Ronnie, L.**; Saudi Aramco, P.O. Box 9818, 31311 Dhahran (SA). **GRANT, Walter, D., Jr.**; 3200 Sunflower Trail, College Station, TX 77845 (US).
- (74) **NAVA, Robin, C.** et al. / etc.; Schlumberger Technology Corporation, 110 Schlumberger Drive, MD1, Sugar Land, TX 77478 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> E21B 47/01, 47/10, G01F 15/00

(11) WO 00/70187 (13) A1

(21) PCT/US00/13237

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/133,904 13 May/mai 1999 US (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FLOW MONITORING AND CONTROL IN MULTI-LATERAL WELLBORES  
• CONTROLE ET REGULATION D'UN FLUX DANS DES PUITTS DE FORAGE MULTILATERAUX

(71) BAKER HUGHES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(72) BUSSEAR, Terry, R.; 1907 San Jose, Friendswood, TX 77546 (US).

(74) RIDDLE, J., Albert et al. / etc.; Baker Hughes Incorporated, Suite 1200, 3900 Essex Lane, Houston, TX 77040 (US).

(81) AU BR CA GB NO.

(51)<sup>7</sup> F01C 1/12

(11) WO 00/70188 (13) A1

(21) PCT/SI00/00014

(22) 19 May/mai 2000 (19.05.2000)

(25) sl (26) en

(30) P-9900121 19 May/mai 1999 SI (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • INTERNAL COMBUSTION ENGINE  
• MOTEUR A COMBUSTION INTERNE

(71) LONČARIČ, Josip [SI/SI]; Andreaševa 8, 1000 Ljubljana (SI).  
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) BOSIOKOVIČ, Čedomir [SI/SI]; Jakšičeva 1, 1000 Ljubljana (SI).

(74) PIPAN, Marjan; Kotnikova 5, 1000 Ljubljana (SI).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F01D 1/02, 9/02, F04D 5/00, 23/00

(11) WO 00/70189 (13) A1

(21) PCT/RU00/00132

(22) 14 Apr/avr 2000 (14.04.2000)

(25) ru (26) ru

(30) 99109484 12 May/mai 1999 RU (12.05.1999)

(30) 99119419 2 Sep/sep 1999 RU (02.09.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ROTARY EDDY MACHINE  
• MACHINE TOURBILLONNAIRE ROTATIVE

(71, 72) ANOKHIN, Vladimir Dmitrievich [RU/RU]; Orekhovy b-r, 37-1-298, Moscow, 115573 (RU). LEPEKHA, Anatoly Ivanovich [RU/RU]; ul. Vesyelaya, 3-155, Moscow, 115541 (RU).

(74) POPOV, Andrei Sergeevich; Sredny Kislovsky per., 7/10-26, Moscow, 103009 (RU).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> F01D 5/28, C22C 21/02, C23C 2/12, 24/10, 10/22

(11) WO 00/70190 (13) A1

(21) PCT/EP00/04319

(22) 12 May/mai 2000 (12.05.2000)

(25) de (26) de

(30) 99109627.2 14 May/mai 1999 EP (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • COMPONENT AND METHOD FOR PRODUCING A PROTECTIVE COATING ON A COMPONENT  
• ELEMENT ET PROCEDE POUR PRODUIRE UN REVETEMENT DE PROTECTION SUR UN ELEMENT

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

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

(72, 75) SCHMITZ, Friedhelm [DE/DE]; Elisabethstrasse 39, D-46537 Dinslaken (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, D-80506 München (DE).

(81) CA CN IN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> F01D 11/00

(11) WO 00/70191 (13) A1

(21) PCT/DE00/01550

(22) 15 May/mai 2000 (15.05.2000)

(25) de (26) de

(30) 199 22 256.8 14 May/mai 1999 DE (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SEALING SYSTEM FOR A ROTOR OF A TURBO ENGINE  
• SYSTEME D'ETANCHEITE POUR UN ROTOR D'UNE TURBOMACHINE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TIEMANN, Peter [DE/DE]; Gerichtstrasse 4, D-58452 Witten (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, D-80506 München (DE).

(81) CA CN IN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> F01D 11/00, F16J 15/08

(11) WO 00/70192 (13) A1

(21) PCT/EP00/04284

(22) 11 May/mai 2000 (11.05.2000)

(25) de (26) de

(30) 99109530.8 12 May/mai 1999 EP (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SEAL FOR SEALING A GAP, IN PARTICULAR IN A TURBINE, AND A TURBINE  
• GARNITURE POUR L'ETANCHEIFICATION D'UNE FENTE, EN PARTICULIER D'UNE TURBINE, ET TURBINE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TIEMANN, Peter** [DE/DE]; Gerichtsstrasse 4, D-58452 Witten (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) CN IN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> **F01D 11/00**

(11) **WO 00/70193** (13) A1

(21) PCT/EP00/04317

(22) **12 May/mai 2000 (12.05.2000)**

(25) de (26) de

(30) 99109630.6 **14 May/mai 1999 EP (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **TURBO-MACHINE COMPRISING A SEALING SYSTEM FOR A ROTOR**

• **TURBOMACHINE COMPORTANT UN SYSTEME D'ETANCHEITE POUR UN ROTOR**

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

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

(72, 75) **TIEMANN, Peter** [DE/DE]; Gerichtsstrasse 4, D-58452 Witten (DE). **STRASSBERGER, Michael** [DE/DE]; In der Aue 10, D-44879 Bochum (DE). **REICHERT, Arnd** [DE/DE]; Mainstrasse 31, D-47051 Duisburg (DE). **LIESER, Dirk** [DE/DE]; Overhoffstrasse 193, D-44149 Dortmund (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) CA CN IN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **F01L 9/04**

(11) **WO 00/70194** (13) A1

(21) PCT/DE00/01033

(22) **4 Apr/avr 2000 (04.04.2000)**

(25) de (26) de

(30) 199 22 425.0 **14 May/mai 1999 DE (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **ELECTROMECHANICAL ACTUATOR**

• **ACTIONNEUR ELECTROMECHANIQUE**

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE). **BAYERISCHE MOTORENWERKE AG** [DE/DE]; Petuelring 130, D-80809 München (DE).

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

(72, 75) **BAUER, Erwin** [DE/DZ]; Salzgasse 1a, 93059 Regensburg (DZ). **ZINK, Hanspeter** [DE/DE]; Schwandorfer Str. 8a,

D-93059 Regensdorf (DE). **BOHNE, Wolfram** [DE/DE]; Maximilianstrasse 23, D-82140 Olching (DE). **HUNDT, Wolfgang** [DE/DE]; Freseniusstr. 20, D-81247 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **F01L 9/04**

(11) **WO 00/70195** (13) A1

(21) PCT/DE00/01483

(22) **11 May/mai 2000 (11.05.2000)**

(25) de (26) de

(30) 199 22 423.4 **14 May/mai 1999 DE (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **ELECTRO-MECHANICAL SERVO-DRIVE**

• **SERVOMOTEUR ELECTROMECHANIQUE**

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE). **BAYERISCHE MOTORENWERKE AG** [DE/DE]; Petuelring 130, D-80788 München (DE).

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

(72, 75) **BAUER, Erwin** [DE/DE]; Pfarrbrückenweg 6, D-84137 Vilsbiburg (DE). **BOHNE, Wolfram** [DE/DE]; Maximilianstrasse 23, D-82140 Olching (DE). **COSFELD, Ralf** [DE/DE]; Knorrstrasse 21 A, D-80807 München (DE). **ZINK, Hanspeter** [DE/DE]; Schwandorfer Strasse 8 A, D-93059 Regensburg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> **F01L 9/04**

(11) **WO 00/70196** (13) A1

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(22) **12 May/mai 2000 (12.05.2000)**

(25) de (26) de

(30) 199 22 427.7 **14 May/mai 1999 DE (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **ELECTROMAGNETIC MULTIPLE ACTUATOR**

• **MECANISME DE COMMANDE MULTIPLE ELECTROMAGNETIQUE**

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE). **BAYERISCHE MOTORENWERKE AG** [DE/DE]; Petuelring 130, D-80788 München (DE).

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

(72, 75) **BAUER, Erwin** [DE/DE]; Pfarrbrückenweg 6, D-84137 Vilsbiburg (DE). **HÖRL-LIEGL, Albert** [DE/DE]; Ritterland 38, D-85570 Ottenhofen (DE). **LÖBBERING, Ferdinand** [DE/DE]; Amsehweg 6, D-93087 Altteglofsheim (DE). **LOIDL, Stefan** [DE/DE]; Moosefeldstr. 6, D-82275 Emmering (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> **F01L 9/04**

(11) **WO 00/70197** (13) A1

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(22) **12 May/mai 2000 (12.05.2000)**

(25) de (26) de

(30) 199 22 426.9 **14 May/mai 1999 DE (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **ELECTROMECHANICAL ACTUATOR**  
• **MECANISME DE COMMANDE ELECTROMECHANIQUE**

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE). **BAYERISCHE MOTORENWERKE AG** [DE/DE]; Petuelring 130, 80788 München (DE).

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

(72, 75) **BAUER, Erwin** [DE/DE]; Pfarrbrückenweg 6, 84137 Vilsbiburg (DE). **ZINK, Hanspeter** [DE/DE]; Schwandorfer Strasse 8 A, 93059 Regensburg (DE). **LOIDL, Stefan** [DE/DE]; Moosefeldstr. 6, 82275 Emmering (DE). **HUNDT, Wolfgang** [DE/DE]; Freseniusstr. 20, 81247 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> **F01L 9/04, F02D 33/02**

(11) **WO 00/70198** (13) A1

(21) PCT/EP00/04464

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 969.4 **19 May/mai 1999 DE (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **METHOD FOR OPERATING AN ELECTROMAGNETIC VALVE GEAR FOR ACTUATING A GAS EXCHANGE VALVE IN A PISTON INTERNAL COMBUSTION ENGINE**

• **PROCEDE POUR L'EXPLOITATION D'UN MECANISME DE DISTRIBUTION ELECTROMAGNETIQUE POUR**

L'ACTIONNEMENT D'UNE SOUPAPE D'ECHANGE GAZEUX SUR UN MOTEUR A COMBUSTION INTERNE A PISTON

(71) **FEV MOTORENTECHNIK GMBH** [DE/DE]; Neuenhofstrasse 181, D-52078 Aachen (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMITZ, Günter** [DE/DE]; Veneterstrasse 23, D-52074 Aachen (DE). **BOIE, Christian** [DE/DE]; Goethestrasse 25, D-52064 Aachen (DE). **HAGEN, Jürgen** [DE/DE]; Komphausbadstrasse 4, D-52062 Aachen (DE).

(74) **LANGMAACK, Jürgen** et al. / etc.; Postfach 51 08 06, D-50944 Köln (DE).

(81) DE JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> **F01M 11/04**

(11) **WO 00/70199** (13) A1

(21) PCT/US00/10912

(22) **24 Apr/avr 2000 (24.04.2000)**

(25) en (26) en

(30) 09/313,687 **18 May/mai 1999** US (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • VACUUM ADAPTER FOR MAINTAINING FLUID IN A VESSEL

• ADAPTATEUR A VIDE POUR MAINTENIR UN FLUIDE DANS UN RECIPIENT

(71) **PRISM ENTERPRISES, INC.** [US/US]; 6952 Fairgrounds Parkway, San Antonio, TX 78238 (US).

(72) **MOORE, James, E., Jr.**; 14930 Stuart Road, San Antonio, TX 78223 (US).

(74) **RUSCHAU, Pamela, J.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 North Stetson, Chicago, IL 60601-6780 (US).

(81) AU CA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>6</sup> **F01N 1/08**

(11) **WO 00/70200** (13) A1

(21) PCT/US99/10725

(22) **12 May/mai 1999 (12.05.1999)**

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • INVERTED CONE TUNED EXHAUST SYSTEM

• SYSTÈME D'ÉVACUATION CALBRÉE À CÔNE INVERSÉ

(71, 72) **BIRKEL, Jeffrey, F.** [US/US]; 4004 Hollow Trace Drive, Peoria, IL 61615 (US).

(74) **LITMAN, Richard, C.**; Litman Law Offices, Ltd., P.O. Box 15035, Crystal City Station, Arlington, VA 22215-0035 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F01N 3/08, F02D 41/02**

(11) **WO 00/70201** (13) A1

(21) PCT/EP00/03582

(22) **20 Apr/avr 2000 (20.04.2000)**

(25) de (26) de

(30) 199 21 973.7 **12 May/mai 1999** DE (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR DESULPHURATING A NOX-STORAGE CATALYST THAT IS ARRANGED IN AN EXHAUST CHANNEL OF A COMBUSTION ENGINE

• PROCEDE DE DESULFURATION D'AU MOINS UN CATALYSEUR DE STOCKAGE DE NOX DISPOSE DANS LE TUYAU D'ÉCHAPPEMENT D'UN MOTEUR A COMBUSTION INTERNE

(71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; D-38436 Wolfsburg (DE).

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

(72, 75) **POTT, Ekkehard** [DE/DE]; Westring 33, D-38518 Gifhorn (DE).

(74) **VOLKSWAGEN AKTIENGESELLSCHAFT**; Brieffach 1770, D-38436 Wolfsburg (DE).

(81) CN IN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **F01N 3/08, 3/28**

(11) **WO 00/70202** (13) A1

(21) PCT/EP00/03595

(22) **20 Apr/avr 2000 (20.04.2000)**

(25) de (26) de

(30) 199 21 974.5 **12 May/mai 1999** DE (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR REDUCING HARMFUL COMPONENTS IN THE EXHAUST GAS OF AN INTERNAL COMBUSTION ENGINE, ESPECIALLY A DIESEL-INTERNAL COMBUSTION ENGINE

• DISPOSITIF SERVANT A LIMITER LA QUANTITE DE COMPOSANTS NOCIFS PRESENTS DANS LES GAZ D'ÉCHAPPEMENT D'UN MOTEUR A COMBUSTION INTERNE, EN PARTICULIER D'UN MOTEUR A COMBUSTION INTERNE DIESEL

(71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; 38436 Wolfsburg (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENGELER, Werner** [DE/DE]; Westring 9, 38527 Meine (DE). **BECHMANN, Olaf** [DE/DE]; Engelbosteler Damm 63, 30167 Hannover (DE). **DORÉ, Pascal** [DE/DE]; Albert-Schweitzer-Strasse 1, 38518 Gifhorn (DE). **HOHLSTEIN, Günter** [DE/DE]; Rodekamp 16, 38176 Wendeburg (DE). **KAHMANN, Gerhard** [DE/DE]; Fallsteinweg 55, 38302 Wolfenbüttel (DE). **DÜSTERDIEK, Thorsten** [DE/DE]; Jakobistrasse 34, 30163 Hannover (DE).

(74) **VOLKSWAGEN AKTIENGESELLSCHAFT**; Brieffach 1770, 38436 Wolfsburg (DE).

(81) CN IN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> **F01N 3/08, F02D 41/02**

(11) **WO 00/70203** (13) A1

(21) PCT/EP00/03621

(22) **20 Apr/avr 2000 (20.04.2000)**

(25) de (26) de

(30) 199 21 972.9 **12 May/mai 1999** DE (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DESULPHURISATION METHOD

• PROCEDE DE DESULFURATION

(71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; D-38436 Wolfsburg (DE).

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

(72, 75) **POTT, Ekkehard** [DE/DE]; Westring 33, D-38518 Gifhorn (DE).

(74) **VOLKSWAGEN AKTIENGESELLSCHAFT**; Brieffach 1770, D-38436 Wolfsburg (DE).

(81) CN IN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **F01N 3/08, F02D 41/02**

(11) **WO 00/70204** (13) A1

(21) PCT/EP00/04298

(22) **12 May/mai 2000 (12.05.2000)**

(25) de (26) de

(30) 199 21 971.0 **12 May/mai 1999** DE (12.05.1999)

- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● EXHAUST GAS PURIFYING METHOD AND EXHAUST GAS PURIFYING DEVICE WITH AN NO<sub>x</sub>-STORAGE CATALYST AND A PRECATALYST
- PROCEDE D'EPURATION DE GAZ D'ECHAPPEMENT ET DISPOSITIF D'EPURATION DOTE D'UN CATALYSEUR DE STOCKAGE DE NO<sub>x</sub> ET D'UN PRECATALYSEUR
- (71) VOLKSWAGEN AKTIENGESELLSCHAFT [DE/DE]; D-38436 Wolfsburg (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) POTT, Ekkehard [DE/DE]; Westring 33, D-38518 Gifhorn (DE).
- (74) VOLKSWAGEN AKTIENGESELLSCHAFT; Brieffach 1770, D-38436 Wolfsburg (DE).
- (81) CN IN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> F01N 3/28
- (11) WO 00/70205 (13) A1
- (21) PCT/DE00/01488
- (22) 12 May/mai 2000 (12.05.2000)
- (25) de (26) de
- (30) 199 22 357.2 14 May/mai 1999 DE (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● HONEYCOMBED BODY AND METHOD FOR THE PRODUCTION THEREOF
- CORPS EN NIDS D'ABEILLES ET SON PROCEDE DE FABRICATION
- (71, 72) SWARS, Helmut [DE/DE]; Riedweg 11, D-51429 Bergisch Gladbach (DE).
- (74) LIPPERT, STACHOW, SCHMIDT & PARTNER; Frankenforster Strasse 135-137, D-51427 Bergisch Gladbach (DE).
- (81) BR IN JP KR RU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> F01N 3/28
- (11) WO 00/70206 (13) A1
- (21) PCT/DE00/01490
- (22) 12 May/mai 2000 (12.05.2000)
- (25) de (26) de
- (30) 199 22 357.2 14 May/mai 1999 DE (14.05.1999)
- (30) 199 22 356.4 14 May/mai 1999 DE (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● HONEYCOMB ELEMENT
- CORPS ALVEOLAIRE
- (71, 72) SWARS, Helmut [DE/DE]; Riedweg 11, D-51429 Bergisch Gladbach (DE).
- (74) LIPPERT, STACHOW, SCHMIDT & PARTNER; Frankenforster Strasse 135-137, D-51427 Bergisch Gladbach (DE).
- (81) BR IN JP KR RU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> F01N 3/28
- (11) WO 00/70208 (13) A1
- (21) PCT/DE00/01495
- (22) 12 May/mai 2000 (12.05.2000)
- (25) de (26) de
- (30) 199 22 355.6 14 May/mai 1999 DE (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● CATALYST SUPPORTING BODY
- SUPPORT DE POT CATALYTIQUE
- (71, 72) SWARS, Helmut [DE/DE]; Riedweg 11, D-51429 Bergisch Gladbach (DE).
- (74) LIPPERT, STACHOW, SCHMIDT & PARTNER; Frankenforster Strasse 135-137, D-51427 Bergisch Gladbach (DE).
- (81) BR IN JP KR RU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> F01P 9/02
- (11) WO 00/70209 (13) A1
- (21) PCT/US00/13336
- (22) 15 May/mai 2000 (15.05.2000)
- (25) en (26) en
- (30) 09/311,768 13 May/mai 1999 US (13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● HERMETICALLY-SEALED ENGINE COOLING SYSTEM AND RELATED METHOD OF COOLING
- SYSTEME HERMETIQUE DE REFROIDISSEMENT DE MOTEUR ET PROCEDE DE REFROIDISSEMENT CORRESPONDANT
- (71) EVANS COOLING SYSTEMS, INC. [US/US]; 255 Route 41 North, Sharon, CT 06069 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) EVANS, John, W. [US/US]; 255 Route 41 North, Sharon, CT 06069 (US).
- (74) GIARRATANA, Mark, D. et al. / etc.; Cummings & Lockwood, Granite Square, 700 State Sreet, P.O. Box 1960, New Haven, CT 06509-1960 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F02B 1/04, 75/34, F02M 71/02, F04B 39/00, F01B 29/04, F01L 11/02
- (11) WO 00/70210 (13) A1
- (21) PCT/DE00/01514
- (22) 15 May/mai 2000 (15.05.2000)
- (25) de (26) de
- (30) 199 22 217.7 14 May/mai 1999 DE (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● INTERNAL COMBUSTION ENGINE WHICH PRODUCES SMALL AMOUNTS OF EXHAUST GAS
- MOTEUR A COMBUSTION INTERNE A TAUX DE GAZ D'ECHAPPEMENT REDUIT
- (71) STATELLO, Gaetano [IT/DE]; Grabenstrasse 19, D-73033 Göppingen (DE). BARBUSCA, Roberto [IT/DE]; Grabenstrasse 18, D-73033 Göppingen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) MOZZI, Andreas [IT/DE]; Römerstrasse 46, D-73066 Uhingen (DE).
- (74) RÜGER, BARTHELT & ABEL; Webergasse 3, D-73728 Esslingen (DE).
- (81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (51)<sup>7</sup> **F02B 33/22**  
 (11) **WO 00/70211** (13) A1  
 (21) PCT/US00/12288  
 (22) **8 May/mai 2000 (08.05.2000)**  
 (25) en (26) en  
 (30) 09/314,765 **19 May/mai 1999 US (19.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **LOW EMISSIONS TWO-CYCLE INTERNAL COMBUSTION ENGINE**  
 • **MOTEUR THERMIQUE A DEUX TEMPS, A FAIBLES EMISSIONS**  
 (71, 72) **LAYDERA-COLLINS, Imack** [US/US]; 9409 Chaparral Lane, Shreveport, LA 71118 (US).  
 (81) CN DE ES IN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **F02C 1/05, 6/00**  
 (11) **WO 00/70212** (13) A1  
 (21) PCT/FR00/01277  
 (22) **11 May/mai 2000 (11.05.2000)**  
 (25) fr (26) fr  
 (30) 99/06056 **12 May/mai 1999 FR (12.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **POWER PLANT GENERATING ELECTRICAL ENERGY AND COMPRISING TURBO-ALTERNATOR MEANS**  
 • **CENTRALE DE GENERATION D'ENERGIE ELECTRIQUE COMPORTANT DES MOYENS TURBO ALTERNATEURS**  
 (71, 72) **LAPAIX, André** [FR/FR]; 31, avenue Général Maizière, F-06600 Antibes (FR).  
 (74) **HAUTIER, Jean-Louis**; Office Méditerranéen de Brevets d'Invention et de, Marques, Cabinet Hautier, 24, rue Masséna, F-06000 Nice (FR).  
 (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F02D 23/02, 33/02, F02F 7/00**  
 (11) **WO 00/70213** (13) A1  
 (21) PCT/CA00/00569  
 (22) **15 May/mai 2000 (15.05.2000)**  
 (25) en (26) en
- (30) 09/310,992 **13 May/mai 1999 US (13.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **OPERATION OF FORCED INDUCTION INTERNAL COMBUSTION ENGINES**  
 • **FONCTIONNEMENT DE MOTEURS A COMBUSTION INTERNE A INDUCTION FORCEE**  
 (63) US 09/310,992 (CON) 13 May/mai 1999 (13.05.1999)  
 (71, 72) **SOLAROLI, Alberto** [CA/CA]; 4398 Concession Road #1, RR#8, Newcastle, Ontario L1B 1L9 (CA).  
 (74) **PARSONS, Richard, A., R.** et al. / etc.; Ridout & Maybee, Suite 2400, One Queen Street East, Toronto, Ontario M5C 3B1 (CA).  
 (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F02F**  
 (11) **WO 00/70214** (13) A2  
 (21) PCT/US00/13619  
 (22) **17 May/mai 2000 (17.05.2000)**  
 (25) en (26) en  
 (30) 60/135,659 **19 May/mai 1999 US (19.05.1999)**  
 (30) 09/572,391 **16 May/mai 2000 US (16.05.2000)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **PISTON DRIVEN ROTARY ENGINE**  
 • **MOTEUR ROTATIF A PISTON**  
 (71) **PREMIERE ENERGY, INC.** [US/US]; 701 Oregon Street, Oshkosh, WI 54902 (US).  
 (72) **GREEN, Will**; 2810 East John Street, Appleton, WI 54915 (US).  
 (74) **WILHELM, Thomas, D.** et al. / etc.; Wilhelm Law Service, 100 West Lawrence Street, Appleton, WI 54911 (US).  
 (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F02M 35/09**  
 (11) **WO 00/70215** (13) A1  
 (21) PCT/US00/12650  
 (22) **10 May/mai 2000 (10.05.2000)**  
 (25) en (26) en  
 (30) 09/310,621 **12 May/mai 1999 US (12.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **SWITCH GAUGE**  
 • **INDICATEUR A CONTACTEUR**  
 (71) **ENGINEERED PRODUCTS CO.** [US/US]; 2940 Airport Boulevard, Waterloo, IA 50704 (US).  
 (72) **FERRIS, Gregory, Matthew**; 419 N. Francis Street, Cedar Falls, IA 50613 (US).  
 (74) **CHAPIK, Daniel, G.**; Oppenheimer Wolff & Donnelly LLP, Suite 3300, 45 South Seventh Street, Minneapolis, MN 55402 (US).  
 (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **F02M 59/36, 59/46, 57/02, 59/10, 45/02, 45/04**  
 (11) **WO 00/70216** (13) A1  
 (21) PCT/US00/13315  
 (22) **15 May/mai 2000 (15.05.2000)**  
 (25) en (26) en  
 (30) 60/134,763 **18 May/mai 1999 US (18.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **DOUBLE-ACTING TWO-STAGE HYDRAULIC CONTROL DEVICE**  
 • **DISPOSITIF DE COMMANDE HYDRAULIQUE A DEUX ETAGES ET A DOUBLE EFFET**  
 (71) **INTERNATIONAL TRUCK AND ENGINE CORPORATION** [US/US]; Suite 1300, 455 North Cityfront Plaza Drive, Chicago, IL 60611 (US).  
 (72) **LEI, Ning**; 7 Charleton Place, Oak Brook, IL 60523 (US).  
 (74) **SULLIVAN, Dennis, Kelly** et al. / etc.; Suite 1300, 455 North Cityfront Plaza Drive, Chicago, IL 60611 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> F02P 9/00

(11) WO 00/70217 (13) A1

(21) PCT/FR00/01299

(22) 12 May/mai 2000 (12.05.2000)

(25) fr (26) fr

(30) 900 716-3 14 May/mai 1999 BR  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND DEVICE FOR IMPROVING THE OPERATION OF EXPLOSION ENGINES

• PROCEDE ET DISPOSITIF POUR AMELIORER LE FONCTIONNEMENT DE MOTEURS A EXPLOSION

(71) SIMONNOT, Jean-Pierre, Désiré, Mathias, Emile [FR/BR]; Rua Da Assembleia, 10, Cong 2801, CEP-20119-900 Rio de Janeiro, RJ (BR). D'ORNANO, Gilles, François, Dominique [FR/BR]; Avenida Sernanbetiba, 6250, Ap 606, Barra da Tijuca, CEP-22630-012 Rio de Janeiro, RJ (BR).

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

(72, 75) DE SA GONCALVES, Roberto [BR/BR]; Rua Da Floresta, 1091, CEP-23540-158 Sepetiba (BR).

(74) RATABOUL, Michel; CMR International, 10, rue de Florence, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> F03B 13/18

(11) WO 00/70218 (13) A1

(21) PCT/IB00/00627

(22) 10 May/mai 2000 (10.05.2000)

(25) en (26) en

(30) 99/3278 12 May/mai 1999 ZA  
(12.05.1999)(30) 99/7677 14 Dec/déc 1999 ZA  
(14.12.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • WAVE-POWERED PUMP

• POMPAGE DE FLUIDES AU MOYEN DE L'ACTION DES VAGUES

(71, 72) WIENAND, Henry, Lemont [ZA/ZA]; 12 Embassy Court, 197 High Level Road, 8001 Sea Point (ZA).

(74) FERREIRA, Stephanus, Cornelius; Adams &amp; Adams Place, 1140 Prospect Street, Hatfield, 0083 Pretoria (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> F03D 1/04, 9/00

(11) WO 00/70219 (13) A1

(21) PCT/FR99/02705

(22) 5 Nov/nov 1999 (05.11.1999)

(25) fr (26) fr

(30) 99/06076 12 May/mai 1999 FR  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • WIND MACHINE WITH SLANTED BLADES

• EOLIENNE A PALES OBLIQUES

(71) COMPAGNIE INTERNATIONALE DE TURBINES ATMOSPHERIQUES [FR/FR]; 104, rue Véron, F-94140 Alfortville (FR).

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

(72, 75) LE NABOUR, Marcel [FR/FR]; 5 bis, avenue du Général Bonaparte, F-78600 Maisons Lafitte (FR). HAGOPIAN, Christophe [FR/FR]; 11, rue du Général de Larminat, F-94000 Créteil (FR).

(74) CABINET HERRBURGER; 115, boulevard Haussmann, F-75008 Paris (FR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F04B 9/113

(11) WO 00/70220 (13) A1

(21) PCT/DE00/01556

(22) 12 May/mai 2000 (12.05.2000)

(25) de (26) de

(30) 199 22 636.9 18 May/mai 1999 DE  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • HIGH-PRESSURE WATER PUMP

• POMPE A EAU HAUTE PRESSION

(71) EVERTZ HYDROTECHNIK GMBH &amp; CO. KG [DE/DE]; Einheitsstrasse 19-22, D-57076 Siegen (DE).

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

(72, 75) KRIEGER, Matthias [DE/DE]; Leysstrasse 8, D-57555 Mudersbach/Sieg (DE). ROSENBAUER, Thomas [DE/DE]; Elbener Weg 3, D-57580 Gebhardshain (DE). MÖSER, Manfred [DE/DE]; Marialindener Strasse 7, D-51491 Overath (DE).

(74) VOMBERG, Friedhelm; Schulstrasse 8, D-42653 Solingen (DE).

(81) CA CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>6</sup> F04B 9/12, 9/10, F04F 1/06

(11) WO 00/70221 (13) A1

(21) PCT/CN99/00101

(22) 26 Jul/juil 1999 (26.07.1999)

(25) zh (26) zh

(30) 99 1 12931.8 14 May/mai 1999 CN  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A HYDRAULIC HIGH PRESSURIZED GAS PUMP

• POMPE DE COMPRESSION HYDRAULIQUE

(71, 72) YANG, Shuanglai [CN/CN]; No. 187 Nandajie Hulanzen, Haerbin shi, Heilongjiang sheng 150525 (CN).

(74) BEIJING PATENT AGENCY; No. 16 Xizhimen Nandajie, Xicheng District, Beijing 100035 (CN).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> F04B 25/00, 37/14, 39/00

(11) WO 00/70222 (13) A1

(21) PCT/EP00/01847

(22) 3 Mar/mar 2000 (03.03.2000)

(25) de (26) de

(30) 199 21 711.4 12 May/mai 1999 DE  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PISTON VACUUM PUMP

• POMPE A VIDE A PISTON

(71) LEYBOLD VAKUUM GMBH [DE/DE]; Bonner Str. 498, D-50968 Köln (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*



(72, 75) **DREIFERT, Thomas** [DE/DE]; Am Waldpark 13, D-50996 Köln (DE).

(74) **LEINEWEBER, Jürgen**; Aggerstr. 24, D-50859 Köln (DE).

(81) AU CA CZ HU JP KR NO PL TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **F04B 35/04, 39/12**

(11) **WO 00/70223** (13) A1

(21) PCT/BR00/00053

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) PI 9902514-0 **17 May/mai 1999 BR (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● A RECIPROCATING COMPRESSOR DRIVEN BY A LINEAR MOTOR

● COMPRESSEUR A MOUVEMENT ALTERNATIF ENTRAINE PAR UN MOTEUR LINEAIRE

(71) **EMPRESA BRASILEIRA DE COMPRESSORES S.A. - EMBRACO** [BR/BR]; Rua Rui Barbosa, 1020, CEP-89219-901 Joinville, SC (BR).

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

(72, 75) **LILIE, Dietmar, Erich, Bernhard** [BR/BR]; Rua Orestes Guimarães, 904, CEP-89204-060 Joinville, SC (BR). **PUFF, Rinaldo** [BR/BR]; Rua Jaó, 208, 89220-160 Joinville, SC (BR).

(74) **ARNAUD, Antonio, M., P.** et al. / etc.; 7th floor, Rua José Bonifácio, 93, CEP-01003-901 São Paulo, SP (BR).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **F04B 43/04, 43/12**

(11) **WO 00/70224** (13) A1

(21) PCT/DE00/01429

(22) **5 May/mai 2000 (05.05.2000)**

(25) de (26) de

(30) 199 22 612.1 **17 May/mai 1999 DE (17.05.1999)**

(30) 100 17 164.8 **7 Apr/avr 2000 DE (07.04.2000)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● MICROMECHANIC PUMP

● POMPE MICROMECHANIQUE

(71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, D-80636 München (DE).

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

(72, 75) **LISEC, Thomas** [DE/DE]; Lutterothstrasse 23, D-20255 Hamburg (DE). **WAGNER, Bernd** [DE/DE]; Hohe Strasse 11, D-25582 Looft (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **F04B 43/12**

(11) **WO 00/70225** (13) A1

(21) PCT/DK00/00233

(22) **9 May/mai 2000 (09.05.2000)**

(25) da (26) en

(30) PA 1999 00651 **12 May/mai 1999 DK (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● PERISTALTIC FLUID PUMP

● POMPE PERISTALTIQUE

(71, 72) **ANDERSEN, G, John** [DK/DK]; Lupinvej 11, Blovstrød, DK-3450 Allerød (DK).

(72, 75) **BREKKE, Baron, Per** [DK/DK]; Lyngborghave 26, St.tv, DK-3460 Birkerød (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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)<sup>7</sup> **F04B 49/12, 35/04**

(11) **WO 00/70226** (13) A1

(21) PCT/BR00/00054

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) PI 9902513-2 **17 May/mai 1999 BR (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● A RECIPROCATING COMPRESSOR WITH A LINEAR MOTOR

● COMPRESSEUR A MOUVEMENT ALTERNATIF POURVU D'UN MOTEUR LINEAIRE

(71) **EMPRESA BRASILEIRA DE COMPRESSORES S.A. - EMBRACO** [BR/BR]; Rua Rui Barbosa, 1020, CEP-89219-901 Joinville, SC (BR).

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

(72, 75) **LILIE, Dietmar, Erich, Bernhard** [BR/BR]; Rua Orestes Guimarães, 904, CEP-89204-060 Joinville, SC (BR). **PUFF, Rinaldo** [BR/BR]; Rua Jaó, 208, CEP-89220-160 Joinville, SC (BR).

(74) **ARNAUD, Antonio, M., P.** et al. / etc.; 7th floor, Rua José Bonifácio, 93, CEP-01003-901 São Paulo, SP (BR).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **F04B 53/16 // 53/14, F16J 10/02, F16F 7/09**

(11) **WO 00/70227** (13) A1

(21) PCT/DK00/00207

(22) **25 Apr/avr 2000 (25.04.2000)**

(25) en (26) en

(30) PCT/DK99/00227 **22 Apr/avr 1999 DK (22.04.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● A COMBINATION OF A CHAMBER AND A PISTON, A PUMP, A MOTOR, A SHOCK ABSORBER AND A TRANSDUCER INCORPORATING THE COMBINATION

● COMBINAISON COMPRENANT UNE CHAMBRE ET UN PISTON, ET POMPE, MOTEUR, ABSORBEUR DE CHOCS ET TRANSDUCTEUR COMPORTANT CETTE COMBINAISON

(71) **NVB INTERNATIONAL** [DK/DK]; Gærdet 12, P.O. Box 69, DK-3460 Birkerød (DK).

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

(72, 75) **VAN DER BLOM, Nicolaas** [NL/DK]; Gærdet 12, DK-3460 Birkerød (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F04C 2/10**

(11) **WO 00/70228** (13) A1

(21) PCT/EP00/04474

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 792.6 **18 May/mai 1999 DE (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● TOOTHED ROTOR SET

● ENSEMBLE ROTOR A DENTURE

(71) **GKN SINTER METALS GMBH** [DE/DE]; Krebsöge 10, D-42477 Radevormwald (DE).

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

(72, 75) **BACHMANN, Josef** [DE/DE]; Hartberg 3a, D-97791 Obersinn (DE). **NEUBERT, Harald** [DE/DE]; Haydnstrasse 21a, D-40789 Monheim (DE). **ERNST, Eberhard** [DE/DE]; Hauenmühlenstrasse 3, D-36124 Eichenzell (DE).

(74) **MAXTON, Alfred** et al. / etc.; Postfach 51 08 06, D-50944 Köln (DE).

(81) AU BA BG BR BY CA CN CZ DE HR HU ID IL IN JP KP MK MX NO NZ PL RO RU SG SI SK TR US YU ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **F04D 13/06, H02K 5/128**

(11) **WO 00/70229** (13) A1

(21) PCT/EP00/04122

(22) **9 May/mai 2000 (09.05.2000)**

(25) de (26) de

(30) 199 22 234.7 **14 May/mai 1999 DE (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DEVICE, ESPECIALLY CANNED MOTOR, FOR CONVERTING ELECTRICAL ENERGY INTO MECHANICAL ENERGY AND/OR VICE VERSA  
• DISPOSITIF, EN PARTICULIER MOTEUR A GAINÉ, DESTINE A LA CONVERSION D'ENERGIE ELECTRIQUE EN ENERGIE MECANIQUE ET/OU INVERSEMENT

(71, 72) **HALM, Richard** [DE/DE]; Silchersstrasse 54, D-73666 Baltmannsweiler (DE).

(74) **BARTELS & PARTNER**; Lange Strasse 51, D-70174 Stuttgart (DE).

(81) PL SI US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **F04D 25/16, F24C 15/20**

(11) **WO 00/70230** (13) A1

(21) PCT/DE00/01622

(22) **19 May/mai 2000 (19.05.2000)**

(25) de (26) de

(30) 199 23 024.2 **19 May/mai 1999 DE (19.05.1999)**

(30) 199 57 962.8 **2 Dec/déc 1999 DE (02.12.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND DEVICE FOR LOCALISING, DETECTING AND SUCTIONING LIQUID MEDIA

• PROCEDE ET DISPOSITIF POUR LIMITER, DETECTER ET ASPIRER DES MILIEUX FLUIDES

(71, 72) **KOPPENWALLNER, Georg, Emanuel** [DE/DE]; Himmelsstiege 1, D-37085 Göttingen (DE).

(74) **WASMEIER, A.** et al. / etc.; Postfach 10 08 26, D-93008 Regensburg (DE).

(81) AU BA BG BR BY CA CN CZ EE GE HR HU ID IL IN IS JP KP LT LV MK MX NO NZ PL RO RU SG SI TR UA US YU ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **F15B 15/19, 15/26, B60R 21/13, F42B 3/182**

(11) **WO 00/70231** (13) A1

(21) PCT/EP00/01281

(22) **17 Feb/fév 2000 (17.02.2000)**

(25) de (26) de

(30) 199 22 671.1 **18 May/mai 1999 DE (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PYROTECHNIC ACTUATOR

• ACTIONNEUR PYROTECHNIQUE

(71, 72) **CÖNEN, Götz** [DE/DE]; Bösinghofener Strasse 46, D-40668 Meerbusch (DE).

(74) **LENZING, Andreas**; Münsterstrasse 248, D-40470 Düsseldorf (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F16B 13/06**

(11) **WO 00/70232** (13) A1

(21) PCT/CA00/00441

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 2,270,570 **30 Apr/avr 1999 CA (30.04.1999)**

(30) 2,301,352 **20 Mar/mar 2000 CA (20.03.2000)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SLEEVE BOLT

• VIS A MANCHON

(71) **COBRA FIXATIONS CIE. LTEE - COBRA ANCHORS CO. LTD.** [CA/CA]; 8051, boulevard Métropolitain Est, Montreal, Quebec H1J 1J8 (CA).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCDUFF, Pierre, R.** [CA/CA]; 153 Maplewood Ave., Outremont, Quebec H2V 2M4 (CA). **NGUYEN, Lang** [CA/CA]; 12 De Gaspé, Dollard-des-Ormeaux, Quebec H9B 3G8 (CA).

(74) **SOFIA, Michel** et al. / etc.; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montreal, Quebec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **F16B 21/00**

(11) **WO 00/70233** (13) A1

(21) PCT/US00/13593

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/313,386 **18 May/mai 1999 US (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FASTENER WITH STAGED LOCKING SYSTEM

• PIECE D'ASSEMBLAGE A SYSTEME DE BLOCAGE PROGRESSIF

(71) **HUCK INTERNATIONAL, INC.** [US/US]; 3724 E. Columbia Street, Tucson, AZ 85714 (US).

(72) **HARBIN, Thomas**; 5751 Meinhardt Road, Westminster, CA 92663 (US). **CORBETT, Robert, J.**; 1041 Bosque Ridge Road, Crawford, TX 76638 (US).

(74) **PAPP, Joseph, R.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (a)

(51)<sup>7</sup> **F16C 9/04**

(11) **WO 00/70234** (13) A1

(21) PCT/GB00/01848

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 9911171.8 **13 May/mai 1999 GB (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A CONNECTING ROD FOR AN INTERNAL COMBUSTION ENGINE

• BIELLE POUR MOTEUR A COMBUSTION INTERNE

(71) **UNITED ENGINEERING FORGINGS LTD.** [GB/GB]; Bromsgrove, Worcestershire B60 3DZ (GB).

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

(72, 75) **WILLIAMS, Michael, John** [GB/GB]; The Granary, Bredley Covet, Icknield Street, Bedley, Worcestershire B98 9A1 (GB).

(74) **DEMPSTER, Benjamin, John, Naftel** et al. / etc.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **F16C 33/49**

(11) **WO 00/70235** (13) A1

(21) PCT/JP00/02702

(22) **25 Apr/avr 2000 (25.04.2000)**

(25) ja (26) ja

(30) 11/132526 **13 May/mai 1999 JP (13.05.1999)**

(30) PCT/JP99/06050 **29 Oct/oct 1999 JP (29.10.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● CAGE FOR DOUBLE ROW ROLLER BEARING

● CAGE POUR ROULEMENT A DEUX RANGEES DE ROULEAUX CYLINDRIQUES

(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) **NOGI, Takashi** [JP/JP]; NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (JP).

(74) **MORI, Tetsuya** et al. / etc.; Nichiei Kokusai Tokkyo Jimusho, Muraki Building, 8th Floor, 7, Kanda-Kajicho 3-chome, Chiyoda-ku, Tokyo 101-0045 (JP).

(81) DE JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **F16D 31/00**

(11) **WO 00/70236** (13) A2

(21) PCT/US99/10866

(22) **17 May/mai 1999 (17.05.1999)**

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● SPLINELESS ROTATIONAL CONTROL APPARATUS

● DISPOSITIF DE COMMANDE DE ROTATION SANS JOINT HOMOCINETIQUE

(71) **HORTON, INC.** [US/US]; 1170-15th Avenue Southeast, Minneapolis, MN 55414 (US).

(72) **VATSAAS, Rick**; 604 Autumn Oaks Court, Eagan, MN 55123 (US).

(74) **KAMRATH, Alan, D.**; Oppenheimer Wolff & Donnelly LLP, Suite 3400, 45 South Seventh Street, Minneapolis, MN 55402 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F16D 65/16, 65/56**

(11) **WO 00/70237** (13) A1

(21) PCT/FR99/02758

(22) **10 Nov/nov 1999 (10.11.1999)**

(25) fr (26) fr

(30) 99/06147 **14 May/mai 1999 FR (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● DISC BRAKE WITH A HIGH-PERFORMANCE PARKING BRAKE DEVICE

● FREIN A DISQUE AVEC DISPOSITIF DE FREIN DE PARKING A HAUT RENDEMENT

(71, 72) **SALOU, Alain** [FR/FR]; 41, rue du Simplon, F-75018 Paris (FR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)<sup>7</sup> **F16F 9/05**

(11) **WO 00/70238** (13) A1

(21) PCT/US99/10422

(22) **12 May/mai 1999 (12.05.1999)**

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● AIRSPRING AND AIRSPRING RETAINER

● RESSORT PNEUMATIQUE ET DISPOSITIF DE RETENUE POUR RESSORT PNEUMATIQUE

(71) **THE GOODYEAR TIRE & RUBBER COMPANY** [US/US]; D/823, 1144 East Market Street, Akron, OH 44316-0001 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARNOLD, John, Eric** [US/US]; 2928 Aylesbury Street, NW, North Canton, OH 44720 (US). **TROWBRIDGE, Mark, Guy** [US/US]; 2203 East Arndale Road, Stow, OH 44224 (US).

(74) **KRAWCZYK, Nancy, T.**; D/823, The Goodyear Tire & Rubber Company, 1144 East Market Street, Akron, OH 44316-0001 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F16H 3/095, 57/02**

(11) **WO 00/70239** (13) A1

(21) PCT/EP00/04100

(22) **8 May/mai 2000 (08.05.2000)**

(25) de (26) de

(30) 199 22 116.2 **12 May/mai 1999 DE (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● DUAL LAYSHAFT TRANSMISSION

● TRANSMISSION A ARBRE DE RENVOI DOUBLE

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; D-88038 Friedrichshafen (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GNANDT, Thomas** [DE/DE]; Breslauer Strasse 62, D-88348 Saulgau (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; D-88038 Friedrichshafen (DE).

(81) BR CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **F16H 9/00, 7/00, 35/02**

(11) **WO 00/70240** (13) A1

(21) PCT/US00/13218

(22) **14 May/mai 2000 (14.05.2000)**

(25) en (26) en

(30) 60/134,333 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● MULTI-SPEED SHIFTABLE TRANSMISSION WITH OVERRIDING FUNCTION

- BOITE DE VITESSE A PLUSIEURS VITESSES CONTROLABLE A RELAIS PNEUMATIQUE COMPORTANT UNE FONCTION D'AFFRANCHISSEMENT
- (71) **ZVO, INC.** [US/US]; Hays Marcus, 674 South Avenue 21, Los Angeles, CA 90031 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOLLAND, Ronald** [US/US]; 1312 Cambridge Lane, Newport Beach, CA 92660 (US).
- (74) **HOFFMAN, David**; Cislo & Thomas LLP, 233 Wilshire Boulevard, Suite 900, Santa Monica, CA 90401-1211 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> **F16H 15/50**
- (11) **WO 00/70241** (13) A1
- (21) PCT/RU99/00162
- (22) **14 May/mai 1999 (14.05.1999)**
- (25) ru (26) ru
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CONTINUOUSLY VARIABLE TRANSMISSION AND VARIANTS  
• TRANSMISSION A VARIATION CONTINUE ET VARIANTES
- (71) **FERENC, Martin** [HU/HU]; Rakospalotai hatarut 18, H-1161 Budapest (HU).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **GULIA, Nurbei Vladimirovich** [RU/RU]; ul. Masterkova, 3-146, Moscow, 109280 (RU).
- (74) **PATENT LAW FIRM "JUS"**; a/ya 184, PLF "JUS", Moscow, 103009 (RU).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F16H 25/20, B64C 13/00**
- (11) **WO 00/70242** (13) A1
- (21) PCT/US00/13450
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/312,465 **17 May/mai 1999 (17.05.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DUAL LOAD PATH BALL SCREW WITH ROD END SWIVEL  
• VIS A BILLE A DOUBLE TRAJET DE CHARGE A PIVOT A EMBOUT
- (71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) **WNGETT, Paul**; 2747 E. Cholla Circle, Mesa, AZ 85202 (US).
- (74) **CRISS, Roger, H.** et al. / etc.; AlliedSignal Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>6</sup> **F16H 55/44**
- (11) **WO 00/70243** (13) A1
- (21) PCT/JP99/02475
- (22) **13 May/mai 1999 (13.05.1999)**
- (25) ja (26) ja
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SHEET METAL-MADE POLY V-GROOVED PULLEY AND METHOD OF MANUFACTURING THE PULLEY  
• POULIE A PLUSIEURS GORGES EN V FORMEE DANS UNE FEUILLE METALLIQUE ET SON PROCEDE DE FABRICATION
- (71) **KANEMITSU CORPORATION** [JP/JP]; 20-26, Ookurahonmachi, Akashi-shi, Hyogo 673-0874 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KANEMITSU, Toshiaki** [JP/JP]; 1-40, Kasumigaoka 7-chome, Tarumi-ku., Kobe-shi, Hyogo 655-0039 (JP). **SUGIMOTO, Shinji** [JP/JP]; 1895, Higashinocho, Akashi-shi, Hyogo 673-0844 (JP).
- (74) **SUZUYE, Koichi** et al. / etc.; Osaka Fukokuseimei Building, Room 607, 2-4, Komatsubaracho, Kita-ku, Osaka-shi, Osaka 530-0018 (JP).
- (81) DE JP US.
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- (51)<sup>7</sup> **F16J**
- (11) **WO 00/70244** (13) A2
- (21) PCT/US00/13338
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/311,938 **14 May/mai 1999 (14.05.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • STRESS-INDUCED SEAL
- JOINTS A INDUCTION DE CONTRAINTE
- (71, 72) **WHITE, Patrick** [US/US]; 2208 Lancaster Court, Mahwah, NJ 07430 (US).
- (74) **CHIATALAS, John**; Trademark and Patent Counselors Of America, P.C., 915 Broadway - 19th floor, New York, NY 10010-7108 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F16J 15/08**
- (11) **WO 00/70245** (13) A1
- (21) PCT/EP99/04510
- (22) **30 Jun/juin 1999 (30.06.1999)**
- (25) de (26) de
- (30) 199 22 634.2 **18 May/mai 1999 (18.05.1999)** DE
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CYLINDER HEAD GASKET  
• JOINT DE CULASSE
- (71) **ELRING KLINGER GMBH** [DE/DE]; Max-Eyth-Strasse 2, D-72581 Dettingen (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHMUCKER, Frank** [DE/DE]; Zanderstrasse 9, D-89584 Ehingen (DE). **SCHENK, Peter** [DE/DE]; Erpfingerstrasse 7, D-72531 Hohenstein (DE).
- (74) **HAECKER, Walter** et al. / etc.; Hoeger, Stellrecht & Partner, Umlandstrasse 14c, D-70182 Stuttgart (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **F16K 15/18, 27/00, 43/00**
- (11) **WO 00/70246** (13) A1
- (21) PCT/US00/13688
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 60/134,645 **18 May/mai 1999 (18.05.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • BACKFLOW PREVENTER VALVE  
• CLAPET ANTI-RETOUR
- (71) **ZURN INDUSTRIES, INC.** [US/US]; Wilkins Operation, 1747 Commerce Way, Paso Robles, CA 93446 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NOLL, Brad, L.** [US/US]; 4680 Mananita Avenue, Atascadero, CA 93422 (US).  
**ORR, William, M.** [US/US]; 4885 Beacon Road, Paso Robles, CA 93446 (US).

(74) **REZNICK, Paul, M.** 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 AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) 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 SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **F16K 17/00**

(11) **WO 00/70247** (13) A1

(21) PCT/US00/13589

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 60/134,707 **18 May/mai 1999** US  
(18.05.1999)

(30) 60/134,765 **18 May/mai 1999** US  
(18.05.1999)

(30) 09/569,478 **12 May/mai 2000** US  
(12.05.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MULTIFUNCTIONAL VALVE AND USE OF SAME IN REACTION CONTROL SYSTEM  
 • SOUPAPE MULTIFONCTION ET SON UTILISATION DANS UN SYSTEME DE CONTROLE D'ATTITUDE

(71) **LOCKHEED MARTIN CORPORATION** [US/US]; 6801 Rockledge Drive, Bethesda, MD 20817-1836 (US).

(72) **DEAN, Michael, Bruce**; P.O. Box 620692, Littleton, CO 80162 (US). **ZEGLER, Frank, Charles**; P.O. Box 91, Idledale, CO 80453 (US).

(74) **HOLME ROBERTS & OWEN LLP**; Divney, Jeffrey A., 1700 Lincoln Street, Suite 4100, Denver, CO 80203-4541 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F16K 17/16**

(11) **WO 00/70248** (13) A1

(21) PCT/US00/13067

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/310,848 **13 May/mai 1999** US  
(13.05.1999)

(30) 09/568,505 **11 May/mai 2000** US  
(11.05.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • RUPTURE DISK ASSEMBLY  
 • ENSEMBLE DISQUE DE RUPTURE

(71) **BS & B SAFETY SYSTEMS, INC.** [US/US]; 7455 East 46th Street, Tulsa, OK 74145 (US).

(72) **CULLINANE, Donall**; 41 Raheen Gardens, Limerick (IE). **DALY, John**; Ardglushin, Lisboduff, Cootehill, Co. Cavan (IE). **FARWELL, Stephen**; 7585 N. 143 East Avenue, Owasso, OK 74055 (US). **LOWE, Barry**; 19 Hollymount, Raheen, Limerick (IE). **ROOKER, Mitch**; 1015 N. McKinley Avenue, Sand Springs, OK 74063 (US). **TOMASKO, John**; 26022 S. Hager Street, Claremore, OK 74017 (US). **KLEIN, Greg**; 7605 N. 175th East Avenue, Owasso, OK 74055 (US). **BRAZIER, Geof**; 9218 East 89th Street, Tulsa, OK 74133 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **F16K 31/06**

(11) **WO 00/70249** (13) A1

(21) PCT/DE00/01437

(22) **8 May/mai 2000 (08.05.2000)**

(25) de (26) de

(30) 199 22 466.8 **17 May/mai 1999** DE  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR PRODUCING AN ELECTROMAGNETIC VALVE  
 • PROCEDE DE FABRICATION D'UNE VANNE ELECTROMAGNETIQUE

(71) **SCHROTT, Harald** [DE/DE]; Oeschländerweg 1, D-88131 Lindau (DE).  
 (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OTT, Hubert** [DE/DE]; Untere Burachstrasse 28, D-88212 Ravensburg (DE).

(74) **ROTH, Klaus** et al. / etc.; Karlstrasse 8, D-88212 Ravensburg (DE).

(81) BR CN JP TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **F16K 31/124, 51/00, F16L 55/26, B08B 9/057**

(11) **WO 00/70250** (13) A1

(21) PCT/CN00/00114

(22) **12 May/mai 2000 (12.05.2000)**

(25) zh (26) zh

(30) 99 1 14868.1 **18 May/mai 1999** CN  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A FLUID CONTROL VALVE FOR PIG  
 • SOUPAPE DE COMMANDE

(71, 72) **ZENG, Xiangwei** [CN/CN]; 11, 4th Block of Renmin Nanlu, Chengdu City, Sichuan Province 610041 (CN).

(74) **LIU, SHEN & ASSOCIATES**; A0601, Huibin Building, No. 8 Beichen Dong Street, Chaoyang District, Beijing 100101 (CN).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F16K 31/124, 51/00, F16L 55/26, B08B 9/057**

(11) **WO 00/70251** (13) A1

(21) PCT/CN00/00115

- (22) **12 May/mai 2000 (12.05.2000)**  
 (25) zh (26) zh
- (30) 99 1 14869.X **18 May/mai 1999 CN (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● A FLUID CONTROL DOUBLE POSITION VALVE FOR PIG  
 ● SOUPAPE A ELEMENT A MOUVEMENT ALTERNATIF DE TYPE TUYAU DE VIDANGE POUR LA COMMANDE D'UN LIQUIDE
- (71, 72) **ZENG, Xiangwei** [CN/CN]; 11, 4th Block of Renmin Nanlu, Chengdu City, Sichuan Province 610041 (CN).
- (74) **LIU, SHEN & ASSOCIATES**; A0601 Hui-bin Office Building, 8 Beichen Dong Street, Chaoyang District, Beijing 100101 (CN).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F16K 31/44**  
 (11) **WO 00/70252** (13) A1  
 (21) PCT/US00/13546  
 (22) **17 May/mai 2000 (17.05.2000)**  
 (25) en (26) en  
 (30) 60/134,707 **18 May/mai 1999 US (18.05.1999)**  
 (30) 60/134,765 **18 May/mai 1999 US (18.05.1999)**  
 (30) 09/569,565 **12 May/mai 2000 US (12.05.2000)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● SERVICE VALVE AND USE OF SAME IN REACTION CONTROL SYSTEM  
 ● SOUPAPE DE COMMANDE AUTOMATIQUE ET UTILISATION DE CELLE-CI DANS UN SYSTEME DE CONTROLE PAR JET DE GAZ
- (71) **LOCKHEED MARTIN CORPORATION** [US/US]; 6801 Rockledge Drive, Bethesda, MD 20871-1836 (US).
- (72) **DEAN, Michael, Bruce**; P.O. Box 620692, Littleton, CO 80162 (US). **ZEGLER, Frank, Charles**; P.O. Box 91, Idledale, CO 80453 (US).
- (74) **DIVNEY, Jeffrey, A.**; Holme Roberts & Owen LLP, Suite 4100, 1700 Lincoln Street, Denver, CO 80203-4541 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F16K 47/08**  
 (11) **WO 00/70253** (13) A1  
 (21) PCT/US00/10331  
 (22) **17 Apr/avr 2000 (17.04.2000)**  
 (25) en (26) en  
 (30) 09/313,728 **18 May/mai 1999 US (18.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● FLUID PRESSURE REDUCTION DEVICE WITH TORTUOUS PATHS  
 ● DISPOSITIF DE REDUCTION DE LA PRESSION D'UN FLUIDE A CHEMINS D'ECOULEMENT TORTUEUX
- (71) **FISHER CONTROLS INTERNATIONAL, INC.** [US/US]; 8000 Maryland Avenue, Clayton, MO 63105 (US).
- (72) **MCCARTY, Michael, Wildie**; 2144 West Main Street Road, Marshalltown, IA 50158 (US). **LONG, Ted, Alan**; 106 North 12th Street, Marshalltown, IA 50158 (US). **GETHMANN, Douglas, Paul**; 1423 200th Street, Gladbrook, IA 50635 (US). **SCHAFBUCH, Paul, Jay**; 1917 S. 5th Avenue, Marshalltown, IA 50158 (US).
- (74) **SCARPELLI, Nate, F.**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 S. Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F16K 51/00**  
 (11) **WO 00/70254** (13) A1  
 (21) PCT/US00/13430  
 (22) **17 May/mai 2000 (17.05.2000)**  
 (25) en (26) en
- (30) 60/134,537 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SAFETY VALVE FOR CHEMICAL TANKS  
 ● SOUPAPE DE SECURITE POUR RESERVOIRS DE PRODUITS CHIMIQUES
- (63) US Not furnished / non communiqué (CON)  
 Not furnished / non communiquée
- (71) **ASHLAND, INC.** [US/US]; 5200 Blazer Memorial Parkway, Dublin, OH 43017 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TIBOTT, David, B.** [US/US]; 505 New Brunswick Avenue, Phillipsburg, NJ 08865 (US).
- (74) **AMERNICK, Burton, A.** et al. / etc.; Pollock, Vande Sande & Amernick, 1990 M Street, N.W., #800, Washington, DC 20036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F16L 11/04, 11/12**  
 (11) **WO 00/70255** (13) A1  
 (21) PCT/NL00/00302  
 (22) **10 May/mai 2000 (10.05.2000)**  
 (25) en (26) en  
 (30) 1012057 **12 May/mai 1999 NL (12.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● PROTECTED PLASTIC PIPE  
 ● CONDUIT PLASTIQUE PROTEGE
- (71) **PIPELIFE NEDERLAND B.V.** [NL/NL]; P.O. Box 380, NL-1600 AJ Enkhuizen (NL). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KURRIS, Johannus, Wilhelmus, Pascal** [NL/NL]; De Klamp 14, NL-1611 JK Bovenkarspel (NL). **YIGIT, Istayfo** [NL/NL]; Brik 69, NL-1625 GK Hoorn (NL). **MOES, Lubbertje** [NL/NL]; Mid-denweg 49, NL-1619 BN Andijk (NL).
- (74) **JORRITSMA, Ruurd**; 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16L 11/08

(11) WO 00/70256 (13) A1

(21) PCT/NO00/00158

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 19992360 14 May/mai 1999 NO (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A FLEXIBLE LIGHTWEIGHT COMPOSITE PIPE FOR HIGH PRESSURE OIL AND GAS APPLICATIONS

• CONDUIT COMPOSITE SOUPLE ET LEGER POUR HUILE ET GAZ SOUS HAUTE PRESSION

(71) OFFTECH INVEST AS [NO/NO]; N-4035 Stavanger (NO).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REINHART, Kevin [NO/NO]; Holstsgt. 4A, N-0473 Oslo (NO). OSEN, Per [NO/NO]; Jegerveien 18 F, N-0777 Oslo (NO). SEMB, Gunnar [NO/NO]; Brentedalen 8, N-4800 Arendal (NO).

(74) TANDBERGS PATENTKONTOR AS; Boks 7085, N-0306 Oslo (NO).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16L 11/15, 27/111

(11) WO 00/70257 (13) A1

(21) PCT/EP00/04127

(22) 9 May/mai 2000 (09.05.2000)

(25) de (26) de

(30) 199 21 724.6 12 May/mai 1999 DE (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FLEXIBLE HOSE LINE, IN PARTICULAR, HIGH PRESSURE HOSE LINE

WHICH IS SUBJECTED TO A PRESSURISED FORMING PROCESS

• FLEXIBLE SOUPLE, EN PARTICULIER FLEXIBLE HAUTE PRESSION SUBISSANT UNE DEFORMATION SOUS L'EFFET DE LA PRESSION

(71) CONTITECH SCHLAUCH GMBH [DE/DE]; Vahrenwalder Strasse 9, D-30165 Hannover (DE).

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

(72, 75) BESCHE, Anton [DE/DE]; Leipziger Str. 16, D-34497 Korbach (DE). HECKER, Rolf [DE/DE]; Am Schwimmbad 9, D-34513 Waldeck-Freienhagen (DE).

(74) SCHNEIDER, Egon; Continental Aktiengesellschaft, Postfach 1 69, D-30001 Hannover (DE).

(81) BR CA CN CZ HU JP KR MX PL US ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> F16L 21/08, 37/092

(11) WO 00/70258 (13) A1

(21) PCT/GB00/01846

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 9911350.8 14 May/mai 1999 GB (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PIPE FITTING

• RACCORD DE TUYAUTERIE

(71) HEPWORTH BUILDING PRODUCTS LIMITED [GB/GB]; Hazlehead, Crow Edge, Sheffield S36 4HG (GB).

(74) MOUNTENEY, Simon, James; Marks & Clerk, 57-60 Lincoln's Inn Fields, London WC2A 3LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F16L 33/00

(11) WO 00/70259 (13) A1

(21) PCT/US00/12881

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 09/311,090 13 May/mai 1999 US (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DEVICE AND METHOD FOR COUPLING A RIGID PIPE TO A FLEXIBLE HOSE

• DISPOSITIF ET PROCEDURE DE RACCORDEMENT D'UNE CONDUITE RIGIDE ET D'UN TUYAU FLEXIBLE

(71) DWWS, LLC [US/US]; 6211 Constitution Drive, Ft. Wayne, IN 46804 (US).

(72) LOGAN, Dan, T.; 260 Lane 650 BB Snow Lake, Freemont, IN 46737 (US). MATT, Walter, J.; 900 Eagle Bend Road, Clinton, TN 37716 (US). YATES, Steven, E.; 2912 Homestead Court, Ft. Wayne, IN 46804 (US). MOREHOUSE, Wallace, B.; 503 Mariner Point, Clinton, TN 37716 (US).

(74) CUTLER, Jeffrey, N.; Pitts & Brittan, P.C., P.O. Box 51295, Knoxville, TN 37950 (US).

(81) BR CA CN JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> F16L 33/02

(11) WO 00/70260 (13) A1

(21) PCT/JP00/03072

(22) 12 May/mai 2000 (12.05.2000)

(25) ja (26) ja

(30) 11/134803 14 May/mai 1999 JP (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • BOOT BAND

• COURROIE POUR CHAUSSURE

(71) NHK SPRING CO., LTD. [JP/JP]; 10, Fukuura 3-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KITAMURA, Yoshiharu [JP/JP]; NHK Spring Co., Ltd., 1170-3, Akaho, Komagane-shi, Nagano 399-4117 (JP). HEMMI, Yoshihiro [JP/JP]; NHK Spring Co., Ltd., 1170-3, Akaho, Komagane-shi, Nagano 399-4117 (JP). OGINO, Takashi [JP/JP]; NHK Spring Co., Ltd., 1170-3, Akaho, Komagane-shi, Nagano 399-4117 (JP).

(74) SEYA, Toru; Toyama Building, 8-14, Aka-saka 3-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16M 11/00

(11) WO 00/70261 (13) A1

(21) PCT/US00/13367

- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/313,105 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • BRACKET ASSEMBLY INCLUDING A RESERVOIR  
• ASSEMBLAGE CONSOLE COMPRESANT UN RESERVOIR
- (71, 72) **HADDOCK, Robert, M., M.** [US/US]; 8655 Table Butte Road, Colorado Springs, CO 80908 (US).
- (74) **KNEPPER, Bradley, M.** et al. / etc.; Sheridan Ross P.C., Suite 1200, 1560 Broadway, Denver, CO 80202-5141 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F17C 13/06, 6/00**
- (11) **WO 00/70263** (13) A1
- (21) PCT/RU00/00157
- (22) **27 Apr/avr 2000 (27.04.2000)**
- (25) ru (26) ru
- (30) 99109668 **13 May/mai 1999 RU (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • GAS CYLINDER AND METHOD FOR FILLING THE SAME  
• BONBONNE DE GAZ ET PROCEDE DE REMPLISSAGE
- (71, 72) **SHIPACHEV, Alexei Borisovich** [RU/RU]; ul. Krasnokokshaiskaya, 154-56, Kazan, 420102 (RU). **PETROSYAN, Alexei Lvovich** [RU/RU]; ul. Garibaldi, 4-1-9, Moscow, 117313 (RU). **BAGNJUKOV, Sergei Anatolievich** [RU/RU]; prosp. 50-letia Oktyabrya, 16a-94, Klimovsk, Moskovskaya obl., 142080 (RU).
- 
- (51)<sup>7</sup> **F17C 5/06**
- (11) **WO 00/70262** (13) A1
- (21) PCT/CA00/00487
- (22) **28 Apr/avr 2000 (28.04.2000)**
- (25) en (26) en
- (30) 2,271,450 **12 May/mai 1999 CA (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HYDROGEN FUEL REPLENISHMENT PROCESS AND SYSTEM  
• PROCEDE ET SYSTEME DE RAVITAILLEMENT EN HYDROGENE COMME COMBUSTIBLE
- (71) **STUART ENERGY SYSTEMS CORPORATION** [CA/CA]; 122 The West Mall, Toronto, Ontario M9C 1B9 (CA).
- (72) **FAIRLIE, Matthew, J.**; 122 The West Mall, Toronto, Ontario M9C 1B9 (CA). **STEWART, William, J.**; 122 The West Mall, Toronto, Ontario M9C 1B9 (CA). **STUART, Andrew, T., B.**; 122 The West Mall, Toronto, Ontario M9C 1B9 (CA). **THORPE, Steven, J.**; 122 The West Mall, Toronto, Ontario M9C 1B9 (CA). **DONG, Charlie**; 122 The West Mall, Toronto, Ontario M9C 1B9 (CA).
- (74) **SMITH, LYONS**; Suite 5800, Scotia Plaza, 40 King Street West, Toronto, Ontario M5H 3Z7 (CA).
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- (51)<sup>7</sup> **F21V 13/04, 7/09, 7/04, 5/02, F21S 8/04**
- (11) **WO 00/70264** (13) A1
- (21) PCT/NZ00/00072
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 335730 **13 May/mai 1999 NZ (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • IMPROVEMENTS IN LIGHT FITTINGS  
• AMELIORATIONS DE LUMINAIRES
- (71) **ENERGY MANAGEMENT LIMITED** [NZ/NZ]; 192 Middleton Road, Churton Park, Wellington (NZ).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MURRAY, Trevor, James** [NZ/NZ]; 87 Woodburn Drive, Tawa, Wellington (NZ).
- (74) **HOPKINS, Donald, Leslie**; Don Hopkins & Associates, Unit 2, Northcote Office Park, 145 Queen Street, Palmerston North (NZ).
- 
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F22B 17/02, 37/10**
- (11) **WO 00/70265** (13) A1
- (21) PCT/US00/11003
- (22) **24 Apr/avr 2000 (24.04.2000)**
- (25) en (26) en
- (30) 09/310,266 **12 May/mai 1999 US (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A TUBESHEET AND TUBE PROTECTOR DEVICE AND A METHOD FOR MAKING SUCH A DEVICE  
• DISPOSITIF DE PROTECTION DE TUBE ET DE PLAQUE TUBULAIRE ET PROCEDE DE FABRICATION DE CE DISPOSITIF
- (71) **KOCH TPA, INC.** [US/US]; 2703 Telecom Parkway, Suite 150, Richardson, TX 75082 (US).
- (72) **PARNELL, David, C.**; 9329 Clearhurst Drive, Dallas, TX 75238 (US). **LEWIS, James, E.**; 4212 Forbes, Plano, TX 75093 (US).
- (74) **WHARTON, Susan, J.** et al. / etc.; Shook, Hardy & Bacon L.L.P., One Kansas City Place, 1200 Main Street, Kansas City, MO 64105-2118 (US).
- 
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F23C 5/00, F23M 3/02**
- (11) **WO 00/70266** (13) A1
- (21) PCT/US00/12173
- (22) **5 May/mai 2000 (05.05.2000)**
- (25) en (26) en
- (30) 09/311,425 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)



- (54) • BURNER AND COMBUSTION METHOD FOR THE PRODUCTION OF FLAME JET SHEETS IN INDUSTRIAL FURNACES
- BRULEUR ET PROCEDE DE COMBUSTION DESTINE A PRODUIRE DES FEUILLES DE JET DE FLAMMES DANS DES FOURS INDUSTRIELS
- (71) **THE BOC GROUP, INC.** [-/US]; 575 Mountain Avenue, New Providence, NJ 07974 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SATCHELL, Donald, Prentice, Jr.** [US/US]; 6 Daria Lane, Berkeley Heights, NJ 07922 (US). **FELDERMANN, Christian, Juan** [GB/GB]; 12 Greenfields, Eckington, Sheffield S31 9GW (GB).
- (74) **SCHONEMAN, William, A.**; 100 Mountain Avenue, New Providence, NJ 07974 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F23N 1/02, 5/18**
- (11) **WO 00/70267** (13) A1
- (21) PCT/EP00/04126
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) de (26) de
- (30) 199 22 226.6 **14 May/mai 1999 DE (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • REGULATING DEVICE FOR GAS BURNERS
- DISPOSITIF DE REGULATION POUR BRULEUR DE GAZ
- (71) **HONEYWELL B.V.** [NL/NL]; Laarderhoogteweg 18-20, NL-1101 EA Amsterdam Z.O. (NL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VROLIJK, Enno** [NL/NL]; Biezenstraat 12, NL-7751 BC Dalen (NL).
- (74) **STURM, Christoph**; Honeywell Holding AG, IP Europe, Law Department, Kaiserleistrasse 39, D-63067 Offenbach am Main (DE).
- (81) CA JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **F23Q 7/12**
- (11) **WO 00/70268** (13) A1
- (21) PCT/US00/12819
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 09/312,609 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • UTILITY LIGHTER
- BRIQUET TOUT USAGE
- (71) **BIC CORPORATION** [US/US]; 500 Bic Drive, Milford, CT 06460 (US).
- (72) **LAFOREST, Guy**; Travessa Tenente Valadim, 3-1 Es., P-2750 Cascais (PT). **ADAMS, Paul**; 21 Perry Drive, Monroe, CT 06468 (US). **TUBBY, Brian**; 79 Hawley Avenue, Milford, CT 06460 (US). **ORAZIETTI, Richard, M.**; 137 Hawkins Street, Derby, CT 06418 (US). **FAIRBANKS, Floyd, B.**; 103 Birch Lane, Naugatuck, CT 06770 (US).
- (74) **MARSHALL, Jonathan, A.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F24D 11/00, 10/00**
- (11) **WO 00/70269** (13) A1
- (21) PCT/DE99/03861
- (22) **2 Dec/déc 1999 (02.12.1999)**
- (25) de (26) de
- (30) 199 22 696.2 **18 May/mai 1999 DE (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR PRODUCING LONG DISTANCE ENERGY AND DEVICES THEREFOR
- PROCEDE DE PRODUCTION DE L'ENERGIE THERMIQUE A LONGUE DISTANCE ET INSTALLATIONS CORRESPONDANTES
- (71, 72) **STRASSER, Ronald** [DE/DE]; Im Weidenklingen 11, D-69483 Wald-Michelbach (DE).
- (74) **HERDEN, Andreas**; Blumbach, Kramer & Partner GbR, Alexandrastrasse 5, D-65187 Wiesbaden (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F24D 13/02**
- (11) **WO 00/70270** (13) A1
- (21) PCT/IT99/00193
- (22) **30 Jun/juin 1999 (30.06.1999)**
- (25) en (26) en
- (30) MI99A001056 **14 May/mai 1999 IT (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PANEL MADE OF A HIGHLY INSULATED ELECTROTHERMAL FABRIC
- PANNEAU CONSTITUE D'UNE TOILE ELECTROTHERMIQUE A FORTE ISOLATION
- (71) **CADIF SRL** [IT/IT]; Via Monte Cervino, 2, I-37057 S. Giovanni Lupatoto (IT).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STABILE, Aldo** [IT/IT]; Via C. Uberti, 2, I-26013 Crema (IT).
- (74) **DIGIOVANNI, Italo**; Brevetti Dott. Ing. Digiovanni Schmiedt S.R.L., Via Aldrovandi, 7, I-20129 Milano (IT).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F24F 7/00, G05D 23/00**
- (11) **WO 00/70271** (13) A1
- (21) PCT/US00/13148
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 09/311,379 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • INDIVIDUAL ROOM HVAC TEMPERATURE SET POINT DEVICE
- DISPOSITIF DE REGLAGE INDIVIDUEL DE LA TEMPERATURE DE CHAUFFAGE, VENTILATION, CLIMATISATION D'UNE CHAMBRE
- (71) **ACUTHERM L.P.** [US/US]; 1766 Sabre Street, Hayward, CA 94545 (US).
- (72) **KLINE, James, R.**; 27 Fieldbrook Place, Moraga, CA 94566 (US). **COSTICK, Matthew, L.**; 4788 Woodthrush Court, Pleasanton, CA 94566 (US).
- (74) **CHICKERING, Robert, B.** et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F24F 11/00, G05D 27/02**

(11) **WO 00/70272** (13) A1

(21) PCT/US00/13369

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 09/312,555 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • HUMIDITY CONTROL  
• REGULATION D'HUMIDITE

(71) **HONEYWELL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07692-2245 (US).

(72) **HAMMER, Jeffrey, M.**; 3393 Crystal Bay Road, Wayzata, MN 55391 (US). **KENSOK, Timothy, J.**; 4424 Camelot Drive, Minnetonka, MN 55345 (US). **STOUT, Mark, E.**; 18030 21st Avenue N., Plymouth, MN 55447 (US). **STRAATE, Russell, A.**; 4610 Quantico Lane N., Plymouth, MN 55446 (US). **TINSLEY, Timothy, M.**; 11320 Heather Street, Coon Rapids, MN 55433 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell Inc., (Law Dept., Attn: A. Olinger), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) CA.

(51)<sup>7</sup> **F24F 11/053**

(11) **WO 00/70273** (13) A1

(21) PCT/US00/10662

(22) **20 Apr/avr 2000 (20.04.2000)**

(25) en (26) en

(30) 09/312,971 **17 May/mai 1999 US (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MODULAR AIR HANDLING SYSTEM AND METHOD FOR PROVIDING COOLING  
• SYSTEME MODULAIRE DE TRAITEMENT DE L'AIR ET PROCEDE DE REFROIDISSEMENT

(71) **CATERPILLAR INC.** [US/US]; 100 N.E. Adams Street, Peoria, IL 61629-6490 (US).

(72) **TIMMERMAN, George, H.**; 7743 N. 1st Place, Phoenix, AZ 85020 (US). **CUSHING, Ralph, J.**; 7510 W. San Miguel Avenue, Glendale, AZ 85303 (US). **WEYENETH, Bradley, A.**; 208 W. Washington Street, P.O. Box 276, Carlock, IL 61725 (US).

(74) **KERCHEK, Kevin, M.** et al. / etc.; 100 N.E. Adams Street, Peoria, IL 61629-6490 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>6</sup> **F24J 2/05, 2/36, F03G 6/06**

(11) **WO 00/70274** (13) A1

(21) PCT/US00/09653

(22) **10 Apr/avr 2000 (10.04.2000)**

(25) en (26) en

(30) 60/134,642 **18 May/mai 1999 US (18.05.1999)**

(30) 09/396,653 **15 Sep/sep 1999 US (15.09.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SOLAR POWER GENERATION AND ENERGY STORAGE SYSTEM  
• PRODUCTION D'ELECTRICITE SOLAIRE ET SYSTEME DE STOCKAGE D'ENERGIE

(71, 72) **PRUEITT, Melvin, L.** [US/US]; 161 Cascabel, Los Alamos, NM 87544 (US).

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

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(51)<sup>7</sup> **F24J 2/06**

(11) **WO 00/70275** (13) A1

(21) PCT/DE00/01562

(22) **18 May/mai 2000 (18.05.2000)**

(25) de (26) de

(30) 199 22 649.0 **18 May/mai 1999 DE (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • RADIATION GUIDANCE SYSTEM  
• UNITE DE GUIDAGE DE RAYONNEMENT

(71) **WINDBAUM FORSCHUNGS- UND ENTWICKLUNGS GMBH** [DE/DE]; Lindenstrasse 15, D-79400 Kandern (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KLEINWÄCHTER, Jürgen** [DE/DE]; Industriestrasse 8, D-79541 Lörrach (DE).

(74) **CASTELL, Klaus** et al. / etc.; Gutenbergstrasse 12, D-52349 Düren (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **F25B 41/06**

(11) **WO 00/70276** (13) A1

(21) PCT/JP00/03042

(22) **12 May/mai 2000 (12.05.2000)**

(25) ja (26) ja

(30) 11/130699 **12 May/mai 1999 JP (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MOTOR-DRIVEN NEEDLE VALVE FOR REFRIGERATING CIRCUIT AND REFRIGERATING DEVICE WITH THE MOTOR-DRIVEN NEEDLE VALVE  
• POINTEAU MOTORISE POUR CIRCUIT FRIGORIFIQUE ET CIRCUIT FRIGORIFIQUE EQUIPE DU POINTEAU MOTORISE

(71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Bldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAJIMA, Ryuzaburo** [JP/JP]; Kanaoka Factory, Sakai Plant, Daikin Industries, Ltd., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). **DOMYO, Nobuo** [JP/JP]; Kanaoka Factory, Sakai Plant, Daikin Industries, Ltd., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). **ESUMI, Hajime** [JP/JP]; Kanaoka Factory, Sakai Plant, Daikin Industries, Ltd., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). **TAIRA, Shigeharu** [JP/JP]; Shiga Plant, Daikin Industries, Ltd., 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-0044 (JP).

(74) **MAEDA, Hiroshi** et al. / etc.; Taihei Bldg., 4-8, Usubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> F25B 43/00, B60H 1/32

(11) WO 00/70277 (13) A1

(21) PCT/EP00/03596

(22) 20 Apr/avr 2000 (20.04.2000)

(25) de (26) de

(30) 199 21 975.3 12 May/mai 1999 DE  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● REFRIGERANT COLLECTOR FOR AN  
AIR CONDITIONING SYSTEM IN A  
VEHICLE● COLLECTEUR D'AGENT REFRIGE-  
RANT POUR SYSTEME DE CLIMATI-  
SATION(71) VOLKSWAGEN AKTIENGESELL-  
SCHAFT [DE/DE]; D-38436 Wolfsburg  
(DE).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) ADIPRASITO, Baroto [DE/DE]; Am  
Drews 15 b, D-38547 Calberlah (DE).  
RÖHE, Heinz [DE/DE]; Königsberger  
Strasse 13, D-38554 Weyhausen (DE).(74) VOLKSWAGEN AKTIENGESELL-  
SCHAFT; Brieffach 1770, D-38436 Wolf-  
sburg (DE).(81) CN IN JP KR US; EP (AT BE CH CY DE  
DK ES FI FR GB GR IE IT LU MC NL PT  
SE).(51)<sup>7</sup> F25C 1/04, 1/12, 1/22

(11) WO 00/70278 (13) A1

(21) PCT/JP00/03133

(22) 16 May/mai 2000 (16.05.2000)

(25) ja (26) ja

(30) 11/137240 18 May/mai 1999 JP  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● FLOW-DOWN TYPE ICE MAKING  
MACHINERY● MACHINE À GLACE DU TYPE À  
ÉCOULEMENT DESCENDANT(71) HOSHIZAKI DENKI KABUSHIKI KAI-  
SHA [JP/JP]; 3-16, Minami Yakata, Sa-  
kae-machi, Toyoake-shi, Aichi 470-1194  
(JP).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) HIBINO, Takashi [JP/JP]; Hoshizaki  
Denki Kabushiki Kaisha, 3-16, Minami  
Yakata, Sakae-machi, Toyoake-shi, Aichi  
470-1194 (JP). OTA, Hideji [JP/JP]; Hoshi-  
zaki Denki Kabushiki Kaisha, 3-16, Minami  
Yakata, Sakae-machi, Toyoake-shi, Aichi  
470-1194 (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) DE GB JP US.

(51)<sup>7</sup> F25D 3/00, A47F 3/04

(11) WO 00/70279 (13) A1

(21) PCT/NZ00/00079

(22) 19 May/mai 2000 (19.05.2000)

(25) en (26) en

(30) 335833 19 May/mai 1999 NZ  
(19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● COOLING UNIT

● UNITE DE REFROIDISSEMENT

(71, 72) LAWRENCE, Robert, Thorne  
[GB/NZ]; 1/87 Birkenhead Avenue, Birken-  
head 1310, Auckland (NZ). LAWRENCE,  
Joy [-/NZ]; 1/87 Birkenhead Avenue, Bir-  
kenhead 1310, Auckland (NZ).(74) ALLEN, John, D. et al. / etc.; 29 Clarence  
Street, Private Bag 3140, Hamilton 2001  
(NZ).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY 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  
SI SK SL TJ TM TR TT TZ UA UG US UZ  
VN YU ZA ZW; AP (BF BJ CF CG CI CM  
GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F25D 21/00

(11) WO 00/70280 (13) A1

(21) PCT/US00/12128

(22) 3 May/mai 2000 (03.05.2000)

(25) en (26) en

(30) 09/310,652 12 May/mai 1999 US  
(12.05.1999)(30) 9902675 3 Dec/déc 1999 ES  
(03.12.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● MICROPROCESSOR CONTROLLED  
DEMAND DEFROST FOR A COOLED  
ENCLOSURE● ENCEINTE REFRIGEREE : DEGI-  
VRAGE A LA DEMANDE COM-  
MANDE PAR MICROPROCESSEUR(71) CARRIER CORPORATION [US/US];  
One Carrier Place, Farmington, CT  
06034-4015 (US).(72) TOPPER, Robert; 1816 Lakeshore Drive,  
Heber Springs, AR 72543 (US). GILLIOM,  
Robert; 420 W. Cadron Ridge Road, Woos-  
ter, AR 72181 (US). SANDERS, Joseph;  
3020 Prince Street, Conway, AR 72032 (US).  
BRELAND, Jason; 1548 Cadron Settle-  
ment, Conway, AR 72032 (US).(74) PEARNE, GORDON, MCCOY & GRAN-  
GER LLP; 526 Superior Avenue East, Suite  
1200, Cleveland, OH 44114-1484 (US).(81) AE AL AM AT AU AZ BA BB BG BR BY  
CA CH CN CR CU CZ DE DK DM EE FI  
GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX NO NZ  
PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW; EP  
(AT BE CH CY DE DK ES FI FR GB GR  
IE IT LU MC NL PT SE).(51)<sup>7</sup> F25D 21/08, 11/02, H05B 3/44

(11) WO 00/70281 (13) A1

(21) PCT/JP00/03091

(22) 15 May/mai 2000 (15.05.2000)

(25) ja (26) ja

(30) 11/135304 17 May/mai 1999 JP  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● REFRIGERATOR AND DEFROSTING  
HEATER● REFRIGERATEUR ET ELEMENT  
CHAUFFANT DEGIVREUR(71) MATSUSHITA REFRIGERATION  
COMPANY [JP/JP]; 2-5, Takaidahondori  
4-chome, Higashiosaka-shi, Osaka  
577-8501 (JP).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) TANAKA, Masaaki [JP/JP]; 214-602,  
Senzo 4-chome, Itami-shi, Hyogo 664-0898  
(JP). SHIMIZU, Takeshi [JP/JP]; 3-10-307,  
Koyodai 3-chome, Tondabayashi-shi, Osaka  
584-0082 (JP). NISHIMURA, Koichi  
[JP/JP]; 8-12, Azirokita 1-chome, Higa-  
shiosaka-shi, Osaka 577-0058 (JP).(74) AOYAMA, Tamotsu et al. / etc.; Aoyama  
& Partners, IMP Building, 3-7, Shiromi  
1-chome, Chuo-ku, Osaka-shi, Osaka  
540-0001 (JP).(81) CN KR US; EP (AT BE CH CY DE DK ES  
FI FR GB GR IE IT LU MC NL PT SE).(51)<sup>7</sup> F25D 23/06, B65D 21/08, A47F 3/14

(11) WO 00/70282 (13) A1

(21) PCT/EP00/04235

(22) 10 May/mai 2000 (10.05.2000)

(25) en (26) en

(30) S990385 12 May/mai 1999 IE  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● A COMPARTMENTALISATION BIN

● BAC DE COMPARTIMENTATION

(71) UNILEVER PLC [GB/GB]; Unilever  
House, Blackfriars, London EC4P 4BQ  
(GB).*(only for / seulement pour AE AG AU BB CA  
CY GB GD GH GM IE IL KE LC LK LS MN  
MW NZ SD SG SL SZ TT TZ UG ZA ZW)*(71) UNILEVER NV [GB/GB]; Weena 455,  
NL-3013 AL Rotterdam (GB).*(for all designated States except / pour tous  
les États désignés sauf AE AG AU BB CA CY  
GB GD GH GM IE IL IN KE LC LK LS MN  
MW NZ SD SG SL SZ TT TZ UG ZA ZW)*

(71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai 400 020, Maharashtra (IN).  
(only for / seulement pour IN)

(72) **MCELVANEY, Oliver**; 37 Old Cabra Road, Dublin 7 (IE).

(74) **HUGOT, Alain, Eric, Philippe**; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford MK44 1LQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F26B 21/00, 15/12**

(11) **WO 00/70283** (13) A1

(21) PCT/EP00/02139

(22) **10 Mar/mar 2000 (10.03.2000)**

(25) de (26) de

(30) 199 22 165.0 **12 May/mai 1999 DE (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DRYER FOR GOODS IN STRIP OR PANEL FORM  
• SECHOIR POUR MATERIAU EN BANDE OU EN PLAQUE

(71) **BABCOCK-BSH GMBH** [DE/DE]; August-Gottlieb-Strasse 5, D-36251 Bad Hersfeld (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PHILIPP, Rudi** [DE/DE]; Berberitzenweg 14, D-36251 Bad Hersfeld (DE). **BEHRENDT, Burkhard** [DE/DE]; Rosengartenstrasse 1A, D-36251 Bad Hersfeld (DE).

(74) **FRESE-GÖDDEKE, Beate**; Hüttenallee 237 b, D-47800 Krefeld (DE).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **F26B 23/00**

(11) **WO 00/70284** (13) A1

(21) PCT/SE00/00953

(22) **12 May/mai 2000 (12.05.2000)**

(25) sv (26) en

(30) 9901737-8 **12 May/mai 1999 SE (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND DEVICE FOR COOLING THE DRIVING MOTOR TO A

FAN IN A DRYING CHAMBER WORKING WITH CIRCULATING DRYING AIR

• PROCEDE ET DISPOSITIF PERMETTANT DE REFROIDIR LE MOTEUR D'ENTRAINEMENT D'UN VENTILATEUR DANS UNE ENCEINTE DE SECHAGE A CIRCULATION D'AIR SECHANT

(71) **VALUTEC AB** [SE/SE]; P.O. Box 709, S-931 27 Skellefteå (SE).

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

(72, 75) **LUNDSTRÖM, Tommy** [SE/SE]; Grönnagatan 12, S-931 91 Skellefteå (SE).

(74) **GRANSTRÖM, Lars-Eric** et al. / etc.; AB Stockholms Patentbyrå, Zacco & Bruhn, Box 23101, S-104 35 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **F27D 23/00**

(11) **WO 00/70285** (13) A1

(21) PCT/US00/13594

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/134,722 **18 May/mai 1999 US (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ELECTRIC ARC FURNACE FOR CONTINUOUS CHARGING

• FOUR A ARC ELECTRIQUE A CHARGEMENT CONTINU EN MATIERES FERREUSES ET COULEE SEMI-CONTINUE DE METAL EN FUSION

(71) **DANIELI CORPORATION** [US/US]; Suite 400, 800 Cranberry Woods Drive, Cranberry Township, PA 16066 (US).

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

(72) **POLONI, Alfredo**; Via G. Paolini, 20, Fogliano, I-Redipuglia (IT). **BENEDETTI, Gianpietro**; Strada degli Aceri, 32, I-Campofornido (IT). **PAVLICEVIC, Milorad**; Via Pracchiuso, 31/7, I-33100 Udine (IT). **LOSCIALE, Matteo, Vittorio**; Via Canada, 2F, I-33100 Udine (IT).

(74) **GARBER, Kevin, J.**; Babst Calland Clements & Zomnir, P.C., Two Gateway Center, 8th Floor, Pittsburgh, PA 15222 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F28D 1/02, 15/02**

(11) **WO 00/70286** (13) A1

(21) PCT/GB00/01781

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 9911109.8 **14 May/mai 1999 GB (14.05.1999)**

(30) 9919331.0 **12 Aug/août 1999 GB (12.08.1999)**

(30) 0000393.9 **11 Jan/jan 2000 GB (11.01.2000)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • HEAT TRANSFER SYSTEM, PARTICULARLY FOR USE IN THE HEATING OR COOLING OF BUILDINGS

• SYSTEME DE TRANSFERT DE CHALEUR, UTILISE, EN PARTICULIER, POUR CHAUFFER OU REFROIDIR DES BATIMENTS

(71) **STEFANINI, Daniel** [GB/GB]; 107 Middleton Road, Wollaton Park, Nottingham NG8 1FW (GB).

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

(71, 72) **LAMB, Leo** [GB/GB]; 27 Marford Road, West Derby, Liverpool, Merseyside L12 5HH (GB).

(74) **ROYSTONS**; Tower Building, Water Street, Liverpool, Merseyside L3 1BA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **F28D 9/00**

(11) **WO 00/70287** (13) A1

(21) PCT/US00/12602

(22) **10 May/mai 2000 (10.05.2000)**

(25) en (26) en

(30) 09/315,096 **19 May/mai 1999 US (19.05.1999)**

- (30) 09/385,493 **27 Aug/août 1999** US  
(27.08.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CORRUGATED FOLDED PLATE HEAT EXCHANGER  
• ECHANGEUR DE CHALEUR A PLAQUE ONDULEE REPLIEE
- (71) **ZEKS AIR DRIER CORPORATION** [US/US]; 1302 Goshen Parkway, Box 2660, West Chester, PA 19381 (US).
- (72) **BERGH, Charles, J.**; 117 Bartholomew Road, Berwyn, PA 19312 (US). **MCKEE, Peter, J.**; 715 Norwood Road, Dowingtown, PA 19335 (US). **ALEXANDER, George, H.**; 857 Elm Street, Hatfield, PA 19440 (US).
- (74) **SLOWOWITZ, Scott, M.**; Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd., 12th floor, Seven Penn Center, 1635 Market Street, Philadelphia, PA 19103-2212 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F28D 15/00, H01L 23/34, H05K 7/20**
- (11) **WO 00/70288** (13) A1
- (21) PCT/US00/12564
- (22) **8 May/mai 2000 (08.05.2000)**
- (25) en (26) en
- (30) 09/310,397 **12 May/mai 1999** US  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • INTEGRATED CIRCUIT HEAT PIPE HEAT SPREADER WITH THROUGH MOUNTING HOLES  
• DISSIPATEUR THERMIQUE DE CIRCUIT INTEGRE A CONDUIT CALORIQUE AVEC TROUS DE MONTAGE TRAVERSANTS
- (71) **THERMAL CORP.** [US/US]; Route 113 & Edward Street, Georgetown, DE 19947 (US).
- (72) **DUSSINGER, Peter, M.**; 8 Lindsie Court, Lititz, PA 17543 (US). **MYERS, Thomas, L.**; 44 Rolling Hill Drive, Lititz, PA 17543 (US).
- (74) **MILLER, Larry, W.**; 840 Stumpf Hill Drive, Lancaster, PA 17601 (US).
- (81) JP; EA (AM AZ BY KG KZ MD RU TJ TM).
- 
- (51)<sup>7</sup> **F28D 15/02, 15/06**
- (11) **WO 00/70289** (13) A1
- (21) PCT/US99/29486
- (22) **13 Dec/déc 1999 (13.12.1999)**
- (25) en (26) en
- (30) 60/134,754 **18 May/mai 1999** US  
(18.05.1999)
- (30) 09/452,113 **30 Nov/nov 1999** US  
(30.11.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TWO-PHASE HEAT TRANSFER WITHOUT DE-GASSING  
• TRANSFERT DE CHALEUR EN DEUX PHASES, SANS DEGAZAGE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **TUMA, Phillip, E.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **TOUSIGNANT, Lew, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **FAGAN, Lisa, M.** et al. / etc.; 3M Innovative Properties Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F28F 9/013, F16J 15/06**
- (11) **WO 00/70290** (13) A1
- (21) PCT/JP00/03172
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) ja (26) ja
- (30) 11/136600 **18 May/mai 1999** JP  
(18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • BUSH FOR PARTITION-THROUGH-PIPE SEAL AND MULTI-STAGE FLASH EVAPORATOR USING THE BUSH  
• BAGUE POUR GARNITURE DE CLOISON A TRAVERS UN CONDUIT ET EVAPORATEUR ECLAIR A ETAGES MULTIPLES UTILISANT LA BAGUE
- (71) **HITACHI ZOSEN CORPORATION** [JP/JP]; 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8559 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIRAO, Teizo** [JP/JP]; Hitachi Zosen Corporation, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8559 (JP). **IMABAYASHI, Kazuhiro** [JP/JP]; Hitachi Zosen Corporation, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8559 (JP). **TANIGUCHI, Masaki** [JP/JP]; Hitachi Zosen Corporation, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8559 (JP). **TAKANABE, Kouzi** [JP/JP]; Hitachi Zosen Corporation, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8559 (JP). **OTSUKA, Hiroyuki** [JP/JP]; Hitachi Zosen Corporation, 7-89, Nanko-kita 1-chome, Suminoe-ku, Osaka-shi, Osaka 559-8559 (JP).
- (74) **KISHIMOTO, Einosuke** et al. / etc.; Inaba Bldg., 3rd Floor, 13-18, Nishihinsai-bashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).
- (81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **F28F 9/18, F28D 1/053**
- (11) **WO 00/70291** (13) A1
- (21) PCT/EP00/03936
- (22) **3 May/mai 2000 (03.05.2000)**
- (25) de (26) de
- (30) 199 22 673.3 **18 May/mai 1999** DE  
(18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HEAT EXCHANGER AND METHOD FOR PRODUCING A HEAT EXCHANGER  
• ECHANGEUR DE CHALEUR ET PROCEDE DE PRODUCTION D'UN ECHANGEUR DE CHALEUR
- (71) **ERBSLÖH AG** [DE/DE]; Siebenecker Strasse 235, D-42553 Velbert (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SUCKE, Norbert** [DE/DE]; Am Böllert 34, D-47269 Duisburg (DE). **BOYRAZ, Ismail** [DE/DE]; Wattenscheider Hellweg 112, D-44869 Bochum (DE).
- (74) **LUDEWIG, Karlheinrich**; Kleiner Werth 34, D-42275 Wuppertal (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> **F28F 27/02, F28D 9/00**
- (11) **WO 00/70292** (13) A1
- (21) PCT/SE00/00978

- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 9901778-2 **17 May/mai 1999 SE (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● A PLATE HEAT EXCHANGER  
● ECHANGEUR DE CHALEUR A PLAQUES
- (71) **ALFA LAVAL AB** [SE/SE]; S-147 80 Tumba (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KÄLLROT, Magnus** [SE/SE]; Stora Tvärgatan 34, S-223 52 Lund (SE).
- (74) **BERGLUND, Stefan** et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 Stockholms (SE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F41J 5/10, 5/08**
- (11) **WO 00/70294** (13) A1
- (21) PCT/EP00/03667
- (22) **22 Apr/avr 2000 (22.04.2000)**
- (25) de (26) de
- (30) 199 22 296.7 **14 May/mai 1999 DE (14.05.1999)**
- (30) 100 11 311.7 **10 Mar/mar 2000 DE (10.03.2000)**
- (30) 100 17 130.3 **6 Apr/avr 2000 DE (06.04.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD FOR THE IMPACT OR SHOT EVALUATION IN A SHOOTING RANGE AND SHOOTING RANGE  
● PROCEDE D'EVALUATION D'IMPACT OU DE COUP DANS UN STAND DE TIR ET STAND DE TIR CORRESPONDANT
- (71) **DYNAMIT NOBEL GMBH EXPLOSIVSTOFF- UND SYSTEM-TECHNIK** [DE/DE]; Kaiserstrasse 1, D-53840 Troisdorf (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) **PURA, Rudolf** [DE/DE]; Schwalbenweg 12, D-58300 Wetter (DE).
- (74) **SCHERZBERG, Andreas** et al. / etc.; Dynamit Nobel Aktiengesellschaft, Patentabteilung, D-53839 Troisdorf (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F41G 1/54, F41A 33/02**
- (11) **WO 00/70293** (13) A1
- (21) PCT/CA00/00585
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 2,272,169 **17 May/mai 1999 CA (17.05.1999)**
- (30) 2,285,815 **13 Oct/oct 1999 CA (13.10.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● FIREARM SIGHT RECTIFIER  
● RECTIFIEUR DE VISEUR D'ARME A FEU
- (71, 72) **DE LA RONDE, Marc-André** [CA/CA]; 150 Avenue Julien, St-Timothée, Québec J6S 5Z5 (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).
- (30) 9901724-6 **12 May/mai 1999 SE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● MEASURING DEVICE FOR ASSESSING SLAUGHTER MATURITY  
● DISPOSITIF DE MESURE PERMETTANT D'EVALUER LA MATURETE D'ABBATTAGE
- (71, 72) **LINDH, Mats** [SE/SE]; Annebergs Gärd, S-661 92 Säffle (SE).
- (81) AU CA NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **G01B 5/28, 7/34**
- (11) **WO 00/70296** (13) A1
- (21) PCT/US00/13240
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/313,962 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SYSTEM FOR SENSING A SAMPLE  
● SYSTEME CAPTEUR D'ECHANTILLON
- (71) **KLA-TENCOR CORPORATION** [US/US]; 160 Rio Robles, San Jose, CA 95134-1809 (US).
- (72) **MCWAID, Thomas**; 4706 Northdale Drive, Fremont, CA 94536 (US). **PANAGAS, Peter**; 2147 Newhall #336, Santa Clara, CA 95050 (US). **EATON, Steven, G.**; 1075 Syracuse Drive, Sunnyvale, CA 94087-2031 (US). **SAMSAVAR, Amin**; 2447 Peachtree Lane, San Jose, CA 95128 (US). **WHEELER, William, R.**; 19976 Merribrook Drive, Saratoga, CA 95070 (US).
- (74) **HSUE, James, S.** et al. / etc.; Majestic, Parsons, Siebert & Hsue P.C., Suite 1100, Four Embarcadero Center, San Francisco, CA 94111-4106 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G01B 7/00**
- (11) **WO 00/70297** (13) A2
- (21) PCT/US00/13658
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 60/134,885 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● HUMIDITY CHAMBER FOR SCANNING STYLUS ATOMIC FORCE MICROSCOPE WITH CANTILEVER TRACKING

- (71) **NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST)** [US/US]; Office of Technology Partnerships, 100 Bureau Drive, Stop 2200, Gaithersburg, MD 20899-2200 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EMBREE, Edward** [US/US]; Frederick, MD (US). **VANLANDINGHAM, Mark** [US/US]; Columbia, MD (US). **MARTIN, Jonathan** [US/US]; Gaithersburg, MD (US).
- (74) **KRIEGSMAN, Alana** et al. / etc.; Kilpatrick Stockton LLP, 1001 West Fourth Street, Winston-Salem, NC 27101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01B 7/02, B23Q 17/20**
- (11) **WO 00/70298** (13) A1
- (21) PCT/EP00/04052
- (22) **5 May/mai 2000 (05.05.2000)**
- (25) en (26) en
- (30) BO99A000249 **13 May/mai 1999 (13.05.1999)** IT
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SYSTEM FOR DETECTING LINEAR DIMENSIONS OF MECHANICAL WORKPIECES, WITH WIRELESS SIGNAL TRANSMISSION UNITS  
• SYSTEME DE DETECTION DE DIMENSIONS LINEAIRES DE PIECES MECANQUES, COMPORTANT DES UNITES DE TRANSMISSION RADIO DE SIGNAUX
- (71) **MARPOSS SOCIETA PER AZIONI** [IT/IT]; Via Saliceto, 13, I-40010 Bentivoglio (IT).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CARLI, Carlo** [IT/IT]; Via Mascheraio, 30, I-44100 Ferrara (IT).
- (74) **TAMBURINI, Lucio**; Marposs Società per Azioni, Via Saliceto, 13, I-40010 Bentivoglio (IT).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G01B 7/14**
- (11) **WO 00/70299** (13) A1
- (21) PCT/US00/12500
- (22) **5 May/mai 2000 (05.05.2000)**
- (25) en (26) en
- (30) 09/310,841 **12 May/mai 1999 (12.05.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A METHOD AND APPARATUS FOR CONTROLLING THE TEMPERATURE STABILITY OF AN INDUCTOR USING A MAGNETICALLY COUPLED METALLIC OBJECT  
• PROCEDE ET APPAREIL POUR REGULER LA STABILITE THERMIQUE D'UN INDUCTEUR AU MOYEN D'UN OBJET METALLIQUE A COUPLAGE MAGNETIQUE
- (71) **BENTLY NEVADA CORPORATION** [US/US]; 1617 Water Street, Minden, NV 89423 (US).
- (72) **SLATES, Rich**; 1617 Water Street, Minden, NV 89423 (US).
- (74) **DEBOO, Dennis, A.**; 400 Capitol Mall, Suite 900, Sacramento, CA 95814 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01B 7/14, 7/30, G01R 33/04, G01P 3/487, G01D 5/22**
- (11) **WO 00/70300** (13) A1
- (21) PCT/US00/13657
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 09/315,205 **19 May/mai 1999 (19.05.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • POSITION ENCODER UTILIZING FLUXGATE SENSORS  
• CODEUR DE POSITION UTILISANT DES SONDAS MAGNETOMETRIQUES
- (71) **ARTHUR D. LITTLE, INC.** [US/US]; 20 Acorn Park, Cambridge, MA 02140 (US).
- (72) **FOWLER, J., Thomas**; 12 Old Salem Road, Marblehead, MA 01945 (US).
- (74) **KUSMER, Toby, H.** et al. / etc.; McDermott, Will & Emery, 28 State Street, Boston, MA 02109 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G01B 7/34, G08C 23/04, 17/02**
- (11) **WO 00/70301** (13) A2
- (21) PCT/GB00/01828
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 9911303.7 **14 May/mai 1999 (14.05.1999)** GB
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METROLOGICAL INSTRUMENT  
• INSTRUMENT METROLOGIQUE
- (71) **TAYLOR HOBSON LIMITED** [GB/GB]; 2 New Star Road, Leicester LE4 9JQ (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DONALDSON, James, Andrew** [GB/GB]; 66 Sanvey Lane, Aylestone, Leicester LE2 8NF (GB).
- (74) **BERESFORD, Keith, Denis, Lewis** et al. / etc.; Beresford & Co., 2-5 Warwick Court, High Holborn, London WC1R 5DJ (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01B 9/02**
- (11) **WO 00/70302** (13) A1
- (21) PCT/EP00/03144
- (22) **7 Apr/avr 2000 (07.04.2000)**
- (25) de (26) de
- (30) 199 22 782.9 **18 May/mai 1999 (18.05.1999)** DE
- (30) 199 33 291.6 **15 Jul/juil 1999 (15.07.1999)** DE
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DEVICE FOR DETECTING OR GENERATING OPTICAL SIGNALS  
• DISPOSITIF D'ACQUISITION OU DE PRODUCTION DE SIGNAUX OPTIQUES
- (71) **CAMPUS TECHNOLOGIES AKTIENGESELLSCHAFT** [CH/CH]; Baarerstrasse 112, CH-6300 Zug (CH).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WEITZEL, Thilo** [DE/DE]; Hirschauerstrasse 1, D-72070 Tübingen (DE).
- (74) **GOSSEL, Hans, Karl** et al. / etc.; Lorenz Seidler Gossel, Widenmayerstrasse 23, D-80538 München (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>6</sup> **G01B 11/24, G02B 26/10**
- (11) **WO 00/70303** (13) A1
- (21) PCT/US99/10756

- (22) **14 May/mai 1999 (14.05.1999)**
- (25) en (26) en
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • COLOR STRUCTURED LIGHT 3D-IMAGING SYSTEM  
• SYSTEME D'IMAGERIE TRIDIMENSIONNELLE COULEUR A LUMIERE STRUCTUREE
- (71) **3DMETRICS, INCORPORATED** [US/US]; 101 South San Antonio Road, Petaluma, CA 94952 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LU, Taiwei** [CN/US]; 1514 Mathias Place, Rohnert Park, CA 94928 (US).  
**ZHANG, Jianzhong** [CN/US]; 10 Vairo Boulevard #17C, State College, PA 16803 (US).
- (74) **BOLING, William, C.** et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036-5679 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01B 11/275**
- (11) **WO 00/70304** (13) A1
- (21) PCT/US00/13279
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/312,788 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ACTIVE TARGET WHEEL ALIGNER  
• APPAREIL A CIBLES ACTIVES POUR LE REGLAGE DU PARALLELISME DES ROUES
- (71) **SNAP-ON TECHNOLOGIES, INC.** [US/US]; 420 Barclay Boulevard, Lincolnshire, IL 60069 (US).
- (72) **HENDRIX, Bill**; 200 Walnut Street, Central City, KY 42330 (US). **CHRISTIAN, Donald**; 1672 Via Sombrio, Fremont, CA 94539 (US). **ROGERS, Steve**; 2210 Remington Road, Conway, AR 72032 (US).
- (74) **LAGOWSKI, John**; Cook, Alex, McFarron, Manzo, Cummings & Mehler, 200 West Adams, Suite 2850, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01B 15/02, 17/02, B65H 7/02**
- (11) **WO 00/70305** (13) A1
- (21) PCT/EP00/04264
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) de (26) de
- (30) 199 22 125.1 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DEVICE FOR DETERMINING THE THICKNESS OR THE NUMBER OF SHEETS OF A SHEET-LIKE OBJECT  
• DISPOSITIF PERMETTANT DE DETERMINER L'EPAISSEUR OU LE NOMBRE DE FEUILLES D'UN OBJET SOUS FORME DE PILE DE FEUILLES
- (71) **BÖWE SYSTEC AG** [DE/DE]; Werner-von-Siemens-Strasse 1, D-86159 Augsburg (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRIEBEL, Marion** [DE/DE]; Tattenbachstrasse 20 d, D-86179 Augsburg (DE).
- (74) **SCHOPPE, Fritz** et al. / etc.; Schoppe, Zimmermann & Stöckeler, Postfach 71 08 67, D-81458 München (DE).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G01B 15/06**
- (11) **WO 00/70306** (13) A1
- (21) PCT/US00/12780
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 09/311,442 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • NON-DESTRUCTIVE TESTING OF HIDDEN FLAWS  
• CONTROLE NON DESTRUCTIF DE DEFAUTS CACHES
- (71) **SCANNEX TECHNOLOGIES, LLC** [US/US]; Suite 144, 3528 Wade Avenue, Raleigh, NC 27607 (US).
- (72) **DUNN, William, L.**; 5410-W Apex Hwy, Durham, NC 27713 (US).
- (74) **PHILIPS, Michael, R.** et al. / etc.; Olive and Olive, P.A., P.O. Box 2049, Durham, NC 27702 (US).
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- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01D 5/00**
- (11) **WO 00/70307** (13) A2
- (21) PCT/DK00/00258
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) PA 1999 00652 **12 May/mai 1999 DK (12.05.1999)**
- (30) PA 1999 01341 **21 Sep/sep 1999 DK (21.09.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A SENSOR AND A METHOD FOR DETERMINING THE DIRECTION AND THE AMPLITUDE OF A BEND  
• CAPTEUR ET PROCEDE POUR DETERMINER LA DIRECTION ET L'AMPLITUDE D'UNE COURBURE
- (71, 72) **HÜBNER, Jörg** [DE/DK]; Frederiksdalsvej 120, DK-2830 Virum (DK). **KRISTENSEN, Martin** [DK/DK]; Mølleåparken 31-1-E, DK-2800 Lyngby (DK). **RATHJE, Jacob** [DK/DK]; Fælledvejens Passage 6, 2. th., DK-2200 Copenhagen N (DK).
- (74) **PLOUGMANN, VINGTOFT & PARTNERS A/S**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01D 5/353, G01H 9/00**
- (11) **WO 00/70308** (13) A1
- (21) PCT/US00/01777
- (22) **24 Jan/jan 2000 (24.01.2000)**
- (25) en (26) en



- (30) 09/311,007 **13 May/mai 1999** US  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LARGE SCALE WDM/TDM SENSOR ARRAY EMPLOYING ERBIUM-DOPED FIBER AMPLIFIERS  
• AMPLIFICATEURS FIBRES DOPES A L'ERBIUM POUR RESEAU DE SONDES WDM/TDM A GRANDE ECHELLE
- (71) **LITTON SYSTEMS, INC.** [US/US]; 21240 Burbank Boulevard, Woodland Hills, CA 91367-6675 (US).
- (72) **HODGSON, Craig, W.**; 2807 Irongate Place, Thousand Oaks, CA 91362 (US).  
**VAKOE, Benjamin, J.**; 1740B Marina Court, San Mateo, CA 94403 (US).
- (74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, LLP, 620 Newport Center Drive, 16th floor, Newport Beach, CA 92660 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01D 11/24**
- (11) **WO 00/70309** (13) A1
- (21) PCT/EP00/04498
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) de (26) de
- (30) 199 22 672.5 **18 May/mai 1999** DE  
(18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SENSOR ASSEMBLY AND SENSOR FOR SUCH AN ASSEMBLY  
• BLOC DE COMPOSANTS DE DETECTION ET DETECTEUR POUR UN MODULE DE CE TYPE
- (71) **CONTINENTAL TEVES AG & CO. OHG.** [DE/DE]; Guerickestrasse 7, D-60488 Frankfurt (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LOHBERG, Peter** [DE/DE]; Am Ringelsberg 7, D-61381 Friedrichsdorf (DE).
- (74) **CONTINENTAL TEVES AG & CO. OHG.**; Guerickestrasse 7, D-60488 Frankfurt (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **G01D 21/00, G05B 23/02, G01M 19/00, G06N 3/12, G06T 7/00, G10L 15/06, 15/08**
- (11) **WO 00/70310** (13) A1
- (21) PCT/JP00/03006
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) ja (26) ja
- (30) 11/131937 **12 May/mai 1999** JP  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SIGNAL IDENTIFICATION DEVICE USING GENETIC ALGORITHM AND ON-LINE IDENTIFICATION SYSTEM  
• DISPOSITIF D'IDENTIFICATION DE SIGNAL FAISANT INTERVENIR UN ALGORITHME GENETIQUE ET SYSTEME D'IDENTIFICATION EN LIGNE
- (71) **KYUSHU KYOHAN CO., LTD.** [JP/JP]; 3021-22, Kouyagi-machi, Nishisonogi-gun, Nagasaki 851-0310 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) **JINYAMA, Ho** [JP/JP]; 64-37, Najima 4-chome, Higashi-ku, Fukuoka-shi, Fukuoka 813-0043 (JP). **TOYOTA, Toshio** [JP/JP]; 11-1, Takasu-higashi 3-chome, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808-0144 (JP).
- (72, 75) **NISHIMURA, Takashi** [JP/JP]; Kyushu Kyohan Co. Ltd., 3021-22, Kouyagi-machi, Nishisonogi-gun, Fukuoka 851-0310 (JP).
- (74) **KOHORI, Susumu** et al. / etc.; Room 401, Hakata-Shin-Mitsui Bldg. 1-1, Hakataekimae 1-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0011 (JP).
- (81) GB JP US.
- 
- (51)<sup>7</sup> **G01F**
- (11) **WO 00/70311** (13) A2
- (21) PCT/AT99/00289
- (22) **25 Nov/nov 1999 (25.11.1999)**
- (25) de (26) de
- (30) A 2078/98 **11 Dec/déc 1998** AT  
(11.12.1998)
- (30) A 1665/99 **29 Sep/sep 1999** AT  
(29.09.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DEVICE FOR MEASURING FLOW SPEED AND/OR RATE AND EXPANSION BODY FOR MEASURING THE PRESSURE OF A FLUID MEDIUM  
• DISPOSITIF DE MESURE DE LA VITESSE D'ECOULEMENT ET/OU DU DEBIT ET CORPS DILATABLE DESTINE A LA MESURE DE LA PRESSION D'UN MILIEU FLUIDE
- (71, 72) **KOPERA, Adalbert** [AT/AT]; Ellmingergasse 8/5/7, A-1230 Wien (AT).
- (81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **G01F 1/66, 1/68**
- (11) **WO 00/70312** (13) A1
- (21) PCT/JP00/03043
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) ja (26) ja
- (30) 11/135284 **17 May/mai 1999** JP  
(17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • FLOWMETER  
• DEBITMETRE
- (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) **SHIBA, Fumikazu** [JP/JP]; 2-3-7-204, Omiyacho, Nara-shi, Nara 630-8115 (JP).  
**NAKABAYASHI, Yuji** [JP/JP]; A-222, 1-4, Horai, Nara-shi, Nara 631-0845 (JP).
- (74) **YAMAMOTO, Shusaku**; Fifteenth 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01F 15/00, 15/06, 1/66 // G06F 1/32, H02J 7/00**
- (11) **WO 00/70313** (13) A1
- (21) PCT/AU00/00479
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) PQ 0410 **17 May/mai 1999** AU  
(17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • GAS METER WITH LOW POWER CONSUMPTION MODE  
• COMPTEUR A GAZ A MODE FAIBLE CONSOMMATION
- (71) **EMAIL LIMITED** [AU/AU]; Joynton Avenue, Waterloo, NSW 2017 (AU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SMITH, Ernest, Robert, Yarwood** [AU/AU]; 36 Calga Street, Roseville Chase, NSW 2069 (AU). **GRAY, James, Alastair** [AU/AU]; 12 Ferris Street, Annandale, NSW 2038 (AU). **VRACHNOS, Andrew** [AU/AU]; 16 Meehan Avenue, Hammondville, NSW 2170 (AU).

- (74) **DAVIDSON, Geoffrey, Robert** et al. / etc.; Halford & Company, Level 7, 1 Market Street, Sydney, NSW 2000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01F 23/26, 23/288**
- (11) **WO 00/70314** (13) A1
- (21) PCT/CH00/00240
- (22) **1 May/mai 2000 (01.05.2000)**
- (25) de (26) de
- (30) 199 22 381.5 **14 May/mai 1999 DE (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD AND DEVICE FOR MEASURING A FILLING LEVEL WITH A COMBINED GAMMA RAY/ CAPACITANCE SENSOR
- PROCEDE ET DISPOSITIF DE MESURE DE HAUTEUR DE REMPLISSAGE PAR UN DETECTEUR MIXTE DE RAYONS GAMMA/CAPACITE
- (71) **ABB RESEARCH LTD.** [CH/CH]; CH-8050 Zürich (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BYATT, Anthony** [GB/CH]; Liebefelsweg 31, CH-5313 Klingnau (CH). **MATTER, Daniel** [CH/CH]; Rebmoosweg 29A, CH-5200 Brugg (CH). **KLEINER, Thomas** [CH/CH]; Austrasse 13, CH-5415 Rieden-Nussbaumen (CH). **PRETRE, Philippe** [CH/CH]; Sommerhaldenstrasse 14, CH-5405 Baden-Dättwil (CH). **RÜEGG, Walter** [CH/CH]; Sonnmattstrasse 7, CH-5304 Endingen (CH).
- (74) **CLERC, Natalia**; ABB Business Services Ltd., Intellectual Property (SLE-I), Haselstrasse 16/699, CH-5401 Baden (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01H 3/00**
- (11) **WO 00/70315** (13) A1
- (21) PCT/GB00/01795
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 9910991.0 **12 May/mai 1999 GB (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● AUDIO SIGNAL DETECTOR AND ME-  
TER
- DETECTEUR ET APPAREIL DE ME-  
SURE DE SIGNAL AUDIO
- (71, 72) **FONG, Lincoln** [GB/GB]; 22 Wellesley Court, Popes Avenue, Twickenham, Middlesex TW2 5TF (GB).
- (74) **GORDON, Richard, John, Albert**; Barker Brettell, 10-12 Priests Bridge, London SW15 5JE (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (b)
- (51)<sup>7</sup> **G01K 7/42**
- (11) **WO 00/70316** (13) A1
- (21) PCT/US00/13496
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/313,911 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● PREDICTIVE TEMPERATURE MEASUREMENT SYSTEM
- SYSTEME DE MESURE DE TEMPERATURES DE PREVISION
- (71) **ALARIS MEDICAL SYSTEMS, INC.** [US/US]; 10221 Wateridge Circle, San Diego, CA 92121 (US).
- (72) **SIEFERT, Robert, J.**; 1720 Lorry Lane, Escondido, CA 92029 (US).
- (74) **RUNK, Thomas, A.** et al. / etc.; Fulwider Patton Lee & Utecht, LLP, 10th floor, 10877 Wilshire Boulevard, Long Beach, CA 90024 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01K 7/42**
- (11) **WO 00/70317** (13) A1
- (21) PCT/US00/13497
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/313,824 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● CLOSED LOOP SYSTEM AND METHOD FOR HEATING A PROBE
- SYSTEME A BOUCLE FERMEE ET PROCEDE DE CHAUFFE D'UNE SONDE
- (71) **ALARIS MEDICAL SYSTEMS, INC.** [US/US]; 10221 Wateridge Circle, San Diego, CA 92121 (US).
- (72) **SIEFERT, Robert, J.**; 1720 Lorry Lane, Escondido, CA 92029 (US).
- (74) **RUNK, Thomas, A.** et al. / etc.; Fulwider Patton Lee & Utecht, LLP, Tenth Floor, 10877 Wilshire Boulevard, Los Angeles, CA 90024 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01L 3/26, G01M 19/00**
- (11) **WO 00/70318** (13) A1
- (21) PCT/IB00/00637
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/312,397 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ENGINE ECONOMIZING VEHICLE SHIFTING SYSTEM AND METHOD
- SYSTEME DE TRANSMISSION DE VEHICULE A ECONOMIE DE MO-  
TEUR ET PROCEDE ASSOCIE
- (71, 72) **GARCIA REGGIARDO, Luis, Alberto** [BR/BR]; Travessa Padre Eutiquio 1572, Ap. 1402, Batista Campos, CEP-66025-230 Belem, PA (BR).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)

(51)<sup>7</sup> G01L 5/00

(11) WO 00/70319 (13) A1

(21) PCT/GB00/01913

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 9911572.7 18 May/mai 1999 GB  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • STRAIN SENSOR  
• DETECTEUR DE CONTRAINTE(71) THE UNIVERSITY OF READING  
[GB/GB]; P.O. Box 217, Reading RG6 6AH  
(GB).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) JERONIMIDIS, Giorgio [IT/GB]; 23  
Erleigh Road, Reading, Berks RG1 5LR  
(GB). VINCENT, Julian, Francis, Vincent  
[GB/GB]; 93 Redhatch Drive, Earley, Rea-  
ding RG6 5QN (GB).(74) STUART, Ian et al. / etc.; Mewburn Ellis,  
York House, 23 Kingsway, London WC2B  
6HP (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR BY  
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  
SI SK SL TJ TM TR TT TZ UA UG US UZ  
VN YU ZA ZW; AP (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  
CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE); OA (BF BJ CF CG CI CM  
GA GN GW ML MR NE SN TD TG).(51)<sup>7</sup> G01L 9/00

(11) WO 00/70320 (13) A2

(21) PCT/US00/13553

(22) 17 May/mai 2000 (17.05.2000)

(25) en (26) en

(30) 09/313,603 18 May/mai 1999 US  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHODS AND APPARATUS FOR  
MECHANICALLY ENHANCING THE  
SENSITIVITY OF LONGITUDINALLY  
LOADED FIBER OPTIC SENSORS  
• PROCEDES ET APPAREIL PERMET-  
TANT DE RENFORCER MECANI-  
QUEMENT LA SENSIBILITE DE  
CAPTEURS A FIBRES OPTIQUES  
CHARGES LONGITUDINALEMENT(71) SCHLUMBERGER LIMITED [NL/US];  
277 Park Avenue, New York, NY 10172  
(US).  
(only for / seulement pour GB)(71) SCHLUMBERGER CANADA LIMITED  
[CA/CA]; 24th floor, Monenco Place, 801  
6th Avenue, S.W., Calgary, Alberta T2P 3W2  
(CA).  
(only for / seulement pour CA)(71) SCHLUMBERGER TECHNOLOGY  
B.V. [NL/NL]; Parkstraat 83-89, NL-2514  
JG The Hague (NL).(for all designated States except / pour tous  
les États désignés sauf BE BF BJ BR CA CF  
CG CI CM CN FR GA GB GH GN GR JP  
KE ML MR MW MX NE NL PL PT RO SD  
SG SN SZ TD TG)(71) SERVICES PETROLIERS  
SCHLUMBERGER [FR/FR]; 42, rue  
Saint-Dominique, F-75430 Paris Cedex 07  
(FR).

(only for / seulement pour FR)

(71) SCHLUMBERGER HOLDINGS LIMI-  
TED [-/-]; Craigmuir Chambers, P.O. Box  
71, Road Town, Tortola (VG).(only for / seulement pour BE GH GR JP KE  
MW NL PL PT RO SD SE SG SZ)(71) SCHLUMBERGER OVERSEAS S.A.  
[PA/PA]; 8 Calle Aquilino de la Guardia,  
Panama City (PA).

(only for / seulement pour CN)

(71) PRAD RESEARCH AND DEVELOP-  
MENT N.V. [NL/NL]; De Ruyterkade 62,  
P.O. Box 812, Willemstad, Curacao (AN).(only for / seulement pour BF BJ CF CG CI  
CM GA GN ML MR NE SN TD TG)(71) SCHLUMBERGER SURENCO, S.A.  
[PA/VE]; Torre Humboldt, Piso 13, Avenida  
Rio Caura, Pargue, Humboldt, Caracas 1080  
(VE).

(only for / seulement pour BR MX)

(72) RAMOS, Rogerio, T.; 60 Linda Lane,  
Bethel, CT 06801 (US). MADHAVAN,  
Raghu; 21 Drover Road, Brookfield, CT  
06804 (US). YAMATE, Tsutomu; 31  
Ledgewood Drive, Brookfield, CT 06804  
(US). BALKUNAS, Stephen, C.; 6 Valley  
View road, Brookfield, CT 06804 (US).  
SCHROEDER, Robert, J.; 71 Castle Hill  
Road, Newtown, CT 06470 (US).(74) BATZER, William; Intellectual Pro-  
perty Law Dept., Schlumberger-Doll Re-  
search, Old Quarry Road, Ridgefield, CT  
06877-4108 (US).(81) AE AL AM AT AU AZ BA BB BG BR BY  
CA CH CN CR CU CZ DE DK DM 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 NO  
NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW;  
AP (GH GM KE LS MW SD SL SZ TZ UG  
ZW); EA (AM AZ BY KG KZ MD RU TJ  
TM); EP (AT BE CH CY DE DK ES FI FR  
GB GR IE IT LU MC NL PT SE); OA (BF  
BJ CF CG CI CM GA GN GW ML MR NE  
SN TD TG).(51)<sup>7</sup> G01L 13/02, 9/00

(11) WO 00/70321 (13) A1

(21) PCT/US00/12824

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 09/312,411 14 May/mai 1999 US  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PROCESS PRESSURE MEASURE-  
MENT DEVICES WITH IMPROVED  
ERROR COMPENSATION• DISPOSITIFS DE MESURE DE PRES-  
SION DIFFERENTIELLE A CORREC-  
TION AMELIOREE D'ERREUR(71) ROSEMOUNT INC. [US/US]; 12001  
Technology Drive, Eden Prairie, MN 55344  
(US).(72) FRICK, Roger, L.; 993 N. Widow Lake  
Road N.W., Hackensack, MN 56452 (US).  
RUD, Stanley, E., Jr.; 8828 Ridge Ponds  
Drive, Victoria, MN 55386 (US). BRODEN,  
David, A.; 3045 166th Lane N.W., Andover,  
MN 55304 (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 AL AM AT AU AZ BA BB BG BR BY  
CA CH CN CR CU CZ DE DK DM 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 NO  
NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW;  
AP (GH GM KE LS MW SD SL SZ TZ UG  
ZW); EA (AM AZ BY KG KZ MD RU TJ  
TM); EP (AT BE CH CY DE DK ES FI FR  
GB GR IE IT LU MC NL PT SE); OA (BF  
BJ CF CG CI CM GA GN GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G01N

(11) WO 00/70322 (13) A2

(21) PCT/US00/13157

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 09/312,596 14 May/mai 1999 US  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A-FORM OF CYTOPLASMIC  
DOMAIN OF nARIA (CRD-  
NEUREGULIN) AND USES THEREOF  
• FORME A DU DOMAINE CYTO-  
PLASMIQUE DU NARIA (CRD-  
NEUREGULIN) ET UTILISATIONS  
CONNEXES(71) THE TRUSTEES OF COLUMBIA UNI-  
VERSITY IN THE CITY OF NEW  
YORK [US/US]; West 116th Street and  
Broadway, New York, NY 10027 (US).(72) ROLE, Lorna, W.; Apartment 12-B, 573  
West End Avenue, New York, NY 10024  
(US). TALMAGE, David; Apartment #6-E,  
200 Haven Avenue, New York, NY 10033  
(US). BAO, Jianxin; Apartment #6-C,  
3050 Fairfield Avenue, New York, NY 10463  
(US).(74) WHITE, John, P.; Cooper & Dunham LLP,  
1185 Avenue of the Americas, New York,  
NY 10036 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 1/08 // A01B 1/16, 1/22

(11) WO 00/70323 (13) A1

(21) PCT/US99/10668

(22) 13 May/mai 1999 (13.05.1999)

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SAMPLE CUTTING APPARATUS

• APPAREIL A DECOUPER DES ECHANTILLONS

(71) THE GOODYEAR TIRE & RUBBER COMPANY [US/US]; D/823, 1144 East Market Street, Akron, OH 44316-0001 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOROWCZAK, Marc [US/US]; 2573 Chadwell Circle, N.W., North Canton, OH 44720 (US). CRANO, Charles, Frederick [US/US]; 2880 Linden Street, N.W., Uniontown, OH 44685 (US). NORTON, Dale, Roy [US/US]; 5538 Carsten Road, Medina, OH 44256 (US).

(74) WHEELER, David, E.; The Goodyear Tire & Rubber Company, D/823, 1144 East Market Street, Akron, OH 44316-0001 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 13/00

(11) WO 00/70324 (13) A2

(21) PCT/DE00/01476

(22) 12 May/mai 2000 (12.05.2000)

(25) de (26) de

(30) 199 22 527.3 15 May/mai 1999 DE (15.05.1999)

(30) 100 22 503.9 10 May/mai 2000 DE (10.05.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • APPLIANCE FOR DETERMINING THE CONTACT ANGLE OF A DROP APPLIED TO A BASE

• DISPOSITIF POUR DETERMINER L'ANGLE DE MOUILLAGE D'UNE GOUTTE SITUEE SUR UN SUBSTRAT

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).

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(72, 75) KUHN, Ulrich [DE/DE]; Birkenweg 5, D-71272 Renningen (DE). METZGER-GORONZY, Werner [DE/DE]; Leonbergerstrasse 8, D-71229 Leonberg (DE).

FRIE, Werner [DE/DE]; Happenbacher Strasse 58, D-74199 Untergruppenbach (DE). PLOHL, Oliver [DE/DE]; Brunnenstrasse 50, D-73760 Ostfildern (DE).

MARX, Klaus [DE/DE]; Holderbuschweg 30, D-70565 Stuttgart (DE). STREIBL, Norbert [DE/DE]; Paulinenstrasse 30, D-71229 Leonberg (DE).

REINHARDT, Ulf [DE/DE]; Borsteller Chaussee 85-99a, D-22453 Hamburg (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> G01N 13/12, G01B 7/34, G12B 21/04

(11) WO 00/70325 (13) A1

(21) PCT/JP99/06385

(22) 16 Nov/nov 1999 (16.11.1999)

(25) ja (26) ja

(30) 11/132857 13 May/mai 1999 JP (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SCANNING TUNNELING MICROSCOPE, ITS PROBE, PROCESSING METHOD FOR THE PROBE AND PRODUCTION METHOD FOR FINE STRUCTURE

• MICROSCOPE A BALAYAGE A EFFET TUNNEL, SA SONDE, PROCEDE DE TRAITEMENT DE LA SONDE ET PROCEDE DE PRODUCTION D'UNE STRUCTURE FINE

(71) JAPAN SCIENCE AND TECHNOLOGY CORPORATION [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama, 332-0012 (JP). RIKAGAKU KENKYUSHO [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP).

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(72, 75) AONO, Masakazu [JP/JP]; Rikagaku Kenkyusho, 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP). NAKAYAMA, Tomonobu [JP/JP]; Rikagaku Kenkyusho, 2-1, Hirosawa, Wako-shi, Saitama 351-0198 (JP). TERABE, Kazuya [JP/JP]; 19-9-402, Bijogi 1-chome, Toda-shi, Saitama 335-0031 (JP).

(74) SHIMIZU, Mamoru; Ohzono Building, 7-10, Kanda-mitoshiro-cho, Chiyoda-ku, Tokyo 101-0053 (JP).

(81) CA JP US.

(51)<sup>7</sup> G01N 17/00

(11) WO 00/70326 (13) A1

(21) PCT/AU00/00472

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) PQ 0405 18 May/mai 1999 AU (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DETECTION OF CIRCUMFERENTIAL EROSION OF A CONDUIT

• DETECTION DE L'EROSION PERIPHERIQUE D'UN CONDUIT

(71) LUDOWICI MINERAL PROCESSING EQUIPMENT PTY LTD [AU/AU]; 38 Ivedon Street, Banyo, Queensland 4014 (AU).

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

(72, 75) TRENCH, Mike [AU/AU]; 38 Ivedon Street, Banyo, Queensland 4014 (AU).

(74) PIZZEYS PATENT AND TRADE MARK ATTORNEYS; Level 11, Telstra House, 167 Eagle Street, Brisbane, Queensland 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 21/00, 31/22, 33/544, 33/538, 33/53, 33/567, 33/537, 33/543, C12M 1/00, C12N 1/00, 1/20

(11) WO 00/70327 (13) A1

(21) PCT/US00/12099

(22) 5 May/mai 2000 (05.05.2000)

(25) en (26) en

(30) 09/305.771 5 May/mai 1999 US (05.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SYSTEM FOR ELECTROCHEMICAL QUANTITATIVE ANALYSIS OF ANALYTES WITHIN A SOLID PHASE

• SYSTEME D'ANALYSE ELECTROCHIMIQUE QUANTITATIVE D'ANALYTES EN PHASE SOLIDE

(71) INTEC SCIENCE, INC. [US/US]; Suite 35, 100 North Hill Drive, Brisbane, CA 94005 (US).

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

(72, 75) LU, Fang [CN/US]; Apartment 8, 990 Magnolia Avenue, Millbrae, CA 94030 (US). LU, Frank, N., W. [US/US]; 1629 Sugarloaf Drive, San Mateo, CA 94403 (US). WANG, Kai, Hua [US/US]; 512 Cedar Avenue, San Bruno, CA 94066 (US).

(74) FARO, John, H.; Faro & Associates, P.A., P.O. Box 4904, Key Biscayne, FL 33149-4904 (US).

(81) AU BR CA CN CU DE GB HU IL IN JP  
KP KR MX RU SG US ZA; EP (AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE).

(51)<sup>7</sup> G01N 21/00

(11) WO 00/70328 (13) A1

(21) PCT/US00/13283

(22) 16 May/mai 2000 (16.05.2000)

(25) en (26) en

(30) 60/134,482 17 May/mai 1999 US  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SURFACE PLASMON RESONANCE  
DETECTION WITH HIGH ANGULAR  
RESOLUTION AND FAST RESPONSE  
TIME

• DETECTION DE RESONANCE  
PLASMONIQUE DE SURFACE AVEC  
RESOLUTION ANGULAIRE ELEVEE  
ET TEMPS DE REPONSE COURT

(71) FLORIDA INTERNATIONAL UNIVER-  
SITY [US/US]; University Park, PC 525,  
Miami, FL 33199 (US).

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

(72, 75) TAO, Nongjian [US/US]; 16242 WE 84  
Place, Miami, FL 33157 (US). BOUSSAAD,  
Salah [CA/US]; 8107 SW 72 Avenue E312,  
Miami, FL 33143 (US). HUANG, Wenlue  
[CN/US]; 14730 SW 50 Terrace, Miami, FL  
33185 (US).

(74) MOORE, Carl, E., Jr.; Marshall, O'Toole,  
Gerstein, Murray & Borun, 6300 Sears To-  
wer, 233 S. Wacker Drive, Chicago, IL  
60606-6042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY 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 NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG US UZ  
VN YU ZA ZW; AP (GH GM KE LS MW  
SD SL SZ TZ UG ZW); EA (AM AZ BY  
KG KZ MD RU TJ TM); EP (AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE); OA (BF BJ CF CG CI CM GA  
GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 21/29, C12Q 1/68, G06F 15/00

(11) WO 00/70329 (13) A1

(21) PCT/US00/13183

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/134,330 14 May/mai 1999 US  
(14.05.1999)

(30) 60/174,398 5 Jan/jan 2000 US  
(05.01.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • NUCLEIC ACID-BASED DETECTION  
• DETECTION AU MOYEN D'ACIDE  
NUCLEIQUE

(63) US 60/134,330 (CIP)  
14 May/mai 1999 (14.05.1999)  
US 60/174,398 (CIP)  
5 Jan/jan 2000 (05.01.2000)

(71) BRANDEIS UNIVERSITY [US/US]; 415  
South Street, Waltham, MA 02454-9110  
(US).  
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les États désignés sauf US)

(72, 75) STANTON, Martin [US/US]; 64 Har-  
vard Road, Stow, MA 01775 (US). WEN-  
SINK, Pieter [US/US]; 31 Colburn Road,  
Wellesley, MA 02181 (US). STEWART,  
Alexander [US/US]; 41 Angleside A6, Wal-  
tham, MA 02154-2616 (US).

(74) FASSE, J., Peter; 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 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 NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG US UZ  
VN YU ZA ZW; AP (GH GM KE LS MW  
SD SL SZ TZ UG ZW); EA (AM AZ BY  
KG KZ MD RU TJ TM); EP (AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE); OA (BF BJ CF CG CI CM GA  
GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 21/35

(11) WO 00/70330 (13) A1

(21) PCT/US00/13554

(22) 17 May/mai 2000 (17.05.2000)

(25) en (26) en

(30) 09/313,414 18 May/mai 1999 US  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ANESTHETIC GAS DETECTION AP-  
PARATUS  
• APPAREIL DE DETECTION DE GAZ  
ANESTHESIQUES

(71) INVIVO RESEARCH, INC. [US/US];  
12601 Research Parkway, Orlando, FL  
32826 (US).

(72) SUSI, Roger; 12601 Research Parkway, Or-  
lando, FL 32826 (US). WEEKS, Arthur,  
R.; 12601 Research Parkway, Orlando, FL  
32826 (US). HEFELE, David; 12601 Re-  
search Parkway, Orlando, FL 32826 (US).  
MOORE, John; 12601 Research Parkway,  
Orlando, FL 32826 (US).

(74) RUBEN, Bradley, N.; Hopgood, Calimafde,  
Kalil & Judlowe, 60 East 42nd Street, New  
York, NY 10165 (US).

(81) AU BR CA JP KR; EP (AT BE CH CY DE  
DK ES FI FR GB GR IE IT LU MC NL PT  
SE).

(51)<sup>7</sup> G01N 21/85, 21/27, B07C 5/342

(11) WO 00/70331 (13) A1

(21) PCT/EP99/03325

(22) 14 May/mai 1999 (14.05.1999)

(25) de (26) de

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND DEVICE FOR DE-  
TECTING AND DIFFERENTIATING  
BETWEEN CONTAMINATIONS AND  
ACCEPTS AS WELL AS BETWEEN  
DIFFERENT COLORS IN SOLID PAR-  
TICLES

• PROCEDE ET DISPOSITIF POUR  
DETECTER ET DIFFERENCIER DES  
CONTAMINATIONS ET DES MA-  
TIERES, AINSI QUE DIFFERENTES  
TEINTES DANS DES PARTICULES  
SOLIDES

(71, 72) KRIEG, Gunther [DE/DE]; Im Ren-  
nich 12, D-72667 Karlsruhe (DE).

(72, 75) FEY, Dirk [DE/DE]; Staudenweg 24,  
D-76199 Karlsruhe (DE). BOHLEBER,  
Jürgen [DE/DE]; Schwarzwaldstrasse 92,  
D-77815 Bühl (DE). DAUSCH, Man-  
fred [DE/DE]; Mühlgasse 7, D-76831  
Göcklingen (DE).

(74) LICHTI, Heiner et al. / etc.; Postfach 41  
07 60, D-76207 Karlsruhe (DE).

(81) US; EP (AT BE CH CY DE DK ES FI FR  
GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> G01N 21/956, G06T 7/00, G01N 21/95

(11) WO 00/70332 (13) A1

(21) PCT/US00/08221

(22) 16 May/mai 2000 (16.05.2000)

(25) en (26) en

(30) 09/314,273 18 May/mai 1999 US  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD OF AND APPARATUS FOR  
INSPECTION OF ARTICLES BY COM-  
PARISON WITH A MASTER

• PROCEDE ET DISPOSITIF  
D'INSPECTION D'ARTICLES PAR  
COMPARAISON AVEC UN ORIGINAL

(71) APPLIED MATERIALS, INC. [US/US];  
3050 Bowers Avenue, Santa Clara, CA  
95054 (US).

(72) LEHAN, Yonatan; Moshav Bet Gamlill 95  
(IL).

(74) BERSTEIN, Frank, L.; Sughrue, Mion,  
Zinn, MacPeak & Seas, PLLC, 1010 El  
Camino Real, Menlo Park, CA 94025 (US)  
et al. / etc.

(81) JP KR; EP (AT BE CH CY DE DK ES FI  
FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> G01N 27/18, 25/18

(11) WO 00/70333 (13) A1

(21) PCT/SE00/00868

(22) 4 May/mai 2000 (04.05.2000)

(25) en (26) en

- (30) 9901755-0 **14 May/mai 1999** SE  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD OF MEASURING THERMAL PROPERTIES OF MATERIALS WITH DIRECTION DEPENDANT PROPERTIES
- PROCEDE DE MESURE DES PROPRIETES THERMIQUES DE MATERIAUX DONT DES PROPRIETES DEPENDENT DE L'ORIENTATION
- (71) **HOT DISK AB** [SE/SE]; Sturegatan 1, S-753 14 Uppsala (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GUSTAFSSON, Silas** [SE/SE]; Klyvsågsgratan 29, S-416 79 Göteborg (SE). **GUSTAVSSON, Mattias** [SE/SE]; Lådämnesgratan 38, S-416 79 Göteborg (SE). **GUSTAVSSON, Johan** [SE/SE]; Stabbetorget 6, S-416 80 Göteborg (SE).
- (74) **GÖTEBORGS PATENTBYRÅ DAHLS AB**; Sjöporten 4, S-417 64 Göteborg (SE).
- (81) AE AG AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G01N 27/26**
- (11) **WO 00/70334** (13) A1
- (21) PCT/US00/13028
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,113 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● DESTRUCTIBLE SURFACTANTS AND USES THEREOF
- TENSIOACTIFS DESTRUCTIBLES ET LEURS APPLICATIONS
- (71) **WATERS INVESTMENTS LIMITED** [US/US]; 34 Maple Street, Milford, MA 01757 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEE, Peter, Jeng, Jong** [US/US]; 38 Byard Lane, Westborough, MA 01581 (US). **COMPTON, Bruce, J.** [US/US]; 30 Cottage Street, Lexington, MA 02173 (US).
- (74) **JANIUK, Anthony, J.**; Waters Investments Limited, 34 Maple Street, Milford, MA 01757 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01N 27/64, H01J 49/40**
- (11) **WO 00/70335** (13) A2
- (21) PCT/US00/13344
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 09/313,492 **17 May/mai 1999** US  
(17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ION MOBILITY AND MASS SPECTROMETER
- MOBILITE DES IONS ET SPECTROMETRE DE MASSE
- (71) **ADVANCED RESEARCH & TECHNOLOGY INSTITUTE** [US/US]; Suite 100, 1100 Waterway Boulevard, Indianapolis, IN 46202 (US).  
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- (72, 75) **CLEMMER, David, E.** [US/US]; 1801 Burma Road, Gosport, IN 47433 (US). **REILLY, James, P.** [US/US]; 1001 Nota Drive, Bloomington, IN 47401 (US).
- (74) **MICHAEL, Jeffrey, A.** et al. / etc.; Baker & Daniels, Suite 2700, 300 N. Meridian Street, Indianapolis, IN 46204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01N 29/04**
- (11) **WO 00/70336** (13) A1
- (21) PCT/DE00/01477
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) de (26) de
- (30) 199 22 058.1 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD AND DEVICE FOR DETERMINING THE CONDITION OF LONGITUDINALLY STRETCHED CONNECTING ELEMENTS AND FOR TESTING THE SAME USING ULTRASOUND
- PROCEDE ET DISPOSITIF POUR DETECTER PAR ULTRASON L'ETAT D'ELEMENTS DE CONNEXION ALLONGES ET DE LES VERIFIER
- (71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, D-80636 München (DE). **INNOTEST AG** [CH/CH]; Rosenstrasse 13b, CH-8360 Eschlikon (CH).  
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- (72, 75) **SALZBURGER, Hans-Jürgen** [DE/DE]; Zu den Grenzsteinen 41, D-66539 Neunkirchen (DE). **NIKIFORENKO, Georg** [DE/DE]; Alter Stadtweg 166, D-66125 Dudweiler (DE). **KRÖNING, Michael** [DE/DE]; Ohmsteg 4, D-66123 Saarbrücken (DE). **KREIER, Peter** [CH/CH]; Rosenstrasse 13 B, CH-8360 Eschlikon (CH).
- (74) **GAGEL, Roland**; Landsberger Str. 480a, D-81241 München (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **G01N 30/80**
- (11) **WO 00/70337** (13) A1
- (21) PCT/SE00/00959
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 9901722-0 **12 May/mai 1999** SE  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● DEVICE FOR REDUCING LOSS OF LIQUID DURING FRACTION COLLECTION
- DISPOSITIF ERVANT A REDUIRE LA PERTE DE LIQUIDE PENDANT UNE COLLECTE DE FRACTIONS
- (71) **AMERSHAM PHARMACIA BIOTECH AB** [SE/SE]; Björkgatan 30, S-751 84 Uppsala (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANDERSSON, Lars** [SE/SE]; Börje Klista Hage, S-755 92 Uppsala (SE).
- (74) **NYCOMED AMERSHAM PLC**; Patent Department, Amersham Labs, White Lion Road, Amersham, Bucks HP7 9LL (GB).
- (81) AU CA JP US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **G01N 33/00, 27/28, G05D 22/02**
- (11) **WO 00/70338** (13) A1
- (21) PCT/US00/13351

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 09/312,408 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● BOARD MOUNTED SENSOR PLACEMENT INTO A FURNACE DUCT

- POSITIONNEMENT D'UN CAPTEUR MONTE SUR CARTE DANS UN CONDUIT DE FOUR

(71) **HONEYWELL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).(72) **ERICKSON, James, E.**; 658 Bridle Ridge Road, Eagan, MN 55123 (US). **TUNUCCI, Thomas, C.**; 7075 Springhill Circle, Eden Prairie, MN 55346 (US).(74) **CRISS, Roger, H.** et al. / etc.; Honeywell Inc., Law Dept., Attn: A. Olinger, 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) CA.

Published / Publiée : (c)

(51)<sup>7</sup> **G01N 33/18, 1/14, 1/18, 35/00, 35/10**(11) **WO 00/70339** (13) A1

(21) PCT/US00/13507

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/314,004 **19 May/mai 1999 US (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● WATER SAMPLING WITH ANALYTE EXTRACTION AND INTEGRATION

- PRELEVEMENT D'EAU AVEC EXTRACTION ET INTEGRATION DE SUBSTANCE A ANALYSER

(63) US 09/314,004 (CON)  
19 May/mai 1999 (19.05.1999)(71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; Suite 1217, 1105 North Market Street, Wilmington, DE 19801 (US).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **MEREISH, Kay, A.** [US/US]; 120 Maryanne Avenue, S.W., Leesburg, VA 20175 (US). **LEWIS, Michael, R.** [US/US]; 6357 Goral Court, St. Charles, MD 20603 (US). **STONE, John, T.** [US/US]; 6004 Massaponax Church Road, Fredericksburg, VA 22407 (US). **LILLIENTHAL, Scott, E.** [US/US]; 405 4th Street, Laurel, MD 20707 (US). **GORDON, Edward, O.** [US/US]; 8515 Bauer Drive, Springfield, VA 22152 (US). **RANDOLPH, Claudia, L.** [US/US]; 5604 Upland Woods Drive, Alexandria, VA 22310 (US).(74) **ABRAMSON, Martin** et al. / etc.; Pollock, Vande Sande, & Amernick, R.L.L.P., 1990 M Street, N.W., Suite 800, Washington, DC 20036-3425 (US).

(81) AU CA IL JP KR MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **G01N 33/48**(11) **WO 00/70340** (13) A2

(21) PCT/EP00/04265

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 60/134,356 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● MATERIALS AND METHODS RELATING TO DISEASE DIAGNOSIS

- MATERIAUX ET PROCÉDES SE RAPPORTANT AU DIAGNOSTIC DE MALADIE

(71) **KAROLINSKA INNOVATIONS AB** [SE/SE]; Tomtebodavägen 11 F, Solna, S-171 77 Stockholm (SE).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **FRANZEN, Bo** [SE/SE]; Astra Arcus AB, Preclinical R & D, S-151 85 Södertälje (SE). **HAGMAN, Anders** [SE/SE]; Astra Arcus AB, Analytical and Pharmaceutical R & D, D-151 85 Södertälje (SE). **AYODELE, Alaiya** [NG/SE]; Cancer Center Karolinska, S-Stockholm (SE).(74) **CRIPPS, Joanna, E.** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G01N 33/50**(11) **WO 00/70341** (13) A2

(21) PCT/US00/13102

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/134,276 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHODS, PHARMACEUTICAL FORMULATIONS AND KITS FOR IDENTIFICATION OF SUBJECTS AT RISK FOR CANCER AND FOR THE PREVENTION OF CANCER IN AT-RISK SUBJECTS

- PROCÉDES, FORMULATIONS PHARMACEUTIQUES ET KITS D'IDENTIFICATION DE SUJETS

RISQUANT DE DEVELOPPER UN CANCER ET DE PREVENTION DU CANCER CHEZ LES SUJETS A RISQUE

(71) **LINK TECHNOLOGY, INC.** [US/US]; P.O. Box 12076, 2 Davis Drive, Research Triangle Park, NC 27709 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **NEELY, Constance, F.** [US/US]; 6914 Hunters Way, Raleigh, NC 27615 (US).(74) **BISWAS, Sorojini, J.** et al. / etc.; Myers, Bigel, Sibley & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G01N 33/50**(11) **WO 00/70342** (13) A2

(21) PCT/US00/13208

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/134,199 **14 May/mai 1999 US (14.05.1999)**(30) 09/398,965 **17 Sep/sep 1999 US (17.09.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● A SYSTEM FOR CELL-BASED SCREENING

- UN SYSTEME DE CRIBLAGE A BASE DE CELLULES

(71) **CELLOMICS, INC.** [US/US]; 635 William Pitt Way, Pittsburgh, PA 15238 (US).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **OLSON, Keith** [US/US]; 372 S. Highland Avenue, Pittsburgh, PA 15205 (US). **LAPETS, Oleg** [RU/US]; 1937 Shady Oak Circle, Allison Park, PA 15101 (US).(74) **HARPER, David, S.**; McDonnell, Boehnen, Hulbert & Berghoff, 300 South Wacker Drive, Suite 3200, Chicago, IL 60606 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/53

(11) WO 00/70343 (13) A2

(21) PCT/US00/13160

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 60/134,325 14 May/mai 1999 US (14.05.1999)

(30) 60/191,653 23 Mar/mar 2000 US (23.03.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● G-PROTEIN COUPLED RECEPTOR (GPCR) BASED BIOSENSORS AND SENSE REPLICATION SYSTEMS

● BIOCAPTEURS ET SYSTEMES DE REPLICATION SENS BASES SUR DES RECEPTEURS COUPLES A LA PROTEINE G (GPCR)

(71) REPLISCENT, INC. [US/US]; 1192 Hollenbeck Avenue, Sunnyvale, CA 94087 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHNEIDER, Luke, V. [US/US]; S/V Imagination, One Johnson Pier, Half Moon Bay, CA 94019 (US). STAHL, William, F., IV [US/US]; 1192 Hollenbeck Avenue, Sunnyvale, CA 94087 (US).

(74) DATE, Vandana et al. / etc.; Robins & Associates, Suite 200, 90 Middlefield Road, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/53

(11) WO 00/70344 (13) A2

(21) PCT/US00/13178

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/133,968 13 May/mai 1999 US (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHOD FOR ACTIVITY PROFILING COMPOUND MIXTURES

● PROCEDE PERMETTANT D'ETABLIR LE PROFIL D'ACTIVITE DE MELANGES DE COMPOSES

(71) ADMETRIC BIOCHEM INC. [US/US]; 300 Putnam Avenue, Cambridge, MA 02139 (US).

(72) PIDGEON, Charles; 284 Sidney Street, Cambridge, MA 02139 (US). ROOKE, Nadege, M.; Apartment 446 B, 1620 Worcester Road, Framingham, MA 01702 (US). RUELL, Jeffrey, A.; 121 Park Drive, #24, Boston, MA 02215 (US).

(74) LAMMERT, Steven, R.; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/53, C12Q 1/68

(11) WO 00/70345 (13) A1

(21) PCT/US00/13348

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 60/134,110 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● REVERSIBLE IMMOBILIZATION OF LIGANDS ONTO METAL SURFACES, THEIR PREPARATION AND USE IN BIOCHEMICAL APPLICATIONS

● IMMOBILISATION REVERSIBLE DE LIGANDS SUR DES SURFACES METALLIQUES, LEUR PREPARATION ET LEUR UTILISATION DANS DES APPLICATIONS BIOCHIMIQUES

(71) IRIS BIO TECHNOLOGIES [US/US]; Suite 320, 5201 Great America Parkway, Santa Clara, CA 95054 (US).

(72) RAMIREZ-VICK, Jamie, E.; 2010 Channing Way #3, Berkeley, CA 94704 (US).

(74) CHOW, Y., Ping et al. / etc.; Heller Ehrman White & McAuliffe, 525 University Avenue, Palo Alto, CA 94301-1900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/543

(11) WO 00/70346 (13) A1

(21) PCT/JP00/03002

(22) 11 May/mai 2000 (11.05.2000)

(25) ja (26) ja

(30) 11/132432 13 May/mai 1999 JP (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● CHROMATOGRAPHY QUANTITATIVE MEASUREMENT DEVICE, CHROMATOGRAPHY QUANTITATIVE MEASUREMENT METHOD, AND CHROMATOGRAPHY TEST PIECE USED THEREFOR

● DISPOSITIF D'ANALYSE QUANTITATIVE PAR CHROMATOGRAPHIE, PROCEDE D'ANALYSE QUANTITATIVE PAR CHROMATOGRAPHIE ET ELEMENT DE TEST DE CHROMATOGRAPHIE UTILISEE

(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) TAKAHASHI, Mie [JP/JP]; 2-13-1, Kubota-cho, Niihama-shi, Ehime 792-0026 (JP). NADAOKA, Masataka [JP/JP]; 819-5, Kominato, Iyo-shi, Ehime 799-3113 (JP). TANAKA, Hirohashi [JP/JP]; 533-1-102, Kishi-cho, Matsuyama-shi, Ehime 791-1102 (JP).

(74) IWAHASHI, Fumio et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) CN KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> G01N 33/567, C12Q 1/00

(11) WO 00/70347 (13) A1

(21) PCT/SE00/01010

(22) 19 May/mai 2000 (19.05.2000)

(25) en (26) en



- (30) 60/134,844 **19 May/mai 1999** US  
(19.05.1999)
- (30) 60/138,675 **14 Jun/juin 1999** US  
(14.06.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ASSAYS FOR AGONISTS, AGONISTS AND INVERSE AGONISTS OF MELANIN CONCENTRATING HORMONE (MCH) BINDING TO THE SOMATOSTATIN-LIKE RECEPTOR (SLC-1)
- DOSAGES POUR AGONISTES, ANTAGONISTES ET AGONISTES INVERSES D'HORMONE CONCENTRANT LA MELANINE (MCH) SE LIANT AU RECEPTEUR DU TYPE SOMATOSTATINE (SLC-1)
- (71) **ASTRAZENECA AB** [SE/SE]; S-151 85 Södertälje (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AHMAD, Sultan** [IN/CA]; AstraZeneca R & D Montréal, 7171 Frederick Banting, St-Laurent, Quebec H4S 1Z9 (CA). **CAO, Jack** [CN/CA]; AstraZeneca R & D Montréal, 7171 Frederick Banting, St-Laurent, Quebec H4S 1Z9 (CA). **GRAZZINI, Eric** [FR/CA]; AstraZeneca R & D Montréal, 7171 Frederick Banting, St-Laurent, Quebec H4S 1Z9 (CA). **LEMBO, Paola** [CA/CA]; AstraZeneca R & D Montréal, 7171 Frederick Banting, St-Laurent, Quebec H4S 1Z9 (CA). **WALKER, Philippe** [CH/CA]; AstraZeneca R & D Montréal, 7171 Frederick Banting, St-Laurent, Quebec H4S 1Z9 (CA).
- (74) **ASTRAZENECA AB**; Global Intellectual Property, Patents, S-151 85 Södertälje (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **G01N 33/574, 33/569, C12Q 1/68**
- (11) **WO 00/70348** (13) A1
- (21) PCT/AU00/00441
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) PQ 0377 **14 May/mai 1999** AU  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHODS FOR PREDICTING AND/OR DIAGNOSING THE RISK OF GASTRIC CANCER
- METHODES PERMETTANT DE PREVOIR ET/OU DIAGNOSTIQUER LES RISQUES DE CANCERS GASTRIQUES
- (71) **VRI BIOMEDICAL LIMITED** [AU/AU]; Level 29, Chifley Square, Sydney, NSW 2000 (AU).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CLANCY, Robert, Llewellyn** [AU/AU]; 11 High Street, Newcastle, NSW 2300 (AU). **PANG, Gerald** [AU/AU]; 4/25 Billyard Avenue, Elizabeth Bay, NSW 2011 (AU).
- (74) **BALDWIN SHELSTON WATERS**; 60 Margaret Street, Sydney, NSW 2000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01N 33/574, C12Q 1/68, C07K 1/00, C07H 21/02**
- (11) **WO 00/70349** (13) A1
- (21) PCT/US00/13713
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/313,463 **17 May/mai 1999** US  
(17.05.1999)
- (30) 60/166,100 **17 Nov/nov 1999** US  
(17.11.1999)
- (30) 09/473,510 **28 Dec/déc 1999** US  
(28.12.1999)
- (30) 09/502,404 **10 Feb/fév 2000** US  
(10.02.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • IDENTIFYING MATERIAL FROM A BREAST DUCT
- IDENTIFICATION DE SUBSTANCES PROVENANT D'UN CANAL GALACTOPHORE
- (71) **PRO DUCT HEALTH, INC.** [US/US]; Suite 201, 1360 Willow Road, Menlo Park, CA 94025 (US).
- (72) **HUNG, David, T.**; 2634 Belmont Canyon Road, Belmont, CA 94002-1203 (US).
- (74) **HESLIN, James, M.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th Floor, Two Embarcadero Center, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01N 33/68**
- (11) **WO 00/70350** (13) A1
- (21) PCT/CA00/00549
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 60/133,876 **12 May/mai 1999** US  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR RAPID MEASUREMENT OF HbA<sub>1c</sub>
- PROCEDE ET DISPOSITIF DE MESURE RAPIDE DE HBA<sub>1c</sub>
- (71) **CME TELEMETRIX INC.** [CA/CA]; 560 Parkside Drive, Waterloo, Ontario N2L 5Z4 (CA).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAMSOONDAR, James** [CA/CA]; 40 Hilborn Avenue, Cambridge, Ontario N1T 1M7 (CA). **PAWLUCZYK, Romuald** [CA/CA]; 362 Roselawn Place, Waterloo, Ontario N2L 5P1 (CA). **PETERSEN, Borge** [CA/CA]; 44 Cedar Waxwing Drive, Elmira, Ontario N3B 1E6 (CA). **CADELL, Theodore, E.** [CA/CA]; 13 Elgin Street East, Conestogo, Ontario N0B 1N0 (CA). **ZINMAN, Bernard** [CA/CA]; 9 Dunloe Road, Toronto, Ontario M4V 2W4 (CA).
- (74) **BERESKIN & PARR**; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **G01N 33/68**
- (11) **WO 00/70351** (13) A2
- (21) PCT/CA00/00587
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,259 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PROTEIN-PROTEIN INTERACTIONS AND METHODS FOR IDENTIFYING INTERACTING PROTEINS AND THE AMINO ACID SEQUENCE AT THE SITE OF INTERACTION
- INTERACTIONS PROTEINE-PROTEINE ET TECHNIQUES PERMETTANT D'IDENTIFIER DES PROTEINES INTERAGISSANT ET LA SEQUENCE D'ACIDES AMINES AU NIVEAU DU SITE D'INTERACTION
- (71) **MCGILL UNIVERSITY** [CA/CA]; 3550 University Street, Montreal, Quebec H3A 2A7 (CA).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GEORGES, Elias** [CA/CA]; 2095 rue de Vouvray, Chomedey, Laval, Quebec H7M 3J7 (CA).

- (74) **DUBUC, Jean, H.** et al. / etc.; Goudreau Gage Dubuc, The Stock Exchange Tower, Suite 3400, 800 Place Victoria, Montreal, Quebec H4Z 1E9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01N 33/68, 33/574**
- (11) **WO 00/70352** (13) A1
- (21) PCT/GB00/01866
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 9911302.9 **14 May/mai 1999 GB (14.05.1999)**
- (30) 9914971.8 **25 Jun/juin 1999 GB (25.06.1999)**
- (30) 0007254.6 **24 Mar/mar 2000 GB (24.03.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TREATING CANCER  
• TRAITEMENT DU CANCER
- (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) **RUDLAND, Philip, Spencer** [GB/GB]; 2 Brampton Drive, Myrtle Street, Liverpool L8 7ST (GB). **BARRACLOUGH, Barry, Roger** [GB/GB]; Derby and Rathbone Hall, North Mossley Hill Road, Liverpool L18 8BH (GB). **WARENIUS, Hilmar, Meek** [GB/GB]; 14 Delavor Road, Heswall, Wirral CH60 4RN (GB).
- (74) **DANIELS, Jeffrey, Nicholas** et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01P 3/62, 21/02, G01S 5/14**
- (11) **WO 00/70354** (13) A1
- (21) PCT/US00/13169
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,089 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR DETERMINING THE VERTICAL SPEED OF AN AIRCRAFT  
• PROCEDE ET APPAREIL POUR DETERMINER LA VITESSE VERTICALE D'UN AERONEF
- 
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; Law Department, 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-9806 (US).
- (72) **JOHNSON, Steven, C.**; 4237 245th Avenue SE, Issaquah, WA 98029 (US).
- (74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).
- (81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G01R 1/073**
- (11) **WO 00/70355** (13) A1
- (21) PCT/DE00/01522
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) de (26) de
- (30) 299 08 399.3 **16 May/mai 1999 DE (16.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • COMPONENT GEOMETRY-INDEPENDENT DEVICE FOR TESTING ELECTRONIC COMPONENTS WITH MOVABLE CONTACT MEANS  
• DISPOSITIF SERVANT A TESTER DES COMPOSANTS ELECTRONIQUES INDEPENDANT DE LA GEOMETRIE DES COMPOSANTS ET COMPORANT UN MOYEN DE CONTACT MOBILE
- (71) **DUAL-M-TECH AG** [DE/DE]; Goethestrasse 15, D-83209 Prien (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MEISSNER, Hans-Georg** [DE/DE]; Dr.-Schreyer-Strasse 15, D-83233 Bernau (DE).
- (74) **KELLER, Hans, Theodor**; Heubergweg 8, D-83064 Raubling (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> **G01R 19/00**
- (11) **WO 00/70356** (13) A1
- (21) PCT/US00/13696
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 60/134,843 **19 May/mai 1999 US (19.05.1999)**

- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **MAGNETICALLY EQUIVALENT RF COIL ARRAYS**  
• RESEAUX DE BOBINES RF MAGNETIQUEMENT EQUIVALENTES
- (71) **INTERMAGNETICS GENERAL CORPORATION** [US/US]; 450 Old Niskayuna Road, P.O. Box 461, Latham, NY 12110-0461 (US).
- (72) **HENNESSY, Michael, J.**; 5 Patroon Place, Ballston Lake, NY 12019 (US).
- (74) **HELFGOTT, Samson** et al. / etc.; Helfgott & Karas, P.C., 350 Fifth Avenue, Suite 6024, New York, NY 10118 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01R 29/00**
- (11) **WO 00/70357** (13) A2
- (21) PCT/US00/13545
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/313,435 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **AUTOMATED FREQUENCY STEPPING NOISE MEASUREMENT TEST SYSTEM**  
• SYSTEME DE TEST AUTOMATISE DE MESURE DU BRUIT DE CHANGEMENT DE FREQUENCE
- (71, 72) **RZYSKI, Eugene** [US/US]; 3962 Acacia Street, Irvine, CA 92616 (US).
- (74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01R 31/02**
- (11) **WO 00/70358** (13) A1
- (21) PCT/US00/13862
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 60/134,800 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **METHOD FOR TESTING CIRCUITS**  
• PROCEDE DESTINE A TESTER DES CIRCUITS
- (71) **GEORGIA TECH RESEARCH CORPORATION** [US/US]; Office Of Technology Licensing, 400 Tenth Street, Atlanta, GA 30332-0415 (US).
- (72) **VARIYAM, Pramodchandran, N.**; 500 North Side Circle, T4, Atlanta, GA 30309 (US). **CHATTERJEE, Abhijit**; 2267 Orleans Avenue, Marietta, GA 30062 (US).
- (74) **HORSTEMEYER, Scott, A.**; Thomas, Kayden, Horstemeyer & Risley, L.L.P., Suite 1750, 100 Galleria Parkway, Atlanta, GA 30339 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **G01R 31/30, G11C 29/00**
- (11) **WO 00/70359** (13) A1
- (21) PCT/EP00/04318
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) de (26) de
- (30) 99109647.0 **14 May/mai 1999 EP (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **INTEGRATED CIRCUIT AND METHOD FOR DETERMINING THE CURRENT YIELD OF A PART OF THE INTEGRATED CIRCUIT**  
• CIRCUIT INTEGRE ET PROCEDE PERMETTANT DE DETERMINER LA PRODUCTIVITE DE COURANT D'UNE PARTIE DU CIRCUIT INTEGRE
- (71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-martin-Strasse 53, D-81541 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WEDER, Uwe** [DE/DE]; Im Bäckerfeld 23 A, D-84072 Au/Hallertau (DE).
- (74) **INFINEON TECHNOLOGIES AG**; Zedlitz, Peter, Postfach 22 13 17, D-80503 München (DE).
- (81) BR CN IN JP KR MX RU UA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **G01R 31/309, G01N 21/956, G06T 7/00**
- (11) **WO 00/70360** (13) A1
- (21) PCT/IE00/00061
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 990391 **14 May/mai 1999 IE (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **A MICROVIA INSPECTION SYSTEM**  
• SYSTEME D'INSPECTION DE TROUS D'INTERCONNEXION MICROSCOPIQUES
- (71) **MV RESEARCH LIMITED** [IE/IE]; Unit 3, IDA Enterprise Centre, Pearse Street, Dublin 2 (IE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOYLE, Adrian** [IE/IE]; 9 Togher Grove, Monasterevin, County Kildare (IE). **CONLON, Peter** [IE/IE]; "Easter Snow", 39 St. Mary's Road, Ballsbridge, Dublin 4 (IE). **DORR, Niall** [IE/IE]; 4 Bramblefield View, Navan Road, Dublin 15 (IE). **MAHON, James** [IE/IE]; 137 St. Mobhi Road, Dublin 9 (IE). **OWEN, Mark** [US/US]; 16075 NW Telshire Drive, Beaverton, OR 97006 (US).
- (74) **WELDON, Michael, J.** et al. / etc.; John A. O'Brien & Associates, Duncairn House, Third floor, 14 Carysfort Avenue, Blackrock, County Dublin (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01R 33/04, G01C 17/28**
- (11) **WO 00/70361** (13) A1
- (21) PCT/US00/13540
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 09/314,322 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **LOW POWER FLUXGATE CIRCUIT WITH CURRENT BALANCE**

- CIRCUIT DE SONDE MAGNETOMETRIQUE A FAIBLE PUISSANCE A EQUILIBRAGE DU COURANT
- (71) **ARTHUR D. LITTLE, INC.** [US/US]; 20 Acorn Park, Cambridge, MA 02140 (US).
- (72) **FOWLER, J., Thomas;** 12 Old Salem Road, Marblehead, MA 01945 (US).
- (74) **KUSMER, Toby, H.** et al. / etc.; McDermott, Will & Emery, 28 State Street, Boston, MA 02109 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G01R 33/563**
- (11) **WO 00/70362** (13) A1
- (21) PCT/EP00/04218
- (22) **8 May/mai 2000 (08.05.2000)**
- (25) en (26) en
- (30) 199 22 214.2 **14 May/mai 1999** DE (14.05.1999)
- (30) 199 52 880.2 **3 Nov/nov 1999** DE (03.11.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MR ELASTOGRAPHY METHOD
- PROCEDE D'ELASTOGRAPHIE PAR RESONANCE MAGNETIQUE
- (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) **PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH** [DE/DE]; Habsburgerallee 11, D-52066 Aachen (DE).  
(only for / seulement pour DE)
- (72, 75) **SINKUS, Ralph** [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).  
**HOLZ, Dietrich, J., K.** [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).  
**DARGATZ, Michael, W., P.** [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **HARTMANN, Heinrich;** Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G01S 1/02, G04G 7/02**
- (11) **WO 00/70363** (13) A1
- (21) PCT/GB00/01801
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 9911135.3 **14 May/mai 1999** GB (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • IMPROVEMENTS IN OR RELATING TO OBJECT LOCATION
- AMELIORATIONS DANS OU RELATIVES A LA LOCALISATION D'OBJET
- (71) **ROKE MANOR RESEARCH LIMITED** [GB/GB]; Roke Manor, Old Salisbury Lane, Romsey, Hants SO51 0ZN (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RICKARD, David, Charles** [GB/GB]; Caprice Cottage, Winterslow, Salisbury, Wiltshire (GB). **HORNE, James, William** [GB/GB]; 4 Barker Mill Close, Southampton, Hampshire SO16 8LJ (GB).
- (74) **MACKETT, Margaret;** Siemens Shared Services Limited, Intellectual Property Department, Siemens House, Oldbury, Bracknell, Berkshire RG12 8FZ (GB).
- (81) AU BR CA CN IN JP KR NZ SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G01S 1/14, F41G 7/28**
- (11) **WO 00/70364** (13) A1
- (21) PCT/FR00/01307
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) fr (26) fr
- (30) 99/06228 **17 May/mai 1999** FR (17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND DEVICE FOR MAGNETIC GUIDANCE, ESPECIALLY FOR TRACKING TARGETS
- PROCEDE ET DISPOSITIF DE GUIDAGE ELECTROMAGNETIQUE, APPLIQUES NOTAMMENT A LA POURSUITE DE CIBLES
- (71) **THOMSON-CSF** [FR/FR]; 173, boulevard Haussmann, F-75008 Paris (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PERRIN, Jacques** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Département Brevets, 13, avenue du Prés. Salvador Allende, F-94117 Arcueil Cedex (FR). **BAUDAS, Sylvain** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Département Brevets, 13, avenue du Prés. Salvador Allende, F-94117 Arcueil Cedex (FR).
- (74) **LUCAS, Laurent;** Thomson-CSF Propriété Intellectuelle, Dépt. Brevets, 13, avenue du Prés. Salvador Allende, F-94117 Arcueil Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01S 5/12**
- (11) **WO 00/70365** (13) A1
- (21) PCT/NZ00/00076
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 335787 **14 May/mai 1999** NZ (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • IMPROVEMENTS IN AND RELATING TO POSITION ESTIMATION SYSTEMS
- AMÉLIORATIONS APPORTÉES À DES SYSTÈMES DE POURSUITE
- (71) **AUCKLAND UNISERVICES LIMITED** [NZ/NZ]; 58 Symonds Street, Auckland (NZ).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WINTON, Paul, William, James** [NZ/NZ]; 3/19 London Street, St Marys Bay, Auckland (NZ). **HÄMMERLE, Enrico** [DE/NZ]; 150 Paremuremo Road, Albany (NZ).
- (74) **HAWKINS, Michael, Howard** et al. / etc.; Baldwin Shelston Waters, NCR Building, 342 Lambton Quay, Wellington (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01S 7/52, 15/89**
- (11) **WO 00/70366** (13) A1
- (21) PCT/EP00/04884
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/314.039 **18 May/mai 1999** US (18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PORTABLE ULTRASOUND DIAGNOSTIC SYSTEM WITH HANDSFREE DISPLAY
- SYSTEME DE DIAGNOSTIC ULTRASONORE PORTATIF ET VISUEL MAINS LIBRES
- (71) **PIE MEDICAL EQUIPMENT B.V.** [NL/NL]; Philipsweg 1, NL-6227 AJ Maas-tricht (NL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KEMME, Frank, Sixtus, Jacobus, Marie** [NL/NL]; Vlaanderenstraat 5, NL-6137 LM Sittard (NL). **WILLEMS, Johannes, Hubertus, Martha** [NL/NL]; Cassiushof 10, NL-6215 GK Maastricht (NL).

(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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01V 1/28

(11) WO 00/70367 (13) A1

(21) PCT/NO00/00107

(22) 29 Mar/mar 2000 (29.03.2000)

(25) en (26) en

(30) 09/314,647 19 May/mai 1999 US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DYNAMIC DATUMMING FOR LAND AND MARINE MULTICOMPONENT SEISMIC DATA PROCESSING

• SURFACE DE REFERENCE DYNAMIQUE POUR LE TRAITEMENT DE DONNEES SISMIQUES A MULTIPLES COMPOSANTES EN TERMES TERRESTRES ET MARINS

(71) **PGS SERES AS** [NO/NO]; Strandveien 4, N-1326 Lysaker (NO).

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

(72, 75) **ZHANG, Yaohui** [CN/US]; 23006 N. Warmstone Way, Katy, TX 77494 (US).

(74) **ABC-PATENT, SIVILING. ROLF CHR. B. LARSEN A.S.**; Brynsveien 5, N-0667 Oslo (NO).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01V 3/10

(11) WO 00/70368 (13) A1

(21) PCT/US00/13354

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 09/311,100 13 May/mai 1999 US (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PROXIMITY SENSOR METHOD AND APPARATUS THAT IS INSENSITIVE TO TEMPERATURE, NOISE AND LENGTH OF WIRE

• CAPTEUR DE PROXIMITÉ, PROCÉDE ET APPAREIL SENSIBLE A LA TEMPERATURE, AU BRUIT ET AUX LONGUEURS DE CABLE

(71) **HONEYWELL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) **DEMMA, Nick, Anthony**; 3609 Main Street NE, Minneapolis, MN 55418 (US). **VETSCH, Leroy, Ernest**; 6747 W. Robin Lane, Glendale, AZ 85310 (US). **ROGOFF, Stephen, Forrest**; 6120 W. Park View Lane, Glendale, AZ 85310 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell Inc. (Law Dept., Attn: A. Olinger), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> G01W 1/08, B64B 1/42

(11) WO 00/70369 (13) A1

(21) PCT/FR00/01343

(22) 18 May/mai 2000 (18.05.2000)

(25) fr (26) fr

(30) 99/06270 18 May/mai 1999 FR (18.05.1999)

(30) 00/00047 4 Jan/jan 2000 FR (04.01.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DEVICE USING A LOCAL IRREGULARITY TO REDUCE THE EXTENT OF THE UNWANTED MOVEMENTS OF WEATHER BALLOONS

• DISPOSITIF UTILISANT UNE ASPÉRITE LOCALE POUR RÉDUIRE L'AMPLITUDE DES MOUVEMENTS PARASITES DES BALLONS DE SON-DAGE MÉTÉOROLOGIQUES

(71, 72) **BARAT, Jean** [FR/FR]; Moulin du Haut, F-33190 Noaillac (FR).

(74) **DRONNE, Guy** et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F-75340 Paris Cedex 07 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B

(11) WO 00/70370 (13) A2

(21) PCT/US00/13681

(22) 19 May/mai 2000 (19.05.2000)

(25) en (26) en

(30) 60/134,907 19 May/mai 1999 US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • APPARATUS FOR FORMING LATERALLY LIGHT EMITTING FIBER OPTIC CABLE, LATERALLY LIGHT EMITTING FIBER OPTIC CABLE AND ASSOCIATED METHODS

• APPAREIL PERMETTANT DE FORMER DES CABLES A FIBRES OPTIQUES A EMISSION LATÉRALE DE LUMIÈRE, CABLES A FIBRES OPTIQUES A EMISSION LATÉRALE DE LUMIÈRE ET PROCÉDES ASSOCIÉS

(71) **OPTIC-TECH INTERNATIONAL CORP.** [US/US]; 2601 N.W. 105th Avenue, Miami, FL 33172 (US).

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

(72, 75) **CARUSO, Jack** [US/US]; 7522 Rio Pinar Lakes Boulevard, Orlando, FL 32822 (US).

(74) **NEWLAND, Bart, G.** et al. / etc.; Rothwell, Figg, Ernst & Manbeck, Suite 701 East, 555 13th Street N.W., Columbia Square, Washington, D.C. 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B

(11) WO 00/70371 (13) A2

(21) PCT/US00/13740

(22) 19 May/mai 2000 (19.05.2000)

(25) en (26) en

(30) 60/134,840 19 May/mai 1999 US (19.05.1999)

(30) 09/442,943 18 Nov/nov 1999 US (18.11.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • LATERAL LIGHT EMITTING FIBER OPTIC CABLE WITH IMPROVED LIGHT OUTPUT

• CABLE A FIBRES OPTIQUES ÉMETTANT DE LA LUMIÈRE LATÉRALE AYANT UN MEILLEUR RENDEMENT LUMINEUX

- (71) **OPTIC-TECH INTERNATIONAL CORP.** [US/US]; 2601 N.W. 105th Avenue, Miami, FL 33172 (US).
- (72) **CARUSO, Jack**; 7522 Rio Pinar Lakes Boulevard, Orlando, FL 32822 (US).
- (74) **NEWLAND, Bart, G.** et al. / etc.; Rothwell, Figg, Ernst & Manbeck, Suite 701 East, 555 13th Street N.W., Columbia Square, Washington, DC 20004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G02B**
- (11) **WO 00/70372** (13) A2
- (21) PCT/US00/13742
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 60/134,842 **19 May/mai 1999 US (19.05.1999)**
- (30) 09/442,942 **18 Nov/nov 1999 US (18.11.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • JACKETED FIBER OPTIC CABLE WITH IMPROVED LIGHT OUTPUT
- CABLE A FIBRES OPTIQUES CHEMISEES AVEC SORTIE AMELIOREE DE LUMIERE
- (71) **OPTIC-TECH INTERNATIONAL CORP.** [US/US]; 2601 N.W. 105th Avenue, Miami, FL 33172 (US).
- (72) **CARUSO, Jack**; 7522 Rio Pinar Lakes Boulevard, Orlando, FL 32822 (US).
- (74) **NEWLAND, Bart, G.** et al. / etc.; Rothwell, Figg, Ernst & Manbeck, Suite 701 East, Columbia Square, 555 13th Street N.W., Washington, DC 20004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G02B 1/00**
- (11) **WO 00/70373** (13) A1
- (21) PCT/US00/06709
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 60/133,871 **12 May/mai 1999 US (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LOW REFLECTION COMPOSITE IN TRANSPARENT MATRIX
- COMPOSITE A FAIBLE REFLEXION DANS UNE MATRICE TRANSPARENTE
- (71) **CPFILMS, INC.** [US/US]; P.O. Box 5068, Martinsville, VA 24115 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MASCHWITZ, Peter, A.** [US/US]; 1202 Mulberry Road, Martinsville, VA 24112 (US).
- (74) **DEBENEDICTIS, Joseph** et al. / etc.; Bacon & Thomas, PLLC, 4th floor, 625 Slaters Lane, Alexandria, VA 22314 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G02B 5/00, 27/00**
- (11) **WO 00/70374** (13) A1
- (21) PCT/US00/13311
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/312,682 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • EXTERIOR MIRROR SUB-ASSEMBLY WITH COMBINED ELECTRONIC CIRCUITRY AND MIRROR ELEMENT
- SOUS-ENSEMBLE MIROIR EXTERIEUR COMBINANT CIRCUIT ELECTRONIQUE ET ELEMENT MIROIR
- (71) **GENTEX CORPORATION** [US/US]; 600 N. Centennial Street, Zeeland, MI 49464 (US).
- (72) **STEENWYK, Timothy, E.**; 7775 Grace-land, Jenison, MI 49428 (US). **KNAPP, Robert, C.**; 5749 Beechwood, Coleman, MI 49038 (US).
- (74) **CARRIER, Robert, J.**; Price, Heneveld, Cooper, DeWitt & Litton, 695 Kenmoor, S.E., P.O. Box 2567, Grand Rapids, MI 49501 (US).
- (81) AT AU BG BR CA CH CN CZ DE DK ES FI GB GE HU ID IL IN JP KR MX NO NZ PL PT RO RU SE SG SI SK TR UA YU ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G02B 5/08**
- (11) **WO 00/70375** (13) A1
- (21) PCT/US00/13623
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 60/134,403 **17 May/mai 1999 US (17.05.1999)**
- (30) 60/159,524 **15 Oct/oct 1999 US (15.10.1999)**
- (30) 09/571,482 **16 May/mai 2000 US (16.05.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SELF-LEVELING PENTA LASER BEAM DEVICE
- DISPOSITIF A FAISCEAU PENTALASER A AUTOREGLAGE DE NIVEAU
- (71) **TLZ, INC.** [US/US]; 404 Villa Street, Mountain View, CA 94041 (US). **TOOLZ, LTD.** [-/CN]; 22 Floor, 168 Sai Yeung Choi Street, Mongkok, Kowloon, Hong Kong (CN).
- (72) **TACKLIND, Christopher, A.**; 250 Cowper Street, Palo Alto, CA 94301 (US). **CARLSEN, William**; 404 Villa Street, Mountain View, CA 94041 (US). **KIM, Darren, Chin-Ho**; 5160 Claremont Avenue #402, Oakland, CA 94618 (US). **DUVAL, Eugene, F.**; 404 Villa Street, Mountain View, CA 94041 (US). **BUTLER, Andrew, G.**; 404 Villa Street, Mountain View, CA 94041 (US). **ZIMMERMAN, Thomas**; 404 Villa Street, Mountain View, CA 94041 (US).
- (74) **MEYER, Sheldon, R.**; Fliesler Dubb Meyer and Lovejoy LLP, Four Embarcadero Center, Suite 400, San Francisco, CA 94111-4156 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G02B 5/30**
- (11) **WO 00/70376** (13) A1
- (21) PCT/US00/13063
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,223 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • OPTICAL SYSTEM FOR PRODUCING A MODULATED COLOR IMAGE
- SYSTEME OPTIQUE POUR PRODUIRE UNE IMAGE COULEUR MODULEE

- (71) **COLORLINK, INC.** [US/US]; Suite 250, 2425 25th Street, Boulder, CO 80301 (US).
- (72) **SHARP, Gary, D.**; 5251 Olde Stage Road, Boulder, CO 80301 (US). **ROBINSON, Michael, G.**; 305 Kiowa Place, Boulder, CO 80303 (US). **BIRGE, Jonathan, R.**; 805 29th Street #353, Boulder, CO 80303 (US).
- (74) **FLESHNER, Mark, L.**; Fleshner & Kim, LLP, P.O. Box 221200, Chantilly, VA 20153-1200 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 6/10, 6/12, 6/13, 6/24, 6/26

- (11) **WO 00/70377** (13) A1
- (21) PCT/IL00/00259
- (22) **7 May/mai 2000 (07.05.2000)**
- (25) en (26) en
- (30) 09/312,781 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MODULATED LIGHT SOURCE AND METHODS OF PRODUCING A MODULATED LIGHT SOURCE  
• SOURCE DE LUMIERE MODULEE ET PROCEDE DE PRODUCTION D'UNE TELLE SOURCE
- (71) **CHIARO NETWORKS LTD.** [IL/IL]; Nahum Hefzadi Street 5, 95484 Jerusalem (IL). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHEKEL, Eyal** [IL/IL]; Haporzim Street 22, 92541 Jerusalem (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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G02B 6/22, 6/16

- (11) **WO 00/70378** (13) A1
- (21) PCT/JP00/03148

- (22) **17 May/mai 2000 (17.05.2000)**
- (25) ja (26) ja
- (30) 11/135799 **17 May/mai 1999 JP (17.05.1999)**
- (30) 2000/118217 **19 Apr/avr 2000 JP (19.04.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • OPTICAL FIBER AND OPTICAL TRANSMISSION LINE COMPRISING THE OPTICAL FIBER  
• FIBRE OPTIQUE ET LIGNE DE TRANSMISSION OPTIQUE COMPRENANT LA FIBRE OPTIQUE
- (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) **ARAI, Shinichi** [JP/JP]; The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP). **SUGIZAKI, Ryuichi** [JP/JP]; The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP). **AISO, Keiichi** [JP/JP]; The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP).
- (74) **IGARASHI, Kiyoshi**; Room 908, Yokohamagishiguchi Bldg., 10-13, Takashima 2-chome, Nishi-ku, Yokohama-shi, Kanagawa 220-0011 (JP).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> G02B 6/26

- (11) **WO 00/70379** (13) A1
- (21) PCT/US00/11038
- (22) **24 Apr/avr 2000 (24.04.2000)**
- (25) en (26) en
- (30) 60/134,565 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • AMPLITUDE TUNABLE FILTER  
• FILTRE REGLABLE EN AMPLITUDE
- (71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
- (72) **CHEN, Gang**; 12 Ambrose Drive, Horseheads, NY 14845 (US). **DAWES, Steven, B.**; 4 East 4th Street, Corning, NY 14830 (US). **KOHNKE, Glenn, E.**; 310 West High Street, Painted Post, NY 14870 (US). **WELLER-BROPHY, Laura, A.**; 6 Pine Lane, Corning, NY 14830 (US).
- (74) **SHORT, Svetlana, Z.**; Patent Department, SP TI 3-1, Corning Incorporated, Corning, NY 14831 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>6</sup> G02B 6/293, H04J 14/02

- (11) **WO 00/70380** (13) A1
- (21) PCT/JP99/02500
- (22) **14 May/mai 1999 (14.05.1999)**
- (25) ja (26) ja
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • OPTICAL DEVICE, TERMINAL STATION APPARATUS AND SYSTEM FOR WAVELENGTH DIVISION MULTIPLEX  
• DISPOSITIF OPTIQUE, APPAREIL DE STATION TERMINALE ET SYSTEME DE MULTIPLEXAGE PAR REPARTITION EN LONGUEUR D'ONDE
- (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) **KUBO, Teruhiro** [JP/JP]; Fujitsu Hokkaido Digital Technology Limited, 3-1, Nishi 4-chome, Kita 7-Jo, Kita-ku, Sapporo-shi, Hokkaido 060-0807 (JP).
- (74) **MATSUMOTO, Takashi**; Matsumoto & Associates, Almond Akasaka Building 9th Floor, 2-2, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) JP US.
- (51)<sup>7</sup> G02B 6/38, 6/42
- (11) **WO 00/70381** (13) A1
- (21) PCT/US99/20683
- (22) **9 Sep/sep 1999 (09.09.1999)**
- (25) en (26) en
- (30) 09/312,561 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • OPTICAL CONNECTOR ASSEMBLY USING PARTIAL LARGE DIAMETER ALIGNMENT FEATURES  
• ENSEMBLE CONNECTEUR OPTIQUE UTILISANT DES DISPOSITIFS D'ALIGNEMENT PARTIEL DE GRAND DIAMETRE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **IGL, Scott, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **MEIS, Michael, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **HENSON, Gordon, D.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **LEE, Nicholas, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **HO, Néstor, F.** et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 6/44, H02G 7/06

(11) WO 00/70382 (13) A1

(21) PCT/EP00/04314

(22) 12 May/mai 2000 (12.05.2000)

(25) de (26) de

(30) 199 22 183.9 12 May/mai 1999 DE (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • HIGH-VOLTAGE OVERHEAD LINE COMPRISING AN OPTICAL CABLE THAT IS PLACED ON AN OVERHEAD CONDUCTOR OR ON AN OVERHEAD GROUND WIRE

• LIGNE DE TRANSPORT DE COURANT H.T. COMPORTANT UN CABLE OPTIQUE MONTE SUR UN CABLE CONDUCTEUR OU DE GARDE

(71) SCC SPECIAL COMMUNICATION CABLES GMBH & CO KG [DE/DE]; P.O. Box 700309, D-81303 München (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) PUTZ, Christian [DE/DE]; Chiemseering 61, D-85551 Kirchheim (DE). LEDE-RER, Tobias [DE/DE]; Elsenheimer Str. 14, D-80687 München (DE). RAICHEL, Viktor [DE/DE]; Werner-Egg-Bogen 23, D-80939 München (DE). EINSLE, Günter [DE/DE]; Hofbrunnstr. 22, D-81479 München (DE). MAYR, Ernst [DE/DE]; Starnberger Wiese 38, D-82319 Starnberg (DE).

(74) EPPING HERMANN & FISCHER; Ridlerstrasse 55, D-80339 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G02B 7/182, H01S 3/086, 3/098

(11) WO 00/70383 (13) A1

(21) PCT/AT00/00131

(22) 11 May/mai 2000 (11.05.2000)

(25) de (26) de

(30) A 885/99 18 May/mai 1999 AT (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FOCUSING DEVICE

• DISPOSITIF DE CONCENTRATION

(71) FEMTOLASERS PRODUKTIONS GMBH [AT/AT]; Kleinengerdorferstrasse 24, A-2100 Korneuburg (AT). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) STINGL, Andreas [AT/AT]; Kleinengerdorferstrasse 24, A-2100 Korneuburg (AT).

(74) SONN, Helmut et al. / etc.; Riemergasse 14, A-1010 Wien (AT).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 7/182

(11) WO 00/70384 (13) A1

(21) PCT/FR00/01325

(22) 17 May/mai 2000 (17.05.2000)

(25) fr (26) fr

(30) 99/06285 18 May/mai 1999 FR (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MIRROR SUPPORT

• SUPPORT DE MIROIR

(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) DESCHASEAUX, Gérard [FR/FR]; 19, avenue de la Forêt, F-33830 Belin Beliet (FR).

(74) LEHU, Jean; Brevetome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> G02B 21/00

(11) WO 00/70385 (13) A2

(21) PCT/DE00/01466

(22) 11 May/mai 2000 (11.05.2000)

(25) de (26) de

(30) 199 23 074.9 13 May/mai 1999 DE (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • HIGH-RESOLUTION VIDEO MICROSCOPE FOR MEASURING EXTRACTED SAMPLES OF PARTICLE SUSPENSIONS, WITH IMPRESSED SAMPLE OSCILLATION

• VIDEOMICROSCOPE A HAUTE RESOLUTION DESTINE A MESURER DES ECHANTILLONS EXTRAITS DE SUSPENSIONS DE PARTICULES, AVEC AGITATION MECANIQUE MARQUEE DES ECHANTILLONS

(71) KARL VÖLKER STIFTUNG AN DER FACHHOCHSCHULE MANNHEIM [DE/DE]; Windeckstrasse 110, D-68163 Mannheim (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SUHR, Hajo [DE/DE]; Schröderstrasse 33/1, D-69120 Heidelberg (DE).

(74) MEYER-ROEDERN, Giso; Bergheimer Strasse 10-12, D-69115 Heidelberg (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> G02B 27/28, H04N 9/31

(11) WO 00/70386 (13) A1

(21) PCT/US00/13525

(22) 16 May/mai 2000 (16.05.2000)

(25) en (26) en

(30) 09/312,917 17 May/mai 1999 US (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • REFLECTIVE LCD PROJECTION SYSTEM USING WIDE-ANGLE POLARIZING BEAM SPLITTER

• SYSTEME DE PROJECTION REFLECTEUR A AFFICHAGE COULEUR LIQUIDE UTILISANT UN DIVISEUR OPTIQUE DE FAISCEAU DE POLARISATION A GRAND ANGLE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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(74) **HO, Néstor, F.** et al. / etc.; 3M Innovative Properties Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) CA JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> **G02C 1/06**

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(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) PQ 0412 **17 May/mai 1999 AU (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● EYEWEAR ASSEMBLY AND METHOD FOR OBTAINING THE SAME  
● ENSEMBLE LUNETTES ET SON PROCEDE DE REALISATION

(71, 72) **LAZARIDES, Jim, Christopher** [AU/US]; Lazi Glass Culture, 4545 Melbourne Avenue, Los Angeles, CA 90027 (US).

(74) **BERG, Richard, P.** et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036-5679 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G02C 7/04, C08F 290/06, 2/48, A61L 27/00, A61F 2/16, C08F 8/12**

(11) **WO 00/70388** (13) A1

(21) PCT/JP00/02939

(22) **9 May/mai 2000 (09.05.2000)**

(25) ja (26) ja

(30) 11/131678 **12 May/mai 1999 JP (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● OCULAR LENS MATERIALS AND PROCESS FOR PRODUCING THE SAME  
● MATERIAU POUR LENTILLES OCULAIRES ET LEUR PROCEDE DE FABRICATION

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(81) AU CA JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **G02C 9/00, 7/08**

(11) **WO 00/70389** (13) A1

(21) PCT/US99/10976

(22) **18 May/mai 1999 (18.05.1999)**

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● SECONDARY EYEGLASSES WHICH ARE INTENDED FOR ATTACHMENT TO A PAIR OF PRIMARY EYEGLASSES

● LUNETTES D'APPOINT CONÇUES POUR S'AJOUTER A DES LUNETTES PRINCIPALES

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(74) **CRABB, Michael, R.**; Zarley, McKee, Thomte, Voorhees & Sease, Suite 3200, 801 Grand Avenue, Des Moines, IA 50309-2721 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G02C 11/06**

(11) **WO 00/70390** (13) A1

(21) PCT/IB00/00645

(22) **15 May/mai 2000 (15.05.2000)**

(25) it (26) en

(30) MO99A000105 **14 May/mai 1999 IT (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● SPECTACLES  
● LUNETTES

(71) **MARCOLIN S.P.A.** [IT/IT]; Via Noai, 31, I-32040 Vallesella di, Domegge di Cadore (IT).  
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(72, 75) **COFFEN MARCOLIN, Maurizio** [IT/IT]; Vicolo Rovere, 3, I-32040 Treviso (IT).

(74) **LUPPI, Luigi**; Luppi & Crugnola S.r.l., Viale Corassori, 54, I-41100 Modena (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G02F**

(11) **WO 00/70391** (13) A2

(21) PCT/US00/13302

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/311.891 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● A POWER PARTITIONED MINIATURE DISPLAY SYSTEM  
● SYSTEME D'AFFICHAGE MINIATURE FRACTIONNE DU POINT DE VUE DE SON ALIMENTATION

(71) **COLORADO MICRODISPLAY, INC.** [US/US]; 2477 55th street, Suite 201, Boulder, CO 80301 (US).

(72) **GORNY, Douglas, J.**; 6310 Bruntwood Court, Boulder, CO 80303 (US). **MCK-NIGHT, Douglas, J.**; 4390 Comanche Drive, Boulder, CO 80303 (US). **BOHN, Lowell, F., Jr.**; 565 Ithaca Drive, Boulder, CO 80303 (US).

(74) **MILLIKEN, Darren, 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)<sup>7</sup> G02F 1/00  
(11) WO 00/70392 (13) A2  
(21) PCT/EP00/04424  
(22) 12 May/mai 2000 (12.05.2000)  
(25) en (26) en  
(30) 11/134983 14 May/mai 1999 JP (14.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A REFLECTION TYPE COLOR LIQUID CRYSTAL DISPLAY DEVICE HAVING SUB-PIXELS FOR INCREASING LUMINANCE, AND A LIGHT SCATTERING FILM INCLUDING COLOR FILTERS FOR THE SUB-PIXELS AND MANUFACTURING METHOD THEREOF  
• DISPOSITIF D’AFFICHAGE COULEUR A CRISTAUX LIQUIDES A REFLEXION, POURVU DE SOUS-PIXELS PERMETTANT D’AUGMENTER LA BRILLANCE ET D’UN FILM DE DIFFUSION DE LUMIERE COMPRENANT DES FILTRES COULEUR POUR LES SOUS-PIXELS ; ET PROCEDE DE FABRICATION ASSOCIE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
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- (74) RAAP, Adriaan, Y.; Internationaal Octrooi-bureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> G02F 1/13  
(11) WO 00/70394 (13) A2  
(21) PCT/JP00/03118  
(22) 15 May/mai 2000 (15.05.2000)  
(25) en (26) en  
(30) 9911246.8 15 May/mai 1999 GB (15.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • REFLECTIVE LIQUID CRYSTAL DEVICES  
• DISPOSITIFS A CRISTAUX LIQUIDES RETROREFLECHISSANTS
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaikecho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).  
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- (74) YAMAMOTO, Shusaku; Fifteenth Floor, Crystal Tower 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).
- (81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> G02F 1/13  
(11) WO 00/70395 (13) A1  
(21) PCT/US00/13428  
(22) 16 May/mai 2000 (16.05.2000)  
(25) en (26) en  
(30) 09/313,222 17 May/mai 1999 US (17.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • BALL GRID ARRAY MOUNTED LIQUID CRYSTAL DISPLAY PANEL  
• PANNEAU D’AFFICHAGE A CRISTAUX LIQUIDES MONTE SUR GRILLE MATRICIELLE A BILLES
- (71) COLORADO MICRODISPLAY, INC. [US/US]; Suite 201, 2477 55th Street, Boulder, CO 80301 (US).
- (72) ARMAGOST, Karl, M.; 7180 Four Rivers Road, Boulder, CO 80301 (US). KOLM, James, G.; 2167 Stuart Street, Longmont, CO 80501 (US). POLLARD, Edward, R.; 1839 Cedaridge Circle, Superior, CO 80027 (US). TOTH, Gabor, A.; 259 Foxhollow Lane, Evergreen, CO 80439 (US). HAMBLETON, Jeffrey, F.; 858 S. Grape St., Denver, CO 80246 (US).
- (74) SCHELLER, James, C., Jr. 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G02F 1/133  
(11) WO 00/70396 (13) A1  
(21) PCT/DE00/00879  
(22) 22 Mar/mar 2000 (22.03.2000)  
(25) de (26) de  
(30) 199 22 369.6 14 May/mai 1999 DE (14.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LIQUID CRYSTAL DISPLAY  
• AFFICHAGE A CRISTAUX LIQUIDES
- (71) TRW AUTOMOTIVE ELECTRONICS & COMPONENTS GMBH & CO. KG [DE/DE]; Industriestrasse 2-8, D-78315 Radolfzell (DE).  
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- (72, 75) BIRKE, Lars [DE/DE]; Friedenstrasse 16-1, D-78315 Radolfzell-Böhringen (DE).
- (74) EDER & SCHIESCHKE; Elisabethstrasse 34/II, D-80796 München (DE).
- (81) BR CN CZ JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> G02F 1/133, H01J 17/06  
(11) WO 00/70397 (13) A1  
(21) PCT/EP00/04191  
(22) 1 May/mai 2000 (01.05.2000)  
(25) en (26) en  
(30) 99201516.4 14 May/mai 1999 EP (14.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PLASMA ADDRESSED LIQUID CRYSTAL DISPLAY  
• AFFICHEUR A CRISTAUX LIQUIDES ADRESSABLE PAR PLASMA
- (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) SHIBAZAKI, Minoru [JP/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). UCHIDA, Tatsuo [JP/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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

(72) **ITO, Eri**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN SLOOTEN, Udo**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SCHREUDERS, Herman**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **COSMAN, Edward, C.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DE BEER, Esther**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BÜCHEL, Michael**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **RAAP, Adriaan, Y.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 09/313,547 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ELECTRO-OPTIC DISPLAY DEVICE WITH ELECTRICALLY INSULATING LAYERS

• DISPOSITIF D'AFFICHAGE ELECTRO-OPTIQUE COMPORTANT DES COUCHES ISOLANTES

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

(72) **JANSSEN, Peter, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MELNIK, George, A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **YAKOVENKO, Sergei, Y.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KONOVALOV, Viktor, A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MURAVSKI, Anatoli, A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> G02F 1/1335, 1/1339

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(22) 17 Sep/sep 1999 (17.09.1999)

(25) en (26) en

(30) 09/312,504 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ACTIVE SUBSTRATES FOR COLOR LIQUID CRYSTAL DISPLAYS AND METHOD OF MANUFACTURING THE SAME

• SUBSTRATS ACTIFS POUR ECRAN COULEUR A CRISTAUX LIQUIDES ET LEUR PROCEDE DE FABRICATION

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(74) **MILLER, William, D.** et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02F 1/1335

(11) WO 00/70400 (13) A1

(21) PCT/US00/13562

(22) 17 May/mai 2000 (17.05.2000)

(25) en (26) en

(30) 09/313,124 17 May/mai 1999 US (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • HIGH-BRIGHTNESS COLOR LIQUID CRYSTAL DISPLAY PANEL EMPLOYING LIGHT RECYCLING THEREWITHIN

• AFFICHEUR A CRISTAUX LIQUIDES EN COULEUR A LUMINOSITE ELEVEE RECYCLANT LA LUMIERE

(63) US Not furnished / non communiqué (CIP)  
Not furnished / non communiquée

(71) **REVEO, INC.** [US/US]; 85 Executive Boulevard, Elmsford, NY 10523 (US).  
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(72, 75) **JIANG, Yingqiu** [CN/US]; 1269 Poplar Avenue, 3203, Sunnyvale, CA 94086 (US).

**LI, Le** [CN/US]; 3491 Overlook Avenue, Yorktown Heights, NY 10598 (US). **HOCHBAUM, Aharon** [US/US]; 27 Avis Road, Berkeley, CA 94707 (US). **VARTAK, Sameer** [IN/US]; 41 Greenridge Avenue, 2nd floor Front Unit, White Plains, NY 10605 (US). **GALABOVA, Hristina** [BG/US]; 312 Prospect Avenue, Mamaroneck, NY 10543 (US). **WILEY, Richard** [US/US]; 2178 Deodara Drive, Los Altos, CA 94024 (US). **FARIS, Sadeg, M.** [US/US]; 24 Pocantico River Road, Pleasantville, NY 10570 (US).

(74) **PERKOWSKI, Thomas, J.**; Thomas J. Perkowski, Esq. PC, Soundview Plaza, 1266 East Main Street, Stamford, CT 06902 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02F 1/1362, 1/1339

(11) WO 00/70401 (13) A1

(21) PCT/US00/13470

(22) 16 May/mai 2000 (16.05.2000)

(25) en (26) en

(30) 09/312,946 17 May/mai 1999 US (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MICRO LIQUID CRYSTAL DISPLAYS  
• MICRO-AFFICHEURS A CRISTAUX LIQUIDES

(71) **COLORADO MICRODISPLAY, INC.** [US/US]; Suite 201, 2477 55th Street, Boulder, CO 80301 (US).

(72) **WALKER, Tobias, W.**; 142 S. Tanager Court, Louisville, CO 80027 (US). **MCKNIGHT, Douglas, J.**; 4390 Comanche Drive, Boulder, CO 80303 (US). **ROSELLE, Paul, L.**; W 8920 Ripley Road, Cambridge, WI 53523 (US). **TILTON, Mary**; N6818 Shorewood Hills Road, Lake Mills, WI 53551 (US). **AHLING, Jay, R.**; 903 S. Ferry Drive, Lake Mills, WI 53551 (US).

(74) **SHELLER, James, C., Jr.** 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(22) 27 Apr/avr 2000 (27.04.2000)  
(25) de (26) de  
(30) 199 22 181.2 12 May/mai 1999 DE  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND ARRANGEMENT OF A MODULATOR FOR MULTISTAGED SHIFT-KEYED POLARISED OPTICAL SIGNALS

• PROCEDE ET AGENCEMENT D'UN MODULATEUR POUR SIGNAUX OPTIQUES MANIPULES DECALES EN POLARISATION A ETAGES MULTIPLES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

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(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> G03B 21/14

(11) WO 00/70403 (13) A1  
(21) PCT/US00/12964  
(22) 12 May/mai 2000 (12.05.2000)  
(25) en (26) en  
(30) 09/311,587 14 May/mai 1999 US  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • COLOR IMAGING SYSTEMS AND METHODS

• SYSTEMES ET PROCEDES D'IMAGERIE EN COULEURS

(71) COLORLINK, INC. [US/US]; Suite 250, 2425 25th Street, Boulder, CO 80301 (US).

(72) JOHNSON, Kristina, M.; 7217 Coyote Trail Road, Longmont, CO 80503 (US). SHARP, Gary, D.; 5251 Old Stage Road, Boulder, CO 80301 (US).

(74) FLESHNER, Mark, L.; Fleshner & Kim, LLP, P.O. Box 221200, Chantilly, VA 20153-1200 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G03B 21/62, G02B 3/08

(11) WO 00/70404 (13) A1

(21) PCT/GB00/01858

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 9911306.0 14 May/mai 1999 GB  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DISPLAY AND LIGHT-TRANSMITTING PLATE FOR A DISPLAY

• DISPOSITIF D'AFFICHAGE ET PLAQUE DE TRANSMISSION DE LUMIERE POUR DISPOSITIF D'AFFICHAGE

(71) MICROSHARP CORPORATION LIMITED [GB/GB]; 52 Shrivvenham Hundred Business Park, Watchfield, Swindon, Wiltshire SN6 8TY (GB).

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(72, 75) FAIRHURST, Alison, Mary [GB/GB]; 83 Cromwell Avenue, Thame, Oxfordshire OX9 3YE (GB). CLABBURN, Robin, James, Thomas [GB/GB]; Buckthorn House, Sevenhampton, Wiltshire SN6 7QA (GB).

(74) HOWDEN, Christopher, A.; Forrester Ketley & Co., Forrester House, 52 Bounds Green Road, London N11 2EY (GB).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G03F 1/00, B41C 1/10, G02F 1/1343

(11) WO 00/70405 (13) A1

(21) PCT/US00/13031

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/134,318 14 May/mai 1999 US  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ABLATION ENHANCEMENT LAYER  
• COUCHE AMELIORANT L'ABLATION

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) NAGARKAR, Pradnya, V.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). RICHARD, James, T.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). HEATH, Linda, S.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). CHIULLI, Carl, A.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). SEN, Radha; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). RAM, Jyothsna; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). MCCARTHY, David, W.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) BUCKINGHAM, Stephen, W. 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 BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 19992295 12 May/mai 1999 NO  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHODS FOR PATTERNING POLYMER FILMS, AND USE OF THE METHODS

• PROCEDES PERMETTANT DE FAÇONNER DES FILMS POLYMERES ET UTILISATION DE CES PROCEDES

(71) THIN FILM ELECTRONICS ASA [NO/NO]; P.O. Box 1872 Vika, N-0124 Oslo (NO).

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(72, 75) INGANÄS, Olle [SE/SE]; Wernersgatan 13, S-582 46 Linköping (SE). NYBERG, Tobias [SE/SE]; Solrosgatan 4A, S-582 46 Linköping (SE). GRANLUND, Tomas [SE/SE]; Arrendegatan 23, S-583 31 Linköping (SE).

(74) **LEISTAD, Geirr, I.**; Thin Film Electronics ASA, P.O. Box 1872 Vika, N-0124 Oslo (NO).

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

(51)<sup>7</sup> **G03F 7/20, G02B 13/18, 13/14**

(11) **WO 00/70407** (13) A1

(21) PCT/EP99/10233

(22) **21 Dec/déc 1999 (21.12.1999)**

(25) de (26) de

(30) 199 22 209.6 **14 May/mai 1999 DE (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **PROJECTION LENS FOR MICROLITHOGRAPHY**  
• **OBJECTIF DE PROJECTION POUR LA MICROLITHOGRAPHIE**

(71) **CARL ZEISS [DE/DE]**; D-89518 Heidenheim (DE).  
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(71) **CARL-ZEISS-STIFTUNG trading as CARL ZEISS [DE/DE]**; D-89518 Heidenheim (DE).  
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(72, 75) **SCHUSTER, Karl-Heinz [DE/DE]**; Rechbergstrasse 24, D-89551 Königsbronn (DE).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **G03G 9/083, 9/12**

(11) **WO 00/70408** (13) A1

(21) PCT/US00/12098

(22) **5 May/mai 2000 (05.05.2000)**

(25) en (26) en

(30) 60/134,595 **17 May/mai 1999 US (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **LIQUID MAGNETIC IMAGE CHARACTER RECOGNITION DEVELOPER**  
• **REVELATEUR POUR RECONNAISSANCE DE CARACTERES A ENCRE MAGNETIQUE LIQUIDE**

(63) US 60/134,595 (CON)  
17 May/mai 1999 (17.05.1999)

(71) **FLINT INK CORPORATION [US/US]**; 4600 Arrowhead Drive, Ann Arbor, MI 48105-2773 (US).  
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(72, 75) **JACOB, John [US/US]**; 6556 NW 78 Drive, Parkland, FL 33067 (US).

(74) **BUDDE, Anna, M.**; Harness, Dickey & Pierce, P.L.C., Suite 400, 5445 Corporate Drive, Troy, MI 48098-2683 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G04B 19/22**

(11) **WO 00/70409** (13) A1

(21) PCT/KR99/00308

(22) **17 Jun/juin 1999 (17.06.1999)**

(25) en (26) en

(30) 1999/18043 **19 May/mai 1999 KR (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **UNIVERSAL TIMEPIECE**  
• **HORLOGE UNIVERSELLE**

(71, 72) **EO, Yoon-hyoung [KR/KR]**; 415-79, Bun-Dong, Kangbook-Ku, Seoul 142-060 (KR). **CHOL, Jang-sung [KR/KR]**; 3Fl., Dongsung-Top's Outlet, 308-1, Youngwha-Dong, Jangan-Ku, Suwon 440-050 (KR).

(74) **KIM, Won-joon**; 613, Chungsa Officetel, 915, Dunsan-dong Seo-ku, Taejon 302-828 (KR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G04B 19/22**

(11) **WO 00/70410** (13) A1

(21) PCT/KR99/00311

(22) **17 Jun/juin 1999 (17.06.1999)**

(25) en (26) en

(30) 1999/18044 **19 May/mai 1999 KR (19.05.1999)**

(30) 1999/18045 **19 May/mai 1999 KR (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **UNIVERSAL TIMEPIECE FROM WHICH LATITUDE AND LONGITUDE CAN BE DETERMINED**

• **MONTRE UNIVERSELLE PERMETTANT DE DETERMINER LA LATITUDE ET LA LONGITUDE**

(71, 72) **EO, Yoon-hyoung [KR/KR]**; 415-79, Bun-Dong, Kangbook-ku, Seoul 142-060 (KR). **CHOI, Jang-sung [KR/KR]**; 3Fl., Dongsung-Top's Outlet, 308-1, Youngwha-Dong, Jangan-Ku, Suwon 440-050 (KR).

(74) **KIM, Won-joon**; 613, Chungsa Officetel, 915, Dunsan-dong Seo-ku, Taejon, 302-828 (KR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G04C 3/14, 10/00**

(11) **WO 00/70411** (13) A1

(21) PCT/JP00/03104

(22) **15 May/mai 2000 (15.05.2000)**

(25) ja (26) ja

(30) 11/134761 **14 May/mai 1999 JP (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • **ELECTRONIC EQUIPMENT AND METHOD OF CONTROLLING ELECTRONIC EQUIPMENT**

• **MATERIEL ELECTRONIQUE ET SON PROCEDE DE COMMANDE**

(71) **SEIKO EPSON CORPORATION [JP/JP]**; 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).  
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(72, 75) **FUJISAWA, Teruhiko [JP/JP]**; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **OKEYA, Makoto [JP/JP]**; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) **KAWASAKI, Kenji**; Asahi Patent Office, Yaemasuya Building, 5th Floor, 2-16, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **G04F 13/06**

(11) **WO 00/70412** (13) A1

(21) PCT/US00/05962

(22) **7 Mar/mar 2000 (07.03.2000)**

- (25) en (26) en (25) en (26) en (81) CA.
- (30) 09/311,949 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TIMING DEVICE  
• DISPOSITIF D'ÉVALUATION DU TEMPS
- (71) **CHURCH & DWIGHT CO., INC.** [US/US]; 469 North Harrison Street, Princeton, NJ 08543-5297 (US).
- (72) **ADAMY, Steven, T.**; 12 Brown Lane, Hamilton, NJ 08690 (US). **CALA, Francis, R.**; 308 South 2nd Avenue, Highland Park, NJ 08904 (US).
- (74) **KIPNES, Allen, R.**; Watov & Kipnes, P.C., P.O. Box 247, Princeton Junction, NJ 08550 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G04G 1/00, G04B 37/00**
- (11) **WO 00/70413** (13) A1
- (21) PCT/CH00/00262
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) fr (26) fr
- (30) 99/06317 **17 May/mai 1999** FR  
(17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HINGED ELECTRONIC WATCH  
• MONTRE ELECTRONIQUE ARTICULEE
- (71) **TIMENTEL PTY LIMITED** [AU/AU]; 51 Newcomen Street, Newcastle, NSW 2300 (AU).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RAY, Claude** [CH/CH]; CH-2205 Montezillon (CH).
- (74) **GRESSET – LAESSER – NITHARDT**; Cabinet de Conseils en Propriété Industrielle, Puits-Godet 8A, CH-2000 Neuchâtel (CH).
- (81) AU JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **G05B 9/02**
- (11) **WO 00/70414** (13) A1
- (21) PCT/US00/12673
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 09/312,363 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD OF OPERATING A BOILER  
• PROCÉDE D'ACTIONNEMENT D'UNE CHAUDIERE
- (71) **ALLEGHENY POWER SERVICE CORPORATION** [US/US]; 800 Cabin Hill Drive, Greensburg, PA 15601-1689 (US).
- (72) **PAYSON, Edward, P.**; 119 Brushwood Road, Uniontown, PA 15401 (US). **SENDRO, Daniel, V.**; 113 Willow Crossing Road, Greensburg, PA 15601 (US).
- (74) **SILVERMAN, Arnold, B.**; Eckert Seamans Cherin & Mellott, LLC, 44th floor, 600 Grant Street, Pittsburgh, PA 15219 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **G05B 9/02**
- (11) **WO 00/70415** (13) A1
- (21) PCT/US00/13249
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/312,444 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • AUTOMATIC MODE DETECTION AND REJECTION OF INADVERTENT MODE CHANGES FROM DUAL USE OF SENSOR INPUT CHANNEL  
• DETECTION AUTOMATIQUE DE MODE ET REJET AUTOMATIQUE DE CHANGEMENTS DE MODE INTÉMPÉSTIFS RESULTANT D'UNE DOUBLE UTILISATION D'UN CANAL D'ENTRÉE POURVU D'UN CAPTEUR
- (71) **HONEYWELL INC.** [US/US]; 101 Columbia Road, Morristown, NJ 07692-2245 (US).
- (72) **KENSOK, Timothy, J.**; 4424 Camelot Drive, Minnetonka, MN 55345 (US). **STOUT, Mark, E.**; 18030 21st Avenue N., Plymouth, MN 55447 (US). **HAMMER, Jeffrey, M.**; 3393 Crystal Bay Road, Wayzata, MN 55391 (US). **READIO, Philip, O.**; 4183 Joppa Circle, Savage, MN 55378 (US). **LENTZ, Tracy, L.**; 205 Barry Avenue South #109, Wayzata, MN 55391 (US).
- (74) **CRISS, Roger, H.** et al. / etc.; Honeywell Inc. (Law Dept., Attn: A. Olinger), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).
- (81) CA.
- 
- (51)<sup>7</sup> **G05B 13/02, 19/416**
- (11) **WO 00/70416** (13) A1
- (21) PCT/CA00/00544
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 2,271,563 **13 May/mai 1999** CA  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CUTTING MACHINES USING FUZZY LOGIC CONTROLLER  
• MACHINES A DECOUPER DOTEE D'UN CONTROLEUR A LOGIQUE FLOUE
- (71) **UNIVERSITY OF OTTAWA** [CA/CA]; 550 Cumberland Street, Ottawa, Ontario K1N 6N5 (CA).
- (72) **YEAP, Tet, Hin.**; 675 Roosevelt Avenue, Ottawa, Ontario K2A 2A8 (CA). **LIANG, Ming.**; 344 Cote Royale Crescent, Orleans, Ontario K1E 3L9 (CA).
- (74) **ADAMS, Thomas.**; Thomas Adams & Assoc., Station H, P.O. Box 11100, Ottawa, Ontario K2H 7T8 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G05B 15/00, 19/18**
- (11) **WO 00/70417** (13) A1
- (21) PCT/US00/13618
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 60/134,597 **17 May/mai 1999** US  
(17.05.1999)
- (30) 09/448,374 **23 Nov/nov 1999** US  
(23.11.1999)
- (30) 09/448,845 **23 Nov/nov 1999** US  
(23.11.1999)
- (30) 09/448,223 **23 Nov/nov 1999** US  
(23.11.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PROCESS CONTROL CONFIGURATION SYSTEM WITH PARAMETERIZED OBJECTS  
• SYSTEME DE CONFIGURATION DE COMMANDE DE PROCESSUS VIA DES OBJETS PARAMETRES

- (71) **THE FOXBORO COMPANY** [US/US]; 33 Commercial Street, Foxboro, MA 02035 (US).
- (72) **DARDINSKI, Steven**; 7 Vose Hill Road, Westford, MA 01886 (US). **CAMINO, Nestor**; 4 Blue Sky Drive, Hingham, MA 02043 (US). **ELDRIDGE, Keith**; 239 Poquantic Avenue, North Easton, MA 02356 (US). **HALL, Robert**; 37 Dean Street, South Easton, MA 02375 (US). **JOHNSON, Mark**; 254 Old Wood Road South, North Attleboro, MA 02760 (US). **MACKAY, Brian**; 335 Cove Drive, Coppell, TX 75019-5679 (US). **MESKONIS, Paul**; 178 Rock Street, Norwood, MA 02062 (US). **SHERRILL, Tom**; 220 Landry Avenue, North Attleboro, MA 02760 (US). **VOLK, Scott**; 25 Ramblewood Drive, North Easton, MA 02356 (US).
- (74) **POWSNER, David, J.** et al. / etc.; Nutter, McClennen & Fish, LLP, One International Place, Boston, MA 02110-2699 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G05B 19/042**
- (11) **WO 00/70418** (13) A1
- (21) PCT/FR00/01016
- (22) **19 Apr/avr 2000 (19.04.2000)**
- (25) fr (26) fr
- (30) 99/06089 **12 May/mai 1999 FR (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● CONSTRUCTION KIT AND METHOD FOR CONSTRUCTING SEVERAL COMPLEX INDUSTRIAL INSTALLATIONS
- NECESSAIRE ET PROCEDE DE CONSTRUCTION DE PLUSIEURS INSTALLATIONS INDUSTRIELLES COMPLEXES
- (71) **L'AIR LIQUIDE, SOCIETE ANONYME 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) **ROTMAN, Frédéric** [FR/FR]; 40, rue de la Verrerie, F-75004 Paris (FR). **WIL-LEMOT, Antoine** [FR/FR]; 2, allée de la Pointe Genete, F-91190 Gif-sur-Yvette (FR). **BARRY, Lionel** [FR/FR]; 25, rue de la République, F-94220 Charenton le Pont (FR). **FERENCZI, Laurent** [FR/FR]; 52, rue du Maréchal Foch, F-95260 Parmain (FR).
- (74) **LE MOËNNER, Gabriel** et al. / etc.; L'Air Liquide S.A., Service Brevets et Marques, 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).
- (81) AU CN JP US.
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- (51)<sup>7</sup> **G05D 16/02**
- (11) **WO 00/70419** (13) A1
- (21) PCT/US00/12695
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 09/314,756 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● PRESSURE REGULATOR
- REGULATEUR DE PRESSION
- (71) **VERITEK NGV, CORP.** [US/US]; 447 E. Elmwood, Troy, MI 48083 (US). **FORD GLOBAL TECHNOLOGIES, INC.** [US/US]; One Parklane Boulevard, 600 E. Parklane Towers, Dearborn, MI 48126 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHULTZ, Garth, J.** [CA/US]; 1820 Worchester Drive, Oxford, MI 48371 (US). **EVANS, Alan, F., Jr.** [US/US]; 725 Spartan Drive, Rochester Hills, MI 48309 (US).
- (74) **STUENKEL, Mark, E.** et al. / etc.; Brooks & Kushman, 1000 Town Center, Twenty-Second Floor, Southfield, MI 48075 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G05F 1/10, 1/40, 1/455, G05B 24/02, H02J 1/00, 3/12**
- (11) **WO 00/70420** (13) A1
- (21) PCT/US00/13690
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/313,247 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SWITCHING POWER SUPPLY FOR LOWERED DISTRIBUTION SYSTEM DISTURBANCE
- SYSTEME D'ALIMENTATION A DECOUPAGE PERMETTANT DE REDUIRE LES PERTURBATIONS DU SYSTEME DE DISTRIBUTION
- (71) **NMB (USA) INC.** [US/US]; 9730 Independence Avenue, Chatsworth, CA 91311 (US).
- (72) **PARKER, Francis, J.**; 2940 Azalea Drive, Cooper City, FL 33026 (US). **MAITIN, Steven**; 6688 Red Reef Street, Lake Worth, FL 33467 (US).
- (74) **LUTZKER, Joel** et al. / etc.; Amster, Rothstein & Ebenstein, 90 Park Avenue, New York, NY 10016 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G05F 3/26, H02M 3/156**
- (11) **WO 00/70421** (13) A1
- (21) PCT/US00/06663
- (22) **13 Mar/mar 2000 (13.03.2000)**
- (25) en (26) en
- (30) 09/313,151 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● LOW VOLTAGE CURRENT SOURCES AND METHODS
- SOURCES DE COURANT DE BASSE TENSION ET PROCEDES
- (71) **MAXIM INTEGRATED PRODUCTS, INC.** [US/US]; 120 San Gabriel Drive, Sunnyvale, CA 94068 (US). **GAIN TECHNOLOGY CORPORATION** [US/US]; 2600 W. Broadway Boulevard, Tucson, AZ 85745 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STOCKSTAD, Troy, Lynn** [US/US]; 726 N. Tamarisk Street, Chandler, AZ 85224 (US).
- (74) **BLAKELY, Roger, W.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (US).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G06F**
- (11) **WO 00/70422** (13) A2
- (21) PCT/KR00/00494
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 1999/17947 **19 May/mai 1999 KR (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)

- (54) • APPARATUS AND METHOD FOR RESTORING CELL SEQUENCE IN MULTIPATH ATM SWITCHES  
• DISPOSITIF ET PROCEDE PERMETTANT DE RETABLIR UNE SEQUENCE DE CELLULES DANS DES COMMUNICATEURS MTA MULTI-VOIE
- (71) **DAEWOO TELECOM LTD.** [KR/KR]; 531-1, Gaja-Dong, Seo-Gu, Incheon 404-250 (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEO, Jeong, Won** [KR/KR]; 531-1, Gaja-Dong, Seo-Gu, Incheon 404-250 (KR). **LEE, Seon, Hoon** [KR/KR]; 531-1, Gaja-Dong, Seo-Gu, Incheon 404-250 (KR). **LEE, Jong, Kun** [KR/KR]; 531-1, Gaja-Dong, Seo-Gu, Incheon 404-250 (KR). **SUNG, Dan, Keun** [KR/KR]; 531-1, Gaja-Dong, Seo-Gu, Incheon 404-250 (KR).
- (74) **JANG, Seong, Ku**; KEC Building, 17th floor, 275-7, Yangjae-Dong, Seocho-Ku, Seoul 137-130 (KR).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G06F**  
(11) **WO 00/70423** (13) A2  
(21) PCT/US99/10557  
(22) **13 May/mai 1999 (13.05.1999)**  
(25) en (26) en  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • WORLD PRODUCT EXCHANGE  
• SYSTÈME D'ÉCHANGE MONDIAL DE PRODUITS
- (71, 72) **FULLER, Joseph** [US/US]; 45 Knollwood Road, Elmsford, NY 10523 (US).
- (74) **WALSH, Patrick, J.**; 400 Main Street, Stamford, CT 06901 (US).
- (81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G06F**  
(11) **WO 00/70424** (13) A2  
(21) PCT/US00/11989  
(22) **3 May/mai 2000 (03.05.2000)**  
(25) en (26) en  
(30) 60/133,769 **12 May/mai 1999 (12.05.1999)** US  
(30) 60/135,972 **26 May/mai 1999 (26.05.1999)** US  
(30) 09/324,391 **3 Jun/juin 1999 (03.06.1999)** US  
(30) 60/137,583 **4 Jun/juin 1999 (04.06.1999)** US  
(30) 60/138,209 **9 Jun/juin 1999 (09.06.1999)** US  
(30) 60/139,338 **16 Jun/juin 1999 (16.06.1999)** US
- (30) 60/139,519 **16 Jun/juin 1999 (16.06.1999)** US  
(30) 60/139,518 **16 Jun/juin 1999 (16.06.1999)** US  
(30) 09/342,345 **29 Jun/juin 1999 (29.06.1999)** US  
(30) 60/142,371 **6 Jul/juil 1999 (06.07.1999)** US  
(30) 60/160,510 **20 Oct/oct 1999 (20.10.1999)** US  
(30) 09/426,063 **22 Oct/oct 1999 (22.10.1999)** US  
(30) 60/162,182 **28 Oct/oct 1999 (28.10.1999)** US  
(30) 60/173,409 **28 Dec/déc 1999 (28.12.1999)** US  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MULTIPLE CRITERIA BUYING AND SELLING MODEL, AND SYSTEM FOR MANAGING OPEN OFFER SHEETS  
• MODELE DE VENTE ET D'ACHAT SELON DES CRITERES MULTIPLES ET SYSTEME DE GESTION DES LISTES D'OFFRES OUVERTES
- (71) **EWINWIN, INC.** [US/US]; 1250 Old River Road, 3rd Floor, Cleveland, OH 44113 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MESAROS, Gregory, J.** [US/US]; 26879 Primrose Lane, Westlake, OH 44145 (US).
- (74) **AMIN, Himanshu, S.**; Amin & Eschweiler & Turocy, LLP, 24th Floor, National City Center, 1900 East 9th Street, Cleveland, OH 44114 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F**  
(11) **WO 00/70425** (13) A2  
(21) PCT/US00/12570  
(22) **9 May/mai 2000 (09.05.2000)**  
(25) en (26) en  
(30) 09/312,726 **14 May/mai 1999 (14.05.1999)** US  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SEMICONDUCTOR LASER OPTICAL WAVEGUIDE TELECOMMUNICATIONS MODULE AND METHOD OF MAKING  
• MODULE DE TELECOMMUNICATION A GUIDE D'ONDE OPTIQUE
- (71) **LASER SEMICONDUCTEUR ET PROCEDE DE FABRICATION**
- (71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
- (72) **BOOKBINDER, Dana, C.**; 2261 Davis Road, Corning, NY 14830 (US).
- (74) **AGON, Juliana**; Patent Department, SP TI 3-1, Corning Incorporated, Corning, NY 14831 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G06F**  
(11) **WO 00/70426** (13) A2  
(21) PCT/US00/13948  
(22) **17 May/mai 2000 (17.05.2000)**  
(25) en (26) en  
(30) 09/313,128 **17 May/mai 1999 (17.05.1999)** US  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SYSTEM FOR PERFORMING LOAD MANAGEMENT  
• SYSTEME PERMETTANT LA GESTION DE CHARGES
- (71) **CELLNET DATA SYSTEMS, INC.** [US/US]; 125 Shoreway Road, San Carlos, CA 94070 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **IRVING, Clive, Russell** [GB/GB]; 15 Cockle Close, Newton, Cambridgeshire (GB). **LUXFORD, Gregory, Vincent** [GB/GB]; 2 Doris Street, NewMarket, Suffolk (GB).
- (74) **EGAN, William, J., III** et al. / etc.; Fish & Richardson P.C., Suite 100, 2200 Sand Hill Road, Menlo Park, CA 94025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 1/00, 12/14**  
(11) **WO 00/70427** (13) A1  
(21) PCT/FI00/00448  
(22) **18 May/mai 2000 (18.05.2000)**  
(25) fi (26) en



- (30) 991134 **18 May/mai 1999** FI (18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD AND DEVICE FOR AUTHENTICATING A PROGRAM CODE  
● PROCEDE ET DISPOSITIF POUR L'AUTHEMIFICATION D'UN CODE DE PROGRAMME
- (71) **SONERA SMARTTRUST OY** [FI/FI]; c/o Sonera Oyj, P.O.Box 106, FIN-00051 Sonera (FI).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HILTUNEN, Matti** [FI/FI]; Otakuja 2 B 27, FIN-02150 Espoo (FI). **MIETTINEN, Jarmo** [FI/FI]; Everstinkatu 1 C 72, FIN-02600 Espoo (FI). **NORDBERG, Marko** [FI/FI]; Itämerenkatu 12 D 74, FIN-00180 Helsinki (FI). **LIUKKONEN, Jukka** [FI/FI]; Kaarlenkatu 10 B 59, FIN-00530 Helsinki (FI).
- (74) **PAPULA OY**; P.O. Box 981 (Fredrikinkatu 61 A), FIN-00101 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GN GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 1/00**
- (11) **WO 00/70429** (13) A1
- (21) PCT/US00/13239
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/313,295 **17 May/mai 1999** US (17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● PUBLIC CRYPTOGRAPHIC CONTROL UNIT AND SYSTEM THEREFOR  
● UNITE DE CONTROLE CRYPTOGRAPHIQUE PUBLIQUE ET SYSTEME DE MISE EN OEUVRE
- (71) **WAVE SYSTEMS CORP.** [US/US]; Suite B200, 480 Pleasant Street, Lee, MA 01238 (US).
- (72) **SPRAGUE, Steven, K.**; 147 Reservoir Road, Lenox, MA 12040 (US). **KAZMEIRCZAK, Gregory, J.**; 36 Labaw Way, Belle Mead, NJ 08502 (US).
- (74) **JACOBSON, Allan, J.**; Intellectual Property Law, 13310 Summit Square Center, Route 413 & Doublewoods Road, Langhorne, PA 19047 (US).
- (81) AU CA CN JP KR NO; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G06F 1/26**
- (11) **WO 00/70430** (13) A1
- (21) PCT/US00/11905
- (22) **2 May/mai 2000 (02.05.2000)**
- (25) en (26) en
- (30) 09/312,293 **14 May/mai 1999** US (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD AND APPARATUS FOR SECURING AUTOMATIC ENTRY OF PASSWORD INFORMATION ASSOCIATED WITH A WEB SITE  
● PROCEDE ET APPAREIL DESTINES A SECURISER L'ENTREE AUTOMATIQUE D'INFORMATIONS DE MOTS DE PASSE ASSOCIEES A UN SITE WEB
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **BERGER, Andrea, Turco**; 7823 Shadowhill Way, Cincinnati, OH 45224 (US). **TELLJOHANN, Michael, Alan**; 8728 Tanagerwoods Drive, Cincinnati, OH 45249 (US). **KUNS, Richard, Michael**; 5714 Sigmon Way, Fairfield, OH 45014 (US). **McFADDEN, Terrence, Paul**; 1252 Meriweather Avenue, Cincinnati, OH 45208 (US). **LEE, Samuel, Augustine**; 2308 Morelein, Cincinnati, OH 45219 (US). **HOOG, Jason, Alan**; 20642 Heather Ct., Lawrenceburg, IN 47025 (US).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- TO VOLTAGE REGULATOR MODULES
- PROCEDE ET APPAREIL LIMITANT UN COURANT AUX HAUTES FREQUENCES ALTERNATIVES ALIMENTANT UN REGULATEUR DE TENSION
- (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) **DROBNIK, Josef, C.** [CA/US]; 348 SE 21st Place, Hillsboro, OR 97123 (US).
- (74) **MILLIKEN, Darren, 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> **G06F 1/26, 1/18**
- (11) **WO 00/70431** (13) A1
- (21) PCT/US00/11958
- (22) **2 May/mai 2000 (02.05.2000)**
- (25) en (26) en
- (30) 09/312,257 **14 May/mai 1999** US (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● CONTACTLESS CONNECTORS FOR USE IN A HIGH FREQUENCY ALTERNATING CURRENT POWER DISTRIBUTION SYSTEM  
● CONNECTEURS SANS CONTACT DESTINES A UN SYSTEME DE DISTRIBUTION DE COURANT ALTERNATIF HAUTE FREQUENCE
- (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) **DROBNIK, Josef, C.** [CA/US]; 348 SE 21st Place, Hillsboro, OR 97123 (US).
- (74) **MILLIKEN, Darren, J.** 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06F 1/26

(11) WO 00/70432 (13) A1

(21) PCT/US00/11961

(22) 2 May/mai 2000 (02.05.2000)

(25) en (26) en

(30) 09/312,256 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND APPARATUS FOR HIGH FREQUENCY ALTERNATING CURRENT POWER DISTRIBUTION  
• PROCEDE ET APPAREIL DE DISTRIBUTION DE COURANT ALTERNATIF HAUTE FREQUENCE

(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) DROBNIK, Josef, C. [CA/US]; 348 SE 21st Place, Hillsboro, OR 97123 (US).

(74) MILLIKEN, Darren, J. 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 1/32

(11) WO 00/70433 (13) A1

(21) PCT/US00/12467

(22) 8 May/mai 2000 (08.05.2000)

(25) en (26) en

(30) 09/313,933 18 May/mai 1999 US (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A SYSTEM AND A METHOD TO REDUCE POWER CONSUMPTION

• SYSTEME ET PROCEDE POUR REDUIRE LA CONSOMMATION DE COURANT

(71) PHILIPS ELECTRONICS NORTH AMERICA CORPORATION [US/US]; 1251 Avenue of The Americas, New York, NY 10020 (US).

(72) ADUSUMILLI, Swaroop; 505 West Baseline Road, Apt. #2121, Tempe, AZ 85283 (US).

(74) GALLENSON, Mavis, S. et al. / etc.; Ladas & Parry, 5670 Wilshire Boulevard, Suite 2100, Los Angeles, CA 90036-5679 (US).

(81) CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> G06F 3/00, 15/167

(11) WO 00/70434 (13) A1

(21) PCT/JP00/00484

(22) 28 Jan/jan 2000 (28.01.2000)

(25) ja (26) ja

(30) 11/136319 17 May/mai 1999 JP (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • BACKPLANE  
• FOND DE PANIER

(71) TECHNOWAVE, LTD. [JP/JP]; 21, Honshio-cho, Shinjuku-ku, Tokyo 160-0003 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOSHIDA, Takashi [JP/JP]; 3-1-901, Shinmatsudo-Higashi, Matsudo-shi, Chiba 270-0033 (JP). KOMAZAWA, Yuuichi [JP/JP]; 17-10, Higashinaebo 8-jou 1-chome, Higashi-ku, Sapporo-shi, Hokkaido 007-0808 (JP).

(74) IKUTA, Tetsuo et al. / etc.; Ikuta & Nakoshi Law and Patent Office, Aoyama MS Building 7F, 7-5, Jingumae 3-chome, Shibuya-ku, Tokyo 150-0001 (JP).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> G06F 3/00, 9/50, 13/00, 13/14, 13/38

(11) WO 00/70435 (13) A1

(21) PCT/US00/12771

(22) 10 May/mai 2000 (10.05.2000)

(25) en (26) en

(30) 09/312,732 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A SYSTEM AND METHOD FOR MULTIPLE DEVICE DRIVERS TO ARBITRATE FOR A SINGLE DEVICE

• SYSTEME ET PROCEDE POUR UN ARBITRAGE ENTRE UNE PLURALITE DE COMMANDE DE DISPOSITIFS POUR UN DISPOSITIF UNIQUE

(71) ARIEL CORPORATION [US/US]; 2540 Route 130, Cranbury, NJ 08512 (US). ELWELL, Don [-/US]; 7 Compton Court, Perrineville, NJ 08535 (US). SIENICKI, James [-/US]; 202 Windsor Commons, Cranbury, NJ 08512 (US). ZIMMERMANN, Christopher [-/US]; 2610 Sugar Maple Court, Monmouth Junction, NJ 08852 (US).

(74) TOBIN, Robert, T. et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 3/00, 17/00

(11) WO 00/70436 (13) A1

(21) PCT/US00/12923

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 09/311,918 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • INTERACTIVE PRINT JOB DISPLAY SYSTEM AND METHOD  
• SYSTEME ET PROCEDE D'AFFICHAGE D'IMPRESSION INTERACTIF

(71) CHECKERBOARD LTD [US/US]; 216 West Boylston Street, West Boylston, MA 01583 (US).

(72) CHASE, Micah; 39 Terrace Drive, Worcester, MA 01609 (US). MARKEY, Brian, D.; 28 Farmington Drive, Shrewsbury, MA 01545 (US). MASON, Paul; 297 Turnpike Road, Westborough, MA 01581 (US).

(74) LOWRY, David, D.; Brown, Rudnick, Freed & Gesmer, P.C., Box IP, 18th floor, One Financial Center, Boston, MA 02111 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 3/023

(11) WO 00/70437 (13) A1

(21) PCT/US00/13456

(22) 16 May/mai 2000 (16.05.2000)

(25) en (26) en

(30) 09/313,954 18 May/mai 1999 US  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ENCHANCED COMPUTER  
KEYBOARD SYSTEM• SYSTEME DE CLAVIER  
D'ORDINATEUR OPTIMISE(71) ACCO BRANDS, INC. [US/US]; 300 Tower  
Parkway, Lincolnshire, IL 60069 (US).(72) MURRAY, William, R., Jr.; 573 Marlin  
Court, Redwood City, CA 94065 (US). DA-  
SHER, John; 1627 Via Campo Verde, San  
Jose, CA 95120 (US).(74) WOODS, Michael, E. et al. / etc.; Town-  
send and Townsend and Crew LLP, 8th floor,  
Two Embarcadero Center, San Francisco, CA  
94111-3834 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR BY  
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 NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG US UZ  
VN YU ZA ZW; AP (GH GM KE LS MW SD  
SL SZ TZ UG ZW); EA (AM AZ BY KG  
KZ MD RU TJ TM); EP (AT BE CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE); OA (BF BJ CF CG CI CM GA GN  
GW ML MR NE SN TD TG).(51)<sup>7</sup> G06F 3/033, G01D 5/14, 5/16

(11) WO 00/70438 (13) A1

(21) PCT/FI00/00423

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 991101 12 May/mai 1999 FI  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR POINTING OUT  
INFORMATION AND A POINTING  
DEVICE• PROCEDE DE POINTAGE  
D'INFORMATIONS ET CURSEUR  
ASSOCIE(71) NOKIA MOBILE PHONES LTD. [FI/FI];  
Keilalahdentie 4, FIN-02150 Espoo (FI).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) TUOVINEN, Juhani [FI/FI]; Hauenkal-  
lontie 12-14 F 84, FIN-02170 Espoo (FI).  
PÖLLÄNEN, Ossi [FI/FI]; Lamminpääntie  
2 E 20, FIN-02880 Veikkola (FI). MAN-  
NER, Jauri [FI/FI]; Pääskylänrinne 4 B 71,  
FIN-00500 Helsinki (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  
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 NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG US UZ  
VN YU ZA ZW; AP (GH GM KE LS MW  
SD SL SZ TZ UG ZW); EA (AM AZ BY  
KG KZ MD RU TJ TM); EP (AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE); OA (BF BJ CF CG CI CM GA  
GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06F 3/14, 3/033

(11) WO 00/70439 (13) A1

(21) PCT/KR00/00443

(22) 10 May/mai 2000 (10.05.2000)

(25) en (26) en

(30) 1999/17014 12 May/mai 1999 KR  
(12.05.1999)(30) 1999/35570 26 Aug/août 1999 KR  
(26.08.1999)(30) 2000/20773 19 Apr/avr 2000 KR  
(19.04.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ONE-TOUCH TYPE WINDOW CON-  
TROL DEVICE• DISPOSITIF DE COMMANDE DE FE-  
NETRE DE TYPE A TOUCHE A EF-  
FLEUREMENT(71, 72) KOH, Kern [KR/KR]; #18-65 Shi-  
bum Apt., 50 Yeido-dong, Young-  
dungpo-gu, Seoul 150-010 (KR). LEE,  
Jong, Hee [KR/KR]; #123-1001 Kernyoung  
Apt., 71 Boondang-dong, Boondang-gu,  
Kyungki-do 463-030 (KR).(74) PARK, Young, Sun; Park & Partners,  
Tongyoung Building, 9th floor, 1318-2  
Seocho-4-dong, Seocho-gu, Seoul 137-074  
(KR).(81) AU CA CN ID IN SG; EP (AT BE CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE).(51)<sup>7</sup> G06F 3/16

(11) WO 00/70440 (13) A1

(21) PCT/US00/13630

(22) 17 May/mai 2000 (17.05.2000)

(25) en (26) en

(30) 09/312,679 17 May/mai 1999 US  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • AUTOMATIC SPEECH RECOGNITION  
SYSTEM SIGNALLING AND CON-  
TROLLING• SIGNALISATION ET COMMANDE  
AUTOMATIQUE DESTINEES A UN  
SYSTEME DE RECONNAISSANCE  
VOCALE(71) MICROSOFT CORPORATION [US/US];  
One Microsoft Way, Redmond, WA 98052  
(US).(72) HORVITZ, Eric; 330 Waverly Way, Kirk-  
land, WA 98033 (US).(74) DRYJA, Michael, A.; Law Offices of Mi-  
chael Dryja, 704 228th Avenue N.E., PMB  
694, Redmond, WA 98074 (US).(81) AE AL AM AT AU AZ BA BB BG BR BY  
CA CH CN CU CZ DE DK 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  
MD MG MK MN MW MX NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT  
UA UG UZ VN YU ZA ZW; AP (GH GM  
KE LS MW SD SL SZ TZ UG ZW); EA  
(AM AZ BY KG KZ MD RU TJ TM); EP  
(AT BE CH CY DE DK ES FI FR GB GR  
IE IT LU MC NL PT SE); OA (BF BJ CF  
CG CI CM GA GN GW ML MR NE SN TD  
TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06F 9/00

(11) WO 00/70441 (13) A2

(21) PCT/EP00/04244

(22) 10 May/mai 2000 (10.05.2000)

(25) en (26) en

(30) 09/310,483 12 May/mai 1999 US  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • OBJECT ORIENTED PROCESSING  
WITH DEDICATED POINTER MEMO-  
RIES• TRAITEMENT ORIENTE OBJETS A  
MEMOIRES DE POINTEUR SPECIALI-  
SEES(71) KONINKLIJKE PHILIPS ELECTRO-  
NICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).(72) ROSS, Kevin; Prof. Holstlaan 6, NL-5656  
AA Eindhoven (NL). SAVILLE, Winthrop,  
L.; Prof. Holstlaan 6, NL-5656 AA Eindhov-  
en (NL).(74) DE JONG, Durk, J.; Internationaal  
Octrooibureau B.V., Prof. Holstlaan 6,  
NL-5656 AA Eindhoven (NL).(81) CN JP KR; EP (AT BE CH CY DE DK ES  
FI FR GB GR IE IT LU MC NL PT SE).(51)<sup>7</sup> G06F 9/00

(11) WO 00/70442 (13) A2

(21) PCT/US00/11275

(22) 26 Apr/avr 2000 (26.04.2000)

(25) en (26) en

(30) 09/310,596 12 May/mai 1999 US  
(12.05.1999)(30) 09/310,610 12 May/mai 1999 US  
(12.05.1999)(30) 09/310,597 12 May/mai 1999 US  
(12.05.1999)

- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SPLITTING AND MIXING STREAMING-DATA FRAMES  
• SEPARATION ET MELANGE DE TRAMES DE DONNEES EN CONTINU
- (71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052-6399 (US).
- (72) LISITSA, Rafael; 4431 145 Avenue SE, Bellevue, WA 98006 (US). SHAW, George, H., J.; 21213 NE 186th Street, Woodinville, WA 98072 (US). SATHER, Dale, A.; 6813 26th Avenue NE, Seattle, WA 98115 (US). WOODRUFF, Bryan, A.; 1020 SW 10th Street, North Bend, WA 98045 (US).
- (74) VIKSNINS, Ann, S.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 9/00
- (11) WO 00/70443 (13) A2
- (21) PCT/US00/12494
- (22) 5 May/mai 2000 (05.05.2000)
- (25) en (26) en
- (30) 09/313,243 17 May/mai 1999 US (17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • FACILITATING GARBAGE COLLECTION DURING OBJECT VERSIONING FOR SPACE AND TIME DIMENSIONAL COMPUTING  
• FACILITATION DE LA COLLECTE D'INFORMATIONS PARASITES LORS DU CONTROLE DES VERSIONS D'OBJET DESTINE AUX CALCULS DIMENSIONNELS DANS L'ESPACE ET LE TEMPS
- (71) SUN MICROSYSTEMS, INC. [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).
- (72) CHAUDHRY, Shailender; 557 Arballo Drive, San Francisco, CA 94132 (US). TREMBLAY, Marc; 140 Hanna Way, Menlo Park, CA 94025 (US).
- (74) PARK, Richard; 508 2nd Street, Suite 201, Davis, CA 95616 (US).
- (81) IL JP KR RU SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> G06F 9/00
- (11) WO 00/70445 (13) A2
- (21) PCT/US00/13070
- (22) 12 May/mai 2000 (12.05.2000)
- (25) en (26) en
- (30) 60/134,224 14 May/mai 1999 US (14.05.1999)
- (30) 09/378,999 23 Aug/août 1999 US (23.08.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR JUMP CONTROL IN A PIPELINED PROCESSOR  
• PROCEDE ET DISPOSITIF DE COMMANDE DE SAUT DANS UN PROCESSEUR PIPELINE
- (71) ARC INTERNATIONAL U.S. HOLDINGS INC. [US/US]; 6862 Santa Teresa Boulevard, San Jose, CA 95119 (US).
- (72) HAKEWILL, James, Robert, Howar; 35 Aldenham Avenue, Radlett, Hertfordshire WD7 8HZ (GB). SANDERS, Jon; 105 Weald Lane, Harrow, Wealdstone, Middlesex HA3 5HB (GB).
- (74) DELANEY, Karoline, A.; Knobbe, Martens, Olson & Bear, LLP, Sixteenth Floor, 620 Newport Center Drive, Newport Beach, CA 92660-8016 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 9/00
- (11) WO 00/70446 (13) A2
- (21) PCT/US00/13198
- (22) 12 May/mai 2000 (12.05.2000)
- (25) en (26) en
- (30) 60/134,253 13 May/mai 1999 US (13.05.1999)
- (30) 09/418,663 14 Oct/oct 1999 US (14.10.1999)
- (30) 09/524,178 13 Mar/mar 2000 US (13.03.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • APPARATUS AND METHOD FOR TRANSFERRING INFORMATION BETWEEN PLATFORMS  
• APPAREIL ET PROCEDE DE TRANSFERT D'INFORMATIONS ENTRE DES PLATES-FORMES
- (71) EISENWORLD INTERNATIONAL [-/-]; P.O. Box 1034, One Capital Place, Grand Cayman (KY).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HENRICKSON, David [US/US]; 19225 E. Saint Andrews Drive, Miami, FL 33015 (US). EISEN, Eiko [DE/US]; 6871 Main Street, Miami Lakes, FL 33014 (US).
- (74) GARRETT, Arthur, S. et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F 9/00
- (11) WO 00/70446 (13) A2
- (21) PCT/US00/13198
- (22) 12 May/mai 2000 (12.05.2000)
- (25) en (26) en
- (30) 60/134,253 13 May/mai 1999 US (13.05.1999)
- (30) 09/418,663 14 Oct/oct 1999 US (14.10.1999)
- (30) 09/524,178 13 Mar/mar 2000 US (13.03.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR LOOSE REGISTER ENCODING WITHIN A PIPELINED PROCESSOR  
• PROCEDE ET APPAREIL D'ENCODAGE DE REGISTRE LIBRE DANS UN PROCESSEUR PIPELINE
- (71) ARC INTERNATIONAL U.S. HOLDINGS INC. [US/US]; 6862 Santa Teresa Boulevard, San Jose, CA 95119 (US).
- (72) WARNES, Peter; 12a Walpole Road, East Ham, Greater London E6 1AR (GB). GRAHAM, Carl; 15 Woodland Road, North Chingford, Greater London E4 7ET (GB).
- (74) NATAUPSKY, Steven, J.; Knobbe, Martens, Olson & Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660-8016 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/00

(11) WO 00/70447 (13) A2

(21) PCT/US00/13233

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/134,253 13 May/mai 1999 US (13.05.1999)

(30) 09/418,663 14 Oct/oct 1999 US (14.10.1999)

(30) 09/523,877 13 Mar/mar 2000 US (13.03.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND APPARATUS FOR JUMP DELAY SLOT CONTROL IN A PIPELINED PROCESSOR

• PROCEDE ET APPAREIL DE CONTROLE D'EMPLACEMENT DE TEMPORISATION DE BRANCHEMENT DANS UN PROCESSEUR PIPELINE

(71) ARC INTERNATIONAL U.S. HOLDINGS INC. [US/US]; 6862 Santa Teresa Boulevard, San Jose, CA 95119 (US).

(72) WARNES, Peter; 12a Walpole Road, East Ham, Greater London E6 1AR (GB). GRAHAM, Carl; 15 Woodland Road, North Chingford, Greater London E4 7ET (GB).

(74) DELANEY, Karoline, A.; Knobbe, Martens, Olson & Bear, LLP, Sixteenth Floor, 620 Newport Center Drive, Newport Beach, CA 92660-8016 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/00

(11) WO 00/70448 (13) A2

(21) PCT/US00/13419

(22) 17 May/mai 2000 (17.05.2000)

(25) en (26) en

(30) 60/134,552 17 May/mai 1999 US (17.05.1999)

(30) 09/315,026 20 May/mai 1999 US (20.05.1999)

(30) 60/135,851 24 May/mai 1999 US (24.05.1999)

(30) 60/135,852 24 May/mai 1999 US (24.05.1999)

(30) 60/136,759 28 May/mai 1999 US (28.05.1999)

(30) Not furnished / non communiqué 16 May/mai 2000 US (16.05.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • GLOBAL NETWORK COMPUTERS  
• ORDINATEURS DE RESEAU A COUVERTURE MONDIALE

(63) US 60/134,552 (CIP)  
17 May/mai 1999 (17.05.1999)

(71, 72) ELLIS, Frampton, E., III [US/US]; 2895 South Abingdon Street, #B2, Arlington, VA 22206-1331 (US).

(74) LAZAR, Dale, S. et al. / etc.; Pillsbury Madison & Sutro LLP, 1100 New York Avenue, N.W., Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/00, 9/40, 13/00, 15/16, 15/167

(11) WO 00/70449 (13) A1

(21) PCT/US00/05611

(22) 2 Mar/mar 2000 (02.03.2000)

(25) en (26) en

(30) 09/314,187 19 May/mai 1999 US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • EVENT-DRIVEN COMMUNICATIONS INTERFACE FOR LOGICALLY-PARTITIONED COMPUTER

• INTERFACE DE COMMUNICATIONS GUIDE PAR L'EVENEMENT POUR ORDINATEUR A PARTITIONNEMENT LOGIQUE

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(72) ARMSTRONG, William, Joseph; 35 East Olive Lane, Kasson, MN 55944 (US). NAYAR, Naresh; 5233 Belmoral Lane NW, Rochester, MN 55901 (US).

(74) ROTH, Steven, W. et al. / etc.; IBM Corporation, Dept. 917, Building 006-1, 3605 Highway 52 North, Rochester, MN 55901-7829 (US).

(81) CA IL JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> G06F 9/38

(11) WO 00/70450 (13) A1

(21) PCT/US00/12499

(22) 5 May/mai 2000 (05.05.2000)

(25) en (26) en

(30) 09/313,229 17 May/mai 1999 US (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SUPPORTING SPECULATIVE EXECUTION BY SELECTIVELY VERSIONING MEMORY UPDATES

• PRISE EN CHARGE D'EXECUTION SPECULATIVE AU MOYEN DU CONTROLE SELECTIF DES VERSIONS DE MISE A JOUR DE MEMOIRE

(71) SUN MICROSYSTEMS, INC. [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).

(72) CHAUDHRY, Shailender; Apt. 10F, 1200 Gough St., San Francisco, CA 94109 (US). TREMBLAY, Marc; 140 Hanna Way, Menlo Park, CA 94025 (US).

(74) PARK, Richard; Suite 201, 508 Second St., Davis, CA 95616 (US).

(81) IL JP KR RU SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (51)<sup>7</sup> **G06F 9/38**  
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 (21) PCT/US00/13382  
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 (25) en (26) en  
 (30) 09/313,229 **17 May/mai 1999** US  
**(17.05.1999)**  
 (30) 09/418,625 **15 Oct/oct 1999** US  
**(15.10.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● PARALLEL JOIN OPERATION TO SUPPORT SPACE AND TIME DIMENSIONAL PROGRAM EXECUTION  
 ● OPERATION DE RACCORDEMENT EN PARALLELE DESTINEE A PERMETTRE UNE EXECUTION DE PROGRAMME A DIMENSION SPATIALE ET TEMPORELLE  
 (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).  
 (72) **CHAUDHRY, Shailender**; 1200 Gough Street, Apt. 10F, San Francisco, CA 94109 (US). **TREMBLAY, Marc**; 140 Hanna Way, Menlo Park, CA 94025 (US).  
 (74) **PARK, Richard**; 508 Second Street, Suite 201, Davis, CA 95616 (US).  
 (81) IL JP KR RU SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).  
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- (51)<sup>7</sup> **G06F 9/38**  
 (11) **WO 00/70452** (13) A1  
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 (22) **15 May/mai 2000 (15.05.2000)**  
 (25) en (26) en  
 (30) 09/313,229 **17 May/mai 1999** US  
**(17.05.1999)**  
 (30) 09/422,020 **20 Oct/oct 1999** US  
**(20.10.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● DYNAMIC HANDLING OF OBJECT VERSIONS TO SUPPORT SPACE AND TIME DIMENSIONAL PROGRAM EXECUTION  
 ● GESTION DYNAMIQUE DE VERSIONS D'OBJETS DESTINEE A PRENDRE EN CHARGE L'EXECUTION D'UN PROGRAMME A DIMENSION SPATIO-TEMPORELLE  
 (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).  
 (72) **CHAUDHRY, Shailender**; 1200 Gough Street, Apt. 10F, San Francisco, CA 94109 (US). **TREMBLAY, Marc**; 140 Hanna Way, Menlo Park, CA 94025 (US).  
 (74) **PARK, Richard**; Suite 201, 508 Second Street, Davis, CA 95616 (US).
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- (81) IL JP KR RU SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).  
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- (51)<sup>7</sup> **G06F 9/44**  
 (11) **WO 00/70453** (13) A1  
 (21) PCT/US00/12566  
 (22) **9 May/mai 2000 (09.05.2000)**  
 (25) en (26) en  
 (30) 09/310,441 **12 May/mai 1999** US  
**(12.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● DYNAMIC SOFTWARE CODE INSTRUMENTATION METHOD AND SYSTEM  
 ● SYSTEME ET PROCEDE D'INSTRUMENTATION DE CODE LOGICIEL DYNAMIQUE  
 (71) **WIND RIVER SYSTEMS, INC.** [US/US]; 500 Wind River Way, Alameda, CA 94501 (US).  
 (72) **DAWSON, Peter, S.**; 1931 Washington Street, Canton, MA 02021 (US).  
 (74) **SAMPSON, Richard, L.**; Sampson & Associates, P.C., 50 Congress Street, Boston, MA 02109 (US).  
 (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 9/46, 12/02, 13/14**  
 (11) **WO 00/70454** (13) A1  
 (21) PCT/JP00/02273  
 (22) **7 Apr/avr 2000 (07.04.2000)**  
 (25) ja (26) ja  
 (30) 11/136301 **17 May/mai 1999** JP  
**(17.05.1999)**  
 (30) PCT/JP99/06230 **9 Nov/nov 1999** JP  
**(09.11.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● METHOD FOR FACILITATING DATA SHARING BETWEEN APPLICATION PROGRAMS AND ACCESSES TO PERIPHERAL APPARATUSES WITH APPLICATION PROGRAMS BY USING SHARED ADDRESSES  
 ● PROCEDE POUR FACILITER LE PARTAGE DE DONNEES ENTRE DES PROGRAMMES D'APPLICATION
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- ET DES ACCES A DES APPAREILS PERIPHERIQUES A PROGRAMMES D'APPLICATION AU MOYEN D'ADRESSES PARTAGEES  
 (71) **TECHNOWAVE, LTD.** [JP/JP]; 21, Honshio-cho, Shinjuku-ku, Tokyo 160-0003 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **YOSHIDA, Takashi** [JP/JP]; 3-1-901, Shinmatsudo-Higashi, Matsudo-shi, Chiba 270-0033 (JP). **KOMAZAWA, Yuuichi** [JP/JP]; 17-10, Higashinaebo 8-jou 1-chome, Higashi-ku, Sapporo-shi, Hokkaido 007-0808 (JP).  
 (74) **IKUTA, Tetsuo** et al. / etc.; Ikuta & Nakoshi Law and Patent Office, Aoyama MS Building, 7F, 7-5, Jingumae 3-chome, Shibuya-ku, Tokyo 150-0001 (JP).  
 (81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G06F 9/46**  
 (11) **WO 00/70455** (13) A2  
 (21) PCT/US00/13356  
 (22) **15 May/mai 2000 (15.05.2000)**  
 (25) en (26) en  
 (30) 09/312,592 **14 May/mai 1999** US  
**(14.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) ● TASK SCHEDULING AND MESSAGE PASSING  
 ● ORDONNANCEMENT DE TACHES ET PASSAGE DE MESSAGES  
 (71) **HONEYWELL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **BINNS, Pamela, A.** [-/US]; 13 Spring Farm Lane, St. Paul, MN 55127 (US). **VESTAL, Stephen, C.** [-/US]; 13 Spring Farm Lane, St. Paul, MN 55127 (US).  
 (74) **CRISS, Roger, H.** et al. / etc.; Honeywell Inc. (Law Dept., Attn: A. Olinger), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).  
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>6</sup> **G06F 11/00, 11/34, H04K 1/00**  
 (11) **WO 00/70456** (13) A1  
 (21) PCT/US99/22240

- (22) **24 Sep/sep 1999 (24.09.1999)**  
 (25) en (26) en  
 (30) 09/312,365 **14 May/mai 1999 US (18.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • A DISTRIBUTED SYSTEM AND METHOD FOR SYSTEM IDENTIFICATION AND VULNERABILITY SCANNING  
 • SYSTEME REPARTI ET PROCEDE POUR L'IDENTIFICATION DE SYSTEMES ET L'ANALYSE DE VULNERABILITE
- (71) **SECURELOGIX CORPORATION** [US/US]; Suite 230, 13750 San Pedro, San Antonio, TX 78232 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BEEBE, Todd** [US/US]; 2806 Enchanted Landing Court, Katy, TX 77494 (US).  
**HEILMANN, Craig** [US/US]; 7910 Las Olas Boulevard, San Antonio, TX 78250 (US).
- (74) **McCOMBS, David, L.** et al. / etc.; Haynes and Boone, L.L.P., Suite 3100, 901 Main Street, Dallas, TX 75202-3789 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 11/00, H03M 13/00**  
 (11) **WO 00/70457** (13) A1  
 (21) PCT/US00/12588  
 (22) **8 May/mai 2000 (08.05.2000)**  
 (25) en (26) en  
 (30) 09/314,580 **18 May/mai 1999 US (18.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • OUT-OF-BAND FORWARD ERROR CORRECTION  
 • CORRECTION AVAL ET HORS BANDE D'ERREURS
- (71) **OMNIPOINT CORPORATION** [US/US]; c/o VoiceStream Wireless Corporation, 3650 131st Avenue, S.E. Bellevue, WA 98006 (US).
- (72) **MORRIS, Russell, A.**; 1528 Creekview Drive, Keller, TX 76248 (US). **BARABASH, Darrell, W.**; 3216 Shady Glen Drive, Grapevine, TX 76051 (US).
- (74) **HEMMINGER, Steven, D.**; Lyon & Lyon LLP, 633 West Fifth Street, Suite 4700, Los Angeles, CA 90071-2066 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 11/00**  
 (11) **WO 00/70458** (13) A1  
 (21) PCT/US00/08219  
 (22) **15 May/mai 2000 (15.05.2000)**  
 (25) en (26) en  
 (30) 60/134,547 **17 May/mai 1999 US (17.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • METHOD OF COMMUNICATIONS AND COMMUNICATION NETWORK INTRUSION PROTECTION METHODS AND INTRUSION ATTEMPT DETECTION SYSTEM  
 • PROCEDE DE COMMUNICATION, PROCEDES DE PROTECTION CONTRE L'INTRUSION POUR RESEAU DE COMMUNICATION, ET SYSTEME DE DETECTION DE TENTATIVE D'INTRUSION
- (71) **COMSEC CORPORATION** [US/US]; 10217 Cedar Pond Drive, Vienna, VA 22182 (US).
- (72) **SHEYMOV, Victor, I.**; 10217 Cedar Pond Drive, Vienna, VA 22182 (US).
- (74) **SIXBEY, Daniel, W.**; Nixon Peabody LLP, Suite 800, 8180 Greensboro Drive, McLean, VA 22102 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 11/10**  
 (11) **WO 00/70459** (13) A1  
 (21) PCT/US00/13385  
 (22) **16 May/mai 2000 (16.05.2000)**  
 (25) en (26) en  
 (30) 09/314,576 **18 May/mai 1999 US (18.05.1999)**  
 (30) 09/314,575 **18 May/mai 1999 US (18.05.1999)**
- (30) 09/314,574 **18 May/mai 1999 US (18.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • ERROR CORRECTION CIRCUIT AND METHOD FOR A MEMORY DEVICE  
 • CIRCUIT ET LE PROCEDE DE CORRECTION D'ERREURS DESTINES A UN DISPOSITIF A MEMOIRE
- (71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).
- (72) **WALTERS, Donald, Monroe, Jr.**; 4818 Rollinwood Drive, Austin, TX 78746 (US).
- (74) **ZAHRT, William, D.**; Advanced Micro Devices, Inc., One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).
- (81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **G06F 11/16, 1/04**  
 (11) **WO 00/70460** (13) A1  
 (21) PCT/US00/13442  
 (22) **16 May/mai 2000 (16.05.2000)**  
 (25) en (26) en  
 (30) 09/314,812 **19 May/mai 1999 US (19.05.1999)**  
 (30) 09/320,794 **27 May/mai 1999 US (27.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • REDUNDANT SYNCHRONOUS CLOCK DISTRIBUTION FOR COMPUTER SYSTEMS  
 • DISTRIBUTION DE SIGNAUX D'HORLOGE SYNCHRONES REDONDANTS DANS DES SYSTEMES INFORMATIQUES
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).
- (72) **DOBLAR, Drew, G.**; 1442 Brook Glen Drive, San Jose, CA 95129 (US). **YUAN, Leo**; 1497 Country Club Drive, Los Altos, CA 94024 (US). **WILLIAMS, Emrys, J.**; 1063 Morse Avenue #3-205, Sunnyvale, CA 94089 (US).
- (74) **KIVLIN, B., Noel**; Conley, Rose & Tayon, P.C., P.O. Box 398, Austin, TX 78767-0398 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>6</sup> **G06F 11/20**
- (11) **WO 00/70461** (13) A1
- (21) PCT/JP99/02466
- (22) **13 May/mai 1999 (13.05.1999)**
- (25) ja (26) ja
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD FOR CONTROLLING INHERITANCE INFORMATION IN COMBINED COMPUTER SYSTEM
- PROCEDE DE COMMANDE DE DONNEES D'HERITAGE DANS UN SYSTEME INFORMATIQUE COMBINE
- (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) **ANDO, Takashi** [JP/JP]; Fujitsu Aichi Engineering Limited, 16-38, Aoi 1-chome, Higashi-ku, Nagoya-shi, Aichi 461-0004 (JP).
- (74) **ONDA, Hironori**; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 500-8731 (JP).
- (81) JP US.
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- (51)<sup>7</sup> **G06F 11/26**
- (11) **WO 00/70462** (13) A1
- (21) PCT/SE00/00790
- (22) **27 Apr/avr 2000 (27.04.2000)**
- (25) sv (26) en
- (30) 9901560-4 **30 Apr/avr 1999** SE  
(30.04.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SUPERVISION ARRANGEMENT IN A COMPUTER
- MECANISME DE SURVEILLANCE DANS UN ORDINATEUR
- (71) **CEWE INSTRUMENT AB** [SE/SE]; Box 1006, S-611 29 Nyköping (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LINDHOLM, Håkan** [SE/SE]; Körarvägen 3, S-857 51 Sundsvall (SE).
- (74) **WILLQUIST, Bo** et al. / etc.; Willquist & Partners Patentbyrå AB, Platensgatan 9C, S-582 20 Linköping (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 11/30, 12/14, 15/173, H04L 9/00, 9/32**
- (11) **WO 00/70464** (13) A1
- (21) PCT/US00/12725
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 60/134,090 **14 May/mai 1999** US  
(14.05.1999)
- (30) 60/144,319 **16 Jul/juil 1999** US  
(16.07.1999)
- (30) 09/506,022 **17 Feb/fév 2000** US  
(17.02.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● OBJECT ORIENTED SECURITY ANALYSIS TOOL
- OUTIL D'ANALYSE DE SECURITE ORIENTE OBJETS
- 
- (71) **L-3 COMMUNICATIONS CORPORATION** [US/US]; 34th floor, 600 Third Avenue, New York, NY 10016 (US).
- (72) **BARNETT, Bruce, G.**; 64 Calhoun Drive, Troy, NY 12182 (US). **HARTMAN, Michael, J.**; 10 Spice Mile Blvd., Clifton Park, NY 12065 (US). **BUSH, Stephen, F.**; 9 Sable Terrace, Latham, NY 12110 (US). **STAUDINGER, V., Paul**; 2161 Morrow Ave., Niskayuna, NY 12309 (US).
- (74) **ROCCI, Steven, J.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>6</sup> **G06F 12/00**
- (11) **WO 00/70465** (13) A1
- (21) PCT/JP99/02544
- (22) **14 May/mai 1999 (14.05.1999)**
- (25) ja (26) ja
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● DISTRIBUTED COMPUTER SYSTEM AND METHOD OF APPLICATION OF MAINTENANCE DATA
- SYSTEME INFORMATIQUE REPARTI ET PROCEDE D'APPLICATION DE DONNEES DE MAINTENANCE
- (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) **MIZOGUCHI, Masatoshi** [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) **HAYASHI, Tsunenori** et al. / etc.; Hayashi, Doi & Associates, Toshou-Building No. 3, 3-9-5, Shin-yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).
- (81) JP US.
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- (51)<sup>7</sup> **G06F 12/02, 13/14**
- (11) **WO 00/70466** (13) A1
- (21) PCT/JP99/06230
- (22) **9 Nov/nov 1999 (09.11.1999)**
- (25) ja (26) ja
- (30) 11/136301 **17 May/mai 1999** JP  
(17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)



- (54) • METHOD OF ACCESSING I/O DEVICE AND MEMORY USING VIRTUAL ADDRESS AND RECORDED MEDIUM HAVING PROGRAM FOR PERFORMING METHOD OF ACCESSING I/O DEVICE AND MEMORY USING VIRTUAL ADDRESS
- PROCEDE D'ACCES A UN DISPOSITIF E/S ET UNE MEMOIRE UTILISANT UNE ADRESSE VIRTUELLE ET SUPPORT ENREGISTRE COMPORTANT UN PROGRAMME DESTINE A EXECUTER LE PROCEDE D'ACCES A UN DISPOSITIF E/O ET UNE MEMOIRE UTILISANT UNE ADRESSE VIRTUELLE
- (71) **TECHNOWAVE, LTD.** [JP/JP]; 21, Honshio-cho, Shinjuku-ku, Tokyo 160-0003 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YOSHIDA, Takashi** [JP/JP]; 3-1-901, Shinmatsudo-Higashi, Matsudo-shi, Chiba 270-0033 (JP). **KOMAZAWA, Yuichi** [JP/JP]; 17-10, Higashinacho 8-jou 1-chome, Higashi-ku, Sapporo-shi, Hokkaido 007-0808 (JP).
- (74) **IKUTA, Tetsuo** et al. / etc.; Ikuta & Nakoshi Law and Patent Office, Aoyama MS Building 7th floor, 7-5, Jingumae 3-chome, Shibuya-ku, Tokyo 150-0001 (JP).
- (81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G06F 12/08**
- (11) **WO 00/70467** (13) A1
- (21) PCT/US00/13281
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/311,216 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • IMPROVED SEQUENTIAL DETECTION AND PRESTAGING METHODS FOR A DISK STORAGE SUBSYSTEM
- PROCEDES AMELIORES DE DETECTION SEQUENTIELLE ET DE PRETRANSFERT POUR UN SOUS-SYSTEME DE MEMOIRE A DISQUES
- (71) **STORAGE TECHNOLOGY CORPORATION** [US/US]; One StorageTek Drive, MS-4309, Louisville, CO 80028-4309 (US).
- (72) **PERMUT, Alan, R.**; 906 W. Alder Street, Louisville, CO 80027 (US). **O'BRIEN, John, Timothy**; 538 W. Spruce Way, Louisville, CO 80027 (US). **RADEBAUGH, Keith, Allen**; 1880 Orchard Drive, Denver, CO 80221 (US). **VANDENBERGH, Hendrikus, Everhardus**; 1645 Erin Way, Lafayette, CO 80026 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **G06F 12/12**
- (11) **WO 00/70468** (13) A1
- (21) PCT/US00/13569
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/314,233 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LEAST RECENTLY USED REPLACEMENT METHOD WITH PROTECTION
- PROCÉDÉ DE REMPLACEMENT PAR ANCIENNETÉ AVEC PROTECTION
- (71) **INTEL CORPORATION** [US/US]; 2625 Walsh Avenue, Santa Clara, CA 95051 (US).
- (72) **WILKERSON, Christopher, B.**; 2312 NW Schmidt Way #34, Beaverton, OR 97006 (US). **WADE, Nicholas, D.**; 2730 NW 81st Street, Portland, OR 97229 (US).
- (74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MI 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **G06F 13/00**
- (11) **WO 00/70469** (13) A2
- (21) PCT/US99/27105
- (22) **15 Nov/nov 1999 (15.11.1999)**
- (25) en (26) en
- (30) 09/313,873 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • STORE TO LOAD FORWARDING USING A DEPENDENCY LINK FILE
- TRANSFERT DE DONNEES DE MEMORISATION SOUS FORME DE DONNES DE CHARGE, AU MOYEN D'UN FICHER DE LIENS DE DEPENDANCE
- (71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).
- (72) **HUGHES, William, Alexander**; 852 Edgemoor Drive, Burlingame, CA 94010 (US). **MEYER, Derrick, R.**; 2728 Creek's Edge Parkway, Austin, TX 78733 (US).
- (74) **RILEY, Louis, A.**; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, M/S 562, Austin, TX 78741 (US).
- (81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G06F 13/00**
- (11) **WO 00/70470** (13) A1
- (21) PCT/US00/13189
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,099 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ONLINE METHOD AND COMPUTER SYSTEM
- PROCEDE EN LIGNE ET SYSTEME INFORMATIQUE
- (71) **CAREERWORKSTATION, INC.** [US/US]; 783 The Alameda, San Jose, CA 95126 (US).
- (72) **OLSON, Jeannine**; 312 Custer Avenue, Billings, MT 59102 (US). **ZIMMERMAN, Sabine**; 2673 Ohio Avenue, Redwood City, CA 94062 (US). **BATCHELDER, Darrell**; 312 Highland Terrace, Woodside, CA 94062 (US). **CARPENTER, Matthew**; 2673 Ohio Avenue, Redwood City, CA 94061 (US). **OLSON, Edward**; 312 Custer Avenue, Billings, MT 59102 (US). **LONSKY, Peter**; 2748 Ross Road, Palo Alto, CA 94303 (US).
- (74) **LIMBACH, George, C.**; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 13/00**
- (11) **WO 00/70471** (13) A1
- (21) PCT/US00/13462
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 09/313,871 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TWO WIRE MIXED SIGNAL BIDIRECTIONAL BUS INTERFACE
- INTERFACE BUS BIDIRECTIONNELLE MIXTE A DEUX FILS

(71) **MAXIM INTEGRATED PRODUCTS, INC.** [US/US]; 120 San Gabriel Drive, Sunnyvale, CA 94086 (US).

(72) **WETTROTH, John, M.**; 127 Barriedale Circle, Apex, NC 27502 (US). **ALLEN, Charles, M.**; 869 Helena Drive, Sunnyvale, CA 94087 (US). **ASHBURN, Michael, A., Jr.**; 1870 Ednamary Way, Apartment B, Mountain View, CA 94040 (US).

(74) **MACKENZIE, Douglas, E.**; Hickman Stephens Coleman & Hughes, P.O. Box 52037, Palo Alto, CA 94303-0746 (US).

(81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **G06F 13/10**

(11) **WO 00/70472** (13) A1

(21) PCT/US00/12308

(22) **5 May/mai 2000 (05.05.2000)**

(25) en (26) en

(30) 09/310,542 **12 May/mai 1999 US (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SYSTEM AND ADAPTER CARD FOR REMOTE CONSOLE EMULATION  
• SYSTEME ET CARTE ADAPTATEUR POUR EMULATION DE CONSOLES A DISTANCE

(71) **UNISYS CORPORATION** [US/US]; Township Line and Union Meeting Roads, P.O. Box 500, Blue Bell, PA 19424-0001 (US).

(72) **POWDERLY, Terrence, V.**; 10 Crown Lane, East FallowField, PA 19320 (US).

(74) **STARR, Mark, T.** et al. / etc.; Unisys Corporation, Township Line and Union Meeting Roads, P.O. Box 500, Blue Bell, PA 19424-0001 (US).

(81) BR JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>6</sup> **G06F 13/38, 15/173**

(11) **WO 00/70473** (13) A1

(21) PCT/US00/12258

(22) **5 May/mai 2000 (05.05.2000)**

(25) en (26) en

(30) 09/310,456 **12 May/mai 1999 US (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ENTERTAINMENT/INFORMATION SYSTEM HAVING DISPARATE INTERACTIVE DEVICES  
• SYSTEME DE DIVERTISSEMENTS/INFORMATIONS AVEC DISPOSITIFS INTERACTIFS DIVERS

(71) **LODGENET ENTERTAINMENT CORPORATION** [US/US]; 3900 West Innovation Street, Sioux Falls, SD 57107 (US).

(72) **STOEL, Leon, P.**; 1127 Connor Trail, Sioux Falls, SD 57103 (US). **BANKERS, David, M.**; 2634 E. Regency Court, Sioux Falls, SD 57103 (US). **CINCO, Christopher, Alan.**; 5404 Drexel Drive, Sioux Falls, SD 57106 (US).

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

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G06F 13/40**

(11) **WO 00/70474** (13) A1

(21) PCT/US00/13223

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/315,325 **19 May/mai 1999 US (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • APPARATUS FOR REDUCING REFLECTIONS WHEN USING DYNAMIC TERMINATION LOGIC SIGNALING  
• APPAREIL DE REDUCTION DE REFLEXIONS DANS L'UTILISATION DE SIGNALISATION LOGIQUE DE TERMINAISON DYNAMIQUE

(71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).

(72) **STARR, Jonathan.**; 20350 Stevens Creek Blvd., Apt 106, Cupertino, CA 95014 (US).

(74) **D'ALLESSANDRO, Kenneth** et al. / etc.; Sierra Patent Group, Ltd., P.O. Box 6149, Stateline, NV 89449 (US).

(81) IL JP KR RU SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **G06F 13/40**

(11) **WO 00/70475** (13) A1

(21) PCT/US00/04669

(22) **22 Feb/fév 2000 (22.02.2000)**

(25) en (26) en

(30) 09/311,911 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PCI BRIDGE CONFIGURATION HAVING PHYSICALLY SEPARATE PARTS

• CONFIGURATION DE PASSERELLE PCI COMPRENANT DES PARTIES PHYSIQUES DISTINCTES

(71) **PHILIPS ELECTRONICS NORTH AMERICA CORPORATION** [US/US]; 1251 Avenue of Americas, New York, NY 10020 (US).

(72) **LANGE, Ronald, E.**; 4442 W. Kimberly Way, Glendale, AZ 83508 (US). **EVOY, David, Ross.**; 68 W. Secretariat Drive, Tempe, AZ 85284-1320 (US).

(74) **GRZELAK, Keith, D.** et al. / etc.; Wells, St. John, Roberts, Gregory & Matkin, P.S., Suite 1300, 601 West First Avenue, Spokane, WA 99201-3828 (US).

(81) CN DE GB JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>6</sup> **G06F 15/00, 17/60, G07F 7/02**

(11) **WO 00/70476** (13) A1

(21) PCT/US99/10739

(22) **14 May/mai 1999 (14.05.1999)**

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • AUTOMATED STORAGE SYSTEM  
• SYSTEME DE STOCKAGE AUTOMATISE

(71) **CHAS-TECH, INC.** [US/US]; 5450 North Genematas Drive, Tucson, AZ 85704 (US).

(72) **McCARTY, Charles, H.**; 5450 North Genematas Drive, Tucson, AZ 85704 (US). **LINDER, Bonita, S.**; 328 - 69th Street, Mahtomedi, MN 55115 (US).

(74) **HAUGEN, Orrin, M.**; Haugen Law Firm PLLP, Suite 1130, 121 South Eighth Street, Minneapolis, MN 55402 (US).

(81) AU CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **G06F 15/00**

(11) **WO 00/70477** (13) A1

(21) PCT/US00/13055

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/134,231 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SYSTEM AND METHOD FOR GENERATING INTERACTIVE ANIMATED INFORMATION AND ADVERTISEMENTS  
• SYSTEME ET PROCEDE DE PRODUCTION D'INFORMATIONS ET DE PUBLICITES ANIMEES INTERACTIVES

(71) **FUNYELLOW, INC.** [US/US]; 1432 Con-cannon Boulevard, Livermore, CA 94550 (US).

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

(71, 72) **LAVINE, Adam** [US/US]; 5576 Arlene Way, Livermore, CA 94550 (US). **CHEN, Yu-Jen, Dennis** [-/US]; 5588 Felicia Avenue, Livermore, CA 94550 (US). **RODGERS, Dwight** [US/US]; 32 Turner Court, Princeton, NJ 08540 (US).

(74) **WOODBIDGE, Richard, C.**; Wood-bridge & Associates, P.C., P.O. Box 592, Princeton, NJ 08542-0592 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G06F 15/16**

(11) **WO 00/70478** (13) A1

(21) PCT/US00/12485

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 09/310,411 **12 May/mai 1999** US (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • UNIFORM NETWORK ACCESS

• ACCES UNIFORME AU RESEAU

(71) **SOCIOCYBERNETICS, INC.** [US/US]; P.O. Box 558510, Miami, FL 33255-8510 (US).

(72) **MURRELL, Stephen, J.**; 6250 Southwest 64th Court, Miami, FL 33143 (US). **HAMMAN, Henry, L.**; 7260 Southwest 34th Street Road, Miami, FL 33155 (US).

(74) **KINCART, Joseph, P.**; Clifford Chance Rogers & Wells LLP, 200 Park Avenue, New York, NY 10166 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G06F 15/173, 17/60, H04L 12/54**

(11) **WO 00/70479** (13) A1

(21) PCT/AU00/00454

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) PQ 0302 **12 May/mai 1999** AU (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A MESSAGE PROCESSING SYSTEM  
• SYSTEME DE TRAITEMENT DE MES-SAGES

(71) **SHARINGA NETWORKS INC.** [US/US]; 1310 King Street, Wilmington, DE 19801 (US).

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

(72, 75) **LOW, Sydney, Gordon** [AU/AU]; 9 Evans Road, Kew, Victoria 3101 (AU). **LANG, William, Dennis** [AU/AU]; 39 Normanby Road, Kew, Victoria 3101 (AU).

(74) **WEBBER, David, Brian** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>6</sup> **G06F 15/177**

(11) **WO 00/70480** (13) A1

(21) PCT/US00/07010

(22) **16 Mar/mar 2000 (16.03.2000)**

(25) en (26) en

(30) 09/312,099 **14 May/mai 1999** US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • COMMUNICATION NETWORK ME-THOD AND APPARATUS  
• PROCEDE POUR RESEAU DE COM-MUNICATION ET APPAREIL

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **SILVERMAN, Shmuel**; 581 Indian Spring Lane, Buffalo Grove, IL 60089 (US). **LISS, Raymond, M.**; 745 Stonehedge Road, St. Charles, IL 60174 (US). **STEWART, Randall, R.**; 24 Burning Bush Trail, Crystal Lake, IL 60012 (US).

(74) **BELADI, Sayed, Hossein** et al. / etc.; Motorola, Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) BR JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **G06F 15/18, 17/30, 17/60, G06N 5/02, G05B 13/02**

(11) **WO 00/70481** (13) A1

(21) PCT/US00/13360

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 60/134,105 **14 May/mai 1999** US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • INTELLIGENT COMPUTER SYSTEM  
• SYSTEME INTELLIGENT D'ORDINATEUR

(71) **MANNA, INC.** [US/US]; 27 Mica Lane, Wellesley, MA 02481 (US).

(72) **RATSABY, Joel**; 59 Gordon Street, Tel Aviv (IL). **BARNEA, Gad**; 17 Einstein Street, Haifa (IL).

(74) **KUSMER, Toby, H.**; McDermott, Will & Emery, 28 State Street, Boston, MA 02109 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **G06F 15/76, 17/00, 15/00, 9/00**

(11) **WO 00/70482** (13) A1

(21) PCT/US00/06621

(22) **14 Mar/mar 2000 (14.03.2000)**

(25) en (26) en

(30) 09/312,302 **14 May/mai 1999** US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • INTERRUPT AND EXCEP-TION HANDLING FOR MULTI-STREAMING DIGITAL PROCESSORS  
• TRAITEMENT DES INTERRUPTIONS ET DES EXCEPTIONS POUR PROCES-SEURS NUMERIQUES MULTITRAIN

(71) **XSTREAM LOGIC, INC.** [US/US]; 750 University Avenue, Suite 270, Los Gatos, CA 95032-7698 (US).

(72) **NEMIROVSKY, Mario, D.**; 19750 North-hampton Drive, Saratoga, CA 95070 (US). **NEMIROVSKY, Adolfo, M.**; 1044 Alderbrook Lane, San Jose, CA 95129 (US). **SANKAR, Nerendra**; 450 Oak Grove Drive, Apartment 313, Santa Clara, CA 95054 (US).

(74) **BOYS, Donald, R.**; P.O. Box 187, Aromas, CA 95004 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 15/80

(11) WO 00/70483 (13) A2

(21) PCT/US00/13221

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/134,253 13 May/mai 1999 US (13.05.1999)

(30) 09/418,663 14 Oct/oct 1999 US (14.10.1999)

(30) 09/524,179 13 Mar/mar 2000 US (13.03.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND APPARATUS FOR PROCESSOR PIPELINE SEGMENTATION AND RE-ASSEMBLY

• PROCEDE ET APPAREIL DE SEGMENTATION ET DE REASSEMBLAGE D'UN PROCESSEUR PIPELINE

(71) ARC INTERNATIONAL U.S. HOLDINGS INC. [US/US]; 6862 Santa Teresa Boulevard, San Jose, CA 95119 (US).

(72) HAKEWILL, James, Robert, Howard; 35 Aldenham Avenue, Radlett, Hertfordshire WD7 8HZ (GB). SANDERS, Jon; 105 Weald Lane, Harrow, Wealdstone, Middlesex HA3 5HB (GB).

(74) NATAUPSKY, Steven, J.; Knobbe, Martens, Olson & Bear, LLP, Sixteenth Floor, 620 Newport Center Drive, Newport Beach, CA 92660-8016 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/00

(11) WO 00/70484 (13) A2

(21) PCT/GB00/01879

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 9911282.3 14 May/mai 1999 GB (14.05.1999)

(30) 60/136,575 28 May/mai 1999 US (28.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A MARKET OPERATING SYSTEM  
• SYSTEME DE FONCTIONNEMENT DE MARCHÉ

(71) OTC HOLDINGS LIMITED [GB/GB]; Suite 112, 65 London Wall, London EC2M 5TU (GB).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COOK, Christopher, Jens [GB/GB]; OTC Holdings Limited, Suite 112, 65 London Wall, London EC2M 5TU (GB).

(74) KINSLER, Maureen, Catherine 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/00

(11) WO 00/70485 (13) A2

(21) PCT/US99/10625

(22) 13 May/mai 1999 (13.05.1999)

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR HANDLING ESTIMATION/RATIOING OF ADJUSTMENT  
• PROCÉDÉ POUR ESTIMER/CALCULER UNE COMPENSATION

(71) THE GOODYEAR TIRE & RUBBER COMPANY [US/US]; D/823, 1144 East Market Street, Akron, OH 44316-0001 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOBB, Jolan, Fredda [US/US]; 2172 Donner Street NW, North Canton, OH 44720 (US). OLSEN, Richard, Joseph [US/US]; 3945 State Street NE, Canton, OH 44721 (US). YOUNG, Ray, Allison [US/US]; 6210 Briggie Avenue, SW, East Sparta, OH 44626 (US). WHITTUM, Robert, Carlton [US/US]; 4151 Shaw Road, Akron, OH 44333 (US). MANKA, David, Henry [US/US]; 408 Helena Drive, Tallmadge, OH 44278 (US).

(74) WHEELER, David, E.; D/823, The Goodyear Tire & Rubber Company, 1144 East Market Street, Akron, OH 44316-0001 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>6</sup> G06F 17/00

(11) WO 00/70486 (13) A1

(21) PCT/US99/15989

(22) 15 Jul/juil 1999 (15.07.1999)

(25) en (26) en

(30) 09/310,715 12 May/mai 1999 US (12.05.1999)

(30) 09/338,790 23 Jun/juin 1999 US (23.06.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A SYSTEM FOR DIGITALLY CAPTURING AND RECORDING PANORAMIC IMAGES

• SYSTEME DE SAISIE ET D'ENREGISTREMENT NUMERIQUE D'IMAGES PANORAMIQUES

(71) INFINITE PICTURES INC. [US/US]; Suite 1, 33 N.W. First Avenue, Portland, OR 97209 (US).

(72) GILBERT, Scott; 4309 North Rio Cancion Drive #183, Tucson, AZ 85719 (US). KAIMAN, David; 1694 North Island Cove Lane, Portland, OR 97219 (US). PARK, Michael, C.; 7000 SW Vermont Court #102, Portland, OR 97223 (US). RIPLEY, David, C.; 1546 NW Benfield Drive, Portland, OR 97229 (US).

(74) GALBI, Elmer; 13314 Vermeer Drive, Lake Oswego, OR 97035 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/00

(11) WO 00/70487 (13) A1

(21) PCT/US00/13124

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/134,342 14 May/mai 1999 US (14.05.1999)

(30) 60/159,665 15 Oct/oct 1999 US (15.10.1999)

- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ANONYMOUS ON-LINE CASH MANAGEMENT SYSTEM  
• SYSTEME DE GESTION ANONYME EN LIGNE DES ESPECES
- (71, 72) **FRENKEL, Marvin, A.** [US/US]; 26323 Hendrie Blvd., Huntington Woods, MI 48070 (US).
- (74) **COGEN, Ellen, S.** et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., 280 N. Old Woodward Ave., Ste. 400, Birmingham, MI 48009 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G06F 17/00**
- (11) **WO 00/70488** (13) A2
- (21) PCT/US00/13150
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/311,095 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MULTI-FACILITY APPOINTMENT SCHEDULING SYSTEM  
• SYSTEME DE PROGRAMMATION DE RENDEZ-VOUS DANS DE MULTIPLES INSTALLATIONS
- (71) **MEDICAL SPECIALTY SOFTWARE, INC.** [US/US]; Suite D, Building 4, 220 E. Monument Avenue, Kissimmee, FL 34741 (US).
- (72) **RALSTON, Stephen, M.**; 1660 Grandview Boulevard, Kissimmee, FL 34744 (US). **VALENTINE, Debra, Deahl**; 1601 Christina Court, St. Cloud, FL 34772 (US). **JENKINS, Micheal, B.**; 704 Terrace Boulevard, Orlando, FL 32803 (US). **COUCHMAN, Richard, S.**; 451 Sonoma Valley Circle, Orlando, FL 32835 (US). **COUCHMAN, Gail, R.**; 451 Sonoma Valley Circle, Orlando, FL 32835 (US).
- (74) **FRIEDLAND, David, K.**; P.O. Box 141098, Coral Gables, FL 33114 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 17/00**
- (11) **WO 00/70489** (13) A2
- (21) PCT/US00/13181
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/311,787 **14 May/mai 1999 US (14.05.1999)**
- (30) 09/366,503 **3 Aug/août 1999 US (03.08.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR PROVIDING HOTSPOTS IN A SHARED VIRTUAL WORLD  
• PROCEDE ET APPAREIL FOURNISSANT DES POINTS SENSIBLES DANS UN ENVIRONNEMENT VIRTUEL PARTAGE
- (71) **GRAPHIC GEMS** [US/US]; Suite 600, 1850 Gateway Drive, San Mateo, CA 94404 (US).
- (72) **JIAU, Winifred**; 2520 Buena Vista Avenue, Belmont, CA 94002 (US). **TOLAR, Robert**; 57 Bradford Street, San Francisco, CA 94110 (US).
- (74) **MAJERUS, Laura, A.** et al. / etc.; Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 17/00**
- (11) **WO 00/70490** (13) A2
- (21) PCT/US00/13242
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/311,036 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHODS, APPARATUS, ARTICLES OF MANUFACTURE, AND USER INTERFACES FOR PERFORMING AUTOMATED BIOLOGICAL ASSAY PREPARATION AND MACROMOLECULE PURIFICATION  
• PROCEDES, APPAREIL, ARTICLES DE FABRICATION, ET INTERFACE UTILISATEUR POUR EFFECTUER LA PREPARATION DE DOSAGE BIOLOGIQUE ET LA PURIFICATION AUTOMATISEES DE MACROMOLECULES
- (71) **PERKIN-ELMER CORPORATION** [US/US]; 850 Lincoln Centre Drive, Foster City, CA 94404 (US).
- (72) **OLDHAM, Mark, Floyd**; 16500 Soda Springs Road, Los Gatos, CA 95033 (US). **HONEBEIN, Peter, Carlton**; 5450 Winter Green Lane, Reno, NV 89511 (US).
- (74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 17/00**
- (11) **WO 00/70491** (13) A2
- (21) PCT/US00/13398
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 09/313,090 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • WAITING PRIOR TO ENGAGING IN AUTOMATED SERVICES  
• TEMPS D'ATTENTE PRECEDANT L'EXECUTION D'UN SERVICE AUTOMATISE
- (71) **MICROSOFT CORPORATION** [US/US]; One Microsoft Way, Redmond, WA 98052 (US).
- (72) **HORVITZ, Eric**; 330 Waverly Way, Kirkland, WA 98033 (US).
- (74) **DRYJA, Michael, A.**; Law Offices of Michael Dryja, 704 228th Avenue NE, PMB 694, Redmond, WA 98053 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 17/00**
- (11) **WO 00/70492** (13) A1
- (21) PCT/US00/13451
- (22) **15 May/mai 2000 (15.05.2000)**

- (25) en (26) en
- (30) 09/311,934 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR IMPROVED CONTACT AND ACTIVITY MANAGEMENT AND PLANNING  
• METHODE ET DISPOSITIF PROPRES A AMELIORER LA GESTION ET LA PLANIFICATION DE CONTACTS ET D'ACTIVITES
- (71) **APPINTEC CORPORATION** [US/US]; Suite 500, 5801 Christie Avenue, Emeryville, CA 94608 (US).
- (72) **RETAILLICK, Robin**; Suite 500, 5801 Christie Avenue, Emeryville, CA 94608 (US). **SANCHEZ, Susana**; Suite 500, 5801 Christie Avenue, Emeryville, CA 94608 (US).
- (74) **BRUCKER, H., Michael**; Suite 110, 5855 Doyle Street, Emeryville, CA 94608 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **G06F 17/00**
- (11) **WO 00/70493** (13) A2
- (21) PCT/US00/13466
- (22) **16 May/mai 2000** (16.05.2000)
- (25) en (26) en
- (30) 60/134,470 **17 May/mai 1999** US  
(17.05.1999)
- (30) 09/470,180 **22 Dec/déc 1999** US  
(22.12.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • STRUCTURED FINANCE PERFORMANCE ANALYTICS SYSTEM  
• SYSTEME ANALYTIQUE STRUCTURE D'ANALYSE DE PERFORMANCES FINANCIERES
- (71) **THE CHASE MANHATTAN BANK** [US/US]; 270 Park Avenue, 41st Floor, New York, NY 10017 (US).
- (72) **MERVES, Jay**; 2 Diamond Court, West Windsor, NJ (US). **LONDON, Michael**; 540 West 33rd Street, 15th Floor, New York, NY 10001 (US).
- (74) **WEISBURD, Steven, I.** et al. / etc.; Ostrolenk, Faber, Gerb & Soffen, LLP, 1180 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 17/00**
- (11) **WO 00/70495** (13) A2
- (21) PCT/US00/13916
- (22) **18 May/mai 2000** (18.05.2000)
- (25) en (26) en
- (30) 09/314,275 **18 May/mai 1999** US  
(18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SEMICONDUCTOR PROCESSING TECHNIQUES  
• TECHNIQUES DE TRAITEMENT DE SEMICONDUCTEURS
- (71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
- (72) **LYON, Richard, C.**; 1224 Hopkins Gulch, Boulder Creek, CA 95006 (US).
- (74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **G06F 17/00**
- (11) **WO 00/70496** (13) A1
- (21) PCT/US00/09029
- (22) **5 Apr/avr 2000** (05.04.2000)
- (25) en (26) en
- (30) 09/309,215 **12 May/mai 1999** US  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD OF GENERATING AND OFFERING GIFT CERTIFICATES FOR SALE  
• PROCEDE D'ELABORATION ET D'OFFRE DE CHEQUES-CADEAUX DESTINES A LA VENTE
- (71, 72) **BUCHHOLZ, Steven** [US/US]; 7052 Society Court, Dayton, OH 45414 (US).
- (74) **RANDALL J. KNUTH, P.C.**; 3510-A Stellas Road, Fort Wayne, IN 46815-4631 (US).
- (81) AU BR CA CN DE ES GB JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **G06F 17/17**
- (11) **WO 00/70497** (13) A1
- (21) PCT/GB00/01750
- (22) **12 May/mai 2000** (12.05.2000)
- (25) en (26) en
- (30) 9910908.4 **12 May/mai 1999** GB  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SIGNAL PROCESSING  
• TRAITEMENT DE SIGNAL

(71) **THE UNIVERSITY COURT OF THE UNIVERSITY OF PAISLEY** [GB/GB]; High Street, Renfrewshire PA1 2BE (GB).  
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **JONES, Elizabeth, Ann** [GB/GB]; 15 Low Parksail, Erskine PA8 7HS (GB).

(74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G06F 17/28, G06K 9/72**

(11) **WO 00/70498** (13) A1

(21) PCT/RU00/00138

(22) **19 Apr/avr 2000 (19.04.2000)**

(25) ru (26) ru

(30) 99108913 **12 May/mai 1999** RU  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD USING RECOGNITION INTEGRITY, RECOGNITION TASK-ORIENTATION AND ADAPTABILITY FOR THE CONVERSION OF COMPUTER CODES DURING THE PROCESS FOR RECOGNISING THEIR CORRESPONDING IMAGE FRAGMENTS  
• PROCEDE D'UTILISATION DE L'INTEGRITE DE LA RECONNAISSANCE, DE L'ORIENTATION TACHES DE LA RECONNAISSANCE ET DE L'ADAPTABILITE AFIN DE CONVERTIR DES CODES INFORMATIQUES LORS DU PROCESSUS DE RECONNAISSANCE DE FRAGMENTS D'IMAGES QUI LEUR CORRESPONDENT

(71, 72) **YANG, David Evgenievich** [RU/RU]; B.Kozlovsky per. 10-1-5, Moscow, 117357 (RU).

(72, 75) **TERESCHENKO, Vadim Vladislavovich** [RU/RU]; ul. Nezhinskaya, 13-832, Moscow, 113570 (RU). **ANISIMOVICH, Konstantin Vladimirovich** [RU/RU]; ul. Novomarininskaya, 11-1-192, Moscow, 105568 (RU). **ZUEV, Konstantin Alexeevich** [RU/RU]; ul. Nagornaya, 11-22, Moscow, 113166 (RU).

(74) **LINNIK, Lev Nikolaevich**; Orekhovy bulvar, 39-1-145, Moscow, 115573 (RU).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G06F 17/30**

(11) **WO 00/70499** (13) A1

(21) PCT/ES99/00342

(22) **25 Oct/oct 1999 (25.10.1999)**

(25) es (26) es

(30) U 9901352 **14 May/mai 1999** ES  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MULTIPLE TELECOMMUNICATIONS MACHINE FOR COMMON, PUBLIC AND/OR PRIVATE USE

• APPAREIL DE TELECOMMUNICATIONS MULTIPLES D'USAGE COURANT, PUBLIC ET/OU PRIVE

(71, 72) **SOCIAS GILI, Monica** [ES/ES]; Calle Manuel Florentin, 25-31, E-08950 Esplugues de Llobregat (ES).

(81) AU BR CA CH CN HU IL IS JP KP KR MX NO NZ PL RO RU SI SK TR UA US VN YU ZA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **G06F 17/30**

(11) **WO 00/70500** (13) A2

(21) PCT/US00/11946

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

(30) 09/312,308 **14 May/mai 1999** US  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CLIENT-SERVER INDEPENDENT INTERMEDIARY MECHANISM

• MECANISME INTERMEDIAIRE INDEPENDANT CLIENT-SERVEUR

(71) **PIVIA, INC.** [US/US]; Suite 200, 10062 Miller Avenue, Cupertino, CA 95014 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOHAN, Sudhir** [US/US]; 5006 Calle de Escuela, Santa Clara, CA 95054-1431 (US). **PATIL, Umesh, R.** [IN/US]; 811 Milo Court, San Jose, CA 95133 (US). **JORDAN, Daniel, S.** [US/US]; 32 Museum Way, San Francisco, CA 94114 (US).

(74) **MILLIKEN, Darren, J.** 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G06F 17/30**

(11) **WO 00/70501** (13) A1

(21) PCT/US00/12524

(22) **8 May/mai 2000 (08.05.2000)**

(25) en (26) en

(30) 09/311,515 **13 May/mai 1999** US  
(13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • COLLABORATION WITH GENERATING DOCUMENTS AMONG A PLURALITY OF OPERATORS

• COLLABORATION IMPLIQUANT LA GENERATION DE DOCUMENTS ENTRE PLUSIEURS OPERATEURS

(71) **X-COLLABORATION SOFTWARE CORPORATION** [US/US]; 186 Lincoln Street, Suite 800, Boston, MA 02111 (US).

(72) **LO, Kevin, H.**; 227 Walnut Street #2, Newton, MA 02146 (US). **CHUNG, Richard, Y.**; 54 Pratt Street, Allston, MA 02134 (US). **CHUN, Ray, Y.**; 382 Ocean Avenue, Apartment 1109, Revere, MA 02151 (US).

(74) **JORDAN, Richard, A.**; P.O. Box 81363, Wellesley Hills, MA 02481-0004 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>6</sup> **G06F 17/30**

(11) **WO 00/70502** (13) A1

(21) PCT/US00/12592

(22) **9 May/mai 2000 (09.05.2000)**

(25) en (26) en

(30) 09/315,592 **19 May/mai 1999** US  
(19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SYSTEM AND METHOD FOR SEARCHING AND PROCESSING DATABASES COMPRISING NAMED ANNOTATED TEXT STRINGS

- SYSTEME ET PROCEDE DE RECHERCHE ET TRAITEMENT DE BASES DE DONNEES COMPRENANT DES CHAINES DE TEXTES ANNOTEES ET IDENTIFIEES
- (71) **NANOGEN, INC.** [US/US]; 10398 Pacific Center Court, San Diego, CA 92121 (US).
- (72) **MACKE, Thomas, J.**; 4441 Escondido #4208, Las Vegas, NV 89119 (US). **BUTLER, William, F.**; 8519 Sugarman Drive, La Jolla, CA 92037 (US). **O'CONNELL, James, P.**; 166 Solana Point Circle, Solana Beach, CA 92075 (US).
- (74) **MURPHY, David, B.**; Lyon & Lyon LLP, 633 West Fifth Street, Suite 4700, Los Angeles, CA 90071-2066 (US).
- (81) AU BR CA CN JP KR NZ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G06F 17/30**
- (11) **WO 00/70503** (13) A1
- (21) PCT/US00/12721
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 60/133,921 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TECHNIQUE FOR SECURE REMOTE CONFIGURATION OF A SYSTEM  
• TECHNIQUE DE CONFIGURATION SECURISEE D'UN SYSTEME A DISTANCE
- (71) **ASCOM HASLER MAILING SYSTEMS, INC.** [US/US]; 19 Forest Parkway, Shelton, CT 06484-0904 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BROOKNER, George, M.** [US/US]; 11 Surrey Drive, Norwalk, CT 06851 (US).
- (74) **GREEN, Clarence** et al. / etc.; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06430 (US).
- (81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **G06F 17/30**
- (11) **WO 00/70504** (13) A2
- (21) PCT/US00/13858
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 09/314,321 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LOCATION ENHANCED INFORMATION DELIVERY SYSTEM  
• SYSTEME AMELIORE DE DISTRIBUTION D'INFORMATIONS DE LOCALISATION
- (71, 72) **HERZ, Frederick** [US/US]; P.O. Box 42891, Philadelphia, PA 19101-2891 (US).
- (72) **SMITH, Jonathan, M.**; 771 Princeton-Kingston Road, Princeton, NJ 08540-4165 (US). **PARKES, David, C.**; 1122 Spruce Street #3D, Philadelphia, PA 19107 (US).
- (74) **GRAZIANO, James, M.** et al. / etc.; Duft, Graziano & Forest, P.C., Suite 140, 1790 30th Street, Boulder, CO 80301 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 17/30**
- (11) **WO 00/70505** (13) A1
- (21) PCT/US00/05517
- (22) **2 Mar/mar 2000 (02.03.2000)**
- (25) en (26) en
- (30) 09/312,229 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR RULE-BASED CORRECTION OF SPELLING AND GRAMMAR ERRORS  
• PROCEDE DE CORRECTION DE FAUTES D'ORTHOGRAPHE ET DE GRAMMAIRE BASEE SUR DES REGLES
- (71) **JUSTSYSTEM PITTSBURGH RESEARCH CENTER, INC.** [US/US]; 4616 Henry Street, Pittsburgh, PA 15213 (US).
- (72) **KANTROWITZ, Mark**; 5503 Covode Street, Pittsburgh, PA 15217 (US). **BA-LUJA, Shumeet**; 197 Newton Street #5, Waltham, MA 02453 (US).
- (74) **BYRNE, Richard, L.** et al. / etc.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 17/30**
- (11) **WO 00/70506** (13) A1
- (21) PCT/US00/07561
- (22) **22 Mar/mar 2000 (22.03.2000)**
- (25) en (26) en
- (30) 60/134,956 **19 May/mai 1999 US (19.05.1999)**
- (30) Not furnished / non communiqué **22 Mar/mar 2000 US (22.03.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • NETWORK-BASED TRADING SYSTEM AND METHOD  
• SYSTEME ET PROCEDE D'ECHANGE DE TITRES EN RESEAU
- (71) **MEK SECURITIES LLC** [US/US]; 1639 Shippan Avenue, Stamford, CT 06902 (US).
- (72) **MIRAL, Kim-E.**; 1639 Shippan Avenue, Stamford, CT 06902 (US).
- (74) **WHITMYER, Wesley, W., Jr.** et al. / etc.; St. Onge Steward Johnston & Reens LLC, 986 Bedford Street, Stamford, CT 06905-5619 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G06F 17/30**
- (11) **WO 00/70507** (13) A1
- (21) PCT/US00/09439
- (22) **10 Apr/avr 2000 (10.04.2000)**
- (25) en (26) en
- (30) 09/315,220 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PROFILE SERVICE ARCHITECTURE  
• ARCHITECTURE DE SERVICE PROFIL
- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).
- (72) **WESCHLER, Paul, William, Jr.**; 12278 Utica Place, Broomfield, CO 80020 (US).
- (74) **BURTON, Carol, W.** et al. / etc.; Hogan & Hartson LLP, Suite 1500, 1200 17th Street, Denver, CO 80202 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)



(51)<sup>7</sup> G06F 17/40, 159/00

(11) WO 00/70508 (13) A1

(21) PCT/AU00/00447

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) PQ 0375 14 May/mai 1999 AU  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● DISEASE MANAGEMENT AND EXERCISE REHABILITATION SYSTEM

● SYSTEME DE GESTION DES SOINS THERAPEUTIQUES ET DE REEDUCATION FONCTIONNELLE

(71) MICROMEDICAL INDUSTRIES LIMITED [AU/AU]; 11 Technology Drive, Labrador, QLD 4215 (AU).

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

(72, 75) LOCH, Andrew [AU/AU]; 15 Chopin Court, Nerang, QLD 4211 (AU). FITZGERALD, James, Edward [AU/AU]; 1/18 Howard Street, Runaway Bay QLD 4216 (AU). BARNETT, Kim, Norman [AU/AU]; 12 Leona Court, Mt Tamborine, QLD 4272 (AU). SATCHWELL, Bruce, Richard [AU/AU]; 24 Carrara Street, Carrara, QLD 4211 (AU).

(74) WALLINGTON-DUMMER; Patent &amp; Trade Mark Attorneys, P.O. Box 297, Rydalmere, NSW 1701 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/50

(11) WO 00/70509 (13) A1

(21) PCT/US00/12994

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/133,956 13 May/mai 1999 US  
(13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHOD FOR DESIGNING A CYCLIC SYMMETRIC STRUCTURE

● PROCEDE DE CONCEPTION DE STRUCTURE A SYMETRIE CYCLIQUE

(71) ALLISON ENGINE COMPANY, INC. [US/US]; P.O. Box 420, Indianapolis, IN 46206 (US).

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

(72, 75) BURNS, Donald, W. [US/US]; 748 West Mill Street, Danville, IN 46122 (US). LOUIE, John, R. [US/US]; 1197 Gasburg Road, Mooresville, IN 46158 (US).

(74) ALLIE, John, H. et al. / etc.; Woodard, Emhardt, Naughton, Moriarty &amp; McNett, Suite 3700, Bank One Center/Tower, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06F 17/50, G06T 17/00

(11) WO 00/70510 (13) A1

(21) PCT/US00/13139

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 09/312,234 14 May/mai 1999 US  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● APPARATUS AND METHOD FOR MONITORING THE VALIDITY OF A MOLECULAR MODEL

● APPAREIL ET PROCEDE PERMETTANT DE CONTROLER LA VALIDITE D'UN MODELE MOLECULAIRE

(71) MOLECULAR SIMULATIONS, INC. [US/US]; 9685 Scranton Road, San Diego, CA 92121-3752 (US).

(72) CLARK, John, D.; 3930 Stanford Drive, Oceanside, CA 92056 (US).

(74) HUNT, Dale, C.; 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06F 17/60

(11) WO 00/70511 (13) A1

(21) PCT/AU00/00468

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) PQ 0422 18 May/mai 1999 AU  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● A WEBSITE DEVELOPMENT SYSTEM

● SYSTEME DE DEVELOPPEMENT DE SITES WEB

(71) KCS AUSTRALIA PTY. LTD. [AU/AU]; Level 4, 51-55 Mountain Street, Ultimo, NSW 2007 (AU).

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

(72, 75) WOLFE, Jonathon [AU/AU]; Level 4, 51-55 Mountain Street, Ultimo, NSW 2007 (AU). WHITE, Teresa [AU/AU]; Level 4, 51-55 Mountain Street, Ultimo, NSW 2007 (AU).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) WO 00/70512 (13) A1

(21) PCT/SE00/00882

(22) 3 May/mai 2000 (03.05.2000)

(25) sv (26) en

(30) 9901625-5 3 May/mai 1999 SE  
(03.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● DIRECT PAYMENT THROUGH INTERNET BANK AT ELECTRONIC SHOPPING

● PAIEMENT DIRECT PAR BANQUE SUR INTERNET POUR DES ACHATS EN LIGNE

(71) TELIA AB [SE/SE]; Mårbackagatan 11, S-123 86 Farsta (SE).

(72) HOLM, Göran; Mörnarsgatan 10, S-582 25 Linköping (SE). HULTMAN, Johan; Tallkullelegatan 2, S-590 72 Ljungsbro (SE).

(74) PRAGSTEN, Rolf; Telia Research AB, Vitsandsgatan 9, S-123 86 Farsta (SE).

(81) EE LT LV NO; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (51)<sup>7</sup> **G06F 17/60**
- (11) **WO 00/70513** (13) A1
- (21) PCT/SE00/00939
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 9901761-8 **14 May/mai 1999 SE (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND COMPUTER UNIT RELATED TO A PLANT  
• PROCEDE ET UNITE INFORMATIQUE LIEE A UNE INSTALLATION
- (71) **FIREFLY AB** [SE/SE]; Box 47134, S-100 74 Stockholm (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SIMONSSON, Bengt** [SE/SE]; Rosbacken 27, S-165 71 Hässelby (SE). **JANSSON, Lennart** [SE/SE]; Älggårdsvägen 17, S-139 36 Värmdö (SE).
- (74) **HOPFGARTEN, Nils** et al. / etc.; L.A. Groth & Co. KB, P.O. Box 6107, S-102 32 Stockholm (SE).
- (81) AE AG AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 17/60**
- (11) **WO 00/70514** (13) A1
- (21) PCT/US99/28131
- (22) **23 Nov/nov 1999 (23.11.1999)**
- (25) en (26) en
- (30) 09/313,089 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A PRE-PAYMENT MECHANISM FOR USE IN ON-LINE SHOPPING  
• MECANISME DE PREPAIEMENT POUR ACHATS EN LIGNE
- (63) US 09/313,089 (CON) 17 May/mai 1999 (17.05.1999)
- (71) **CYBERMOOLA, INC.** [US/US]; Suite 218, 1375 Sutter Street, San Francisco, CA 94109 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FREEMAN, Eric, S.** [US/US]; 1850 Gough Street #404, San Francisco, CA 94109 (US). **RUIZ-HERNANDEZ, Luisa** [ES/US]; 1850 Gough Street #404, San Francisco, CA 94109 (US). **COHEN, Gregory, A.** [US/US]; 3969 Regan Drive, San Mateo, CA 94403 (US).
- (74) **YEE, George, B., F.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 17/60**
- (11) **WO 00/70515** (13) A1
- (21) PCT/US99/28329
- (22) **30 Nov/nov 1999 (30.11.1999)**
- (25) en (26) en
- (30) 60/134,363 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • COMPUTER METHOD AND APPARATUS ENABLING WHOLESALE COMMERCE  
• PROCEDE ET APPAREIL INFORMATIQUES PERMETTANT LE COMMERCE DE GROS
- (71) **HOTOFFTHEWIRE.COM, INC.** [US/US]; Suite 27, 266 Main Street, Medfield, MA 02052 (US).
- (72) **HOSEY, Joseph, T.**; 32 Evergreen Way, Medfield, MA 02052 (US). **SULLIVAN, Michael, J.**; 2 Bowman Lane, Westborough, MA 01581 (US).
- (74) **WAKIMURA, Mary, Lou** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).
- (81) JP.
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- (51)<sup>7</sup> **G06F 17/60**
- (11) **WO 00/70516** (13) A1
- (21) PCT/US00/10376
- (22) **18 Apr/avr 2000 (18.04.2000)**
- (25) en (26) en
- (30) 60/134,383 **15 May/mai 1999 US (15.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • AUTOMATIC BROKER TOOLS AND TECHNIQUES
- OUTILS ET TECHNIQUES POUR COURTIER AUTOMATIQUE
- (71) **OGILVIE, John, W., L.** [US/US]; 1211 East Yale Avenue, Salt Lake City, UT 84105 (US).
- (74) **OGILVIE, John, W., L.**; Computer Law++, 8 East Broadway, Suite 725, Salt Lake City, UT 84111 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 17/60**
- (11) **WO 00/70517** (13) A2
- (21) PCT/US00/12036
- (22) **4 May/mai 2000 (04.05.2000)**
- (25) en (26) en
- (30) 09/310,104 **12 May/mai 1999 US (12.05.1999)**
- (30) 09/419,874 **15 Oct/oct 1999 US (15.10.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SUPPLYING GREETING CARDS AND GIFT CARDS OVER A GLOBAL COMPUTER NETWORK  
• ACHEMINEMENT DE CARTES DE VOEUX ET DE CARTES-PRIMES A TRAVERS UN RESEAU INFORMATIQUE MONDIAL
- (71) **MOORE NORTH AMERICA, INC.** [US/US]; 300 Lang Boulevard, Grand Island, NY 14072-1697 (US).
- (72) **SMITH, Eric, W.**; 40 Hollyvale Drive, Rochester, NY 14618 (US). **DORFMAN, Alex**; 66 Deumant Terrace, Tonawanda, NY 14223 (US). **GREULICH, Kenneth, R.**; 400 Riverview Drive, Youngstown, NY 14174 (US). **BROAD, Thomas, M.**; 11074 Carpenter Road, South Wales, NY 14139 (US).
- (74) **VANDERHYTE, Robert, A.**; Nixon & VanderhYTE P.C., Suite 800, 1100 North Glebe Road, Arlington, VA 22201-4714 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

- (11) **WO 00/70518** (13) A2  
 (21) PCT/US00/13069  
 (22) **12 May/mai 2000 (12.05.2000)**  
 (25) en (26) en  
 (30) 60/134,207 **14 May/mai 1999** US  
**(14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

- (54) • METHOD AND SYSTEM FOR ANONYMOUSLY AND CONFIDENTIALLY MATCHING CONTRAPARTIES TO A TRANSACTION WHICH RESULTS IN HUMAN NEGOTIATION OF THE FINAL TERMS OF A TRANSACTION

• PROCEDE ET SYSTEME D'APPARIEMENT ANONYME ET CONFIDENTIEL DE CONTREPARTIES POUR UNE TRANSACTION DEBOUCHANT SUR UNE RENCONTRE POUR NEGOCIER LES CONDITIONS DEFINITIVES DE LA TRANSACTION

- (71) **JEFFERIES & COMPANY, INC.** [US/US]; 11100 Santa Monica Boulevard, 11th Floor, Los Angeles, CA 90025 (US).

- (72) **SHAW, John, C.**; 12 Bluewater Hill, Westport, CT 06880 (US). **HOLWAY, Richard, A.**; 89 Bacon Street, Winchester, MA 01890 (US). **ALEX, Mike, N.**; 64 Barrett Lane, Wyckoff, NJ 07481 (US). **NIKOLAI, James, D.**; 42 Farm Lane, Great Neck, NY 11020 (US). **JOYCE, Thomas, P.**; 11 Muriel Road, Port Washington, NY 11050 (US). **HILSENATH, Saul, D.**; 37 Weston Avenue, Chatham, NJ 07928 (US). **SPEERS, Daniel, E.**; 15 Maxine Drive, Morristown, NJ 07960 (US).

- (74) **THESZ, J., Michael**; Morgan, Lewis & Bockius LLP, 1800 M. Street, N.W., Washington, DC 20036-5869 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

- (11) **WO 00/70519** (13) A2  
 (21) PCT/US00/13120  
 (22) **12 May/mai 2000 (12.05.2000)**  
 (25) en (26) en  
 (30) 60/134,593 **17 May/mai 1999** US  
**(17.05.1999)**

- (30) 09/464,543 **15 Dec/déc 1999** US  
**(15.12.1999)**

- (30) 09/464,537 **15 Dec/déc 1999** US  
**(15.12.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

- (54) • NETWORK ACCESSIBLE QUOTATION AND SHIPPING SYSTEM  
 • SYSTEME DE TRANSPORT MARITIME ET DE PRIX INDICATIF ACCESSIBLE AU RESEAU

- (71) **FROM2.COM, INC.** [-/US]; 8055 N.W. 77th Court, Suite 5, Miami, FL 33166 (US). *(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **FALIC, Leon, S.** [US/US]; Bal Harbour, FL 33154 (US). **GOLDFARB, Gary, M.** [US/US]; 145 Bal Bay Drive, Bal Harbour, FL 33154 (US). **REDLHAMMER, Robert, E.** [US/US]; 740 N.W. 86th Avenue, Pembroke Pines, FL 33024 (US).

- (74) **JOBSE, Bruce, D.**; Kudirka & Jobse, LLP, Two Center Plaza, Boston, MA 02108 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

- (11) **WO 00/70520** (13) A1

(21) PCT/US00/13408

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

- (30) 60/134,491 **17 May/mai 1999** US  
**(17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

- (54) • METHOD FOR FACILITATING A CONTINUOUS MARKET AUCTION SYSTEM

• PROCEDE FACILITANT UN SYSTEME DE VENTE AUX ENCHERES PERMANENT

- (71, 72) **NORMANN, Parker, Monroe** [US/US]; 5539 Hecate Court, Fairfax, VA 22032 (US). **POULSEN, John, Loren** [US/US]; 6413 Carolyn Drive, Falls Church, VA 22044 (US).

- (74) **CASTELLANO, John, A.** et al. / etc.; Birch, Stewart, Kolasch & Birch, LLP, P.O. Box 747, Falls Church, VA 22040-0747 (US).

- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

- (11) **WO 00/70521** (13) A2

(21) PCT/US00/13459

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

- (30) 60/134,741 **18 May/mai 1999** US  
**(18.05.1999)**

- (30) 09/313,954 **18 May/mai 1999** US  
**(18.05.1999)**

- (30) Not furnished / **12 May/mai 2000** US  
 non communiqué **(12.05.2000)**

(43) 23 Nov/nov 2000 (23.11.2000)

- (54) • METHOD AND APPARATUS FOR INTERNET COMMERCE

• PROCEDE ET APPAREIL CONÇUS POUR LE COMMERCE SUR L'INTERNET

- (71) **ACCO BRANDS, INC.** [US/US]; 300 Tower Parkway, Lincolnshire, IL 60069 (US).

- (72) **MURRAY, William, R., Jr.**; 573 Marlin Court, Redwood City, CA 94065 (US).

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

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

- (11) **WO 00/70522** (13) A1

(21) PCT/US00/13528

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

- (30) 09/313,164 **17 May/mai 1999** US  
**(17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

- (54) • METHOD FOR ILLUSTRATING REPLACEMENT OF A BENEFIT PLAN NOT VIABLE IN THE JURISDICTION

• PROCEDE ILLUSTRANT LE REMPLACEMENT D'UN PROGRAMME DE PREVOYANCE NON VALABLE AU LIEU DE JURISDICTION

- (71, 72) **PARSONS, David** [US/US]; 12155 Wexford Overlook, Roswell, GA 30075 (US).

- (74) **TRZYNA, Peter, K.**; P.O. Box 7131, Chicago, IL 60680-7131 (US).

(81) CA SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> G06F 17/60

(11) WO 00/70523 (13) A1

(21) PCT/US00/13798

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 60/134,782 19 May/mai 1999 US (19.05.1999)

(30) 09/337,590 21 Jun/juin 1999 US (21.06.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHODS AND SYSTEMS EMPLOYING DIGITAL WATERMARKING IN MUSIC AND OTHER MEDIA

• PROCEDES ET SYSTEMES UTILISANT LE FILIGRANE NUMERIQUE DANS DES SUPPORTS MUSICAUX ET AUTRES

(71) DIGIMARC CORPORATION [-/US]; 19801 S.W. 72nd Avenue, Suite 250, Tualatin, OR 97062 (US).

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(72, 75) RHOADS, Geoffrey, B. [-/US]; 304 S.W. Tualatin Loop, West Linn, OR 97068 (US). DAVIS, Bruce, L. [-/US]; 15599 Village Drive, Lake Oswego, OR 97034 (US). CARR, J., Scott [-/US]; 7814 S.W. 189th Avenue, Beaverton, OR 97007 (US).

(74) MEYER, Joel, R.; Digimarc Corporation, 19801 S.W. 72nd Avenue, Suite 250, Tualatin, OR 97062 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) WO 00/70524 (13) A1

(21) PCT/US00/13885

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 09/313,829 18 May/mai 1999 US (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHODS AND APPARATUS FOR MANAGING INFORMATION RELATING TO SUBJECT MATTER OF COMMERCIAL TRANSACTIONS

• PROCEDES ET APPAREIL POUR GERER DES INFORMATIONS RELATIVES AU DOMAINE DES TRANSACTIONS COMMERCIALES

(71) WORLDSTREET CORPORATION [US/US]; 465 Medford Street, Boston, MA 02129 (US).

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

(72, 75) KOPIKIS, Alexis [-/US]; 2000 Commonwealth Avenue, Brighton, MA 02135 (US). WALBORSKY, Paul [-/US]; 2000 Commonwealth Avenue, Brighton, MA 02135 (US). MARCUS, David [-/US]; 170 Puritan Road, Swampscott, MA 01907 (US).

(74) ELBING, Kristofer, E.; 187 Pelham Island Road, Wayland, MA 01778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) WO 00/70525 (13) A1

(21) PCT/US00/09612

(22) 11 Apr/avr 2000 (11.04.2000)

(25) en (26) en

(30) 09/310,355 12 May/mai 1999 US (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • PRINTED MEDIUM ACTIVATED INTERACTIVE COMMUNICATION

• COMMUNICATION INTERACTIVE ACTIVEE DE SUPPORT IMPRIME

(71) SILICON STEMCELL, LLC. [US/US]; Suite 211, 100 Four Falls Corporate Center, Conshohocken, PA 19428 (US).

(72) SCHENA, Robert, J.; 424 General Washington Road, Wayne, PA 19807 (US). ANDERER, Mike; 4567 South Mathews Way, Salt Lake City, UT 84124 (US). RITZ, Peter, B.; 1225 Gilbert Road, Meadowbrook, PA 19046 (US). BENENSTEIN, Mike; 5300 E. Calle Basque, Tucson, AZ 85718 (US).

(74) LAVORGNA, Gregory, J.; Seidel, Gonda, Lavorgna & Monaco, P.C., Suite 1800, Two Penn Center Plaza, Philadelphia, PA 19102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 19/00, 17/24, 17/21, 17/30, 17/00

(11) WO 00/70526 (13) A1

(21) PCT/SG99/00043

(22) 17 May/mai 1999 (17.05.1999)

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • EFFICIENT CODING IN PROCESSORS

• CODAGE EFFICIENT DANS DES PROCESSEURS

(71) INFINEON TECHNOLOGIES ASIA PACIFIC, PTE. LTD. [SG/SG]; 168 Kallang Way, Singapore 349253 (SG).

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(72, 75) BHARDWAJ, Manish [IN/SG]; Aquamarine Tower #11-06, Bayshore Park, Singapore (SG). CHIN, Dexter [US/SG]; 125 Meyer Road, Makena #22-03, Singapore 437936 (SG).

(74) LAWRENCE Y. D. HO & ASSOCIATES; Thongsia Building #07-01, 30 Bideford Road, Singapore 229922 (SG).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> G06F 19/00, G01N 31/00

(11) WO 00/70527 (13) A1

(21) PCT/US00/12835

(22) 9 May/mai 2000 (09.05.2000)

(25) en (26) en

(30) 09/312,727 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR OPTIMIZING MULTI-VARIATE CALIBRATIONS

• PROCEDE D'OPTIMISATION D'ETALONNAGES A PLUSIEURS VARIABLES

(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(72) BROWN, James, Milton; 31 Lane Drive, Flemington, NJ 08822 (US).

(74) HANTMAN, Ronald, D. et al. / etc.; ExxonMobil Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(81) CA JP SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **G06F 19/00**

(11) **WO 00/70528** (13) A2

(21) PCT/US00/13154

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/310,879 **14 May/mai 1999 US (14.05.1999)**

(30) 09/311,890 **14 May/mai 1999 US (14.05.1999)**

(30) 09/311,996 **14 May/mai 1999 US (14.05.1999)**

(30) 60/134,104 **14 May/mai 1999 US (14.05.1999)**

(30) Not furnished / **26 Apr/avr 2000 US non communiqué (26.04.2000)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● **METHOD AND APPARATUS FOR PREDICTIVE CELLULAR BIOINFORMATICS**

● **PROCEDE ET APPAREIL DE BIOINFORMATIQUE CELLULAIRE PREVISIONNELLE**

(71) **CYTOKINETICS, INC.** [US/US]; Suite 2, 280 East Grand Avenue, South San Francisco, CA 94080 (US).

(72) **SABRY, James, H.**; 52 Buena Vista Terrace, San Francisco, CA 94117 (US). **ADAMS, Cynthia, L.**; 615 Georgia Avenue, Palo Alto, CA 94306 (US). **VAISBERG, Eugeni, A.**; 647 Pegasus Lane, Foster City, CA 94404 (US). **CROMPTON, Anne, M.**; 2 Belclair Place, San Francisco, CA 94133 (US). **BLUM, Robert, I.**; 17 Shoreview Avenue, San Francisco, CA 94121 (US). **OESTREICHER, Donald, R.**; 904 Old Town Court, Cupertino, CA 95014-4024 (US). **SIGAL, Nolan, H.**; 941 Berry Avenue, Los Altos, CA 94024 (US).

(74) **LOUIE, Michael, L.**; Beyer Weaver & Thomas, LLP, P.O. Box 130, Mountain View, CA 94042-0130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G06F 19/00**

(11) **WO 00/70529** (13) A2

(21) PCT/US00/13583

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 09/313,278 **18 May/mai 1999 US (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● **VIRTUAL DOCTOR INTERACTIVE CYBERNET SYSTEM**

● **SYSTEME CYBERNET INTERACTIF POUR LIAISON MEDICALE VIRTUELLE**

(71, 72) **GOLDENBERG, David, M.** [US/US]; 330 Pleasant Valley Road, Mendham, NJ 07945 (US).

(74) **MCNAMARA, Brian, J.**; Foley & Lardner, Suite 5000, 3000 K Street, N.W., Washington, DC 20007-5109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G06F 19/00, G08B 5/22, G08G 1/01**

(11) **WO 00/70530** (13) A1

(21) PCT/US00/13800

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 09/315,071 **19 May/mai 1999 US (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● **FULLY AUTOMATED VEHICLE RENTAL SYSTEM**

● **SYSTEME DE LOCATION DE VEHICULE TOTALLEMENT INFORMATISE**

(71) **I.D. SYSTEMS, INC.** [US/US]; 1 University Plaza, Suite 600, Hackensack, NJ 07601 (US).

(72) **JAGID, Jeffrey, M.**; 169 East 19th Street, Apt. 21L, New York, NY 10003 (US). **EHRMAN, Kenneth, S.**; 245 East 19th Street, Apt. 21L, New York, NY 10003 (US). **EHRMAN, Michael, L.**; 205 Third Avenue, Apt. 6J, New York, NY 10003 (US). **LOOSMORE, N., Bert**; 241 East 10th Street, Apt. 3W, New York, NY 10003 (US).

(74) **RZUCIDLO, Eugene, C.**; Graham & James LLP, 885 Third Avenue, 21st floor, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **G06K**

(11) **WO 00/70531** (13) A2

(21) PCT/US00/13544

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/134,597 **17 May/mai 1999 US (17.05.1999)**

(30) 09/448,374 **23 Nov/nov 1999 US (23.11.1999)**

(30) 09/448,845 **23 Nov/nov 1999 US (23.11.1999)**

(30) 09/448,223 **23 Nov/nov 1999 US (23.11.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● **METHODS AND APPARATUS FOR CONTROL CONFIGURATION WITH VERSIONING, SECURITY, COMPOSITE BLOCKS, EDIT SELECTION, OBJECT SWAPPING, FORMULAIC VALUES AND OTHER ASPECTS**

● **PROCEDES ET APPAREIL DE CONFIGURATION DES COMMANDES COMPRENANT LA CONSERVATION DE L'HISTORIQUE, LA SECURITE, LES BLOCS COMPOSITES, LA SELECTION D'EDITION, LA PERMUTATION D'OBJET, LES VALEURS REPRESENTÉES PAR DES FORMULES ET AUTRES ASPECTS**

(71) **THE FOXBORO COMPANY** [US/US]; 33 Commercial Street, Foxboro, MA 02035 (US).

(72) **ELDRIDGE, Keith**; 239 Poquanicut Avenue, North Easton, MA 02356 (US). **MESKONIS, Paul**; 178 Rock Street, Norwood, MA 02062 (US). **HALL, Robert**; 37 Dean Street, South Easton, MA 02375 (US). **BURKE, Kenneth, A.**; 254 Purchase Street, South Easton, MA 02375 (US). **VOLK, Scott**; 25 Ramblewood Drive, North Easton, MA 02356 (US). **JOHNSON, Mark**; 254 Old Wood Road South, North Attleboro, MA 02760 (US). **MACKAY, Brian**; 335 Cove Drive, Coppel, TX 75019-5679 (US). **DARDINSKI, Steven**; 7 Vose Hill Road, Westford, MA 01886 (US).

(74) **POWSNER, David, J.** et al. / etc.; Nutter, McClennen & Fish, LLP, One International Place, Boston, MA 02110-2699 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G06K 7/00, 13/08**

(11) **WO 00/70532** (13) A1

(21) PCT/EP00/04253

- (22) **11 May/mai 2000 (11.05.2000)**  
(25) en (26) en  
(30) 99/06196 **17 May/mai 1999 FR (17.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • COMPACT ASSEMBLY FOR THE CONNECTION OF A SMART CARD, COMPRISING MEANS FOR EJECTING THE CARD  
• ENSEMBLE COMPACT DE CONNEXION D'UNE CARTE A PUCE, COMPRENANT UN ORGANE D'EJECTION DE CARTE
- (71) **ITT MANUFACTURING ENTERPRISES INC.** [US/US]; Suite 1217, 1105 North Market Street, Wilmington, DE 19801 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BRICAUD, Hervé** [FR/FR]; 166, avenue Eisenhower, F-39100 Dole (FR). **PIZARD, Yves** [FR/FR]; 106, avenue Georges Pompidou, F-39100 Dole (FR).
- (74) **KOHN, Philippe**; Cabinet Philippe Kohn, 30, rue Hoche, F-93500 Pantin (FR).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06K 7/00**  
(11) **WO 00/70533** (13) A1  
(21) PCT/FR00/01300  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) fr (26) fr  
(30) 99/06122 **12 May/mai 1999 FR (12.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PORTABLE MINI-CARD SIZED MODULE READER FOR CONNECTION TO THE PORT OF A PERSONAL COMPUTER  
• LECTEUR PORTATIF DE MODULES AU FORMAT MINI-CARTE POUR UNE CONNEXION A UN PORT D'UN ORDINATEUR PERSONNEL
- (71) **SCHLUMBERGER SYSTEMES** [FR/FR]; 50 Avenue Jean Jaurès, F-92120 Montrouge (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MONTGOMERY, Michael** [US/US]; 906 Nelson Ranch Road, Cedar Park, TX 78613 (US). **SION, Jérôme** [FR/FR]; 27, Rue Saint Louis en l'Île, F-75004 Paris (FR). **PERRIN, Jean-Claude** [FR/FR]; 6, Place du Moustier, F-92210 St Cloud (FR).
- (74) **MACQUET, Christophe**; Schlumberger Systemes, Test & Transactions, 50 Avenue Jean Jaurès, BP 620-12, F-92542 Montrouge Cedex (FR).
- (81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G06K 7/08, 7/016**  
(11) **WO 00/70534** (13) A1  
(21) PCT/CA00/00543  
(22) **11 May/mai 2000 (11.05.2000)**  
(25) en (26) en  
(30) 60/133,843 **12 May/mai 1999 US (12.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MAGNETIC STRIPE READER\_\_\_\_  
• LECTEUR DE CARTE MAGNETIQUE
- (71) **IDERS INC.** [CA/CA]; 600A Clifton Street, Winnipeg, Manitoba R3G 2X6 (CA).  
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- (72, 75) **BROWN, Bradley, Dale** [CA/CA]; 750 John Bruce Road, Winnipeg, Manitoba R3X 1Y2 (CA). **MUKHLI, Shamir, Nizar** [TZ/CA]; 55-2090 Pembina Highway, Winnipeg, Manitoba R3T 2G8 (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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06K 7/10, G06F 3/00, 13/10**  
(11) **WO 00/70535** (13) A1  
(21) PCT/US00/10554  
(22) **19 Apr/avr 2000 (19.04.2000)**  
(25) en (26) en  
(30) 09/310,811 **12 May/mai 1999 US (12.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • OPTICAL SCANNER ADAPTED FOR DIRECT INTERFACING TO A DATA COMMUNICATIONS NETWORK  
• LECTEUR OPTIQUE CONÇU POUR ASSURER UNE INTERFACE DIRECTE AVEC UN RESEAU DE TRANSMISSION DE DONNEES
- (71) **METROLOGIC INSTRUMENTS, INC.** [US/US]; 90 Coles Road, Blackwood, NJ 08012 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) **KOLIS, George** [US/US]; 5037 Jackson Avenue, Pennsauken, NJ 08110 (US). **FURLONG, John** [US/US]; 26 South Child Street, Woodbury, NJ 08096 (US).
- (74) **BARTHOLOMEW, Steven, R.**; Hopgood, Calimafde, Kalil & Judlowe, 60 East 42nd Street, New York, NY 10165 (US).
- (81) AE AL AU BA BB BG BR CA CN CR CU CZ DM EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06K 7/10, G01J 1/58, G21H 3/02, G21K 5/00, F21V 9/16**  
(11) **WO 00/70536** (13) A1  
(21) PCT/US00/13005  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) en (26) en  
(30) 09/311,896 **14 May/mai 1999 US (14.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SPECTRUM ANALYZER FOR READING AUTHENTICATION MARKS  
• ANALYSEUR DE SPECTRE DESTINE A LIRE DES MARQUES D'AUTHENTIFICATION
- (71) **DNA TECHNOLOGIES INC.** [US/US]; Suite 1100, 5777 W. Century Blvd., Los Angeles, CA 90045 (US).
- (72) **OUTWATER, Chris**; 329 Ysidro Road, Santa Barbara, CA 93108 (US). **HELMICK, Mark**; 1368 Camden Lane, Ventura, CA 93001-4034 (US).
- (74) **BLUMENTHAL, David, A.**; Foley & Lardner, Suite 3500, 2029 Century Park East, Los Angeles, CA 90067-3021 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06K 7/10**  
(11) **WO 00/70537** (13) A1  
(21) PCT/US00/13076  
(22) **11 May/mai 2000 (11.05.2000)**  
(25) en (26) en  
(30) 09/311,895 **14 May/mai 1999 US (14.05.1999)**

- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • COMPOSITE AUTHENTICATION MARK AND SYSTEM AND METHOD FOR READING THE SAME  
• MARQUE D'AUTHENTICIFICATION COMPOSITE ET SYSTEME ET PROCEDE POUR LIRE CELLE-CI
- (71) **DNA TECHNOLOGIES, INC.** [US/US]; 5777 W. Century Boulevard, Suite 1100, Los Angeles, CA 90045 (US).
- (72) **OUTWATER, Chris**; 329 San Ysidro Road, Santa Barbara, CA 93108 (US). **HELMICK, Mark**; 1368 Camden Lane, Ventura, CA 93001-4034 (US).
- (74) **BLUMENTHAL, David, A.**; Foley & Lardner, 2029 Century Park East, Suite 3500, Los Angeles, CA 90067 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>6</sup> **G06K 9/00, G06F 13/00, H04L 9/00**
- (11) **WO 00/70539** (13) A1
- (21) PCT/US99/19486
- (22) **26 Aug/août 1999 (26.08.1999)**
- (25) en (26) en
- (30) 09/310,409 **12 May/mai 1999 (12.05.1999)** US
- (30) 09/339,541 **24 Jun/juin 1999 (24.06.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A METHOD FOR INCREASING THE FUNCTIONALITY OF A MEDIA PLAYER/RECORDER DEVICE OR AN APPLICATION PROGRAM  
• AUGMENTATION DE LA FONCTIONNALITE D'UN LECTEUR-ENREGISTREUR DE SUPPORT OU D'UN PROGRAMME D'APPLICATION
- (71) **SIGNAFY, INC.** [US/US]; 4 Independence Way, Princeton, NJ 08540 (US).
- (72) **COX, Ingemar, J.**; 21 Le Parc Drive, Lawrenceville, NJ 08648 (US). **MILLER, Matthew, L.**; 44 Tee-Ar Place, Princeton, NJ 08540 (US).
- (74) **GROLZ, Edward, W.** et al. / etc.; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **G06K 7/10, 7/00**
- (11) **WO 00/70538** (13) A1
- (21) PCT/US00/04968
- (22) **28 Feb/fév 2000 (28.02.2000)**
- (25) en (26) en
- (30) 09/310,792 **12 May/mai 1999 (12.05.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CONTACTLESS CARD AUTOMATIC CHECK-IN CHECK-OUT DEVICE  
• VERIFICATION AUTOMATIQUE DE CARTE SANS CONTACTS DANS UN DISPOSITIF DE VERIFICATION
- (71) **CUBIC CORPORATION** [US/US]; 9333 Balboa Avenue, San Diego, CA 92186 (US).
- (72) **DIXON, Philip, B.**; 7389 Juncus Court, San Diego, CA 92129 (US). **VARNEY, Mark**; 31 Leeds Close, Southwater, Horsham, West Sussex RH13 7XN (GB). **SELCHOW, Sando**; 29 Lynden Gardens, Reigate, Surrey RH2 7HX (GB). **MANLEY, Alan**; 15 Oak Gardens, Shirley, Croydon, Surrey CR0 8ES (GB). **MILLER, Gregory, E.**; 13004 Via Caballo Rojo, San Diego, CA 92129 (US). **PARKER, Andrew**; 19 Valley Road, Welwyn Garden City, Hertfordshire AL8 7OH (GB). **HILTON, Graham, H.**; 6453 Wandermere Drive, San Diego, CA 92120 (US). **MILLER, Paula, M.**; 13004 Via Caballo Rojo, San Diego, CA 92129 (US). **CLAYTON, Peter**; Jonjeeze, Slines Oak Road, Woldingham, Surrey CR3 7IE (GB).
- (74) **MUSICK, Eleanor, M.** et al. / etc.; Brown, Martin, Haller & McClain, 1660 Union Street, San Diego, CA 92101-2926 (US).
- (72, 75) **HAYCOCK, Richard, Glen** [CA/GB]; "Ridgemed" 15 Greenland, Coblham KT11 2NN (GB).
- (74) **CAHOON, Colin, P.**; Carstens Yee & Cahoon, L.L.P., P.O. Box 802334, Dallas, TX 75380 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- 
- Published / Publiée : (a)
- (51)<sup>7</sup> **G06K 9/00**
- (11) **WO 00/70541** (13) A1
- (21) PCT/US00/12960
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/311,789 **13 May/mai 1999 (13.05.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TRANSFORMATION OF DIGITAL IMAGES  
• TRANSFORMATION D'IMAGES NUMERIQUES
- (71) **RESOLUTION SCIENCES CORPORATION** [US/US]; Suite 525, 500 Tamal Plaza, Corte Madera, CA 94925 (US).
- (72) **KERSCHMANN, Russell, L.**; 658 Northern Avenue, Mill Valley, CA 94941 (US). **HENDRICKSON, Andrew**; 180 Collins Street, San Francisco, CA 94118 (US). **HERRERA, Benn, P.**; 204 22nd Avenue, San Francisco, CA 94121 (US).
- (74) **CLARK, Paul, T.**; Clark & Elbing, LLP, 176 Federal Street, Boston, MA 02110-2214 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06K 9/00**
- (11) **WO 00/70542** (13) A1
- (21) PCT/US00/13322
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/311,322 **13 May/mai 1999 (13.05.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PARTIAL OCR NOTE CONFIRMATION METHODS  
• PROCEDES DE VERIFICATION DE BILLET DE BANQUE PAR CARACTERE OPTIQUE PARTIEL
- (71) **CURRENCY SYSTEMS INTERNATIONAL** [US/US]; 6401 Commerce Drive, Irving, TX 75063 (US).  
(for all designated States except / pour tous les États désignés sauf US)

- (30) 09/312,002 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • BIOMETRIC SYSTEM FOR BIOMETRIC INPUT, COMPARISON, AUTHENTICATION AND ACCESS CONTROL AND METHOD THEREFOR
- SYSTEME BIOMETRIQUE POUR COMMANDE D'ENTREE, COMPARAISON, AUTHENTIFICATION ET ACCES BIOMETRIQUES, ET PROCEDE CORRESPONDANT
- (71) **BIOLINK TECHNOLOGIES INTERNATIONAL, INC.** [US/US]; 3949 Commerce Parkway, Miramar, FL 33025-3926 (US).
- (72) **ROZENBERG, Roman**; 90-14 68th Avenue, Forest Hills, NY 11375 (US). **ROZENBERG, Tatyana**; 90-14 68th Avenue, Forest Hills, NY 11375 (US). **NOVIKOV, Sergey Olegovich**; Ac. Kapitsa St., 6, Ap. 73, Moscow 117647 (RU). **KOTENEV, Boris Ivanovich**; Zelenograd, 1103, Ap. 61, Moscow 103460 (RU). **KOPTELOV, Viacheslav Nikolajevch**; Zelenograd, 360, Ap. 11, Moscow 103482 (RU). **KHARON, Jurig Jakovlevich**; Malaja Sukharevskaja Sq., 1, Ap. 142, Moscow 129090 (RU). **MATVEEV, Igor Viadimirovich**; Ac. Pavlo St., 34-31, Moscow 121552 (RU). **VAGABOV, Mukafat Davudogly**; Moscow Boulevard, 11, Ap. 13, Balashikha, Moscow Region 143900 (RU). **CHERNOMORDIK, Oleg Mikhailovich**; Novojasenevskij Prosp., 32-1, Ap. 15, Moscow 117463 (RU).
- (74) **MALLOY, Jennie, S.**; Malloy & Malloy, P.A., 2800 S.W. 3rd Avenue, Historic Coral Way, Miami, FL 33129 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **G06K 9/00**
- (11) **WO 00/70543** (13) A1
- (21) PCT/US00/13323
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/312,002 **14 May/mai 1999** US  
(14.05.1999)
- (30) 09/433,294 **3 Nov/nov 1999** US  
(03.11.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • BIOMETRIC SYSTEM FOR BIOMETRIC INPUT, COMPARISON, AUTHENTICATION AND ACCESS CONTROL AND METHOD THEREFOR
- SYSTEME BIOMETRIQUE POUR COMMANDE D'ENTREE, COMPARAISON, AUTHENTIFICATION ET ACCES BIOMETRIQUES, ET PROCEDE CORRESPONDANT
- (71) **BIOLINK TECHNOLOGIES INTERNATIONAL, INC.** [US/US]; 3949 Commerce Parkway, Miramar, FL 33025-3926 (US).
- (72) **KOPTELOV, Viacheslav Nikolajevch**; Zelenograd, 360, Ap. 11, Moscow 103482 (RU). **NOVIKOV, Sergey Olegovich**; Ac. Kapitsa St., 6, Ap. 73, Moscow 117647 (RU). **KHARON, Jurig Jakovlevich**; Malaja Sukharevskaja Sq., 1 Ap. 142, Moscow 129090 (RU). **VAGABOV, Mukafat Davudogly**; Moscow Boulevard, 11, Ap. 13, Balashikha, Moscow Region, 143900 (RU). **CHERNOMORDIK, Oleg Mikhailovich**; Novojasenevskij Prosp. 32-1, Ap. 15, Moscow, 117463 (RU).
- (74) **MALLOY, Jennie, S.**; Malloy & Malloy, P.A., 2800 S.W. Third Avenue, Historic Coral Way, Miami, FL 33129 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (30) 09/312,002 **14 May/mai 1999** US  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SYSTEME BIOMETRIQUE S'APPLIQUANT A UN PROCEDE ET UNE COMMANDE D'ENTREE, COMPARAISON, AUTHENTIFICATION ET ACCES BIOMETRIQUES
- (71) **BIOLINK TECHNOLOGIES INTERNATIONAL, INC.** [US/US]; 3949 Commerce Parkway, Miramar, FL 33025-3926 (US).
- (72) **KHITSENKO, Nikolai Alexejevich**; 1639-189, Zelenograd, Moscow, 103365 (RU). **KOTENEV, Boris Ivanovich**; 1103-61, Zelenograd, Moscow, 103462 (RU). **MATVEEV, Igor Vladimirovich**; Ac. Pavlo St., 34-31, Moscow, 121552 (RU).
- (74) **MALLOY, Jennie, S.**; Malloy & Malloy, P.A., 2800 S.W. 3rd Avenue, Historic Coral Way, Miami, FL 33129 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **G06K 9/00**
- (11) **WO 00/70544** (13) A1
- (21) PCT/US00/13324
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/312,002 **14 May/mai 1999** US  
(14.05.1999)
- (30) 09/432,234 **3 Nov/nov 1999** US  
(03.11.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • BIOMETRIC SYSTEM FOR BIOMETRIC INPUT, COMPARISON, AUTHENTICATION AND ACCESS CONTROL AND METHOD THEREFOR
- SYSTEME BIOMETRIQUE POUR COMMANDE D'ENTREE, COMPARAISON, AUTHENTIFICATION ET ACCES BIOMETRIQUES, ET PROCEDE CORRESPONDANT
- (71) **BIOLINK TECHNOLOGIES INTERNATIONAL, INC.** [US/US]; 3949 Commerce Parkway, Miramar, FL 33025-3926 (US).
- (72) **ROZENBERG, Roman**; 90-14 68th Avenue, Forest Hills, NY 11375 (US). **ROZENBERG, Tatyana**; 90-14 68th Avenue, Forest Hills, NY 11375 (US).
- (74) **MALLOY, Jennie, S.**; Malloy & Malloy, P.A., 2800 S.W. 3rd Avenue, Historic Coral Way, Miami, FL 33129 (US).



(51)<sup>7</sup> G06K 9/00

(11) WO 00/70546 (13) A1

(21) PCT/US00/13928

(22) 19 May/mai 2000 (19.05.2000)

(25) en (26) en

(30) 60/134,803 19 May/mai 1999 US  
(19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • UNIFIED ANALOG/DIGITAL WA-  
VEFORM SOFTWARE ANALYSIS  
TOOL WITH VIDEO AND AUDIO  
SIGNAL ANALYSIS METHODS• OUTIL D'ANALYSE LOGICIELLE  
UNIFIEE DE SIGNAUX ANALO-  
GIQUES/NUMERIQUES UTILISANT  
DES TECHNIQUES D'ANALYSE DE  
SIGNAUX VIDEO ET AUDIO(71) ADVANCED TESTING TECHNOLO-  
GIES, INC. [US/US]; 110 Ricefield Lane,  
Hauppauge, NY 11788-2088 (US).(72) BIAGIOTTI, William, R.; 7 Wexford  
Court, St. James, NY 11780 (US).(74) ROFFE, Brian; 366 Longacre Avenue,  
Woodmere, NY 11598-2417 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY 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  
SI SK SL TJ TM TR TT TZ UA UG UZ VN  
YU ZA ZW; AP (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 CH  
CY DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE); OA (BF BJ CF CG CI CM GA  
GN GW ML MR NE SN TD TG).(51)<sup>7</sup> G06K 9/20, A61B 5/117

(11) WO 00/70547 (13) A1

(21) PCT/EP00/03849

(22) 28 Apr/avr 2000 (28.04.2000)

(25) de (26) de

(30) 299 08 530.9 16 May/mai 1999 DE  
(16.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DEVICE FOR IDENTIFYING  
PERSONS  
• DISPOSITIF D'IDENTIFICATION DE  
PERSONNES(71) DELSY ELECTRONIC COMPONENTS  
AG [DE/DE]; Am Bahnhof 2, 55765 Birken-  
feld (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) PÖHS, Hans-Jürgen [DE/DE]; Wie-  
sendellstrasse 17, 55743 Idar-Oberstein  
(DE).(74) SÄGER, Manfred; Postfach 63, CH-7014  
Trin (CH).(81) AL AM AT AU AZ BA BB BG BR BY CA  
CH CN CU CZ DE DK 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 MD  
MG MK MN MW MX NO NZ PL PT RO  
RU SD SE SG SI SK SL TJ TM TR TT UA  
UG US UZ VN YU ZW; AP (GH GM KE  
LS MW SD SL SZ TZ UG ZW); EA (AM  
AZ BY KG KZ MD RU TJ TM); EP (AT  
BE CH CY DE DK ES FI FR GB GR IE IT  
LU MC NL PT SE); OA (BF BJ CF CG CI  
CM GA GN GW ML MR NE SN TD TG).(51)<sup>7</sup> G06K 9/40, 9/46, 9/56, G06T 5/00, 5/20

(11) WO 00/70548 (13) A1

(21) PCT/US00/12989

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/134,155 14 May/mai 1999 US  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • IMAGE ARTIFACT REDUCTION  
USING MAXIMUM LIKELIHOOD  
PARAMETER ESTIMATION• REDUCTION DES ARTEFACTS  
IMAGES UTILISANT DES ESTI-  
MATIONS DE PARAMETRES A  
VRAISEMBLANCE MAXIMUM(71) TRUSTEES OF BOSTON UNIVERSITY  
[US/US]; 147 Bay State Road, Boston, MA  
02215 (US).(72) YANG, Seungjoon; 242 Junction Road  
#23, Madison, WI 53717 (US). HU, Yu,  
Hen; 1640 Foxridge Court, Middleton, WI  
53562 (US). NGUYEN, Truong, Quang; 7  
Frothingham Road, Burlington, MA 01803  
(US). TULL, Damon, Lee; 20 Saynor  
Court #44, Madison, WI 53717 (US).(74) GAGNEBIN, Charles, L., III et al. / etc.;  
Weingarten, Schurgin, Gagnebin & Hayes  
LLP, Ten Post Office Square, Boston, MA  
02109 (US).(81) AE AL AM AT AU AZ BA BB BG BR BY  
CA CH CN CR CU CZ DE DK DM 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 NO  
NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG UZ VN YU ZA ZW;  
AP (GH GM KE LS MW SD SL SZ TZ UG  
ZW); EA (AM AZ BY KG KZ MD RU TJ  
TM); EP (AT BE CH CY DE DK ES FI FR  
GB GR IE IT LU MC NL PT SE); OA (BF  
BJ CF CG CI CM GA GN GW ML MR NE  
SN TD TG).(51)<sup>7</sup> G06K 9/66, B07C 3/14

(11) WO 00/70549 (13) A1

(21) PCT/DE00/01038

(22) 4 Apr/avr 2000 (04.04.2000)

(25) de (26) de

(30) 199 21 953.2 12 May/mai 1999 DE  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ADDRESS READING METHOD

• PROCEDE DE LECTURE  
D'ADRESSES(71) SIEMENS AKTIENGESELLSCHAFT  
[DE/DE]; Wittelsbacherplatz 2, D-80333  
München (DE).(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) SCHÜSSLER, Michael [DE/DE]; Ber-  
chenstrasse 27, D-78467 Konstanz (DE).(74) SIEMENS AKTIENGESELLSCHAFT;  
Postfach 22 16 34, D-80506 München (DE).(81) AU CA JP NZ US; EP (AT BE CH CY DE  
DK ES FI FR GB GR IE IT LU MC NL PT  
SE).

Published / Publiée : (c)

(51)<sup>7</sup> G06K 11/12, G02F 1/1335

(11) WO 00/70550 (13) A1

(21) PCT/JP00/03013

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 11/132565 13 May/mai 1999 JP  
(13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • LOW REFLECTION TOUCH PANEL

• ECRAN TACTILE A FAIBLE RE-  
FLEXION(71) NISSHA PRINTING CO., LTD. [JP/JP]; 3,  
Mibu Hanai-cho, Nakagyo-ku, Kyoto-shi,  
Kyoto 604-8551 (JP).(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) TAKAHATA, Kazuhiko [JP/JP]; Nis-  
sha Printing Co., Ltd., 3, Mibu Hanai-cho,  
Nakagyo-ku, Kyoto-shi, Kyoto 604-8551  
(JP). HASHIMOTO, Takao [JP/JP]; Nis-  
sha Printing Co., Ltd., 3, Mibu Hanai-cho,  
Nakagyo-ku, Kyoto-shi, Kyoto 604-8551  
(JP). NISHIKAWA, Kazuhiro [JP/JP]; Nis-  
sha Printing Co., Ltd., 3, Mibu Hanai-cho,  
Nakagyo-ku, Kyoto-shi, Kyoto 604-8551  
(JP).(74) AOYAMA, Tamotsu et al. / etc.; Aoyama  
& Partners, IMP Building, 3-7, Shiromi  
1-chome, Chuo-ku, Osaka-shi, Osaka  
540-0001 (JP).(81) CA CN IN KR SG US; EP (AT BE CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE).(51)<sup>7</sup> G06K 11/18, G06F 3/033

(11) WO 00/70551 (13) A1

(21) PCT/US00/12995

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 09/311,869 14 May/mai 1999 US  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

- (54) ● **STYLUS PEN FOR WRITING ON THE MONITOR**  
● **STYLET PERMETTANT D'ECRIRE SUR LE MONITEUR**
- (71) **CBD TECHNOLOGIES, INC.** [US/US]; 1485 Bent Trail Circle, South Lake, TX 76092 (US).
- (72) **VANNESS, Keith, A.**; 3605 Greenbrier Boulevard, Apt. 86B, Ann Arbor, MI 48105 (US). **VANNESS, George, K.**; 1485 Bent Trail Circle, South Lake, TX 76092 (US). **MARSHALL, William**; 216 Lakeland Drive, Highland Village, TX 75060 (US).
- (74) **GREENFIELD, Steven, R.** et al. / etc.; Jenkins & Gilchrist, P.C., 3200 Fountain Place, 1445 Ross Avenue, Dallas, TX 75202-2799 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **G06K 19/07**  
(11) **WO 00/70552** (13) A1  
(21) PCT/US99/29827  
(22) **15 Dec/déc 1999 (15.12.1999)**  
(25) en (26) en  
(30) 60/134,460 **17 May/mai 1999 US (17.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **PROGRAMMABLE MODULATION INDEX FOR TRANSPONDER**  
● **INDICE DE MODULATION PROGRAMMABLE POUR TRANSPONDEUR**
- (71) **THE GOODYEAR TIRE & RUBBER COMPANY** [US/US]; 1144 East Market Street, Akron, OH 44316-0001 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YONES, Dale, Lee** [US/US]; 5610 Arapahoe Road, Apt. 133, Boulder, CO 80303 (US).
- (74) **COHN, Howard, M.**; c/o Robert W. Brown, Dept. 823, The Goodyear Tire & Rubber Co., 1144 East Market Street, Akron, OH 44309-3531 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06K 19/077, 7/00**  
(11) **WO 00/70553** (13) A1  
(21) PCT/DE00/01460  
(22) **10 May/mai 2000 (10.05.2000)**  
(25) de (26) de  
(30) 199 22 064.6 **14 May/mai 1999 DE (14.05.1999)**  
(30) 199 43 060.8 **9 Sep/sep 1999 DE (09.09.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **CONTACT ARRANGEMENT AND COUNTER-CONTACT MODULE**  
● **AGENCEMENT A CONTACT ET MODULE A CONTACT ANTAGONISTE**
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GROEGER, Klaus-Erwin** [DE/DE]; Soehrer Tor 8, D-31199 Diekholzen (DE).
- (81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **G06K 19/077**  
(11) **WO 00/70554** (13) A1  
(21) PCT/DE00/00900  
(22) **24 Mar/mar 2000 (24.03.2000)**  
(25) de (26) de  
(30) 199 22 063.8 **14 May/mai 1999 DE (14.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **ADAPTER CARD AND COMMUNICATIONS DEVICE**  
● **CARTE DE PERIPHERIQUE ET DISPOSITIF DE COMMUNICATION**
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
- (72) **GROEGER, Klaus-Erwin**; Soehrer Tor 8, D-31199 Diekholzen (DE).
- (81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **G06K 19/077**  
(11) **WO 00/70555** (13) A1  
(21) PCT/FR00/01263  
(22) **11 May/mai 2000 (11.05.2000)**  
(25) fr (26) fr  
(30) 99/06535 **12 May/mai 1999 FR (12.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **METHOD FOR PRODUCING A CONTACTLESS CARD**  
● **PROCEDE DE FABRICATION D'UNE CARTE SANS CONTACT**
- (71) **GEMPLUS** [FR/FR]; Avenue du Pic de Bertagne, Parc d'activités de Gémenos, F-13881 Gémenos (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERTRAND, Pierre** [FR/FR]; "La Caravelle", 13, rue Alexandre Rossat, F-13200 Cassis (FR).
- (74) **NONNENMACHER, Bernard**; Gemplus, Avenue du Pic de Bertagne, Parc d'activités de Gémenos, F-13881 Gémenos (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06N**  
(11) **WO 00/70556** (13) A2  
(21) PCT/US00/13823  
(22) **19 May/mai 2000 (19.05.2000)**  
(25) en (26) en  
(30) 60/134,793 **19 May/mai 1999 US (19.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **A METHOD AND RELATIONAL DATABASE MANAGEMENT SYSTEM FOR STORING, COMPARING, AND DISPLAYING RESULTS PRODUCED BY ANALYSES OF GENE ARRAY DATA**  
● **PROCEDE ET SYSTEME DE GESTION DE BASE DE DONNEES RELATIONNELLE, PERMETTANT DE MEMORISER, COMPARER ET AFFICHER LES RESULTATS PRODUITS PAR DES ANALYSES DE DONNEES D'ENSEMBLES DE GENES**
- (71) **WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH** [US/US]; Nine Cambridge Center, Cambridge, MA 02142 (US).
- (72) **REN, Bing**; 39 Springfield Street, Somerville, MA 02143 (US). **YOUNG, Richard**; 216 Highland Street, Weston, MA 02493 (US). **YOUNG, Peter**; 48 Lowell Street, Somerville, MA 02143 (US).
- (74) **RODRIGUEZ, Michael, A.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06T

(11) WO 00/70557 (13) A2

(21) PCT/US00/13182

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 09/311,787 14 May/mai 1999 US  
(14.05.1999)(30) 09/366,189 3 Aug/août 1999 US  
(03.08.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND APPARATUS FOR REGISTERING LOTS IN A SHARED VIRTUAL WORLD

• PROCEDE ET APPAREIL POUR L'ENREGISTREMENT DE LOTS DANS UN ENVIRONNEMENT VIRTUEL PARTAGE

(71) GRAPHIC GEMS [US/US]; Suite 600, 1850 Gateway Drive, San Mateo, CA 94404 (US).

(72) JIAU, Winifred; 2520 Buena Vista Avenue, Belmont, CA 94002 (US). TOLAR, Robert; 57 Bradford Street, San Francisco, CA 94110 (US).

(74) MAJERUS, Laura, A. et al. / etc.; Fenwick &amp; West LLP, Two Palo Alto Square, Palo Alto, CA 94306 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06T 7/20, B60R 25/00

(11) WO 00/70558 (13) A1

(21) PCT/JP00/03179

(22) 18 May/mai 2000 (18.05.2000)

(25) ja (26) ja

(30) 11/137410 18 May/mai 1999 JP  
(18.05.1999)(30) 11/137411 18 May/mai 1999 JP  
(18.05.1999)(30) 2000/71340 14 Mar/mar 2000 JP  
(14.03.2000)(30) 2000/95825 30 Mar/mar 2000 JP  
(30.03.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DYNAMIC IMAGE PROCESSING METHOD AND DEVICE AND MEDIUM

• PROCEDE ET DISPOSITIF DE TRAITEMENT D'IMAGE DYNAMIQUE ET SUPPORT

(71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihan-hondori 2-chome, Moriguchi City, Osaka 570-8677 (JP).

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

(72, 75) OUE, Yasuhiro [JP/JP]; Sanyo Electric Co., Ltd., 5-5, Keihan-hondori 2-chome, Moriguchi City, Osaka 570-8677 (JP). SUGIMOTO, Kazuhide [JP/JP]; Sanyo Electric Co., Ltd., 5-5, Keihan-hondori 2-chome, Moriguchi City, Osaka 570-8677 (JP).

(74) YOSHIDA, Kenji et al. / etc.; 34-12, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).

(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> G06T 15/00

(11) WO 00/70559 (13) A1

(21) PCT/US00/13174

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 09/311,787 14 May/mai 1999 US  
(14.05.1999)(30) 09/366,174 3 Aug/août 1999 US  
(03.08.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND APPARATUS FOR DISPLAYING DISTANT OBJECTS IN A DISPLAYED SCENE

• PROCEDE ET DISPOSITIF D'AFFICHAGE D'OBJETS DISTANTS DANS UNE SCENE A L'ECRAN

(71) GRAPHIC GEMS [US/US]; Suite 600, 1850 Gateway Drive, San Mateo, CA 94404 (US).

(72) TOLAR, Robert; 57 Bradford Street, San Francisco, CA 94110 (US).

(74) MAJERUS, Laura, A. et al. / etc.; Fenwick &amp; West LLP, Two Palo Alto Square, Palo Alto, CA 94306 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(21) PCT/US00/13188

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 09/311,787 14 May/mai 1999 US  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND APPARATUS FOR A MULTI-OWNER, THREE-DIMENSIONAL VIRTUAL WORLD

• PROCEDE ET DISPOSITIF DESTINE A UN MONDE VIRTUEL, TRIDIMENSIONNEL, MULTIPROPRIETAIRE

(71) GRAPHIC GEMS [US/US]; Suite 600, 1850 Gateway Drive, San Mateo, CA 94404 (US).

(72) JIAU, Winifred; 2520 Buena Vista Avenue, Belmont, CA 94002 (US). TOLAR, Robert; 57 Bradford Street, San Francisco, CA 94110 (US).

(74) MAJERUS, Laura, A. et al. / etc.; Fenwick &amp; West LLP, Two Palo Alto Square, Palo Alto, CA 94306 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06T 15/40

(11) WO 00/70561 (13) A1

(21) PCT/US00/13088

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 09/313,857 18 May/mai 1999 US  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SYSTEM AND METHOD FOR IMPLEMENTING A TWO-LAYER Z-RANGE BUFFER

• SYSTEME ET PROCEDE DE MISE EN OEUVRE SUR DEUX COUCHES D'UN TAMPON POUR DIMENSION Z

(71) S3 INCORPORATED [US/US]; 2801 Misson College Boulevard, Santa Clara, CA 95052-8058 (US).

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

(72, 75) HONG, Mike [CN/US]; 311 Checkers Drive #208, San Jose, CA 95133 (US). CHEN, Lin [CN/US]; 243 Lippert Avenue, Fremont, CA 94539 (US).

(74) CHANG, Josephine, E.; Christie, Parker &amp; Hale, LLP, P.O. Box 7068, 350 W. Colorado Boulevard, Pasadena, CA 91109-7068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G07C 3/00

(11) WO 00/70562 (13) A1

(21) PCT/US00/13353

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 09/312,380 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • TURBOCHARGER FATIGUE LIFE MONITOR

• CONTROLEUR DE RESISTANCE A LA FATIGUE D'UN TURBOCOMPRESSEUR

(71) ALLIEDSIGNAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LARUE, Gerald, Duane [-/US]; 2615 Plaza del Amo #620, Torrance, CA 90503 (US). BAKER, Donald, Ervin [-/US]; 13882 Sherwood, Westminster, CA 92683 (US).

(74) CRISS, Roger, H. et al. / etc.; AlliedSignal Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G07C 9/00

(11) WO 00/70563 (13) A1

(21) PCT/DE99/01463

(22) 14 May/mai 1999 (14.05.1999)

(25) de (26) de

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • AUTHENTICATION FOR SURVEILLANCE DEVICE

• AUTHENTIFICATION DANS DES DISPOSITIFS DE SURVEILLANCE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

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

(72, 75) BOCK, Gerhard [DE/DE]; Frühlingstrasse 19, D-82152 Krailling (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, D-80506 München (DE).

(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> G07F 7/00

(11) WO 00/70564 (13) A1

(21) PCT/DE00/01384

(22) 28 Apr/avr 2000 (28.04.2000)

(25) de (26) de

(30) 199 19 480.7 29 Apr/avr 1999 DE (29.04.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND DEVICE FOR INTERRUPTING THE OPERATION OF A DEVICE AND USE OF SAID METHOD OR SAID DEVICE

• PROCEDE ET DISPOSITIF D'INTERRUPTION DE FONCTIONNEMENT D'UN APPAREIL ET APPLICATION DE CE PROCEDE OU DISPOSITIF

(71, 72) LUBOCH, Uwe [DE/DE]; Wittichenauer Strasse 11, D-02999 Gross Särchen (DE).

(74) PÄTZELT, Peter; Pätzelt-Seltmann-Hofmann, Ammonstrasse 72, D-01067 Dresden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G07F 7/08, G06K 7/10

(11) WO 00/70565 (13) A1

(21) PCT/EP00/04146

(22) 10 May/mai 2000 (10.05.2000)

(25) de (26) de

(30) 199 22 047.6 14 May/mai 1999 DE (14.05.1999)

(30) 199 25 524.5 4 Jun/juin 1999 DE (04.06.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MOBILE DATA ACQUISITION DEVICE FOR PROCESSING DELIVERIES

• APPAREIL PORTATIF D'ENREGISTREMENT DE DONNEES POUR LE TRAITEMENT DE LIVRAISONS

(71) IDENTCOM GMBH [DE/DE]; Boschstrasse 16, D-47533 Kleve (DE).

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

(72, 75) VAN SINDEREN, Johannes [NL/DE]; Eiserner Mann 2, D-47533 Kleve (DE).

(74) COHAUSZ & FLORACK; Kanzlerstrasse 8a, D-40472 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G07F 7/10, G06K 19/07

(11) WO 00/70566 (13) A1

(21) PCT/DE00/01633

(22) 18 May/mai 2000 (18.05.2000)

(25) de (26) de

(30) 299 08 783.2 19 May/mai 1999 DE (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • INPUT DEVICE FOR BUSINESS TRANSACTIONS

• APPAREIL DE SAISIE POUR TRANSACTIONS COMMERCIALES

(71) BROKAT INFOSYSTEMS AG [DE/DE]; Industriestrasse 3, D-70565 Stuttgart (DE).

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

(72, 75) BUGOVICS, Jozsef [DE/DE]; Ringstrasse 33, D-04433 Dölzig (DE).

(74) HAUSSINGEN, Peter; Alte Promenade 47, D-06526 Sangerhausen (DE).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G07F 7/10

(11) WO 00/70567 (13) A1

(21) PCT/US00/13831

(22) 19 May/mai 2000 (19.05.2000)

(25) en (26) en

(30) 60/134,798 19 May/mai 1999 US  
(19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● SYSTEM AND PROCESS FOR CONDUCTING A FINANCIAL TRANSACTION

● SYSTEME ET PROCEDE POUR EFFECTUER UNE TRANSACTION FINANCIERE

(71) MASTERCARD INTERNATIONAL INCORPORATED [US/US]; 2000 Purchase Street, Purchase, NY 10577-2509 (US).

(72) ROUSSOCHATZAKIS, John; 4 Berrybush Lane, Hastings-On-Hudson, NY 10706 (US). CARUK, Christopher, N.; 97 Mary's Mead, Hazlemere, Bucks HP15 7DT (GB).

(74) SCHEINFELD, Robert, C. et al. / etc.; Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G08B 13/12, 13/14

(11) WO 00/70568 (13) A1

(21) PCT/US00/13210

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/134,192 14 May/mai 1999 US  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● ELECTRICAL OUTLET ALARM SYSTEM

● SYSTEME D'ALARME DE SORTIE ELECTRIQUE

(71, 72) WINTON, Betty [US/US]; 3309 67th Street #27, Lubbock, TX 79413 (US).

(74) OSTROLENK, FABER, GERB &amp; SOFFEN, LLP; 1180 Avenue of the Americas, New York, NY 10036 (US).

(81) AL BA BB BG BR CA CN CU CZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08B 13/14

(11) WO 00/70569 (13) A1

(21) PCT/US00/11984

(22) 2 May/mai 2000 (02.05.2000)

(25) en (26) en

(30) 09/312,951 17 May/mai 1999 US  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● OVERMOLDED ELECTRONICS

● COMPOSANTS ELECTRONIQUES SURMOULES

(63) US 09/312,951 (CIP)  
17 May/mai 1999 (17.05.1999)(71) AVID IDENTIFICATION SYSTEMS, INC. [US/US]; Suite 5, 3179 Hamner Avenue, Norco, CA 91760 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOAKUM, Jay [US/US]; Suite 5, 3179 Hamner Avenue, Norco, CA 91760 (US).

(74) ABEL, David, B. et al. / etc.; Graham &amp; James LLP, 14th Floor, 801 S. Figueroa Street, Los Angeles, CA 90017-5554 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08B 21/00, G07C 9/00

(11) WO 00/70570 (13) A1

(21) PCT/US00/14031

(22) 19 May/mai 2000 (19.05.2000)

(25) en (26) en

(30) 09/314,814 19 May/mai 1999 US  
(19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● INFANT AND PARENT MATCHING AND SECURITY SYSTEM AND METHOD

● SYSTEME ET PROCEDE D'APPARIEMENT PARENT/ENFANT

(71) ELPAS NORTH AMERICA, INC. [US/US]; 560 Herndon Parkway, Herndon, VA 21070 (US).

(72) RADOMSKY, Israel; Poaley Zion Street 15, 46242 Herzelia (IL). KATZ, James, L.; 855 Croftridge Lane, Highland Park, IL 60035 (US). YASUR, Shlomo; Drezner Street 12, 69497 Tel Aviv (IL). GRA-CEFFA, Joseph, T.; 1818 North Milwaukee, 2nd floor, Chicago, IL 60622 (US). SIMPSON, Peter, C.; 361 Madisson Avenue, Glencoe, IL 60022 (US).

(74) SITKO, Anthony, G.; Marshall, O'Toole, Gerstein, Murray &amp; Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606-6402 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G08B 23/00, G08C 15/06, 19/04, 19/10, H04M 11/00, C08F 283/04, H04Q 7/28, H01Q 11/12, H04B 15/00, H04K 1/00, H04L 27/30

(11) WO 00/70571 (13) A1

(21) PCT/US00/13697

(22) 17 May/mai 2000 (17.05.2000)

(25) en (26) en

(30) 09/313,132 17 May/mai 1999 US  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● SYSTEM FOR REMOTE DATA COLLECTION

● SYSTEME DE COLLECTE DE DONNEES A DISTANCE

(71) CELLNET DATA SYSTEMS, INC. [US/US]; 125 Shoreway Road, San Carlos, CA 94070 (US).

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

(72, 75) IRVING, Clive, Russell [GB/GB]; 15 Cockle Close, Newton, Cambridgeshire (GB). LUXFORD, Gregory, Vincent [GB/GB]; 2 Doris Street, NewMarket, Suffolk (GB). SUMMERS, Andrew, Gordon [GB/GB]; 6 Hawthorne Road, Stapleford, Cambridge (GB). SMITHERS, Colin, Richard [GB/GB]; 10 Grange Park, Bishop Stortford, Hertfordshire (GB).

(74) EGAN, William, J., III et al. / etc.; Fish &amp; Richardson, P.C., Suite 100, 2200 Sand Hill Road, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08B 25/10, 26/00

(11) WO 00/70572 (13) A1

(21) PCT/US00/13250

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 09/311,014 13 May/mai 1999 US (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • WIRELESS CONTROL NETWORK WITH SCHEDULED TIME SLOTS

• RESEAU DE COMMANDE SANS FIL DANS LEQUEL LES EMISSIONS SE FONT DANS DES TRANCHES DE TEMPS PROGRAMMEES

(71) HONEYWELL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

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

(72, 75) HELGESON, Michael, A. [-/US]; 1615 Blackhawk Hills Road, Eagan, MN 55122 (US).

(74) CRISS, Roger, H. et al. / etc.; Honeywell Inc., Law Dept., Attn: A. Olinger, 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08B 26/00

(11) WO 00/70573 (13) A1

(21) PCT/US00/13278

(22) 15 May/mai 2000 (15.05.2000)

(25) en (26) en

(30) 09/311,092 13 May/mai 1999 US (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • STATE VALIDATION USING BI-DIRECTIONAL WIRELESS LINK

• VALIDATION D'ETAT PAR LIAISON BIDIRECTIONNELLE SANS FIL

(71) HONEYWELL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

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

(72, 75) HELGESON, Michael, A. [-/US]; 1615 Blackhawk Hills Road, Eagan, MN 55122 (US).

(74) CRISS, Roger, H. et al. / etc.; Honeywell Inc., (Law Dept., Attn: A. Olinger), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08C 17/00, 19/16, H04J 11/00, H04B 1/06, H03D 3/18, H03K 9/00

(11) WO 00/70574 (13) A1

(21) PCT/US00/13711

(22) 17 May/mai 2000 (17.05.2000)

(25) en (26) en

(30) 09/312,928 17 May/mai 1999 US (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • RECEIVER CAPABLE OF PARALLEL DEMODULATION OF MESSAGES

• RECEPTEUR CAPABLE DE DEMODULER DES MESSAGES EN PARALLELE

(71) CELLNET DATA SYSTEMS, INC. [US/US]; 125 Shoreway Road, San Carlos, CA 94070 (US).

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

(72, 75) SUMMERS, Andrew, Gordon [GB/GB]; 6 Hawthorne Road, Stapleford, Cambridge (GB). IRVING, Clive, Russell [GB/GB]; 15 Cockle Close, Newton, Cambridgeshire (GB). LUXFORD, Gregory, Vincent [GB/GB]; 2 Doris Street, Newmarket, Suffolk (GB).

(74) EGAN, William, J., III et al. / etc.; Fish & Richardson P.C., Suite 100, 2200 Sand Hill Road, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G08C 17/02, B61L 15/00

(11) WO 00/70575 (13) A1

(21) PCT/EP00/04079

(22) 6 May/mai 2000 (06.05.2000)

(25) de (26) de

(30) 199 22 664.4 18 May/mai 1999 DE (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR PROVIDING ENERGY FOR AT LEAST INDIVIDUAL COMPONENTS OF A DEVICE FOR DIAGNOSING DRIVE COMPONENTS

• PROCEDE D'APPROVISIONNEMENT EN ENERGIE POUR AU MOINS DES COMPOSANTS INDIVIDUELS D'UN DISPOSITIF DE DIAGNOSTIC DE COMPOSANTS D'ENTRAINEMENT

(71) VOITH TURBO GMBH & CO. KG [DE/DE]; Alexanderstrasse 2, D-89522 Heidenheim (DE).

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

(72, 75) TENGLER, Heinz [DE/DE]; Bayersstrasse 11, D-89558 Böhmenkirch (DE).

(74) DR. WEITZEL & PARTNER; Friedensstrasse 10, D-89522 Heidenheim (DE).

(81) AT AU CA CN CZ DK ES FI GB HU IN JP KR NO PL SE SK TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> G08C 19/00, 19/16, G08B 23/00, H04L 27/04, H04B 1/02

(11) WO 00/70576 (13) A1

(21) PCT/US00/13947

(22) 17 May/mai 2000 (17.05.2000)

(25) en (26) en

(30) 09/313,050 17 May/mai 1999 US (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • TRANSMITTER TOLERANT TO CRYSTAL VARIATIONS

• EMETTEUR PEU SENSIBLE AUX VARIATIONS DU CRISTAL

(71) CELLNET DATA SYSTEMS, INC. [US/US]; 125 Shoreway Road, San Carlos, CA 94070 (US).

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

(72, 75) HOULIHANE, Thomas, Sean [GB/GB]; 13 Fulborn Old Drift, Cherry Hinton, Cambridge (GB). SUMMERS, Andrew, Gordon [GB/GB]; 6 Hawthorne Road, Stapleford, Cambridge (GB).

(74) EGAN, William, J., III et al. / etc.; Fish & Richardson, P.C., Suite 100, 2200 Sand Hill Road, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08C 19/12, H04L 17/02, G08C 19/00, G08B 5/22, H04N 5/44, H04B 10/00

(11) WO 00/70577 (13) A1

(21) PCT/US00/13542

(22) 17 May/mai 2000 (17.05.2000)

(25) en (26) en

(30) 60/134,555 17 May/mai 1999 US (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD OF DISPLAYING MANUFACTURER/MODEL CODE AND PROGRAMMABLE UNIVERSAL REMOTE CONTROL EMPLOYING SAME

• PROCEDE D’AFFICHAGE DU CODE CONSTRUCTEUR/MODELE ET TELECOMMANDE UNIVERSELLE PROGRAMMABLE UTILISANT CE PROCEDE

(71) U.S. ELECTRONICS COMPONENTS CORP. [US/US]; 585 North Bicycle Path, Port Jefferson, NY 11776 (US).

(72) VERZULLI, Christopher, J.; 19 Ingrid Road, Setauket, NY 11733 (US).

(74) BARON, Ronald, J. et al. / etc.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syoset, NY 11791 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08C 23/04

(11) WO 00/70578 (13) A1

(21) PCT/EP00/04247

(22) 10 May/mai 2000 (10.05.2000)

(25) en (26) en

(30) PCT/SG99/00040 12 May/mai 1999 SG (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SYSTEM AND METHOD FOR CONTROLLING MULTIPLE HOME ELECTRONICS DEVICES

• SYSTEME ET PROCEDE DE COMMANDE DE PLUSIEURS DISPOSITIFS ELECTRONIQUES GRAND PUBLIC

(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) HOR, Kyle [CA/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). CHAN, Tong, L. [SG/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> G08C 25/00, 25/04, 17/00, G06F 17/40, H04Q 9/00

(11) WO 00/70579 (13) A1

(21) PCT/AU00/00467

(22) 17 May/mai 2000 (17.05.2000)

(25) en (26) en

(30) PQ 0411 17 May/mai 1999 AU (17.05.1999)

(30) PQ 2684 7 Sep/sep 1999 AU (07.09.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MONITORING OF CONTROLLED MOBILE ENVIRONMENTS

• SURVEILLANCE D’UN ENVIRONNEMENT MOBILE A ATMOSPHERE CONTROLEE

(71) SACHCOM PTY LTD [AU/AU]; 14 Rosslyn Street, Bellevue Hill, NSW 2023 (AU).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANTICO, Chris [AU/AU]; 14 Rosslyn Street, Bellevue Hill, NSW 2023 (AU). HENDERSON, Matthew [AU/AU]; 14 Rosslyn Street, Bellevue Hill, NSW 2023 (AU). NEILL, James [AU/AU]; Heron Cove Marina, Queens Parade, West Newport, NSW 2106 (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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08G 1/123

(11) WO 00/70580 (13) A1

(21) PCT/IE00/00062

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 990382 12 May/mai 1999 IE (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A COMMUNICATION SYSTEM  
• SYSTEME DE COMMUNICATION

(71) KNACK INVESTMENTS LIMITED [IE/IE]; Station House, Shankill, County Dublin (IE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) O’CONNOR, Michael [IE/IE]; 21 Avoca Park, Blackrock, County Dublin (IE). THOMPSON, Aubrey [IE/IE]; 14 Adelaide, Strand Road, Sandymount, Dublin 4 (IE).

(74) WELDON, Michael, J. 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08G 5/00

(11) WO 00/70581 (13) A2

(21) PCT/US00/13519

(22) 16 May/mai 2000 (16.05.2000)

(25) en (26) en

(30) 09/314,363 19 May/mai 1999 US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • AUTOMATED AIR-TRAFFIC ADVISORY SYSTEM AND METHOD

• SYSTEME DE SERVICE CONSULTATIF DE CIRCULATION AERIENNE ET PROCEDE

(63) US 09/314,363 (CIP)  
19 May/mai 1999 (19.05.1999)

(71) POTOMAC AVIATION TECHNOLOGY CORP. [US/US]; 10 Newbury Street, Boston, MA 02116 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SIMON, Gary, B. [US/US]; 6 Black Horse Terrace, Winchester, MA 01890 (US). WARTOFSKY, David [US/US]; 10300 Glen Way, Ft. Washington, MD 20744 (US).

- (74) **HOUSTON, J., Grant** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G09B 3/00, 5/04, 7/00**
- (11) **WO 00/70582** (13) A1
- (21) PCT/US00/12686
- (22) **8 May/mai 2000 (08.05.2000)**
- (25) en (26) en
- (30) 60/133,760 **12 May/mai 1999 US (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • INTERACTIVE COMPUTER NETWORKED STUDY AID AND GUIDE  
• AIDE ET GUIDE INTERACTIFS D'ETUDE EN RESEAU INFORMATIQUE
- (71) **BRAINX.COM** [US/US]; 86 Cloverwood Avenue, Newbury Park, CA 91320 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LEWOLT, Bruce** [US/US]; 86 Cloverwood Avenue, Newbury Park, CA 91320 (US).
- (74) **CISLO, Daniel, M.** et al. / etc.; Suite 900, 233 Wilshire Boulevard, Santa Monica, CA 90401 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G09B 5/00, G06F 17/00, G06K 7/00, 9/00, 9/36, 19/06, H04L 9/00**
- (11) **WO 00/70585** (13) A1
- (21) PCT/US00/13333
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/314,648 **19 May/mai 1999 US (19.05.1999)**
- (30) 09/342,688 **29 Jun/juin 1999 US (29.06.1999)**
- (30) 09/342,689 **29 Jun/juin 1999 US (29.06.1999)**
- (30) 09/342,971 **29 Jun/juin 1999 US (29.06.1999)**
- (30) 09/343,101 **29 Jun/juin 1999 US (29.06.1999)**
- (30) 09/343,104 **29 Jun/juin 1999 US (29.06.1999)**
- (30) 60/141,468 **29 Jun/juin 1999 US (29.06.1999)**
- (30) 60/151,586 **30 Aug/août 1999 US (30.08.1999)**
- (30) 60/158,015 **6 Oct/oct 1999 US (06.10.1999)**
- (30) 60/163,332 **3 Nov/nov 1999 US (03.11.1999)**
- (30) 60/164,619 **10 Nov/nov 1999 US (10.11.1999)**
- (30) 09/531,076 **18 Mar/mar 2000 US (18.03.2000)**
- (30) 09/543,125 **5 Apr/avr 2000 US (05.04.2000)**
- (30) 09/547,664 **12 Apr/avr 2000 US (12.04.2000)**
- (30) 09/552,998 **19 Apr/avr 2000 US (19.04.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHODS AND SYSTEMS FOR CONTROLLING COMPUTERS OR LINKING TO INTERNET RESOURCES FROM PHYSICAL AND ELECTRONIC OBJECTS  
• PROCEDES ET SYSTEMES DE CONTROLE D'ORDINATEURS OU DE LIAISON AUX RESSOURCES INTERNET D'OBJETS PHYSIQUES ET ELECTRONIQUES
- 
- (71) **ORDINATE CORPORATION** [US/US]; 1040 Noel Drive, Suite 102, Menlo Park, CA 94025 (US).
- (72) **TOWNSHEND, Brent**; 156 University Drive, Menlo Park, CA 94025 (US).
- (74) **SAMPSON, Matthew, J.**; McDonnell Boehnen Hulbert & Berghoff, 300 S. Wacker Drive, 32nd floor, Chicago, IL 60606 (US).
- SYSTEME D'EDUCATION A SUPPORT INTERACTIF BASE SUR UNE TETE DE RESEAU
- (71, 72) **TAMBE, Mohan** [IN/IN]; Hal 2nd Stage, #3278, 12th Main Road, Bangalore 560 008 (IN).
- (72) **SINGH, Samar, Jit**; F-1, 'The Serenade', 23/5, Benson Cross Road, Bangalore 560 046 (IN). **MENON, Pullat, Devadas**; 3 Pandan Valley #09-303, Chempaka Court, Singapore 579627 (SG).
- (74) **BOAZ, Rani** et al. / etc.; Krishna & Saunrastrri, 74/F, Venus, Worli Sea Face, Mumbai 400 018 (IN).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G09B 19/06, G10L 15/26**
- (11) **WO 00/70584** (13) A1
- (21) PCT/US00/13115
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/311,617 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • AUTOMATED LANGUAGE ASSESSMENT USING SPEECH RECOGNITION MODELING  
• EVALUATION AUTOMATIQUE DU LANGAGE UTILISANT UNE MODELISATION A RECONNAISSANCE VOCALE



(71) **DIGIMARC CORPORATION** [US/US]; Suite 250, 19801 SW 72nd Avenue, Tualatin, OR 97062 (US).

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(72, 75) **RHOADS, Geoffrey, B.** [-/US]; 304 SW Tualatin Loop, West Linn, OR 97068 (US). **RODRIGUEZ, Tony, F.** [-/US]; 3104 NE 31st Avenue, Portland, OR 97212 (US). **DAVIS, Bruce, L.** [-/US]; 15599 Village Drive, Lake Oswego, OR 97034 (US). **CARR, J., Scott** [-/US]; 7814 SW 189th Avenue, Beaverton, OR 97007 (US).

**GROSSI, Brian, J.** [-/US]; 220 Sleeper Avenue, Mountain View, CA 94040 (US).

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**PERRY, Burt, W.** [-/US]; 15344 Provincial Hill Way, Lake Oswego, OR 97035 (US).

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(74) **CONWELL, William, Y.**; Digimarc Corporation, 19801 SW 72nd Avenue, Suite 250, Tualatin, OR 97062 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G09F

(11) **WO 00/70586** (13) A2

(21) PCT/US00/12949

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 60/134,937 **19 May/mai 1999 US (19.05.1999)**

(30) 60/187,094 **6 Mar/mar 2000 US (06.03.2000)**

(30) 60/547,605 **12 Apr/avr 2000 US (12.04.2000)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● TACTIOVISUAL DISTANCE-TO-EXIT EXIT-FINDING SYSTEM

● SYSTEME TACTILE ET VISUEL DE LOCALISATION D'ISSUES ET DE DETERMINATION D'UNE DISTANCE PAR RAPPORT A UNE ISSUE

(71, 72) **HONIGSBAUM, Richard, F.** [US/US]; 245 Passaic Avenue, Apt. A-21, Passaic, NJ 07055 (US).

(74) **PAVANE, Martin, B.**; Cohen, Pontani, Lieberman & Pavane, 551 Fifth Avenue, Suite 1210, New York, NY 10176 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G09F

(11) **WO 00/70587** (13) A2

(21) PCT/US00/13346

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 60/134,878 **19 May/mai 1999 US (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● PERSONAL LUGGAGE IDENTIFICATION SYSTEM AND METHODS FOR USE

● SYSTEME D'IDENTIFICATION PERSONNEL DE BAGAGES ET PROCÉDES D'UTILISATION

(71, 72) **CAPLAN, Frances, J.** [US/US]; 7184 Woodrow Wilson Drive, Los Angeles, CA 90068 (US).

(74) **CULLMAN, Louis, C.**; Oppenheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067-3024 (US).

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

(51)<sup>7</sup> G09F 7/18

(11) **WO 00/70588** (13) A1

(21) PCT/DK99/00268

(22) **17 May/mai 1999 (17.05.1999)**

(25) da (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● SUPPORT DEVICE FOR AN INFORMATION CARRIER

● DISPOSITIF SUPPORT DESTINE A UN SUPPORT D'INFORMATIONS

(71, 72) **TOLBØLL, Hans, Jørgen** [DK/DK]; Mikkeltorg Park 14, DK-2970 Hørsholm (DK). **ERTZEID, Henning** [NO/NO]; Haugbakken 1, N-4550 Farsund (NO).

(74) **RAFFNSØE, Knud, Rosenstand** et al. / etc.; Internationalt Patent-Bureau, Høje Taastrup Boulevard 23, DK-2630 Taastrup (DK).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G09F 7/18, 15/00

(11) **WO 00/70589** (13) A1

(21) PCT/SE00/00985

(22) **18 May/mai 2000 (18.05.2000)**

(25) sv (26) en

(30) 9901795-6 **18 May/mai 1999 SE (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● LARGE-PICTURE FRAME AND A METHOD FOR ARRANGING A PICTURE SHEET IN SUCH A FRAME

● ENCADREMENT D'IMAGES DE GRANDE DIMENSION ET PROCÉDE DE POSITIONNEMENT D'UNE IMAGE DANS UN ENCADREMENT DE CE TYPE

(71) **FRONT FRAME AB** [SE/SE]; Södra Förstadsgatan 2, S-211 43 Malmö (SE).

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(72, 75) **BRUHN, Håkan, Pär-Ola** [SE/SE]; Lilla Tomtegatan 1, S-223 50 Lund (SE).

**NILSSON, Gösta, Ronnie, Conrad** [SE/SE]; Mellangatan 20, S-239 30 Skanör (SE).

(74) **AWAPATENT AB**; P.O. Box 5117, S-200 71 Malmö (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LR LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **G09F 11/02**  
 (11) **WO 00/70590** (13) A1  
 (21) PCT/NZ00/00077  
 (22) **17 May/mai 2000 (17.05.2000)**  
 (25) en (26) en  
 (30) 335794 **17 May/mai 1999 NZ (17.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • ROTATABLE SIGN  
 • ENSEIGNE ROTATIVE
- (71) **CEEMEE SIGNS INTERNATIONAL LIMITED** [NZ/NZ]; 6A Maces Road, Bromley, Christchurch (NZ).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CHAPMAN, Brian, Leslie** [NZ/NZ]; 6A Maces Road, Bromley, Christchurch (NZ). **CHAPMAN, Craig, James** [NZ/NZ]; 6A Maces Road, Bromley, Christchurch (NZ).
- (74) **BENNETT, Michael, Roy** et al. / etc.; West-Walker Bennett, Mobil on the Park, 157 Lambton Quay, Wellington (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **G09F 13/04**  
 (11) **WO 00/70592** (13) A1  
 (21) PCT/US00/06468  
 (22) **9 Mar/mar 2000 (09.03.2000)**  
 (25) en (26) en  
 (30) 09/310,451 **12 May/mai 1999 US (12.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • ILLUMINATED DISPLAY SIGN APPARATUS AND METHOD FOR INSTALLING THE SAME  
 • APPAREIL POUR PANNEAU INDICATEUR D’AFFICHAGE LUMINEUX ET PROCEDE D’INSTALLATION DE CELUI-CI
- (71) **RE-ENERGY, INC.** [US/US]; One Sutter Street, Suite 910, San Francisco, CA 94140 (US).
- (72) **MARSH, Brent**; 1536 Jones Street, San Francisco, CA 94109 (US).
- (74) **SCHNAPF, David**; Suite 3300, Four Embarcadero Center, San Francisco, CA 94111 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G09G 3/20**  
 (11) **WO 00/70594** (13) A1  
 (21) PCT/JP00/03116  
 (22) **15 May/mai 2000 (15.05.2000)**  
 (25) ja (26) ja  
 (30) 11/134321 **14 May/mai 1999 JP (14.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • METHOD FOR DRIVING ELECTROOPTICAL DEVICE, DRIVE CIRCUIT, ELECTROOPTICAL DEVICE, AND ELECTRONIC DEVICE  
 • METHODE DE COMMANDE D’UN DISPOSITIF ELECTRO-OPTIQUE, CIRCUIT DE COMMANDE, DISPOSITIF ELECTRO-OPTIQUE ET DISPOSITIF ELECTRONIQUE
- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-ku, Tokyo 163-0811 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ISHII, Ryo** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-Shi, Nagano 392-8502 (JP). **ITO, Akihiko** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-Shi, Nagano 392-8502 (JP).
- (74) **SUZUKI, Kisaburo** et al. / etc.; Intellectual Property Department, Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-Shi, Nagano 392-8502 (JP).
- (81) CN JP KR US.
- 
- (51)<sup>7</sup> **G09G**  
 (11) **WO 00/70593** (13) A2  
 (21) PCT/KR00/00431  
 (22) **8 May/mai 2000 (08.05.2000)**  
 (25) en (26) en  
 (30) 1999/8094 U **12 May/mai 1999 KR (12.05.1999)**  
 (30) 1999/8095 U **12 May/mai 1999 KR (12.05.1999)**  
 (30) 1999/21471 **9 Jun/juin 1999 KR (09.06.1999)**
- (81) AE AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G09G 3/20, 3/36

(11) WO 00/70595 (13) A1

(21) PCT/US00/13097

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 09/311,893 14 May/mai 1999 US  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A SAFETY TIMER TO PROTECT A  
DISPLAY FROM FAULT CONDITIONS  
• TEMPORISATEUR DE SECURITE  
POUR PROTEGER UN AFFICHEUR  
CONTRE LES SITUATIONS  
D'INCIDENTS(71) COLORADO MICRODISPLAY, INC.  
[US/US]; 2477 55th Street, Suite 201, Boulder,  
CO 80301 (US).(72) MCKNIGHT, Douglas, J.; 4390 Comanche  
Drive, Boulder, CO 80303 (US). BARN-  
HILL, William, S.; 2535 Wharton Court,  
Erie, CO 80516 (US).(74) MILLIKEN, Darren, J. 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  
BY 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 NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG UZ VN  
YU ZA ZW; AP (GH GM KE LS MW SD  
SL SZ TZ UG ZW); EA (AM AZ BY KG  
KZ MD RU TJ TM); EP (AT BE CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE); OA (BF BJ CF CG CI CM GA GN  
GW ML MR NE SN TD TG).(51)<sup>7</sup> G09G 5/00, G06T 1/00

(11) WO 00/70596 (13) A1

(21) PCT/JP00/03156

(22) 17 May/mai 2000 (17.05.2000)

(25) ja (26) ja

(30) 11/135320 17 May/mai 1999 JP  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • IMAGE PROCESSOR AND IMAGE  
DISPLAY  
• PROCESSEUR D'IMAGES ET AFFI-  
CHAGE D'IMAGES(71) SEIKO EPSON CORPORATION [JP/JP];  
4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku,  
Tokyo 163-0811 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) NAGANO, Miki [JP/JP]; Seiko Epson  
Corporation, 3-5, Owa 3-chome, Suwa-shi,  
Nagano 392-8502 (JP).(74) SUZUKI, Kisaburo et al. / etc.; Intellectual  
Property Dept., Seiko Epson Corpora-  
tion, 3-5, Owa 3-chome, Suwa-shi, Nagano  
392-8502 (JP).(81) CN JP KR US; EP (AT BE CH CY DE DK  
ES FI FR GB GR IE IT LU MC NL PT SE).(51)<sup>7</sup> G09G 5/02, 1/16, G06F 3/023

(11) WO 00/70597 (13) A1

(21) PCT/EP00/03795

(22) 25 Apr/avr 2000 (25.04.2000)

(25) en (26) en

(30) 99201476.1 12 May/mai 1999 EP  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • WHITE COLOR SELECTION FOR DIS-  
PLAY ON DISPLAY DEVICE  
• SELECTION DE LA COULEUR  
BLANCHE POUR L'AFFICHAGE  
SUR UN AFFICHEUR(71) KONINKLIJKE PHILIPS ELECTRO-  
NICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).(72) STERKEN, Antoon, J., E.; Prof. Hol-  
stlaan 6, NL-5656 AA Eindhoven (NL).  
LONOCE, Giovanni; Prof. Holstlaan 6,  
NL-5656 AA Eindhoven (NL).(74) STERKEN, Antoon, J., E.; Internatio-  
naal Octrooibureau B.V., Prof. Holstlaan 6,  
NL-5656 AA Eindhoven (NL).(81) JP KR; EP (AT BE CH CY DE DK ES FI  
FR GB GR IE IT LU MC NL PT SE).(51)<sup>7</sup> G09G 5/06, 3/36

(11) WO 00/70598 (13) A1

(21) PCT/US00/12983

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 09/312,196 14 May/mai 1999 US  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A TIME SEQUENTIAL LOOKUP  
TABLE ARRANGEMENT FOR A DIS-  
PLAY• SYSTEME DE TABLES DE CON-  
SULTATION FONCTIONNANT PAR  
SEQUENCES TEMPORELLES DES-  
TINE A UN AFFICHAGE(71) COLORADO MICRODISPLAY, INC.  
[US/US]; 2477 55th Street, Suite 201, Boul-  
der, CO 80301 (US).(72) MCKNIGHT, Douglas, J.; 4390 Comanche  
Drive, Boulder, CO 80303 (US). GORNY,  
Douglas, J.; 6310 Bruntwood Court, Boul-  
der, CO 80303 (US). BOHN, Lowell, F., Jr.;  
565 Ithaca Drive, Boulder, CO 80303 (US).(74) MILLIKEN, Darren, 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  
BY 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 NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG UZ VN  
YU ZA ZW; AP (GH GM KE LS MW SD  
SL SZ TZ UG ZW); EA (AM AZ BY KG  
KZ MD RU TJ TM); EP (AT BE CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE); OA (BF BJ CF CG CI CM GA GN  
GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G10D 3/00

(11) WO 00/70599 (13) A1

(21) PCT/US00/13463

(22) 16 May/mai 2000 (16.05.2000)

(25) en (26) en

(30) 09/312,882 17 May/mai 1999 US  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • STRINGED MUSICAL INSTRUMENT  
• INSTRUMENT MUSICAL A CORDES(71, 72) STEINBERGER, Richard, Ned  
[US/US]; 420 Hill Top Road, Nobleboro,  
ME 04555 (US).(74) NELSON, John, R. 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  
BY 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 NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG UZ VN  
YU ZA ZW; AP (GH GM KE LS MW SD  
SL SZ TZ UG ZW); EA (AM AZ BY KG  
KZ MD RU TJ TM); EP (AT BE CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE); OA (BF BJ CF CG CI CM GA GN  
GW ML MR NE SN TD TG).(51)<sup>7</sup> G10F 1/02, G10G 3/04

(11) WO 00/70600 (13) A1

(21) PCT/US00/11264

(22) 27 Apr/avr 2000 (27.04.2000)

(25) en (26) en

(30) 09/314,862 19 May/mai 1999 US  
(19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MEASURING AND RECORDING MO-  
TION IN MUSICAL KEYBOARD• MESURE ET ENREGISTREMENT DE  
MOUVEMENT DANS UN CLAVIER  
MUSICAL(71) OVERTURE MUSIC SYSTEMS, INC.  
[US/US]; 1671 Hodgenville Road, Elizabe-  
thtown, KY 42701 (US).(72) LEE, Charles, Raymond; 5331 Victory  
Mine Road, Placerville, Ca 95667 (US).

- (74) **HARGIS, Michael, S.** et al. / etc.; King & Schickli, PLLC, Suite 210, 3070 Harrodsburg Road, Lexington, KY 40503 (US).
- (81) AT AU BR CH CN DE DK EE ID IL KP MX NO NZ PT SE SG TR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **G10H 1/36, 7/00**
- (11) **WO 00/70601** (13) A1
- (21) PCT/US00/11920
- (22) **2 May/mai 2000 (02.05.2000)**
- (25) en (26) en
- (30) 09/315,384 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MUSICAL INSTRUMENTS THAT GENERATE NOTES ACCORDING TO SOUNDS AND MANUALLY SELECTED SCALES
- INSTRUMENTS DE MUSIQUE PRODUISANT DES NOTES EN FONCTION DE SONS ET DE GAMMES SÉLECTIONNÉES MANUELLEMENT
- (71) **SCHNEIDER MEDICAL TECHNOLOGIES, INC.** [US/US]; #200-K, 3130 Alpine Road, Portola Valley, CA 94028 (US).
- (72) **SCHNEIDER, Michael, Bret;** #200-K, 3130 Alpine Road, Portola Valley, CA 94028 (US).
- (74) **RITTER, Michael, J.;** Ritter, Van Pelt & Yi LLP, Suite 205, 4906 El Camino Real, Los Altos, CA 94022 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G10L 11/04**
- (11) **WO 00/70602** (13) A1
- (21) PCT/FI00/00445
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) fi (26) en
- (30) 991132 **18 May/mai 1999 FI (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD OF EVALUATING THE RHYTHMICITY OF A DIGITAL SIGNAL COMPOSED OF SAMPLES
- PROCÉDE D'ÉVALUATION DE LA RYTHMICITÉ D'UN SIGNAL NUMÉRIQUE COMPOSÉ D'ÉCHANTILLONS
- (71) **VOXLAB OY** [FI/FI]; Kiviharjuntie 11, FIN-90230 Oulu (FI).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ESKELINEN, Paavo** [FI/FI]; Kastellintie 40, FIN-90230 Oulu (FI).
- (74) **PATENTTITOIMISTO TEKNOPOLIS KOLSTER OY;** c/o Kolster Oy Ab, Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **G10L 15/06**
- (11) **WO 00/70603** (13) A1
- (21) PCT/EP00/04246
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 09/311,333 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • UNSUPERVISED ADAPTATION OF A LARGE VOCABULARY AUTOMATIC SPEECH RECOGNIZER
- ADAPTATION NON DIRIGÉE D'UN SYSTÈME DE RECONNAISSANCE AUTOMATIQUE DE LA PAROLE A GRAND VOCABULAIRE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **ZIMMERMAN, Roger, S.;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **TAJCHMAN, Gary, N.;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BOARDMAN, Ian, S.;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **RAHMEL, Heiko, W.;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **SCHALK, Thomas, B.;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **GÖSSMANN, Klemens;** Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
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- (11) **WO 00/70604** (13) A1
- (21) PCT/US00/09808
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/313,823 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND SYSTEM FOR MEASUREMENT OF SPEECH DISTORTION FROM SAMPLES OF TELEPHONIC VOICE SIGNALS
- PROCÉDE ET SYSTÈME PERMETTANT DE MESURER LES DISTORSIONS SONORES D'ÉCHANTILLONS DE SIGNAUX VOCAUX TELEPHONIQUES
- (71) **MCI WORLDCOM, INC.** [US/US]; Technology Department, 1133 19th Street, N.W., Washington, DC 20036 (US).
- (72) **HARDY, William, C.;** 8712 Lacrosse Drive, Dallas, TX 75231 (US).
- (74) **NEIFELD, Richard, A.** et al. / etc.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Fourth Floor, Crystal Square Five, 1755 Jefferson Davis Highway, Arlington, VA 22202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **G11B**
- (11) **WO 00/70605** (13) A2
- (21) PCT/KR00/00476
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 60/134,549 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DIGITAL IMAGE WATERMARKING METHOD
- PROCÉDE DE FAÇONNAGE EN FILIGRANE D'UNE IMAGE NUMÉRIQUE
- (71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do 442-373 (KR).
- (72) **SHIN, Hyun, Doo;** 510-1302 Mujigae Maeul Cheonggu Apt., 221 Kumi-dong, Bundang-gu, Sungnam-city, Kyungki-do 463-500 (KR).
- (74) **LEE, Young, Pil;** The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu, Seoul 137-073 (KR).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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 (11) **WO 00/70606** (13) A1  
 (21) PCT/CH00/00249  
 (22) **5 May/mai 2000 (05.05.2000)**  
 (25) de (26) de  
 (30) 921/99 **14 May/mai 1999 CH (14.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • METHOD FOR PRODUCING A HYBRID DISK, AND HYBRID DISK  
 • PROCEDE DE PRODUCTION DE DISQUES HYBRIQUES ET DISQUE HYBRIDE  
 (71) **BALZERS AKTIENGESELLSCHAFT** [LI/LI]; FL-9496 Balzers (LI).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **DUBS, Martin** [CH/CH]; Im unteren Stieg, CH-7304 Maienfeld (CH).  
 (74) **TROESCH SCHEIDEGGER WERNER AG**; Siewerdstrasse 95, CH-8050 Zürich (CH).  
 (81) JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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 (11) **WO 00/70607** (13) A1  
 (21) PCT/EP00/03925  
 (22) **2 May/mai 2000 (02.05.2000)**  
 (25) de (26) de  
 (30) 199 21 943.5 **12 May/mai 1999 DE (12.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • SUBSTRATES FOR OPTICAL STORAGE MEDIA  
 • SUBSTRATS POUR MEMOIRES OPTIQUES  
 (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE). **TEI-JIN LTD.** [JP/JP]; 6-7, Minamihommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **WEGE, Volker** [DE/DE]; Bismarckplatz 45, D-47799 Krefeld (DE). **BRUDER, Friedrich-Karl** [DE/DE]; Bodelschwingstr. 20, D-47800 Krefeld (DE). **DUJARDIN, Ralf** [DE/DE]; Brückenstr. 16, D-47877 Willich (DE). **CHEN, Yun** [CN/DE]; Bodelschwingstr. 12, D-47800 Krefeld (DE).  
 (74) **BAYER AKTIENGESELLSCHAFT**; D-51368 Leverkusen (DE).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G11B 7/26, 7/24**  
 (11) **WO 00/70608** (13) A1  
 (21) PCT/JP00/00202  
 (22) **18 Jan/jan 2000 (18.01.2000)**  
 (25) ja (26) ja  
 (30) 11/136432 **17 May/mai 1999 JP (17.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • DISK-LIKE MULTILAYER INFORMATION RECORDING MEDIUM AND PRODUCTION METHOD THEREOF  
 • SUPPORT D'ENREGISTREMENT D'INFORMATIONS MULTICOUCHE DU TYPE DISQUE ET SON PROCEDE DE PRODUCTION  
 (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) **KASHIWAGI, Toshiyuki** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **YAMASAKI, Takeshi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **FURUKI, Motohiro** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **YUKUMOTO, Tomomi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).  
 (74) **KOIKE, Akira** et al. / etc.; No.11 Mori Building, 6-4, Toranomom 2-chome, Minato-ku, Tokyo 105-0001 (JP).  
 (81) AU BR CA CN KR MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).  
 Published / Publiée : (a)
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- (51)<sup>6</sup> **G11B 17/04**  
 (11) **WO 00/70609** (13) A1  
 (21) PCT/JP99/02528  
 (22) **14 May/mai 1999 (14.05.1999)**  
 (25) ja (26) ja  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • DISK APPARATUS  
 • APPAREIL A DISQUE  
 (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) **FUJIWARA, Tatsunori** [JP/JP]; Mitsubishi Denki Engineering Kabushiki Kaisha, 6-2, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).  
 (74) **TAZAWA, Hiroaki** et al. / etc.; 7F, Daito Building, 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
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- (81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>6</sup> **G11B 17/04**  
 (11) **WO 00/70610** (13) A1  
 (21) PCT/JP99/02531  
 (22) **14 May/mai 1999 (14.05.1999)**  
 (25) ja (26) ja  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • DISK APPARATUS  
 • APPAREIL POUR DISQUE  
 (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) **SATO, Masao** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **MICHIMORI, Atsushi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **INATANI, Takeshi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **TAKESHIMA, Masaaki** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).  
 (74) **TAZAWA, Hiroaki** et al. / etc.; Kasumigaseki IHF Building, 4th floor, 5-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).  
 (81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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 (11) **WO 00/70611** (13) A1  
 (21) PCT/JP99/02527  
 (22) **14 May/mai 1999 (14.05.1999)**  
 (25) ja (26) ja  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • DISK APPARATUS  
 • APPAREIL A DISQUE  
 (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) **MUROTANI, Kiichiro** [JP/JP]; Mitsubishi Denki Engineering Kabushiki Kaisha, 6-2, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).  
 (74) **TAZAWA, Hiroaki** et al. / etc.; Daito Building, 7th floor, 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).  
 (81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (51)<sup>6</sup> **G11B 19/02, 21/02**  
 (11) **WO 00/70612** (13) A1  
 (21) PCT/JP99/02530  
 (22) **14 May/mai 1999 (14.05.1999)**  
 (25) ja (26) ja  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **DISK APPARATUS**  
 • **APPAREIL POUR DISQUE**  
 (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) **MORIMOTO, Takao** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).  
 (74) **TAZAWA, Hiroaki** et al. / etc.; 7F, Daito Building, 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).  
 (81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G11B 20/10, H04N 5/937, 5/91, 5/92, 7/025, 7/03**  
 (11) **WO 00/70613** (13) A1  
 (21) PCT/KR99/00513  
 (22) **3 Sep/sep 1999 (03.09.1999)**  
 (25) en (26) en  
 (30) 1999/18124 **19 May/mai 1999 KR (19.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **METHOD FOR CREATING CAPTION-BASED SEARCH INFORMATION OF MOVING PICTURE DATA, SEARCHING MOVING PICTURE DATA BASED ON SUCH INFORMATION, AND REPRODUCTION APPARATUS USING SAID METHOD**  
 • **PROCEDE DE CREATION D'INFORMATIONS DE RECHERCHE DE DONNEES D'IMAGES ANIMEES FONDEES SUR DES LEGENDES, RECHERCHE DE DONNEES D'IMAGES ANIMEES SUR LA BASE DE TELLES INFORMATIONS, ET APPAREIL DE REPRODUCTION UTILISANT CE PROCEDE**  
 (71, 72) **KIM, Kwang, Su** [KR/KR]; 1001, Hyundai Billat, 1495-1, Seocho-dong, Seocho-gu, Seoul 137-070 (KR).  
 (74) **PARK, Lae, Bong**; 4F TLBS B/D 464-1, Kunja-dong, Kwangjin-gu, Seoul 143-150 (KR).  
 (81) AU BR CA CN DE ES GB IN JP RU TR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G11B 20/10**  
 (11) **WO 00/70614** (13) A1  
 (21) PCT/US00/13112
- (22) **11 May/mai 2000 (11.05.2000)**  
 (25) en (26) en  
 (30) 09/312,100 **14 May/mai 1999 US (14.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **A VITERBI DETECTOR**  
 • **DETECTEUR DE VITERBI**  
 (71) **CARNEGIE MELLON UNIVERSITY** [US/US]; 5000 Forbes Avenue, Pittsburgh, PA 15213 (US).  
 (72) **CARLEY, L., Richard**; Glen Mitchell Road, Sewickley, PA 15143 (US). **SRIDHARAN, Srinath**; 7117 Woodhollow Drive, #424, Austin, TX 78731 (US). **ZAYED, Nick, M.**; 5858 Bartlett Street, #3R, Pittsburgh, PA 15217 (US).  
 (74) **MUHA, Robert, A.** et al. / etc.; Kirkpatrick & Lockhart LLP, Henry W. Oliver Building, 535 Smithfield Street, Pittsburgh, PA 15222-2312 (US).  
 (81) CN JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G11B 23/087**  
 (11) **WO 00/70615** (13) A1  
 (21) PCT/JP00/03071  
 (22) **12 May/mai 2000 (12.05.2000)**  
 (25) ja (26) ja  
 (30) 11/134006 **14 May/mai 1999 JP (14.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **MAGNETIC TAPE CASSETTE AND METHOD OF ANTISTATIC TREATMENT OF SHEETS USED THEREFOR**  
 • **CASSETTE A RUBAN MAGNETIQUE ET PROCEDE DE TRAITEMENT ANTISTATIQUE DE FEUILLES UTILISEES POUR CELLE-CI**  
 (71) **FUJI PHOTO FILM CO., LTD.** [JP/JP]; 210, Nakanuma, Minami-ashigara-shi, Kanagawa 250-0193 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **NAKANE, Takano** [JP/JP]; Fuji Photo Film Co., Ltd., 2-12-1, Ogi-cho, Odawara-shi, Kanagawa 250-0001 (JP). **MORITA, Kiyoo** [JP/JP]; Fuji Photo Film Co., Ltd., 2-12-1, Ogi-cho, Odawara-shi, Kanagawa 250-0001 (JP). **HIRAGUCHI, Kazuo** [JP/JP]; Fuji Photo Film Co., Ltd., 2-12-1, Ogi-cho, Odawara-shi, Kanagawa 250-0001 (JP).  
 (74) **WATANABE, Mochitoshi**; Hayakawa-tonakai Building, 3rd floor, 12-5, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101-0032 (JP).  
 (81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G11B 23/087, 23/30, H05K 1/11**  
 (11) **WO 00/70616** (13) A1  
 (21) PCT/JP00/03136
- (22) **16 May/mai 2000 (16.05.2000)**  
 (25) ja (26) ja  
 (30) 11/137406 **18 May/mai 1999 JP (18.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **MAGNETIC TAPE CASSETTE**  
 • **CASSETTE DE BANDE MAGNETIQUE**  
 (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) **HIRAGUCHI, Kazuo** [JP/JP]; Fuji Photo Film Co., Ltd., 12-1, Ogi-cho 2-chome, Odawara-shi, Kanagawa 250-0001 (JP). **ONMORI, Shozo** [JP/JP]; Fuji Photo Film Co., Ltd., 12-1, Ogi-cho 2-chome, Odawara-shi, Kanagawa 250-0001 (JP). **ASHIKAWA, Teruo** [JP/JP]; Fuji Photo Film Co., Ltd., 12-1, Ogi-cho 2-chome, Odawara-shi, Kanagawa 250-0001 (JP). **TAKANO, Atusi** [JP/JP]; Fuji Photo Film Co., Ltd., 12-1, Ogi-cho 2-chome, Odawara-shi, Kanagawa 250-0001 (JP).  
 (74) **OGURI, Shohei** et al. / etc.; Eikoh Patent Office, Ark Mori Building, 28th Floor, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).  
 (81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **G11B 23/50**  
 (11) **WO 00/70617** (13) A1  
 (21) PCT/IB00/00614  
 (22) **10 May/mai 2000 (10.05.2000)**  
 (25) en (26) en  
 (30) 99/3343 **14 May/mai 1999 ZA (14.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **AN OPTICAL STORAGE MEDIUM**  
 • **SUPPORT OPTIQUE**  
 (71, 72) **MATHEE, Jurie** [ZA/ZA]; 12 Verge-sigd, Blende Avenue, Wilropark, 1724 Roo-depoort (ZA). **MATHEE, Casper** [ZA/ZA]; 1 Helenhof, Donegal Road, Kenmare, 1745 Krugersdorp (ZA).  
 (74) **FORBES, Craig, Paul**; Adams & Adams, P O Box 1014, Pretoria 0001 (ZA).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11C 7/00

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(21) PCT/US00/10244

(22) 18 Apr/avr 2000 (18.04.2000)

(25) en (26) en

(30) 09/311,485 13 May/mai 1999 US  
(13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● RECORDING METHOD HAVING  
TEMPORARY BUFFERING● PROCEDE D'ENREGISTREMENT A  
MEMOIRE TAMPON TEMPORAIRE(71) ERICSSON, INC. [US/US]; P.O. Box  
13969, Research Triangle Park, NC 27709  
(US).(72) KIM, Seung, Kil; 108 Chesley Court, Cha-  
pel Hill, NC 27514 (US). RYDBECK, Nils,  
R., C.; 202 Rutherglen, Cary, NC 27511  
(US).(74) OWEN, John, R. et al. / etc.; Coats &  
Bennett, P.L.L.C., P.O. Box 5, Raleigh, NC  
27602 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY 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 NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG UZ VN  
YU ZA ZW; AP (GH GM KE LS MW SD  
SL SZ TZ UG ZW); EA (AM AZ BY KG  
KZ MD RU TJ TM); EP (AT BE CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE); OA (BF BJ CF CG CI CM GA GN  
GW ML MR NE SN TD TG).(51)<sup>7</sup> G11C 7/16, G06K 19/077

(11) WO 00/70619 (13) A1

(21) PCT/DE00/01431

(22) 8 May/mai 2000 (08.05.2000)

(25) de (26) de

(30) 199 22 035.2 12 May/mai 1999 DE  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● DEVICE FOR PLAYING AUDIO  
PLAYS AND/OR MUSIC● DISPOSITIF DE REPRODUCTION  
PERMETTANT D'ECOUTER DES DO-  
CUMENTS AUDIO ET/OU DE LA  
MUSIQUE(71) TRANSONIC INDUSTRIES LTD.  
[CN/CN]; Room 1701-3, 17/F., China  
Aerospace Centre, 143 Hoi Bun Road,  
Kwun Tong, Kowloon, Hong Kong (CN).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) BLUNCK, Maximilian [DE/CN]; Flat  
D, 20/F., Paris Court, Realty Gardens, No.41  
Conduit Road, Hong Kong (CN).(74) UEXKÜLL & STOLBERG; Beselerstrasse  
4, D-22607 Hamburg (DE).(81) AU CN NZ US; EP (AT BE CH CY DE DK  
ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> G11C 8/00

(11) WO 00/70620 (13) A1

(21) PCT/EP00/04285

(22) 11 May/mai 2000 (11.05.2000)

(25) de (26) de

(30) 199 22 155.3 12 May/mai 1999 DE  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● MEMORY ARRAY WITH ADDRESS  
SCRAMBLING● ENSEMBLE MEMOIRE AVEC HA-  
CHAGE DES ADRESSES(71) GIESECKE & DEVRIENT GMBH  
[DE/DE]; Prinzregentenstrasse 159,  
D-81677 München (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) BALDISCHWEILER, Michael  
[DE/DE]; Friedrich-Eckardt-Strasse 60,  
D-81929 München (DE). ECKARDT, Ste-  
fan [DE/DE]; Gustav-Heinemann-Ring 85,  
D-81739 München (DE).(74) KLUNKER, SCHMITT-NILSON,  
HIRSCH; Winzererstrasse 106, D-80797  
München (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY CA CH CN CR CU CZ 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 NO  
NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA  
ZW; AP (GH GM KE LS MW SD SL SZ  
TZ UG ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE CH CY DE DK ES  
FI FR GB GR IE IT LU MC NL PT SE);  
OA (BF BJ CF CG CI CM GA GN GW ML  
MR NE SN TD TG).(51)<sup>6</sup> G11C 11/407

(11) WO 00/70621 (13) A1

(21) PCT/JP99/02504

(22) 14 May/mai 1999 (14.05.1999)

(25) ja (26) ja

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● SEMICONDUCTOR INTEGRATED  
CIRCUIT DEVICE● DISPOSITIF A CIRCUIT INTEGRE A  
SEMI-CONDUCTEURS(71) HITACHI, LTD. [US/US]; 6, Kanda  
Surugadai 4-chome, Chiyoda-ku, Tokyo  
101-8010 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) MIZUNO, Hiroyuki [JP/JP]; Hitachi,  
Ltd., Central Research Laboratory, 280, Hi-  
gashi-koigakubo 1-chome, Kokubunji-shi,  
Tokyo 185-8601 (JP).(74) TAKAHASHI, Akio; Nitto International  
Patent Office, Yusenkyabacho Building,  
9-8, Nihonbashi-kayabacho 2-chome,  
Chuo-ku, Tokyo 103-0025 (JP).(81) CN JP KR SG US; EP (AT BE CH CY DE  
DK ES FI FR GB GR IE IT LU MC NL PT  
SE).(51)<sup>6</sup> G11C 11/41

(11) WO 00/70622 (13) A1

(21) PCT/JP99/02505

(22) 14 May/mai 1999 (14.05.1999)

(25) ja (26) ja

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● STORAGE CIRCUIT

● CIRCUIT DE MEMORISATION

(71) HITACHI, LTD. [JP/JP]; 6, Kanda Suruga-  
dai 4-chome, Chiyoda-ku, Tokyo 101-8010  
(JP).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) TACHIBANA, Suguru [JP/JP]; Hi-  
tachi, Ltd., Central Research Laboratory,  
280, Higashi-koigakubo 1-chome, Ko-  
kubunji-shi, Tokyo 185-8601 (JP). SA-  
SAKI, Katsuro [JP/JP]; Hitachi, Ltd.,  
Central Research Laboratory, 280, Higa-  
shi-koigakubo, 1-chome, Kokubunji-shi,  
Tokyo 185-8601 (JP). ITOU, Kiyoo [JP/JP];  
Hitachi, Ltd., Central Research Laboratory,  
280, Higashi-koigakubo, 1-chome, Ko-  
kubunji-shi, Tokyo 185-8601 (JP). ISHII,  
Tomoyuki [JP/JP]; Hitachi, Ltd., Central Re-  
search Laboratory, 280, Higashi-koigakubo,  
1-chome, Kokubunji-shi, Tokyo 185-8601  
(JP).(74) TAKAHASHI, Akio; Nitto International  
Patent Office, Yusenkyabacho Building,  
9-8, Nihonbashi-Kayabacho 2-chome,  
Chuo-ku, Tokyo 103-0025 (JP).(81) CN JP KR SG US; EP (AT BE CH CY DE  
DK ES FI FR GB GR IE IT LU MC NL PT  
SE).(51)<sup>7</sup> G11C 29/00

(11) WO 00/70623 (13) A1

(21) PCT/GB00/01806

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 9911043.9 12 May/mai 1999 GB  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● MEMORY CIRCUIT

● CIRCUIT DE MEMOIRE

(71) STMICROELECTRONICS LIMITED  
[GB/GB]; 1000 Aztec West, Almondsbury,  
Bristol BS32 4SQ (GB).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) BARNES, William, Bryan [GB/GB];  
17 Saxon Way, Bradley Stoke, Bristol BS32  
4SQ (GB).

- (74) **NEOBARD, William, John** et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).
- (81) GB JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **G21F 5/015**
- (11) **WO 00/70624** (13) A1
- (21) PCT/GB00/01831
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 9910998.5 **13 May/mai 1999 GB (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • RADIOACTIVE MATERIAL CONTAINER
- RECIPIENT POUR MATIERES RADIOACTIVES
- (71) **THE SECRETARY OF STATE FOR DEFENCE** [GB/GB]; Whitehall, London SW1A 2HB (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LOW, Colin, Mark** [GB/GB]; AWE Aldermaston, Reading, Berkshire RG7 4PR (GB). **ERSKINE, Graham, John** [GB/GB]; AWE Aldermaston, Reading, Berkshire RG7 4PR (GB). **AWBERY, Roy, Paul** [GB/GB]; AWE Aldermaston, Reading, Berkshire RG7 4PR (GB). **ALLEN, Martyn, Charles** [GB/GB]; AWE Aldermaston, Reading, Berkshire RG7 4PR (GB).
- (74) **SKELTON, Stephen, Richard**; D/IPR, Formalities Section, Poplar 2, MOD Abbey Wood #19, Bristol BS34 8JH (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01B 7/00, 12/04**
- (11) **WO 00/70625** (13) A1
- (21) PCT/GB00/01757
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 9911307.8 **14 May/mai 1999 GB (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LOW RESISTANCE SURFACE CONDUCTING CONDUCTOR ELECTRIC CABLE
- CABLE ELECTRIQUE CONDUCTEUR EN SURFACE A RESISTANCE FAIBLE
- (71, 72) **MANTOCK, Paul, Lenworth** [GB/GB]; 53 Hindes Road, Harrow, Middlesex HA1 1SQ (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01B 11/06**
- (11) **WO 00/70626** (13) A1
- (21) PCT/JP00/03045
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) ja (26) ja
- (30) 11/132953 **13 May/mai 1999 JP (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • BALANCED TRANSMISSION SHIELDED CABLE
- CABLE BLINDE ASSURANT UNE TRANSMISSION EQUILIBREE
- (71) **J. S. T. MFG. CO., LTD.** [JP/JP]; 4-8, Minamisenba 2-chome, Chuo-ku, Osaka-shi, Osaka 542-0081 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOSAKA, Taiji** [JP/JP]; 2-5-8-802, Tsunashimanishi, Kohoku-ku, Yokohama-shi, Kanagawa 223-0053 (JP). **TAKENOSHITA, Hiroshi** [JP/JP]; 2-12-38-201, Tarumachi, Kohoku-ku, Yokohama-shi, Kanagawa 222-0001 (JP).
- (74) **KAMEI, Hirokatsu**; Ai Association of Patent and Trademark Attorneys, 12F Jyutakukinyukoko-Sumitoseimeiei Bldg., 5-20, Minamihommachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
- (81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H01B 17/26**
- (11) **WO 00/70627** (13) A1
- (21) PCT/GB00/01825
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 9911024.9 **13 May/mai 1999 GB (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ELECTRICAL INSULATOR ASSEMBLIES
- ENSEMBLES D'ISOLATEURS ELECTRIQUES
- (71, 72) **BAILEY, John, Edward, Ferriman** [GB/GB]; B.H.W. Ceramics Ltd., Albany Works, Moorland Road, Burslem, Stoke-on-Trent, Staffordshire ST6 1EB (GB).
- (74) **SALES, Robert, Reginald**; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01F 7/08**
- (11) **WO 00/70628** (13) A1
- (21) PCT/EP00/04272
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) de (26) de
- (30) 199 22 379.3 **14 May/mai 1999 DE (14.05.1999)**
- (30) 100 03 205.2 **26 Jan/jan 2000 DE (26.01.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ELECTROMAGNET
- ELECTRO-AIMANT
- (71) **CONTINENTAL TEVES AG & CO. OHG** [DE/DE]; Guerickestrasse 7, D-60488 Frankfurt (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEISE, Andreas** [DE/DE]; Am Bahnhof 5, D-64546 Mörfelden (DE).
- (74) **CONTINENTAL TEVES AG & CO. OHG**; Guerickestrasse 7, D-60488 Frankfurt (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>6</sup> **H01F 17/00**
- (11) **WO 00/70629** (13) A1
- (21) PCT/JP99/02566
- (22) **18 May/mai 1999 (18.05.1999)**
- (25) ja (26) ja
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • INDUCTOR ELEMENT
- ELEMENT D'INDUCTEUR
- (71) **T.I.F. CO., LTD.** [JP/JP]; 5-6-213, San-no 2-chome, Ohta-ku, Tokyo 143-0023 (JP).  
(for all designated States except / pour tous les États désignés sauf US)



(72, 75) **OKAMOTO, Akira** [JP/JP]; 7-17, Midorigaoka 4-chome, Ageo-shi, Saitama 362-0015 (JP). **IKEDA, Takeshi** [JP/JP]; 5-6-213, San-no 2-chome, Ohta-ku, Tokyo 143-0023 (JP).

(74) **AMAGAI, Masahiko**; Amagai Tokkyo Jimusyo, Kitashinjuku OC Building, 2nd floor, 8-15, Kitashinjuku 1-chome, Shinjuku-ku, Tokyo 169-0074 (JP).

(81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **H01G**

(11) **WO 00/70630** (13) A2

(21) PCT/US00/13765

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/134,901 **19 May/mai 1999** US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • HIGH PERFORMANCE MEMS THIN-FILM TEFLON® ELECTRET MICROPHONE

• MICROPHONES A ELECTRET, A FILM FIN EN TEFLON®, A MEMS, HAUTE PERFORMANCE

(71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Mail Code 201-85, Pasadena, CA 91125 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HSIEH, Wen, Hsuan** [CN/US]; 1201 E. California Boulevard, Caltech 136-93, Pasadena, CA 91125 (US). **TAI, Yu-Chong** [US/US]; 1201 E. California Boulevard, Caltech 136-93, Pasadena, CA 91125 (US).

(74) **PORTER, Timothy, A.**; Fish & Richardson P.C., Suite 100, 2200 Sand Hill Road, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H01H**

(11) **WO 00/70631** (13) A2

(21) PCT/DK00/00227

(22) **4 May/mai 2000 (04.05.2000)**

(25) en (26) en

(30) PA 1999 00685 **17 May/mai 1999** DK (17.05.1999)

(30) PA 1999 00864 **17 Jun/juin 1999** DK (17.06.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A METHOD FOR OVERCURRENT PROTECTION IN A SUPERCONDUCTING CABLE

• PROCEDE DE PROTECTION CONTRE LES SURINTENSITES DANS UN CABLE SUPRACONDUCTEUR, ET CABLE SUPRACONDUCTEUR

(71) **NKT RESEARCH A/S** [DK/DK]; Priorparken 878, DK-2605 Brøndby (DK).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RASMUSSEN, Claus, Nygaard** [DK/DK]; Knivholtvej 16, 1. tv., DK-2720 Vanløse (DK). **NIELSEN, Jørgen, Nygård** [DK/DK]; Lavendelhaven 75, DK-2830 Virum (DK). **ØSTERGAARD, Jens, Jacob** [DK/DK]; C. T. Barfodvej 11, 1. tv., DK-2000 Frederiksberg (DK).

(74) **NKT RESEARCH A/S**; Priorparken 878, DK-2605 Brøndby (DK).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H01H 9/00, 1/66**

(11) **WO 00/70632** (13) A1

(21) PCT/US00/13571

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 09/313,456 **17 May/mai 1999** US (17.05.1999)

(30) 09/534,691 **24 Mar/mar 2000** US (24.03.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • MAGNETIC GUIDE  
• GUIDE MAGNETIQUE

(71) **HERMETIC SWITCH, INC.** [US/US]; 3100 Highway 92 South, Chickasha, OK 73018 (US).

(72) **POSEY, David, Tyler**; 200 St. James Place, Chickasha, OK 73018 (US). **MORGAN, Raymond, Lee**; 608 Rivermont Court, Norman, OK 73072 (US).

(74) **ROBINSON, James, T.**; 222 East Main Street, Norman, OK 73069-1303 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H01H 9/02, 9/04**

(11) **WO 00/70633** (13) A1

(21) PCT/EP00/03983

(22) **4 May/mai 2000 (04.05.2000)**

(25) de (26) de

(30) 199 22 657.1 **18 May/mai 1999** DE (18.05.1999)

(30) 199 61 246.3 **18 Dec/déc 1999** DE (18.12.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DEVICE FOR ACTIVATING AN OPENING MECHANISM AND/OR A CLOSING MECHANISM FOR LOCKABLE MOVING PARTS ON VEHICLES, SUCH AS FLAPS, DOORS OR SIMILAR

• DISPOSITIF D'ACTIVATION D'UN AUXILIAIRE D'OUVERTURE ET/OU D'UN AUXILIAIRE DE FERMETURE DESTINE A DES PARTIES MOBILES VERROUILLABLES DE VEHICULES, TELS DES VOLETS, PORTES ET EQUIVALENT

(71) **HUF HÜLSBECK & FÜRST GMBH & CO.** KG [DE/DE]; Steeger Strasse 17, D-42551 Velbert (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPIES, Wolfgang, Uwe** [DE/DE]; Rathmacher Weg 38, D-42781 Haan (DE).

(74) **MENTZEL, Norbert**; Kleiner Werth 34, D-42275 Wuppertal (DE).

(81) AU BR CN IN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (a)

(51)<sup>7</sup> **H01H 47/22**

(11) **WO 00/70634** (13) A1

(21) PCT/GB00/01742

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 9911162.7 **14 May/mai 1999** GB (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SWITCH  
• COMMUTATEUR

- (71) **DANOR ELECTRONICS LTD.** [GB/GB]; The Progress Works, 132 Station Road, Glenfield, Leicester LE3 8BR (GB). **ALBRIGHT INTERNATIONAL LTD.** [GB/GB]; 125 Red Lion Road, Surbiton, Surrey KT6 7SQ (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PALMER, Norman, Harold, George** [GB/GB]; 2 Clovelly Road, Glenfield, Leicester LE3 8AA (GB). **BEDGGOOD, Nigel** [GB/GB]; Park House, South Molten, Devon EX36 6ED (GB).
- (74) **SPOOR, Brian** et al. / etc.; Lewis & Taylor, 144 New Walk, Leicester LE1 7JA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01H 71/02, 71/08, 73/06, 83/14**
- (11) **WO 00/70635** (13) A1
- (21) PCT/ES00/00174
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) es (26) es
- (30) P 9901017 **14 May/mai 1999 ES (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● HOUSING FOR ELECTRICAL APPARATUS  
● BOITIER POUR APPAREILS ELECTRIQUES
- (71) **POWER CONTROLS IBERICA, S.L.** [ES/ES]; Marqués de Comillas, 1, E-08225 Tarrasa (ES).
- (72) **PERDICES TORRES, María Lourdes**; Calle Sanchidrián, 4-B° I, E-28024 Madrid (ES). **CALLEJA HERNANDEZ, Eduardo**; Calle Miguel González Ollero, n° 14, Navalcarnero, E-Madrid (ES). **ME- DIAVILLA TELLERIA, José Fernando**; Calle Sanjenjo n° 22-1°C, E-28034 Madrid (ES). **GÓMEZ MARTIN, Javier**; Buena- vista, II-Bloque 1 6° B, E-45005 Toledo (ES). **MARTIN CALVACHE, Ramon**; Calle Benito Pérez Galdós, 3-7°B, E-28928 Mostoles (ES).
- (74) **BUCETA FACORRO, Luis**; Bravo Murillo, 219-1°B, E-28020 Madrid (ES).
- (81) HU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 00/70637** (13) A2
- (21) PCT/KR00/00469
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 1999/18147 **19 May/mai 1999 KR (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ELECTRON GUN FOR COLOR CATHODE RAY TUBES  
● CANON A ELECTRONS POUR TUBE CATHODIQUE COULEUR
- (71) **ORION ELECTRIC CO., LTD.** [KR/KR]; 165 Gongdan-dong, Gumi-si, Kyung-sangbuk-do 730-030 (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KWON, Oh, So** [KR/KR]; 265-9 Gongdan-dong, Gumi-si, Kyung-sangbuk-do 730-030 (KR).
- (74) **LEE, Young, et al.** / etc.; 2nd floor, Ssangma Building, 828-23 Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) CN JP MX US VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (22) **12 May/mai 2000 (12.05.2000)**
- (25) fr (26) fr
- (30) 99/06254 **12 May/mai 1999 FR (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD AND DEVICE FOR EXTRACTION OF ELECTRODES IN A VACUUM AND EMISSION CATHODES FOR SAID DEVICE  
● PROCEDE ET DISPOSITIF POUR EXTRAIRE DES ELECTRODES DANS LE VIDE ET CATHODES D'EMISSION POUR UN TEL DISPOSITIF
- (71) **UNIVERSITE CLAUDE BERNARD LYON I** [FR/FR]; 43, boulevard du 11 Novembre 1918, F-69622 Villeurbanne Cedex (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VU THIEN, Binh** [FR/FR]; 19, rue des 3 Pierres, F-69007 Lyon (FR). **DUPIN, Jean-Pierre** [FR/FR]; 8, rue Jules Kumer, F-69100 Villeurbanne (FR). **THEVENARD, Paul** [FR/FR]; 9, rue Guyot, F-69300 Caluire (FR).
- (74) **THIBAUT, Jean-Marc**; Cabinet Beau de Loménie, 51, avenue Jean Jaurès, Boîte postale 7073, F-69301 Lyon Cedex 07 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01J 1/62, 63/04**
- (11) **WO 00/70639** (13) A1
- (21) PCT/US00/12761
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 60/134,061 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● TRANSPARENT BRIDGE ELECTRODES ENCOMPASSING ELECTROLUMINESCENT DISPLAY  
● ELECTRODES DE LIAISON TRANSPARENTES ENTOURANT UN AFFICHAGE ELECTROLUMINESCENT
- (71) **ADD-VISION, INC.** [US/US]; 1305-D Palmetto Avenue, Pacifica, CA 94044 (US).
- (72) **HAYNES, Bryan, D.**; 784 Reina Del Mar, Pacifica, CA 94044 (US).
- (74) **MCPAUL, Georgina, M.** et al. / etc.; Pillsbury Madison & Sutro LLP, 50 Fremont Street, San Francisco, CA 94105 (US).

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(30) 299 08 685.2 17 May/mai 1999 DE (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ELECTRIC LAMP  
• LAMPE ELECTRIQUE

(71) PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH [DE/DE]; Hellabrunner Strasse 1, D-81543 München (DE).

(72) MITTLER, Bodo; Nelkenstr. 5, D-86356 Neusäss (DE).

(74) PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH; Postfach 22 16 34, D-80506 München (DE).

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(51)<sup>7</sup> H01J 7/24

(11) WO 00/70641 (13) A1

(21) PCT/US00/13743

(22) 19 May/mai 2000 (19.05.2000)

(25) en (26) en

(30) 09/314,067 19 May/mai 1999 US (19.05.1999)

(30) 09/442,412 18 Nov/nov 1999 US (18.11.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • VORTEX COOLED LAMP BOX FOR FIBER OPTIC ILLUMINATION SYSTEMS

• CAISSON LUMINEUX A REFROIDISSEMENT PAR VORTEX POUR SYSTEMES LUMINEUX A FIBRES OPTIQUES

(71) OPTIC-TECH INTERNATIONAL CORP. [US/US]; 2601 N.W. 105th Avenue, Miami, FL 33172 (US).

(72) CARUSO, Jack; 7522 Rio Pinar Lakes Boulevard, Orlando, FL 32822 (US).

(74) NEWLAND, Bart, G. et al. / etc.; Rothwell, Figg, Ernst & Manbeck, 555 13th Street N.W., Suite 701 East, Columbia Square, Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW ZW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01J 9/02

(11) WO 00/70642 (13) A1

(21) PCT/JP00/02979

(22) 10 May/mai 2000 (10.05.2000)

(25) ja (26) ja

(30) 11/135316 17 May/mai 1999 JP (17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DISPLAY DEVICE  
• DISPOSITIF D'AFFICHAGE

(71) HITACHI, LTD. [JP/JP]; 6, Kanda surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP). MITSUBISHI CHEMICAL CORPORATION [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAGAWA, Masakazu [JP/JP]; Chuokenkyusho, Hitachi, Ltd., 280, Higashikoigakubo 1-chome, Kokubunji-shi, Tokyo 185-0014 (JP). OKAI, Makoto [JP/JP]; Chuokenkyusho, Hitachi, Ltd., 280, Higashikoigakubo 1-chome, Kokubunji-shi, Tokyo 185-0014 (JP). MIZUTANI, Fumikazu [JP/JP]; Tsukuba Research Center, Mitsubishi Chemical Corporation, 3-1, Chuo 8-chome, Amimachi, Inashiki-gun, Ibaraki 300-0332 (JP). TAKAHA, Hiroshi [JP/JP]; Tsukuba Research Center, Mitsubishi Chemical Corporation, 3-1, Chuo 8-chome, Amimachi, Inashiki-gun, Ibaraki 300-0332 (JP).

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(22) 12 May/mai 2000 (12.05.2000)

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(30) 09/401,174 22 Sep/sep 1999 US (22.09.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • AC PLASMA DISPLAY WITH APERTURED ELECTRODE PATTERNS  
• ECRAN PLASMA C.A. A ELECTRODES AJOURÉES

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kodoma, Kadoma-shi, Osaka 571-8051 (JP).

(only for / seulement pour AT BE CH CN CY DE DK ES FI FR GB GR IE IT JP KR LU MC NL PT SE)

(71) SENIOR, Alan, Murray [GB/GB]; 14 South Square, Gray's Inn, London WC1R 5LX (GB).

(only for / seulement pour MG)

(72) MARCOTTE, Robert, G.; 34 Laura Drive, New Paltz, NY 12561 (US).

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(51)<sup>7</sup> H01J 17/04, 17/49

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(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 09/310,553 12 May/mai 1999 US (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • AC PLASMA DISPLAY WITH DUAL DISCHARGE SITES AND CONTRAST ENHANCEMENT BARS

• ECRAN A PLASMA A COURANT ALTERNATIF A SITE DE DECHARGE DOUBLE ET BARRES D'ACCENTUATION DE CONTRASTE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8051 (JP).

(only for / seulement pour AT BE CH CN CY DE DK ES FI FR GB GR IE IT JP KR LU MC NL PT SE)

(71) SENIOR, Alan, Murray [GB/GB]; 14 South Square, Gray's Inn, London WC1R 5LX (GB).

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- (51)<sup>7</sup> **H01J 35/06**  
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(21) PCT/US00/12920  
(22) **11 May/mai 2000 (11.05.2000)**  
(25) en (26) en  
(30) 09/311,792 **13 May/mai 1999** US  
(13.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) • MINIATURE X-RAY SOURCE AND FLEXIBLE PROBE  
• SOURCE MINIATURISEE DE RAYONS X ET SONDE FLEXIBLE  
(71) **PHOTOELECTRON CORPORATION** [US/US]; 5 Forbes Road - Suite 2, Lexington, MA 02421-7305 (US).  
(72) **DINSMORE, Mark**; 85 Horse Pond Road, Sudbury, MA 01776 (US).  
(74) **LAPPIN, Mark, G.**; McDermott, Will & Emery, 28 State Street, Boston, MA 02109 (US).  
(81) AU CA CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H01J 37/26, G01N 23/22, H01J 37/252, 37/28**  
(11) **WO 00/70646** (13) A1  
(21) PCT/US00/12986  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) en (26) en  
(30) 09/312,271 **14 May/mai 1999** US  
(14.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) • SECONDARY ELECTRON SPECTROSCOPY METHOD AND SYSTEM  
• PROCEDE ET SYSTEME DE SPECTROSCOPIE D'ELECTRONS SECONDAIRES  
(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).  
(72) **SHACHAL, Dov**; Mrnenuha Venaahala 37/25, Rehovor (IL). **DOTAN, Noam**; 9 Hamayan St. Givaataim (IL).  
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(25) en (26) en
- (30) 60/134,071 **13 May/mai 1999** US  
(13.05.1999)  
(30) Not furnished / non communiqué **11 May/mai 2000** US  
(11.05.2000)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) • OPTICAL BENCH FOR LASER DESORPTION/IONIZATION MASS SPECTROMETRY  
• BANC OPTIQUE POUR SPECTROMETRIE DE MASSE PAR DESORPTION/IONISATION LASER  
(71) **CIPHERGEN BIOSYSTEMS, INC.** [US/US]; 490 San Antonio Road, Palo Alto, CA 94306-4636 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) **WEINBERGER, Scot, R.** [US/US]; 657 George Street, Montara, CA 94307 (US). **BRYAN, Raymond, G.** [US/US]; 173 Nottingham Ct., Reno, NV 89511 (US).  
(74) **LEMOND, Kevin, T.** et al. / etc.; Townsend 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01J 49/40**  
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(25) en (26) en  
(30) 60/134,072 **13 May/mai 1999** US  
(13.05.1999)  
(30) Not furnished / non communiqué **11 May/mai 2000** US  
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(43) 23 Nov/nov 2000 (23.11.2000)  
(54) • VARIABLE WIDTH DIGITAL FILTER FOR TIME-OF-FLIGHT MASS SPECTROMETRY  
• FILTRE NUMERIQUE A LARGEUR VARIABLE POUR SPECTROMETRIE DE MASSE DE TEMPS DE VOL  
(71) **CIPHERGEN BIOSYSTEMS, INC.** [US/US]; 490 San Antonio Road, Palo Alto, CA 94306-4636 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) **GAVIN, Edward, J.** [US/US]; 1440 Isabella Street, Santa Clara, CA 95050 (US). **BRAGINSKY, Leonid** [US/US]; 107 Hagen Road, Newton, MA 02459 (US).
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(11) **WO 00/70649** (13) A1  
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(22) **16 May/mai 2000 (16.05.2000)**  
(25) en (26) en  
(30) 09/313,923 **18 May/mai 1999** US  
(18.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) • SYSTEM AND METHOD FOR CALIBRATING TIME-OF-FLIGHT MASS SPECTRA  
• SYSTEME ET PROCEDE D'ETALONNAGE DE SPECTRES DE MASSE A TEMPS DE VOL  
(71) **ADVANCED RESEARCH & TECHNOLOGY INSTITUTE** [US/US]; Suite 100, 1100 Waterway Boulevard, Indianapolis, IN 46202 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) **REILLY, James, P.** [US/US]; 1001 Nota Drive, Bloomington, IN 47401 (US). **CHRISTIAN, Noah, P.** [US/US]; 3000 S. Walnut Street Pike, #4N, Bloomington, IN 47401 (US).  
(74) **MICHAEL, Jeffrey, A.** et al. / etc.; Baker & Daniels, Suite 2700, 300 N. Meridian Street, Indianapolis, IN 46204 (US).  
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- (51)<sup>7</sup> **H01J 61/073**  
(11) **WO 00/70650** (13) A1  
(21) PCT/JP00/03054  
(22) **12 May/mai 2000 (12.05.2000)**

- (25) ja (26) ja
- (30) 11/131839 **12 May/mai 1999** JP  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ELECTRIC-DISCHARGE TUBE  
• TUBE A DECHARGE ELECTRIQUE
- (71) **HAMAMATSU PHOTONICS K.K.** [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka-ken 435-8558 (JP).  
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- (72, 75) **HARADA, Nobuharu** [JP/JP]; Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka-ken 435-8558 (JP). **ISHIHARA, Syoji** [JP/JP]; Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka-ken 435-8558 (JP).
- (74) **HASEGAWA, Yoshiki** et al. / etc.; Soei Patent and Law Firm, Okura-Honkan, 6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (11) **WO 00/70651** (13) A1
- (21) PCT/US00/06688
- (22) **28 Apr/avr 2000 (28.04.2000)**
- (25) en (26) en
- (30) 60/133,885 **12 May/mai 1999** US  
(12.05.1999)
- (30) 60/177,271 **21 Jan/jan 2000** US  
(21.01.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HIGH BRIGHTNESS MICROWAVE LAMP  
• LAMPE A MICRO-ONDES DE HAUTE LUMINOSITE
- (71) **FUSION LIGHTING, INC.** [US/US]; Intellectual Property Dept., 7524 Standish Place, Rockville, MD 20855 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIRKPATRICK, Douglas, A.** [US/US]; 10929 Beach Mill Road, Great Falls, VA 22066 (US). **DOLAN, James, T.** [US/US]; 536 Ellrose Court, Frederick, MD 21702 (US). **MACLENNAN, Donald, A.** [US/US]; 9718 Athletic Way, Gaithersburg, MD 20878 (US). **TURNER, Brian, P.** [US/US]; 10235 Crosscut Way, Damascus, MD 20872 (US). **SIMPSON, James, E.** [US/US]; 8 Cottonwood Court, Gaithersburg, MD 20877 (US).
- (74) **STEINER, Paul, E.**; Fusion Lighting, Inc., 7524 Standish Place, Rockville, MD 20855 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01K 1/14, 1/18, 1/28**
- (11) **WO 00/70652** (13) A1
- (21) PCT/EP00/04403
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 99401198.9 **18 May/mai 1999** EP  
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- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ELECTRIC INCANDESCENT LAMP  
• LAMPE ELECTRIQUE A INCANDESCENCE
- (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) **MICHEL, Jean, P.** [FR/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CLAUDEL, Laurent** [FR/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VOIRPIN, Jean-Marc** [FR/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
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- (81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 00/70653** (13) A1
- (21) PCT/JP00/03009
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) ja (26) ja
- (30) 11/132548 **13 May/mai 1999** JP  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LAMP  
• LAMPE
- (71, 72) **TSUKADA, Nagafumi** [JP/JP]; 1311, Tamaki, Inasato-machi, Nagano-shi, Nagano 380-2214 (JP).
- (74) **WATANUKI, Takao**; CreA Center Bldg., 12-9, Nakagoshō 3-chome, Nagano-shi, Nagano 380-0935 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01L**
- (11) **WO 00/70654** (13) A2
- (21) PCT/DE00/01155
- (22) **13 Apr/avr 2000 (13.04.2000)**
- (25) de (26) de
- (30) 199 22 187.1 **12 May/mai 1999** DE  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LOW-RESISTANCE VDMOS SEMICONDUCTOR COMPONENT  
• COMPOSANT SEMI-CONDUCTEUR VDMOS A FAIBLE RESISTANCE
- (71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, D-81541 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TIHANYI, Jenoe** [DE/DE]; Isarweg 13, D-85551 Kirchheim (DE). **WERNER, Wolfgang** [DE/DE]; Säbenerstrasse 256, D-81545 München (DE).
- (74) **INFINEON TECHNOLOGIES AG**; Zedlitz, Peter, Postfach 22 13 17, D-80503 München (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H01L**
- (11) **WO 00/70655** (13) A2
- (21) PCT/US00/12946
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 09/311,126 **13 May/mai 1999** US  
(13.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • VERY HIGH EFFICIENCY ORGANIC LIGHT EMITTING DEVICES BASED ON ELECTROPHOSPHORESCENCE  
• DISPOSITIFS ELECTROLUMINESCENTS ORGANIQUES A TRES HAUTE PERFORMANCE UTILISANT L'ELECTROPHOSPHORESCENCE

- (71) **THE TRUSTEES OF PRINCETON UNIVERSITY** [US/US]; P.O. Box 36, Princeton, NJ 08544 (US). **THE UNIVERSITY OF SOUTHERN CALIFORNIA** [US/US]; The University of Southern California Park, Los Angeles, CA 90089 (US).
- (72) **BALDO, Marc, A.**; Princeton University, Graduate College, Princeton, NJ 08544 (US). **BURROWS, Paul, E.**; 413 Clarks-ville Road, Princeton Junction, NJ 08550 (US). **FORREST, Stephen, R.**; 148 Hunt Drive, Princeton, NJ 08540 (US). **THOMPSON, Mark, E.**; 4447 Pepper Creek Way, Anaheim, CA 92807 (US). **LA-MANSKY, Sergey**; 112 South Greenwood Boulevard #2, Pasadena, CA 91102 (US).
- (74) **MEAGHER, Thomas, F.** et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01L 21/00**
- (11) **WO 00/70656** (13) A1
- (21) PCT/US00/12705
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 09/312,409 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • APPARATUS AND METHOD FOR DISPENSING PROCESSING FLUID TOWARD A SUBSTRATE SURFACE
- APPAREIL ET PROCEDE DE DISTRIBUTION D'UN FLUIDE DE TRAITEMENT VERS LA SURFACE D'UN SUBSTRAT
- (71) **FSI INTERNATIONAL, INC.** [US/US]; 322 Lake Hazeltine Drive, Chaska, MN 55318-1096 (US).
- (72) **CHRISTENSON, Kurt, K.**; 14917 Crown Drive, Minnetonka, MN 55345 (US). **NELSON, Steven, L.**; 14209 Bellevue Drive, Minnetonka, MN 55345 (US).
- (74) **KAGAN, David, B.** et al. / etc.; Faegre & Benson LLP, 2200 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402 (US).
- (81) CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H01L 21/00, 21/68, C23C 16/458**
- (11) **WO 00/70657** (13) A1
- (21) PCT/US00/13089
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 09/312,909 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CHUCK HAVING PRESSURIZED ZONES OF HEAT TRANSFER GAS
- SUPPORT DE TRANCHE A ZONES SOUS PRESSION DE GAZ DE TRANSFERT DE CHALEUR
- (71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
- (72) **SHAMOUILIAN, Shamouil**; 6536 Little Falls Drive, San Jose, CA 95120 (US). **KHOLODENKO, Arnold**; 1747 Eucalyptus Drive, San Francisco, CA 94132 (US). **SALIMIAN, Siamak**; 958 Gerber Court, Sunnyvale, CA 94087 (US). **NOORBA-KHSH, Hamid**; 281 Tordo Court, Fremont, CA 94539 (US). **QUILES, Efrain**; 3654 Greenlee Drive, #2, San Jose, CA 95117 (US). **GRIMARD, Dennis, S.**; 511 Liberty Pointe, Ann Arbor, MI 48103 (US).
- (74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H01L 21/027, G03F 7/20**
- (11) **WO 00/70660** (13) A1
- (21) PCT/JP00/01642
- (22) **17 Mar/mar 2000 (17.03.2000)**
- (25) ja (26) ja
- (30) 11/137840 **18 May/mai 1999 JP (18.05.1999)**
- (30) 11/324748 **15 Nov/nov 1999 JP (15.11.1999)**
- (30) 11/358204 **16 Dec/déc 1999 JP (16.12.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • EXPOSURE METHOD, ILLUMINATING DEVICE, AND EXPOSURE SYSTEM
- PROCEDE ET DISPOSITIF D'EXPOSITION, ET DISPOSITIF D'ECLAIRAGE
- (71) **NIKON CORPORATION** [JP/JP]; Fuji Building, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NISHI, Kenji** [JP/JP]; Nikon Corporation, Intellectual Property Dept. Fuji Building, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). **TANITSU, Osamu** [JP/JP]; Nikon Corporation, Intellectual Property Dept. Fuji Building, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). **NAKAMURA, Kyoji** [JP/JP]; Nikon Corporation, Intellectual Property Dept. Fuji Building, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).
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- (51)<sup>7</sup> **H01L 21/00, 21/68, C23C 16/458**
- (11) **WO 00/70657** (13) A1
- (21) PCT/US00/13089
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 09/312,909 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CHUCK HAVING PRESSURIZED ZONES OF HEAT TRANSFER GAS
- SUPPORT DE TRANCHE A ZONES SOUS PRESSION DE GAZ DE TRANSFERT DE CHALEUR
- (71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
- (72) **CHEN, Steven, Aihua**; 43241 Livermore Common, Fremont, CA 94539 (US). **HO, Henry**; 6906 Lenwood Way, San Jose, CA 95120 (US). **YANG, Michael, X.**; 5136 Amberwood Drive, Fremont, CA 94555 (US). **PEUSE, Bruce, W.**; 27 Cobblestone Lane, San Carlos, CA 94070 (US). **LITTAU, Karl**; 3278 Bryant Street, Palo Alto, CA 94303 (US). **CHANG, Yu**; 1493 Fields Drive, San Jose, CA 95129 (US).
- (74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H01L 21/00, H01J 37/32**
- (11) **WO 00/70659** (13) A1
- (21) PCT/US00/13976
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 09/315,122 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PLASMA PROCESSING METHODS AND APPARATUS
- PROCEDES ET APPAREIL DE TRAITEMENT AU PLASMA
- (71) **TRUSI TECHNOLOGIES, LLC** [US/US]; 657 N. Pastoria Avenue, Sunnyvale, CA 94086 (US).
- (72) **SINIAGUINE, Oleg**; 1247 Weibel Way, San Jose, CA 95125 (US). **BAGRIY, Igor**; 1220 North Fair Oaks Ave., Apt. 1307, Sunnyvale, CA 94089 (US).
- (74) **SHENKER, Michael** et al. / etc.; Skjerven, Morrill, MacPherson, Franklin & Friel LLP, 25 Metro Drive, Suite 700, San Jose, CA 95110 (US).
- (81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H01L 21/027, G03F 7/20**
- (11) **WO 00/70660** (13) A1
- (21) PCT/JP00/01642
- (22) **17 Mar/mar 2000 (17.03.2000)**
- (25) ja (26) ja
- (30) 11/137840 **18 May/mai 1999 JP (18.05.1999)**
- (30) 11/324748 **15 Nov/nov 1999 JP (15.11.1999)**
- (30) 11/358204 **16 Dec/déc 1999 JP (16.12.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • EXPOSURE METHOD, ILLUMINATING DEVICE, AND EXPOSURE SYSTEM
- PROCEDE ET DISPOSITIF D'EXPOSITION, ET DISPOSITIF D'ECLAIRAGE
- (71) **NIKON CORPORATION** [JP/JP]; Fuji Building, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NISHI, Kenji** [JP/JP]; Nikon Corporation, Intellectual Property Dept. Fuji Building, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). **TANITSU, Osamu** [JP/JP]; Nikon Corporation, Intellectual Property Dept. Fuji Building, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). **NAKAMURA, Kyoji** [JP/JP]; Nikon Corporation, Intellectual Property Dept. Fuji Building, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) **OMORI, Satoshi**; Omori Patent Office, 2075-2-501, Noborito, Tama-ku, Kawasaki-shi, Kanagawa 214-0014 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H01L 21/205, 21/68, C23C 16/00**

(11) **WO 00/70661** (13) A1

(21) PCT/JP00/03164

(22) **17 May/mai 2000 (17.05.2000)**

(25) ja (26) ja

(30) 11/136064 **17 May/mai 1999 JP (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • APPARATUS FOR MANUFACTURING SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURE THEREOF  
• APPAREIL POUR FABRIQUER UN DISPOSITIF A SEMI CONDUCTEUR ET SON PROCEDE DE FABRICATION

(71) **APPLIED MATERIALS INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SAITO, Kazuyoshi** [JP/JP]; Applied Materials Japan, Inc., 14-3, Shinizumi, Narita-shi, Chiba 286-8516 (JP). **TAKAGI, Youji** [JP/JP]; Applied Materials Japan, Inc., 14-3, Shinizumi, Narita-shi, Chiba 286-8516 (JP).

(74) **HASEGAWA, Yoshiki** et al. / etc.; Soei Patent And Law Firm, Okura-Honkan, 6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **H01L 21/205, C23C 16/00, C30B 25/02**

(11) **WO 00/70662** (13) A1

(21) PCT/JP00/03165

(22) **17 May/mai 2000 (17.05.2000)**

(25) ja (26) ja

(30) 11/136067 **17 May/mai 1999 JP (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DEVICE FOR FILM DEPOSITION  
• DISPOSITIF POUR FORMER UN DEPOT D'UN FILM

(71) **APPLIED MATERIALS INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TAKAGI, Youji** [JP/JP]; Applied Materials Japan, Inc., 14-3, Shinizumi, Narita-shi, Chiba 286-8516 (JP). **ARIMA, Seiji** [JP/JP]; Applied Materials Japan, Inc., 14-3, Shinizumi, Narita-shi, Chiba 286-8516 (JP).

(74) **HASEGAWA, Yoshiki** et al. / etc.; Soei Patent and Law Firm, Okura-Honkan, 6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>6</sup> **H01L 21/28, 21/768**

(11) **WO 00/70663** (13) A1

(21) PCT/JP99/02441

(22) **12 May/mai 1999 (12.05.1999)**

(25) ja (26) ja

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE  
• PROCEDE DE FABRICATION D'UN DISPOSITIF SEMI CONDUCTEUR

(71) **ASAHI KASEI MICROSYSTEMS CO., LTD.** [JP/JP]; 24-10, Yoyogi 1-chome, Shibuya-ku, Tokyo 151-0053 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SHIOKAWA, Nagamasa** [JP/JP]; Higashi Asahi Apart 334, 34, Sakurazonocho, Nobeoka-shi, Miyazaki 882-0034 (JP).

(74) **MORI, Tetsuya** et al. / etc.; Nichiei Kokusai Tokkyo Jimusho, Muraki Building, 8th floor, 7, Kanda-Kajicho 3-chome, Chiyoda-ku, Tokyo 101-0045 (JP).

(81) DE KR SG US.

(51)<sup>7</sup> **H01L 21/285, 21/768, 23/532, C23C 14/00**

(11) **WO 00/70664** (13) A1

(21) PCT/DE00/01580

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 557.5 **17 May/mai 1999 DE (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR DEPOSITING A TWO-LAYER DIFFUSION BARRIER  
• PROCEDE POUR LE DEPOT D'UNE BARRIERE DE DIFFUSION BICOUCHE

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, D-81541 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHMIDBAUER, Sven** [DE/DE]; Forststrasse 14, D-01099 Dresden (DE). **RUF, Alexander** [DE/DE]; Scariastrasse 8, D-01177 Dresden (DE).

(74) **INFINEON TECHNOLOGIES AG**; Zedlitz, Peter, Postfach 22 13 17, D-80503 München (DE).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> **H01L 21/304, 21/68**

(11) **WO 00/70665** (13) A2

(21) PCT/IB00/00763

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/134,406 **17 May/mai 1999 US (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • LONG LASTING ANTI-ANGIOGENIC PEPTIDES  
• PEPTIDES ANTIANGIOGENIQUES DURABLES

(71) **CONJUCHEM, INC.** [CA/CA]; 3rd floor, Suite 3950, 225 President Kennedy Avenue West, Montreal, Quebec H2X 3Y8 (CA).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BRIDON, Dominique, P.** [FR/CA]; 243 chemin Cote Ste-Catherine, Outremont, Quebec H2V 2B2 (CA). **RASAMOE-LISOLO, Michele** [MG/CA]; 1111 Mistral Avenue, Apt. 405, Montreal, Quebec H2P 2XS (CA). **THIBAudeau, Karen** [FR/CA]; 4700 Bonavista Street #407, Montreal, Quebec H3W 2L5 (CA). **HUANG, Xicai** [CA/CA]; 153 Denault, Kirkland, Quebec H9J 3X2 (CA). **BELIVEAU, Richard** [CA/CA]; 266 Wilson Avenue, Verdun, Quebec H3E 1L8 (CA).

(74) **BERESKIN & PARR**; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (CA).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H01L 21/304, 21/68**

(11) **WO 00/70666** (13) A1

(21) PCT/JP00/03018

(22) **11 May/mai 2000 (11.05.2000)**

(25) ja (26) ja

(30) 11/134684 **14 May/mai 1999 JP (14.05.1999)**

- (30) 11/285612 **6 Oct/oct 1999** JP  
(06.10.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD AND APPARATUS FOR PROCESSING  
● TECHNIQUE DE TRAITEMENT ET DISPOSITIF CORRESPONDANT
- (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)*
- (72, 75) **SUGIURA, Masahito** [JP/JP]; 203, Gurinshiro T & E, 6-7-28, Honcho 3-chome, Nirasaki-shi, Yamanashi 407-0024 (JP). **SHINRIKI, Hiroshi** [JP/JP]; 2-30-10, Nakaicho, Matsudo-shi, Chiba 270-2242 (JP). **KIRYU, Hideki** [JP/JP]; 122-1-101, Ohsimojo, Shikishimacho, Nakakoma-gun, Yamanashi 400-0126 (JP). **AOYAMA, Shintaro** [JP/JP]; A202, Haitsu Supurimo, 1-28, Yumura 3-chome, Kofu-shi, Yamanashi 400-0073 (JP).
- (74) **KAMEYA, Yoshiaki** et al. / etc.; Shinjuku Akebonobashi Building, 1-12, Sumiyoshicho, Shinjuku-ku, Tokyo 162-0065 (JP).
- (81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)<sup>7</sup> **H01L 21/3065**  
(11) **WO 00/70668** (13) A1  
(21) PCT/JP00/03167  
(22) **17 May/mai 2000 (17.05.2000)**  
(25) ja (26) ja  
(30) 11/136664 **18 May/mai 1999** JP  
(18.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) ● ETCHING END-POINT DETECTING METHOD  
● PROCEDE DE DETECTION DE POINT LIMITE D'ATTAQUE CHIMIQUE  
(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)*  
(72, 75) **SAITO, Susumu** [JP/JP]; 4-12-23, Kokubo, Kofu-shi, Yamanashi 400-0043 (JP). **SAKANO, Shinji** [JP/JP]; 456-3, Ichinomiya, Ichinomiya-cho, Higashiyatsushiro-gun, Yamanashi 405-0056 (JP).  
(74) **SUZUYE, Takehiko** et al. / etc.; Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).  
(81) KR US.
- (30) 11/131324 **12 May/mai 1999** JP  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME, AND ELECTRONIC DEVICE  
● DISPOSITIF A SEMI-CONDUCTEUR, PROCEDE DE FABRICATION ASSOCIE, ET DISPOSITIF ELECTRONIQUE
- (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KIKUCHI, Hiroshi** [JP/JP]; Device Development Center, Hitachi, Ltd., 16-3, Shinmachi 6-chome, Ohme-shi, Tokyo 198-8512 (JP). **KADO, Yoshiyuki** [JP/JP]; Device Development Center, Hitachi, Ltd., 16-3, Shinmachi 6-chome, Ohme-shi, Tokyo 198-8512 (JP). **YOSHIDA, Ikuo** [JP/JP]; Device Development Center, Hitachi, Ltd., 16-3, Shinmachi 6-chome, Ohme-shi, Tokyo 198-8512 (JP).
- (74) **AKITA, Shuki**; Room 201, Fujii Building, 53-3, Nishi-Nippori 6-chome, Arakawa-ku, Tokyo 116-0013 (JP).
- (81) CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (51)<sup>7</sup> **H01L 21/306, B08B 3/10**  
(11) **WO 00/70667** (13) A1  
(21) PCT/US00/12927  
(22) **11 May/mai 2000 (11.05.2000)**  
(25) en (26) en  
(30) 09/312,775 **14 May/mai 1999** US  
(14.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) ● METHOD FOR TREATING A SUBSTRATE WITH HEAT SENSITIVE AGENTS  
● PROCEDE DE TRAITEMENT D'UN SUBSTRAT AVEC DES AGENTS THERMOSENSIBLES  
(71) **FSI INTERNATIONAL, INC.** [US/US]; 322 Lake Hazeltine Drive, Chaska, MN 55318-1096 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) **NELSON, Steven, L.** [-/US]; 14209 Bellevue Drive, Minnetonka, MN 55345 (US). **CHRISTENSON, Kurt, K.** [-/US]; 14917 Crown Drive, Minnetonka, MN 55345 (US).  
(74) **KAGAN, David, B.**; Faegre & Benson LLP, 90 South Seventh Street, 2200 Norwest Center, Minneapolis, MN 55402-3901 (US) et al. / etc.  
(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)<sup>7</sup> **H01L 21/308, 21/311**  
(11) **WO 00/70669** (13) A1  
(21) PCT/US00/10918  
(22) **20 Apr/avr 2000 (20.04.2000)**  
(25) en (26) en  
(30) 09/314,358 **19 May/mai 1999** US  
(19.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) ● DIFFERENTIAL TRENCH OPEN PROCESS  
● PROCEDE DE FORMATION DE TRANCHEES DIFFERENTIELLES  
(71) **INFINEON TECHNOLOGIES NORTH AMERICA CORP.** [US/US]; 1730 North First Street, San Jose, CA 95112-6000 (US).  
(72) **LEE, Brian, S.**; 425 E. 76th St. #10-D, New York, NY 10021 (US).  
(74) **PASCHBURG, Donald, B.** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).  
(81) CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- (51)<sup>7</sup> **H01L 21/60**  
(11) **WO 00/70670** (13) A1  
(21) PCT/JP00/03068  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) ja (26) ja
- (51)<sup>7</sup> **H01L 21/60, 23/31**  
(11) **WO 00/70671** (13) A1  
(21) PCT/SE00/00977  
(22) **17 May/mai 2000 (17.05.2000)**  
(25) en (26) en  
(30) 9901781-6 **17 May/mai 1999** SE  
(17.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) ● MOUNTING ARRANGEMENT FOR A SEMICONDUCTOR ELEMENT  
● SYSTEME DE MONTAGE D'UN ELEMENT SEMI-CONDUCTEUR  
(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).  
(72) **BERGSTEDT, Leif**; Allmänna vägen 6, S-518 40 Sjömarken (SE). **BOUSTEDT, Katarina**; Nordtångsvägen 26, S-423 63 Torslanda (SE).  
(74) **ANDERSSON, Per** et al. / etc.; Albihns Patentbyrå Göteborg AB, P.O. Box 142, S-401 22 Göteborg (SE).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H01L 21/768, 23/528

(11) WO 00/70672 (13) A1

(21) PCT/DE00/01409

(22) 4 May/mai 2000 (04.05.2000)

(25) de (26) de

(30) 199 22 789.6 18 May/mai 1999 DE (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CREATION OF A CORNER OF AN ELECTRIC STRIP CONDUCTOR, IN PARTICULAR, CONSISTING OF COPPER, WHICH HAS BEEN PRODUCED BY DAMASCENE WORK ON A SUBSTRATE

• REALISATION D'UN ANGLE D'UNE PISTE CONDUCTRICE ELECTRIQUE, EN PARTICULIER EN CUIVRE, PRODUITE PAR DAMASQUINAGE SUR UN SUBSTRAT

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Strasse 53, D-81541 München (DE).  
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(72, 75) HÜBNER, Holger [DE/DE]; Hamsterweg 10, D-85598 Baldham (DE).

(74) INFINEON TECHNOLOGIES; Zedlitz, Peter, Postfach 22 13 17, D-80503 München (DE).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> H01L 21/768, 21/334, 21/8242

(11) WO 00/70673 (13) A1

(21) PCT/US00/10075

(22) 14 Apr/avr 2000 (14.04.2000)

(25) en (26) en

(30) 09/315,089 19 May/mai 1999 US (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • TUNGSTEN-FILLED DEEP TRENCHES  
• TRANCHÉES PROFONDES A REMPLISSAGE DE TUNGSTENE

(71) INFINEON TECHNOLOGIES NORTH AMERICA CORP. [US/US]; 1730 North First Street, San Jose, CA 95112-6000 (US).

(72) HOINKIS, Marc, D.; 37 Spruce Ridge Drive, Fishkill, NY 12524 (US).

(74) BRADEN, Stanton, C. et al. / etc.; Siemens Corporation, Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).

(81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> H01L 21/8242, 21/02

(11) WO 00/70674 (13) A1

(21) PCT/DE00/01405

(22) 4 May/mai 2000 (04.05.2000)

(25) de (26) de

(30) 199 22 180.4 12 May/mai 1999 DE (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CAPACITOR FOR A SEMICONDUCTOR ARRANGEMENT AND METHOD FOR PRODUCING A DIELECTRIC LAYER FOR THE CAPACITOR

• CONDENSATEUR POUR DISPOSITIF SEMI-CONDUCTEUR ET PROCEDE D'OBTENTION D'UNE COUCHE DIELECTRIQUE POUR CE CONDENSATEUR

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Strasse 53, D-81541 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)(72, 75) HANEDER, Thomas, Peter [DE/DE]; Görzer Strasse 96, D-81549 München (DE).  
REISINGER, Hans [DE/DE]; Eibseestrasse 14, D-82031 Grünwald (DE).  
STENGL, Reinhard [DE/DE]; Bergstrasse 3, D-86391 Stadlbergen (DE).  
BACHHOFER, Harald [DE/DE]; Brahmstrasse 15, D-81677 München (DE).  
HÖNLEIN, Wolfgang [DE/DE]; Parkstrasse 8A, D-82008 Untertaching (DE).

(74) INFINEON TECHNOLOGIES AG; Zedlitz, Peter, Postfach 22 13 17, D-80503 München (DE).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>6</sup> H01L 21/8247, 29/788, 29/792, 27/115

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(21) PCT/JP99/02503

(22) 14 May/mai 1999 (14.05.1999)

(25) ja (26) ja

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SEMICONDUCTOR MEMORY DEVICE  
• DISPOSITIF MEMOIRE A SEMI-CONDUCTEURS(71) HITACHI, LTD. [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).  
(for all designated States except / pour tous les États désignés sauf US)(72, 75) KATAYAMA, Kouzou [JP/JP]; Hitachi, Ltd., Central Research Laboratory, 280, Higashi-koigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP).  
HISAMOTO, Dai [JP/JP]; Hitachi, Ltd., Central Research Laboratory, 280, Higashi-koigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP).

(74) TAKAHASHI, Akio; Nitto International Patent Office, Yusenkayabacho Building, 9-8, Nihonbashi-kayabacho 2-chome, Chuo-ku, Tokyo 103-0025 (JP).

(81) CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> H01L 23/02, H01R 9/00, H05K 7/02

(11) WO 00/70676 (13) A1

(21) PCT/US00/13077

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 60/134,656 18 May/mai 1999 US (18.05.1999)

(30) 60/136,917 1 Jun/juin 1999 US (01.06.1999)

(30) 60/141,344 28 Jun/juin 1999 US (28.06.1999)

(30) 60/150,437 24 Aug/août 1999 US (24.08.1999)

(30) 60/150,869 26 Aug/août 1999 US (26.08.1999)

(30) 09/524,148 14 Mar/mar 2000 US (14.03.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • HIGH-DENSITY ELECTRONIC PACKAGING, AND METHOD FOR MAKING SAME

• BOITIER ELECTRONIQUE HAUTE DENSITE ET SON PROCEDE DE FABRICATION

(71) AMERASIA INTERNATIONAL TECHNOLOGY, INC. [US/US]; 70 Washington Road, Princeton Junction, NJ 08550 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHUNG, Kevin, Kwong-Tai [US/US]; 116 Wilson Road, Princeton, NJ 08540 (US).

(74) BERARD, Clement, A. et al. / etc.; Dann, Dorfman, Herrell and Skillman, P.C., 1601 Market Street, Suite 720, Philadelphia, PA 19103-2307 (US).

(81) CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> H01L 23/12

(11) WO 00/70677 (13) A1

(21) PCT/JP00/03051

(22) 12 May/mai 2000 (12.05.2000)

(25) ja (26) ja

(30) 11/133426 14 May/mai 1999 JP (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SEMICONDUCTOR DEVICE, METHOD OF MANUFACTURE THEREOF, CIRCUIT BOARD, AND ELECTRONIC DEVICE

• APPAREIL SEMI-CONDUCTEUR, SON PROCEDE DE FABRICATION, CARTE A CIRCUIT IMPRIME ET APPAREIL ELECTRONIQUE

- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HASHIMOTO, Nobuaki** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).
- (74) **INOUE, Hajime** et al. / etc.; Ogikubo TM Building, 2nd Floor 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (JP).
- (81) CN JP KR SG US.
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- (51)<sup>6</sup> **H01L 23/28, 23/48, 23/52, 29/40, 23/29**
- (11) **WO 00/70678** (13) A1
- (21) PCT/US99/10771
- (22) **14 May/mai 1999 (14.05.1999)**
- (25) en (26) en
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **CHIP PACKAGE WITH MOLDED UNDERFILL**  
● **BOITIER DE MICROCIRCUIT A COMPLEMENT MOULE**
- (71) **HESTIA TECHNOLOGIES, INC.** [US/US]; 3500-B Thomas Road, Santa Clara, CA 95054 (US).
- (72) **WEBER, Patrick, O.**; 3612 Cuen Court, San Jose, CA 95136 (US).
- (74) **KREBS, Robert, E.**; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).
- (81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H01L 23/373**
- (11) **WO 00/70679** (13) A1
- (21) PCT/SE00/01008
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 9901831-9 **19 May/mai 1999 SE (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **CARRIER FOR ELECTRONIC COMPONENTS AND A METHOD FOR MANUFACTURING A CARRIER**  
● **SUPPORT DE COMPOSANTS ELECTRONIQUES ET PROCEDE DE PRODUCTION DE CE SUPPORT**
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **BERGSTEDT, Leif**; Allmännavägen 6, S-518 41 Sjömarken (SE). **LIGANDER, Per**; Blåsutgatan 17, S-414 56 Göteborg (SE).
- (74) **GÖTEBORGS PATENTBYRÅ DAHLS AB**; Sjöporten 4, S-417 64 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01L 23/48, 23/52, 29/40, 21/44**
- (11) **WO 00/70680** (13) A1
- (21) PCT/US99/28785
- (22) **7 Dec/déc 1999 (07.12.1999)**
- (25) en (26) en
- (30) 09/310,875 **12 May/mai 1999 US (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **METHODS AND COMPOSITIONS FOR IMPROVING INTERCONNECT METALLIZATION PERFORMANCE IN INTEGRATED CIRCUITS**  
● **PROCEDES ET COMPOSITIONS POUR AMELIORER LES PERFORMANCES DE LA METALLISATION D'INTERCONNEXION DANS DES CIRCUITS INTEGRES**
- (71) **VLSI TECHNOLOGY, INC.** [US/US]; Philips Silicon Valley Center, 1000 West Maude Avenue, Sunnyvale, CA 94086-2818 (US).
- (72) **SENGUPTA, Samit, S.**; 259 N. Capitol Avenue, #281, San Jose, CA 95127 (US).
- (74) **PENILLA, Albert, S.**; Martine Penilla & Kim, LLP, Suite 170, 710 Lakeway Drive, Sunnyvale, CA 94086 (US).
- (81) CN DE GB JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H01L 23/62**
- (11) **WO 00/70681** (13) A1
- (21) PCT/SE00/00943
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 9901771-7 **17 May/mai 1999 SE (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **IMPROVED RF POWER TRANSISTOR**  
● **TRANSISTOR DE PUISSANCE RF AMELIORE**
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **BERGSTEDT, Leif**; Allmännavägen 6, S-518 41 Sjömarken (SE). **LIGANDER, Per**; Blåsutgatan 17, S-414 56 Göteborg (SE).
- (74) **GÖTEBORGS PATENTBYRÅ DAHLS AB**; Sjöporten 4, S-417 64 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>6</sup> **H01L 27/108, G11C 11/405, 11/402**
- (11) **WO 00/70682** (13) A1
- (21) PCT/JP99/02519
- (22) **14 May/mai 1999 (14.05.1999)**
- (25) ja (26) ja
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE**  
● **DISPOSITIF A CIRCUIT INTEGRE EN SEMI-CONDUCTEUR**
- (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **Itoh, Kiyoo** [JP/JP]; Hitachi, Ltd., Central Research Laboratory, 280, Higashikoigakubo 1-chome, Kokubungi-shi, Tokyo 185-8601 (JP). **NAKAZATO, Kazuo** [JP/GB]; Hitachi Europe Limited, Hitachi Cambridge Laboratory, Cavendish Laboratory, Madingley Road, Cambridge CB3 0HE (GB).
- (74) **TOKUWAKA, Kousei**; 16-8, Inokashira 5-Chome, Mitaka-Shi, Tokyo 181-0001 (JP).
- (81) CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H01L 27/108, G11C 11/402**
- (11) **WO 00/70683** (13) A1
- (21) PCT/JP00/03019
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) ja (26) ja
- (30) 11/132332 **13 May/mai 1999 JP (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● **SEMICONDUCTOR MEMORY**  
● **MÉMOIRE À SEMI-CONDUCTEURS**

- (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HISAMOTO, Dai** [JP/JP]; Hitachi, Ltd. Central Research Laboratory, 280, Higashi-koigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP). **KATAYAMA, Kozo** [JP/JP]; Hitachi, Ltd. Central Research Laboratory, 280, Higashi-koigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP).
- (74) **OGAWA, Katsuo**; Nitto International Patent Office, Yusenkayabacho Building, 9-8, Nihonbashi-kayabacho 2-chome, Chuo-ku, Tokyo 103-0025 (JP).
- (81) CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H01L 29/24, 29/06, 29/872, 29/78, 29/808**
- (11) **WO 00/70684** (13) A2
- (21) PCT/US00/13455
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 09/312,980 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SILICON CARBIDE POWER DEVICES HAVING TRENCH-BASED SILICON CARBIDE CHARGE COUPLING REGIONS THEREIN
- DISPOSITIFS DE PUISSANCE A CARBURE DE SILICIUM COMPORTANT DES REGIONS DE COUPLAGE DE CHARGE A BASE DE TRANCHEES EN CARBURE DE SILICIUM
- (71) **NORTH CAROLINA STATE UNIVERSITY** [US/US]; 1 Holladay Hall, Campus Box 7003, Raleigh, NC 27695-7003 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BALIGA, Bantval, Jayant** [IN/US]; 2612 Bembridge Drive, Raleigh, NC 27613 (US).
- (74) **SCOTT, Grant, J.** et al. / etc.; Myers, Bigel, Sibley, & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **H01L 29/78, G11C 11/22**
- (11) **WO 00/70685** (13) A1
- (21) PCT/US00/11445
- (22) **28 Apr/avr 2000 (28.04.2000)**
- (25) en (26) en
- (30) 09/314,800 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● FERROELECTRIC MEMORY WITH DISTURB PROTECTION
- MEMOIRE FERROELECTRIQUE A PROTECTION CONTRE LES PERTURBATIONS
- (71) **SYMETRIX CORPORATION** [US/US]; 5055 Mark Dabling Boulevard, Colorado Springs, CO 80918 (US). **MATSUSHITA ELECTRONICS CORPORATION** [JP/JP]; 1-1 Saiwai-cho, Takatsuki, Osaka 569-1193 (JP).
- (72) **HAYASHI, Shimichiro**; 2-9-3-301, Nasa-hara, Takatsuki-shi, Osaka 569-1041 (JP). **OTSUKI, Tatsuo**; 2-1-31-402, Makami-cho, Takatsuki, Osaka 569-1121 (JP). **PAZ DE ARAUJO, Carlos, A.**; 317 West Sunbird Cliffs Lane, Colorado Springs, CO 80919 (US).
- (74) **FOREST, Carl, A.** et al. / etc.; Duft, Graziano & Forest, P.C., P.O. Box 270930, Louisville, CO 80027 (US).
- (81) CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>6</sup> **H01L 29/786, 21/205, G02F 1/136**
- (11) **WO 00/70686** (13) A1
- (21) PCT/JP99/02518
- (22) **14 May/mai 1999 (14.05.1999)**
- (25) ja (26) ja
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SEMICONDUCTOR DEVICE, IMAGE DISPLAY DEVICE, AND METHOD AND APPARATUS FOR MANUFACTURE THEREOF
- DISPOSITIF SEMI-CONDUCTEUR, DISPOSITIF D'AFFICHAGE D'IMAGE, ET LEUR PROCEDURE ET APPAREIL DE FABRICATION
- (71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AKIMOTO, Hazime** [JP/JP]; Hitachi, Ltd., Central Research Laboratory, 280, Higashikoigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP). **KATAYAMA, Kouzou** [JP/JP]; Hitachi, Ltd., Central Research Laboratory, 280, Higashikoigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP).
- (74) **TOKUWAKA, Kousei**; 16-8, Inokashira 5-chome, Mitaka-shi, Tokyo 181-0001 (JP).
- (81) CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H01L 33/00, 25/075, F21K 7/00, G08G 1/095**
- (11) **WO 00/70687** (13) A1
- (21) PCT/DE00/01537
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) de (26) de
- (30) 199 22 361.0 **14 May/mai 1999 DE (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● LED MODULE FOR SIGNALING DEVICES
- MODULE A DIODES ELECTROLUMINESCENTES POUR DISPOSITIFS DE SIGNALISATION
- (71) **OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG** [DE/DE]; Wernerwerkstrasse 2, D-93049 Regensburg (DE).
- (72) **WAILL, Günter**; Praszweg 3, D-93049 Regensburg (DE). **BLÜMEL, Simon**; Grabenstrasse 2, D-84069 Schierling (DE).
- (74) **EPHING HERMANN & FISCHER GBR**; Postfach 12 10 26, D-80034 München (DE).
- (81) CN IN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H01L 41/107**
- (11) **WO 00/70688** (13) A1
- (21) PCT/JP00/03001
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) ja (26) ja
- (30) 11/130916 **12 May/mai 1999 JP (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● LAMINATED PIEZOELECTRIC TRANSDUCER
- TRANSDUCTEUR PIEZOELECTRIQUE STRATIFIE
- (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) **OKUDA, Kazuhiro** [JP/JP]; 2-3-9, Kikawahigashi, Yodogawa-ku, Osaka-shi, Osaka 532-0012 (JP). **GOTO, Yasushi** [JP/JP]; 3-1-19-202, Hachizuka, Ikeda-shi, Osaka 563-0024 (JP). **MINAMI, Seiichi** [JP/JP]; 4-38-203, Sengokunishimachi, Kadoma-shi, Osaka 571-0014 (JP). **YAMAGUCHI, Tomokazu** [JP/JP]; 1-13-302-1205, Nasahara, Takatsuki-shi, Osaka 569-1041 (JP). **KAWAMURA, Satoshi** [JP/JP]; 3-5-2-26, Midorimachi, Makomanai, Minami-ku, Sapporo-shi, Hokkaido 005-0013 (JP). **KAWANO, Kunitoshi**

- [JP/JP]; 4718-5, Yamada, Taishi-cho, Minamikawachi-gun, Osaka 583-0992 (JP). **FUKUSHIMA, Hiroshi** [JP/JP]; 6-38-3, Kisabe, Katano-shi, Osaka 576-0052 (JP).
- (74) **IWAHASHI, Fumio** et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (81) CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> H01L 45/00

- (11) **WO 00/70689** (13) A1
- (21) PCT/EP00/04190
- (22) **1 May/mai 2000 (01.05.2000)**
- (25) en (26) en
- (30) 99201515.6 **14 May/mai 1999** EP (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MAGNETIC TUNNEL JUNCTION DEVICE HAVING AN INTERMEDIATE LAYER
- DISPOSITIF DE JONCTION MAGNETIQUE A EFFET TUNNEL PRESENTANT UNE COUCHE INTERMEDIAIRE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **OEPTS, Wouter**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **SCHRIJNEMAEEKERS, Hubert, J., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> H01L 51/00

- (11) **WO 00/70690** (13) A2
- (21) PCT/GB00/01872
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 9911571.9 **18 May/mai 1999** GB (18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ORGANIC LIGHT EMITTING DEVICES
- DISPOSITIFS EMETTEURS DE LUMIERE ORGANIQUE
- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163 (JP). **STURT, Clifford, Mark** [GB/GB]; 9 John Street, London WC1N 2ES (GB).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAWASE, Takeo** [JP/GB]; Sheraton House, Castle Park, Cambridge CB3 0AX (GB).

- (74) **STURT, Clifford, Mark**; Miller Sturt Kenyon, 9 John Street, London WC1N 2ES (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 51/20, 33/00

- (11) **WO 00/70691** (13) A1
- (21) PCT/GB00/01748
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 9910901.9 **12 May/mai 1999** GB (12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LIGHT EMITTING DIODE WITH IMPROVED EFFICIENCY
- DIODE ELECTROLUMINESCENTE A EFFICACITE AMELIOREE
- (71) **UNIVERSITY OF DURHAM** [GB/GB]; Old Shire Hall, Durham DH1 3HP (GB). **UNIVERSITY OF EXETER** [GB/GB]; Northcote House, The Queen's Drive, Exeter EX4 4QJ (GB).
- (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SAMUEL, Ifor, David, William** [GB/GB]; University of Durham, Department of Physics, South Road, Durham DH1 3LE (GB). **LUPTON, John, Mark** [GB/GB]; University of Durham, Department of Physics, South Road, Durham DH1 3LE (GB). **MATTERSON, Benjamin, James** [GB/GB]; University of Durham, Department of Physics, South Road, Durham DH1 3LE (GB). **BARNES, William, Leslie** [GB/GB]; School of Physics, University of Exeter, Physics Building, Stocker Road, Exeter EX4 4QL (GB). **SALT, Martin, Guy** [GB/GB]; School of Physics, University of Exeter, Physics Building, Stocker Road, Exeter EX4 4QL (GB).

- (74) **MARKGRAAF PATENTS LIMITED**; The Crescent, 54 Blossom Street, York YO24 1AP (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H01L 51/30

- (11) **WO 00/70692** (13) A1
- (21) PCT/GB00/01692
- (22) **3 May/mai 2000 (03.05.2000)**
- (25) en (26) en
- (30) 9910964.7 **12 May/mai 1999** GB (12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CONDUCTING POLYMERS
- POLYMERES CONDUCTEURS
- (71) **THE SECRETARY OF STATE FOR DEFENCE** [GB/GB]; Defence Evaluation Research Agency, A4 Building, Ively Road, Farnborough, Hampshire GU14 0LX (GB). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAGE, Ian, Charles** [GB/GB]; Dera Malvern, St. Andrews Road, Malvern, Worcs WR14 3PS (GB). **WOOD, Emma, Louise** [GB/GB]; Dera Malvern, St. Andrews Road, Malvern, Worcs WR14 3PS (GB). **TILL, Stephen, John** [GB/GB]; Dera Malvern, St. Andrews Road, Malvern, Worcs WR14 3PS (GB). **FEAST, William, James** [GB/GB]; Durham University South Road, Durham City, County Durham DH1 3LE (GB). **PEACE, Richard, John** [GB/GB]; Durham University South Road, Durham City, County Durham DH1 3LE (GB).
- (74) **BOWDERY, A., O.**; D/IPD DERA Formalities, A4 Building, Ively Road, Farnborough, Hampshire GU14 0LX (GB).
- (81) CN GB JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> H01M

- (11) **WO 00/70693** (13) A2
- (21) PCT/DE00/01502
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) de (26) de
- (30) 199 22 922.8 **19 May/mai 1999** DE (19.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • HIGH TEMPERATURE MEMBRANE (HTM) FUEL CELL, METHOD FOR OPERATING AN HTM FUEL CELL BATTERY, AND HTM FUEL CELL BATTERY
- PILE A COMBUSTIBLE A MEMBRANE HAUTE TEMPERATURE POUR ACTIONNER UNE BATTERIE DE PILES A COMBUSTIBLE A MEMBRANE HAUTE TEMPERATURE ET BATTERIE DE PILES A COMBUSTIBLE A MEMBRANE HAUTE TEMPERATURE CORRESPONDANTE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
- (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BALDAUF, Manfred** [DE/DE]; Haundorfer Strasse 21, D-91056 Erlangen (DE). **GEBHARDT, Ulrich** [DE/DE]; Zedernstrasse 18, D-91094 Langensendelbach (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) CA CN JP NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **H01M 4/50, 4/52, 4/62, 10/40**

(11) **WO 00/70694** (13) A1

(21) PCT/EP00/03682

(22) **25 Apr/avr 2000 (25.04.2000)**

(25) de (26) de

(30) 199 22 522.2 **15 May/mai 1999 DE (15.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● LITHIUM-MIXED OXIDE PARTICLES COATED WITH METAL-OXIDES  
● PARTICULES A BASE D'OXYDES MIXTES ET DE LITHIUM, RECOUVERTES D'OXYDES METALLIQUES

(71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, D-64293 Darmstadt (DE).

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(72, 75) **OESTEN, Rüdiger** [DE/DE]; Riedbahnstrasse 75, D-64331 Weiterstadt (DE). **HEIDER, Udo** [DE/DE]; Lagerstrasse 37a, D-64560 Riedstadt (DE). **KÜHNER, Andreas** [DE/DE]; Barkhausstrasse 22, D-64289 Darmstadt (DE). **LOTZ, Natascha** [DE/DE]; Wixhäuser Strasse 12a, D-64390 Erzhausen (DE). **AMANN, Anja** [DE/DE]; Erbacher Strasse 28, D-64395 Brensbach (DE). **NIEMANN, Marlies** [DE/DE]; Sandgasse 98A, D-64347 Griesheim (DE).

(74) **MERCK PATENT GMBH**; D-64271 Darmstadt (DE).

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

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(51)<sup>7</sup> **H01M 4/58, 4/32, 4/52, 4/02, C22C 19/03**

(11) **WO 00/70695** (13) A1

(21) PCT/US00/11223

(22) **27 Apr/avr 2000 (27.04.2000)**

(25) en (26) en

(30) 09/314,380 **19 May/mai 1999 US (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● ELECTROCHEMICALLY STABILIZED CaNi<sub>5</sub> ALLOYS AND ELECTRODES  
● ALLIAGES ET ELECTRODES AU CANI<sub>5</sub> STABILISES ELECTROCHIMIQUEMENT

(71) **ENERGY CONVERSION DEVICES, INC.** [US/US]; 1675 W. Maple Road, Troy, MI 48084 (US).

(72) **OVSHINSKY, Stanford, R.**; 2700 Squirrel Road, Bloomfield Hills, MI 48304 (US). **YOUNG, Rosa, T.**; 1490 Brentwood, Troy, MI 48098 (US).

(74) **SCHUMAKER, David, W.** et al. / etc.; Energy Conversion Devices, Inc., 1675 W. Maple Road, Troy, MI 48084 (US).

(81) AU BR CA CN IN JP KR MX NO RU SG UA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **H01M 4/66, 10/12, 10/18**

(11) **WO 00/70696** (13) A1

(21) PCT/JP00/03145

(22) **17 May/mai 2000 (17.05.2000)**

(25) ja (26) ja

(30) 11/137876 **18 May/mai 1999 JP (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● COLLECTOR FOR STORAGE BATTERY, STORAGE BATTERY COMPRISING THE SAME, AND METHOD FOR MANUFACTURING THE STORAGE BATTERY

● COLLECTEUR D'ACCUMULATEUR, ACCUMULATEUR POURVU DE CE COLLECTEUR ET PROCEDE DE FABRICATION DE CET ACCUMULATEUR

(71) **JAPAN STORAGE BATTERY CO., LTD.** [JP/JP]; 1, Inobabacho, Kisshoin-nishinosho, Minami-ku, Kyoto-shi, Kyoto 601-8520 (JP).

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

(72, 75) **KURISAWA, Isamu** [JP/JP]; Japan Storage Battery Co., Ltd., 1, Inobabacho, Kisshoin-nishinosho, Minami-ku, Kyoto-shi, Kyoto 601-8520 (JP).

(74) **MIYAKOSHI, Noriaki**; Shin-ei Patent Office, ARK Mori Building, 29th floor, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6029 (JP).

(81) DE JP US.

(51)<sup>7</sup> **H01M 8/00, 8/04, 8/18, 8/12, 2/00, 2/02, C01B 3/24, 3/26, F23B 7/00**

(11) **WO 00/70697** (13) A1

(21) PCT/US00/13059

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/312,728 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● FUEL CELL SYSTEM USING EMULSIFIED FUEL  
● SYSTEME DE PILE A COMBUSTIBLE UTILISANT UN CARBURANT EMULSIONNE

(71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; P.O. Box 390, 180 Park Avenue, Florham Park, NJ 07932-0390 (US).

(72) **BERLOWITZ, Paul, Joseph**; 4 Nicole Terrace, Glen Gardner, NJ 08826 (US). **COOK, Bruce, Randall**; 1101 Monroe Drive, Stewartsville, NJ 08886 (US). **ROBBINS, John, Lawrence**; 54 South Main Street, Stockton, NJ 08559 (US). **JOHNSON, Jack, Wayne**; 9 Sunrise Circle, Clinton, NJ 08809 (US). **BELLOWS, Richard, James**; 73 Country Acres Drive, Hampton, NJ 08827 (US).

(74) **HANTMAN, Ronald, D.** et al. / etc.; ExxonMobil Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO RU SG SI SK SL TR TT UA UZ VN YU ZA; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H01M 8/04**

(11) **WO 00/70698** (13) A1

(21) PCT/EP00/04476

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) MI99A001090 **18 May/mai 1999 IT (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● HUMIDIFICATION DEVICE FOR POLYMERIC MEMBRANE FUEL CELLS  
● DISPOSITIF D'HUMIDIFICATION POUR PILES A COMBUSTIBLE A MEMBRANE POLYMERE

(71) **DE NORA FUEL CELLS S.P.A.** [IT/IT]; Via Bistolfi, 35, I-20134 Milan (IT).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MAZZUCHELLI, Gabriele** [IT/IT]; Via Paolo Sarpi, 9, I-20154 Milan (IT). **BRAMBILLA, Massimo** [IT/IT]; Via Piave, 8, I-20060 Bussero (IT). **FLEBA, Gian, Piero** [IT/IT]; Via F. Villa, 6, I-20100 Milano (IT). **MAGGIORE, Antonio** [IT/IT]; Via Eustachi, 20, I-20100 Milano (IT).

(74) **KINZEBACH, Werner** et al. / etc.; Reitsstötter, Kinzebach & Partner, Sternwartstrasse 4, D-81679 München (DE).

- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01M 8/06, 8/08, C25B 1/02, C01B 3/08**
- (11) **WO 00/70699** (13) A1  
(21) PCT/AU00/00446  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) en (26) en  
(30) PQ 0298 **12 May/mai 1999 AU (12.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) ● ENERGY PRODUCTION, STORAGE AND DELIVERY SYSTEM  
● SYSTEME DE PRODUCTION, DE STOCKAGE ET DE FOURNITURE D'ENERGIE
- (71) **PROTEGY LIMITED** [–/CN]; 32 Hollywood Road, Central, Hong Kong (CN).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **STEPHENSON, Neville, Charles** [AU/AU]; 6 Bangalee Road, West Camberwarra, NSW 2540 (AU).
- (74) **BALDWIN SHELSTON WATERS; 60** Margaret Street, Sydney, NSW 2000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **H01M 8/10, 4/86**
- (11) **WO 00/70700** (13) A1  
(21) PCT/US99/28508  
(22) **2 Dec/déc 1999 (02.12.1999)**  
(25) en (26) en  
(30) 09/312,514 **14 May/mai 1999 US (14.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) ● HYBRID MEMBRANE ELECTRODE ASSEMBLIES  
● ENSEMBLES ELECTRODES HYBRIDES A MEMBRANE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133–3427 (US).
- (72) **MAO, Shane, S.;** Post Office Box 33427, Saint Paul, MN 55133–3427 (US). **HAUGEN, Gregory, M.;** Post Office Box 33427, Saint Paul, MN 55133–3427 (US). **LEWINSKI, Krzysztof, A.;** Post Office Box 33427, Saint Paul, MN 55133–3427 (US). **DEBE, Mark, K.;** Post Office Box 33427, Saint Paul, MN 55133–3427 (US).
- (74) **DAHL, Philip, Y.** et al. / etc.; 3M Innovative Properties Company, Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133–3427 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>6</sup> **H01M 10/00, 2/02, 2/08, 2/10, 2/20, H04B 7/26, H04M 1/02**
- (11) **WO 00/70701** (13) A1  
(21) PCT/JP99/02533  
(22) **14 May/mai 1999 (14.05.1999)**  
(25) ja (26) ja  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) ● FLAT BATTERY AND ELECTRONIC DEVICE  
● BATTERIE PLATE ET DISPOSITIF ELECTRONIQUE
- (71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2–3, Marunouchi 2–chome, Chiyoka–ku, Tokyo 100–8310 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HANAFUSA, Kiyoshi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **ISHIDA, Hiroichi** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP).
- (74) **TAZAWA, Hiroaki** et al. / etc.; 4F, Kasumigaseki IHF Building, 5–1, Kasumigaseki 3–chome, Chiyoda–ku, Tokyo 100–0013 (JP).
- (81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)<sup>7</sup> **H01M 10/46**
- (11) **WO 00/70703** (13) A1  
(21) PCT/US00/12269  
(22) **5 May/mai 2000 (05.05.2000)**  
(25) en (26) en  
(30) 09/312,519 **14 May/mai 1999 US (14.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) ● METHOD AND APPARATUS FOR WIRELESS POWERING AND RECHARGING  
● PROCEDE ET DISPOSITIF D'ALIMENTATION ET DE RECHARGE SANS FIL
- (71) **GTE INTERNETWORKING INCORPORATED** [US/US]; 1209 Orange Street, Wilmington, DE 19801 (US).
- (72) **KRISHNAN, Rajesh;** Apartment 3, 11 Colonial Village Drive, Arlington, MA 02474 (US).
- (74) **SUCHYTA, Leonard, Charles** et al. / etc.; GTE Service Corporation, 600 Hidden Ridge HQE03G13, Irving, TX 75038 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01P 1/161, 1/165**  
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 (21) PCT/GB00/01855  
 (22) **17 May/mai 2000 (17.05.2000)**  
 (25) en (26) en  
 (30) 9911449.8 **17 May/mai 1999 GB (17.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● WAVEGUIDE POLARISATION ROTATOR  
 ● ROTATEUR A POLARISATION DE GUIDE D'ONDES
- (71) **CAMBRIDGE INDUSTRIES LIMITED** [GB/GB]; Cambridge House, 5 Commerce Park, Brunel Road, Theale, Berkshire RG7 4AB (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **STOKES, Jamie** [GB/GB]; 166 Wantage Road, Reading, Berkshire RG30 2SJ (GB).
- (74) **MCCALLUM, William, Potter** et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01P 7/10**  
 (11) **WO 00/70706** (13) A1  
 (21) PCT/DE00/01085  
 (22) **7 Apr/avr 2000 (07.04.2000)**  
 (25) de (26) de  
 (30) 199 21 926.5 **12 May/mai 1999 DE (12.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● DIELECTRIC MICROWAVE FILTER  
 ● FILTRE HYPERFREQUENCE DIELECTRIQUE
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MAYER, Bernd** [DE/DE]; Alexandersstrasse 133, D-70180 Stuttgart (DE).
- (81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H01Q 1/10, 1/24**  
 (11) **WO 00/70707** (13) A1  
 (21) PCT/KR99/00721  
 (22) **30 Nov/nov 1999 (30.11.1999)**  
 (25) en (26) en  
 (30) 1999/17126 **13 May/mai 1999 KR (13.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ANTENNA FOR USE OF PORTABLE WIRELESS COMMUNICATION SYSTEM  
 ● ANTENNE CONÇUE POUR UN SYSTEME DE COMMUNICATION SANS FIL PORTABLE
- (71, 72) **CHANG, Eung-Soon** [KR/KR]; 103-904 Samik Ceramic Apt., 1038 Mansoo-dong, Namdong-gu, Incheon-shi 405-240 (KR).
- (74) **YOO, Dong-Ho**; Kangnam Building, Room 903, 1321-1, Soch'o-dong, Soch'o-gu, Seoul 137-070 (KR).
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- (51)<sup>7</sup> **H01Q 1/27**  
 (11) **WO 00/70709** (13) A1  
 (21) PCT/ES00/00170  
 (22) **8 May/mai 2000 (08.05.2000)**  
 (25) es (26) es  
 (30) P 9901060 **18 May/mai 1999 ES (18.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01Q 1/12**  
 (11) **WO 00/70708** (13) A1  
 (21) PCT/JP00/02827  
 (22) **28 Apr/avr 2000 (28.04.2000)**  
 (25) en (26) en  
 (30) 11/133078 **13 May/mai 1999 JP (13.05.1999)**  
 (30) 2000/21398 **31 Jan/jan 2000 JP (31.01.2000)**  
 (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● GLASS ANTENNA DEVICE FOR VEHICLE AND RADIO RECEIVER APPARATUS USING THE SAME  
 ● DISPOSITIF ANTENNE DE VITRE POUR VEHICULE ET RECEPTEUR RADIO L'UTILISANT
- (71) **NIPPON SHEET GLASS CO., LTD.** [JP/JP]; 5-11, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KAKIZAWA, Hitoshi** [JP/JP]; Nippon Sheet Glass Co., LTD, 5-11, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
- (74) **SHIMODA, Yo-ichiro**; Meisan Tameike Building, 1-12, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01P 1/161**  
 (11) **WO 00/70705** (13) A1  
 (21) PCT/IB00/00633  
 (22) **12 May/mai 2000 (12.05.2000)**  
 (25) de (26) de  
 (30) 199 22 709.8 **18 May/mai 1999 DE (18.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● POLARIZATION SEPARATING FILTER  
 ● AIGUILLAGE DE POLARISATION
- (71) **MARCONI COMMUNICATIONS GMBH** [DE/DE]; Serberstrasse 33, D-71520 Backnang (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SPELDRICH, Werner** [DE/DE]; Suedstrasse 107, D-71522 Backnang (DE). **ROSENBERG, Uwe** [DE/DE]; Silberpappelweg 29, D-71522 Backnang (DE).
- (74) **HOSTE, Colin, Francis**; Marconi Intellectual Property, Waterhouse Lane, Chelmsford, Essex CM1 2QX (GB).

- (54) ● METHOD AND SYSTEM FOR ORIENTING A RECEIVER  
● PROCEDE ET SYSTEME D'ORIENTATION D'UN RECEPTEUR
- (71) **A.C.P.H. INGENIERIA Y FORMACION S.L.** [ES/ES]; Calle O'Donnell, 32, E-28009 Madrid (ES).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) **ALVAREZ SANZ, Angel María** [ES/ES]; Calle Mauricio Legendre, 7, E-28046 Madrid (ES). **LEDESMA SANCHEZ-Cañete, Fernando Tomas** [ES/ES]; Calle Joaquín María Lopez, 56, E-28015 Madrid (ES).
- (74) **ALVAREZ SANZ, Angel María**; Calle Mauricio Legendre, 7, E-28046 Madrid (ES).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **H01Q 1/27**
- (11) **WO 00/70710** (13) A1
- (21) PCT/KR00/00449
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 1999/17190 **13 May/mai 1999** KR (13.05.1999)
- (30) 1999/17191 **13 May/mai 1999** KR (13.05.1999)
- (30) 2000/7613 **17 Feb/fév 2000** KR (17.02.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● HELICAL ANTENNA MANUFACTURING APPARATUS AND METHOD THEREOF  
● PROCEDE ET APPAREIL DE FABRICATION D'UNE ANTENNE EN HELICE
- (71) **K-CERA INC.** [KR/KR]; 38-11, Neung-ri, Taean-eup, Kyungki-do, Hwaseong-kun 445-970 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KOO, Ki-Duk** [KR/KR]; Seongji Apt. 710-902, Salgoo-gol, Youngtong-dong 988-2, Paldal-ku, Kyungki-do, Suwon-city 441-470 (KR). **CHANG, Dong-Seok** [KR/KR]; Dongseong-hanareum Apt. 302-1303, Bijeon 2-dong 877, Kyungki-do, Pyeongtaek-city 450-152 (KR). **KIM, Hyung-Jong** [KR/KR]; Seongsu2ga 2-dong 671-254, Seongdong-ku, Seoul 133-112 (KR).
- (74) **KIM, Won-Ho**; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01Q 9/32, 1/32, 1/38**
- (11) **WO 00/70711** (13) A1
- (21) PCT/EP00/04449
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) de (26) de
- (30) 199 22 699.7 **18 May/mai 1999** DE (18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ANTENNA WITH AT LEAST ONE VERTICAL RADIATOR  
● ANTENNE COMPORTANT AU MOINS UN RADIATEUR VERTICAL
- (71) **RICHARD HIRSCHMANN GMBH & CO.** [DE/DE]; Stuttgarter Str. 45-51, D-72654 Neckartenzlingen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WENDT, Dirk** [DE/DE]; Pappelweg 1, D-72555 Metzingen (DE). **KUHN, Martin** [DE/DE]; Kreuzotterweg 12 B, D-70499 Stuttgart (DE). **PFLETSCHINGER, Markus** [DE/DE]; Heinstrasse 10, D-72800 Eningen (DE). **RIEDHOFER, Peter** [DE/DE]; Eichenweg 17, D-72555 Metzingen (DE).
- (74) **STADLER, Heinz**; Weikersheimer Str. 17, D-70435 Stuttgart (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H01Q 13/24, 19/08, H01P 5/08, G01F 23/284**
- (11) **WO 00/70712** (13) A1
- (21) PCT/EP00/04473
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) de (26) de
- (30) 199 22 606.7 **17 May/mai 1999** DE (17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SYSTEM CONSISTING OF A WAVE GUIDE AND AN ANTENNA  
● SYSTEME COMPRENANT UN GUIDE D'ONDES ET UNE ANTENNE
- (71) **VEGA GRIESHABER KG** [DE/DE]; Hauptstrasse 1-5, D-77709 Wolfach (DE).
- (72) **FEHRENBACH, Josef**; Schlattstrasse 1, D-77716 Haslach (DE). **MOTZER, Jürgen**; Bergach 17, D-77723 Gengenbach (DE). **SCHULTHEISS, Daniel**; Reichenbacherstrasse 37, D-78132 Hornberg (DE).
- (74) **WESTPHAL, MUSSGNUMG & PARTNER**; Waldstrasse 33, D-78048 Villingen-Schwenningen (DE).
- (81) AU CA CN JP SG.
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **H01R**
- (11) **WO 00/70713** (13) A2
- (21) PCT/US00/12878
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 60/134,021 **12 May/mai 1999** US (12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ELECTRICAL CONNECTOR AND METHOD OF MAKING THE SAME  
● CONNECTEUR ELECTRIQUE ET SON PROCEDE DE FABRICATION
- (71) **K & K STAMPING COMPANY** [US/US]; 34230 Riviera Drive, Fraser, MI 48026 (US).
- (72) **SWEARINGEN, Dean, D.**; 40850 E. Rosewood, Clinton Township, MI 48038 (US). **KOCH, Joseph, J.**; 37400 Union Lake Road, Harrison Township, MI 48045 (US).
- (74) **HANLON, William, M., Jr.**; Young & Basile, PC, Suite 624, 3001 West Big Beaver Road, Troy, MI 48084 (US).
- (81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H01R 4/24, 9/26**
- (11) **WO 00/70714** (13) A1
- (21) PCT/EP00/04125
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) de (26) de
- (30) 199 21 960.5 **14 May/mai 1999** DE (14.05.1999)
- (30) 199 44 431.5 **16 Sep/sep 1999** DE (16.09.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SCREWLESS TERMINAL  
● BORNE DE RACCORDEMENT SANS VIS
- (71) **WIELAND ELECTRIC GMBH** [DE/DE]; Brennerstrasse 10-14, D-96052 Bamberg (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SÜSS, Christian** [DE/DE]; Bergstrasse 15, D-96129 Strullendorf (DE). **LANG, Oliver** [DE/DE]; Ludwigstrasse 35, D-96052 Bamberg (DE). **BURGER, Michael** [DE/DE]; Ziegelhütte 7, D-96196 Trunstadt (DE).
- (74) **TERGAU & POHL**; Mögelderfer Hauptstrasse 51, D-90482 Nürnberg (DE).



(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H01R 13/514

(11) WO 00/70715 (13) A1

(21) PCT/KR00/00369

(22) 19 Apr/avr 2000 (19.04.2000)

(25) ko (26) en

(30) 1999/6448 U 19 Apr/avr 1999 KR (19.04.1999)

(30) 1999/64509 29 Dec/déc 1999 KR (29.12.1999)

(30) 1999/64510 29 Dec/déc 1999 KR (29.12.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● SYSTEM AND METHOD FOR FORMING AN ELECTRICAL CIRCUIT USING BLOCKS  
● SYSTEME ET PROCÉDE DE FORMATION D'UN CIRCUIT ELECTRIQUE A L'AIDE DE BLOCS

(71, 72) SUNG, Shin-Woong [KR/KR]; 18 tong 4 ban, 568-8 Suknam-2-dong, Seo-ku, Incheon 404-222 (KR).

(74) LEE, Eun-Sook; Suite 502, Samyoung-Bldg., 840 Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01R 24/00

(11) WO 00/70716 (13) A1

(21) PCT/JP00/03094

(22) 15 May/mai 2000 (15.05.2000)

(25) ja (26) ja

(30) 11/132159 13 May/mai 1999 JP (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● MULTI WAY CONNECTOR  
● CONNECTEUR MULTIPLE

(71) ADVANTEST CORPORATION [JP/JP]; 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).

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

(72, 75) YAMABE, Masahiko [JP/JP]; Advantest Corporation, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP). ICHIHASHI, Toshihiro [JP/JP]; Advantest Corporation, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).

(74) KUSANO, Takashi et al. / etc.; Sagami Building, 2-21, Shinjuku 4-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) JP US.

(51)<sup>7</sup> H01R 24/04, 24/06

(11) WO 00/70717 (13) A1

(21) PCT/AU00/00064

(22) 4 Feb/fév 2000 (04.02.2000)

(25) en (26) en

(30) PQ 0429 18 May/mai 1999 AU (18.05.1999)

(30) PQ 5251 27 Jan/jan 2000 AU (27.01.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● A PLUG FOR CONNECTION TO AN RCA OR PHONO TYPE SOCKET  
● PRISE MALE DE RACCORDEMENT AVEC PRISE FEMELLE DE TYPE RCA OU PHONO

(71, 72) EICHMANN, Keith, Louis [AU/AU]; 37 Varndell Street, Bald Hills, QLD 4069 (AU). WOODLAND, Robert, Bruce [AU/AU]; 55 Lyndale Road, Pullenvale, QLD 4069 (AU).

(74) WOODLAND, Robert, Bruce; 55 Lyndale Road, Pullenvale, QLD 4069 (AU).

(81) AU BB BR CA CN CU CZ HU ID IL IN IS JP KE KP KR LK MX NO NZ PL SG TR TT US VN YU ZA ZW; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> H01S 3/04

(11) WO 00/70718 (13) A1

(21) PCT/US00/12062

(22) 2 May/mai 2000 (02.05.2000)

(25) en (26) en

(30) 09/310,872 12 May/mai 1999 US (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● GAS DISCHARGE LASER WITH GAS TEMPERATURE CONTROL  
● LASER A GAZ AVEC REGULATION DE LA TEMPERATURE DE GAZ

(71) CYMER, INC. [US/US]; 16750 Via Del Campo Court, San Diego, CA 92127-1712 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UJAZDOWSKI, Richard, C. [US/US]; 13420 Granite Creek Road, San Diego, CA 92128 (US). SHANNON, Robert, A. [US/US]; 1210 Pierre Way, El Cajon, CA 92021 (US). BERGER, Dmitri [US/US]; 18990-53 Caminito Cantilena, San Diego, CA 92128 (US). PARTLO, William, N. [US/US]; 12634 Pedriza Drive, Poway, CA 92064 (US). WATSON, Tom, A. [US/US]; 4427 Salisbury Drive, Carlsbad, CA 92008 (US). AZZOLA, James, H. [US/US]; 5340 Toscana Way #F202, San Diego, CA 92122 (US). OLIVER, I., Roger [GB/US]; 3944 Carson Street, San Diego, CA 92117 (US). DUFFEY, Thomas, P. [US/US]; 10980 Madrigal Street, San Diego, CA 92129 (US). FOMENKOV, Igor, V. [US/US]; 14390 Janal Way, San Diego, CA 92129 (US). THOMPSON, Paul, S. [US/US]; 11472 Tree Hollow Lane, San Diego, CA 92128 (US). TEDESCO, Carl, E., II [US/US]; 13754 Mango Drive #122, Del Mar, CA 92014 (US). HARRINGTON, Steven, M. [US/US]; 1619 Edilee Drive, Cardiff, CA 92007 (US). ISHIHARA, Toshihiko [JP/US]; 7447 Salizar Street, San Diego, CA 92111 (US). LARSON, Donald, G. [US/US]; 5345 Toscana Way #538, San Diego, CA 92122 (US). MORTON, Richard, G. [US/US]; 17786 Agumiel Road, San Diego, CA 92127 (US).

(74) ROSS, John, R.; Cymer, Inc., Legal Department-MS/3-2A, 16750 Via Del Campo Court, San Diego, CA 92127-1712 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H01S 3/06, G02B 6/00

(11) WO 00/70719 (13) A1

(21) PCT/JP00/03101

(22) 15 May/mai 2000 (15.05.2000)

(25) ja (26) ja

(30) 11/132454 13 May/mai 1999 JP (13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● PLASTIC OPTICAL FIBER AND PLASTIC OPTICAL FIBER LASER DEVICE, AND METHOD FOR MANUFACTURE THEREOF  
● FIBRE OPTIQUE EN MATIERE PLASTIQUE, LASER COMPRENANT UNE TELLE FIBRE, ET PROCÉDE DE FABRICATION ASSOCIE

(71) KEIO UNIVERSITY [JP/JP]; 15-45, Mita 2-chome, Minato-ku, Tokyo 108-8345 (JP). KANAGAWA ACADEMY OF SCIENCE AND TECHNOLOGY [JP/JP]; 3-2-1, Sakado, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0012 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **KOIKE, Yasuhiro** [JP/JP]; Faculty of Science and Technology Keio University, 3-14-1 Hiyoshi, Kouhoku-ku, Yokohama-shi, Kanagawa 223-8522 (JP).
- (74) **TAKAHASHI, Keishiro**; Takahashi & Kitayama, Okachimachi Tohsei Building, 4th Floor, 3-12-1 Taito, Taito-ku, Tokyo 110-0016 (JP).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H01S 3/22**
- (11) **WO 00/70720** (13) A1
- (21) PCT/US00/11290
- (22) **25 Apr/avr 2000 (25.04.2000)**
- (25) en (26) en
- (30) 09/310,786 **12 May/mai 1999** US (12.05.1999)
- (30) 09/400,026 **21 Sep/sep 1999** US (21.09.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TANGENTIAL FAN WITH CUTOFF ASSEMBLY AND VIBRATION CONTROL FOR ELECTRIC DISCHARGE LASER
- VENTILATEUR TANGENTIEL DOTE D'UN ECRAN ET D'UNE COMMANDE DE VIBRATION ET DESTINE A UN LASER A DECHARGE ELECTRIQUE
- (71) **CYMER, INC.** [US/US]; 16750 Via Del Campo Court, San Diego, CA 92127-1712 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOFMANN, Thomas** [DE/US]; 4794 Arizona Street, #205, San Diego, CA 92116 (US). **HOWEY, James, K.** [US/US]; 1971 Cherrywood Street, Vista, CA 92083 (US). **SHANNON, Robert, A.** [US/US]; 1210 Pierre Way, El Cajon, CA 92021 (US). **UJAZDOWSKI, Richard, R.** [US/US]; 13420 Granite Creek Road, San Diego, CA 92128 (US). **WATSON, Tom, A.** [US/US]; 4427 Salisbury Drive, Carlsbad, CA 92008 (US). **WEBB, Kyle, R.** [US/US]; 2491 Cilantro Glen, Escondido, CA 92029 (US).
- (74) **ROSS, John, R.**; Cymer, Inc., Legal Department-MS/3-2A, 16750 Via Del Campo Court, San Diego, CA 92127-1712 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H01S 5/022, G02B 6/42**
- (11) **WO 00/70721** (13) A1
- (21) PCT/DE00/00449
- (22) **17 Feb/fév 2000 (17.02.2000)**
- (25) de (26) de
- (30) 199 22 521.4 **15 May/mai 1999** DE (15.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • OPTICAL TRANSMITTER
- EMETTEUR OPTIQUE
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHUNK, Nikolaus** [DE/DE]; Sohlfeld 32, D-31139 Hildesheim (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H02B 1/50**
- (11) **WO 00/70722** (13) A1
- (21) PCT/IB00/00519
- (22) **26 Apr/avr 2000 (26.04.2000)**
- (25) en (26) en
- (30) 99/3340 **14 May/mai 1999** ZA (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A KIT FOR FORMING A BOX
- KIT POUR FORMER UNE BOITE
- (71) **DU TOIT, Stephanus, Francois** [ZA/ZA]; 14 Montanac, Hillside, 0081 Lynnwood, Pretoria (ZA).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOTHA, Johannes, Augustus** [ZA/ZA]; 5 Marico Street, 1055 Middelburg (ZA). **BOTHA, Jacobus** [ZA/ZA]; 20 Morkel Street, 1055 Middelburg (ZA). **VON MALTITZ, Wilhelm, Ludwig** [ZA/ZA]; 12 Jochen Van Bruggen Street, 1055 Middelburg (ZA).
- (74) **GILSON, David, Grant** et al. / etc.; Spoor and Fisher, Rochester Place, 173 Rivonia Road, Morningside, Sandton, P.O. Box 41312, 2024 Craighall (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>6</sup> **H02G 3/00**
- (11) **WO 00/70723** (13) A1
- (21) PCT/US00/13135
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/312,567 **14 May/mai 1999** US (14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • WIRING SYSTEM AND METHOD THEREFOR
- INSTALLATION ELECTRIQUE ET PROCEDE CONNEXE
- (71) **LEONI WIRING SYSTEMS, INC.** [US/US]; 2201 East Medina, Suite 150, Tucson, AZ 85706 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CASPERSON, Paul, G.** [US/US]; 4533 Rosebud Drive, Columbus, IN 47203 (US).
- (74) **OREMLAND, Lawrence, R.**; Snell & Wilmer L.L.P., One Arizona Center, 400 E. Van Buren, Phoenix, AZ 85004-2202 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H02H 3/00**
- (11) **WO 00/70724** (13) A1
- (21) PCT/US00/13269
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 60/134,562 **17 May/mai 1999** US (17.05.1999)
- (30) 09/526,218 **15 Mar/mar 2000** US (15.03.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A MICROPROCESSOR BASED SETTING GROUP CONTROLLER FOR PROTECTIVE RELAY OPERATIONS
- DISPOSITIF DE COMMANDE DE GROUPES DE REGLAGES A MICRO-PROCESSEUR POUR LE FONCTIONNEMENT DE RELAIS PROTECTEURS
- (71, 72) **HOFFMAN, Gary, R.** [US/US]; 32 Phyllis Place, Randolph, NJ 07869 (US).
- (74) **SCHANZER, Henry, I.**; 29 Brookfall Road, Edison, NJ 08817 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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(51)<sup>7</sup> H02K 1/06, 21/12

(11) WO 00/70725 (13) A1

(21) PCT/SE00/00952

(22) 12 May/mai 2000 (12.05.2000)

(25) sv (26) en

(30) 9901738-6 12 May/mai 1999 SE  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● ROTATING ELECTRICAL MACHINE  
● MACHINE ELECTRIQUE TOURNANTE(71) ABB AB [SE/SE]; S-721 83 Västerås (SE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RYDHOLM, Bengt [SE/SE]; Brunnbygatan 68, S-722 23 Västerås (SE). MAGNUSSEN, Freddy [SE/SE]; Karl-feldtsgatan 33 B, S-722 22 Västerås (SE). SÖDERHOLM, Svante [SE/SE]; Utanbygatan 6F, S-722 14 Västerås (SE). KARLSSON, Sven [SE/SE]; Solvagnsgatan 12, s-723 51 Västerås (SE).

(74) AB STOCKHOLMS PATENTBYRÅ, ZACCO &amp; BRUHN; Udo Hinz, Box 23101, S-104 35 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H02K 13/00, 5/22

(11) WO 00/70726 (13) A1

(21) PCT/JP00/03050

(22) 12 May/mai 2000 (12.05.2000)

(25) ja (26) ja

(30) 11/132035 12 May/mai 1999 JP  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● SMALL-SIZED MOTOR AND MOTOR HOLDER  
● MOTEUR DE PETITE TAILLE ET SUPPORT DE MOTEUR(71) NAMIKI SEIMITSU HOUSEKI KABUSHIKI KAISHA [JP/JP]; 8-22, Shinden 3-chome, Adachi-ku, Tokyo 123-8511 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUZUKI, Toshio [JP/JP]; Namiki Seimitsu Houseki Kabushiki Kaisha, 8-22, Shinden 3-chome, Adachi-ku, Tokyo 123-8511 (JP). KUDO, Mitsugu [JP/JP]; Namiki Seimitsu Houseki Kabushiki Kaisha, 8-22, Shinden 3-chome, Adachi-ku, Tokyo 123-8511 (JP). KOGAWA, Takeshi [JP/JP]; Namiki Seimitsu Houseki Kabushiki Kaisha, 8-22, Shinden 3-chome, Adachi-ku, Tokyo 123-8511 (JP). MORITA, Kazuo [JP/JP]; Namiki Seimitsu Houseki Kabushiki Kaisha, 8-22, Shinden 3-chome, Adachi-ku, Tokyo 123-8511 (JP).

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

(81) BR CN KR MX NO SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> H02K 21/00, 21/04

(11) WO 00/70727 (13) A1

(21) PCT/GB00/01625

(22) 27 Apr/avr 2000 (27.04.2000)

(25) en (26) en

(30) 9911251.8 12 May/mai 1999 GB  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● FAIL-SAFE ELECTRICAL GENERATOR AND MOTOR  
● GENERATEUR ELECTRIQUE ET MOTEUR A SECURITE INTEGREE(71) URENCO (CAPENHURST) LIMITED [GB/GB]; Capenhurst Works, Capenhurst, Chester CH1 6ER (GB).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YARWOOD, Peter [GB/GB]; Capenhurst Works, Capenhurst, Chester CH1 6ET (GB).

(74) BRANDON, Paul, Laurence et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>6</sup> H02K 29/00, 21/22

(11) WO 00/70728 (13) A1

(21) PCT/JP99/02532

(22) 14 May/mai 1999 (14.05.1999)

(25) ja (26) ja

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● COMPATIBLE DISK DRIVE MOTOR

● MOTEUR D'ENTRAÎNEMENT DU DISQUE COMPATIBLE

(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) MUROTANI, Kiichiro [JP/JP]; Mitsubishi Denki Engineering Kabushiki Kaisha, 6-2, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP). MICHIMORI, Atsushi [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). INATANI, Takeshi [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). TAKESHIMA, Masaaki [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) TAZAWA, Hiroaki et al. / etc.; 7F, Daito Building, 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> H02K 41/06, 11/00

(11) WO 00/70729 (13) A1

(21) PCT/US00/13938

(22) 19 May/mai 2000 (19.05.2000)

(25) en (26) en

(30) 09/315,079 19 May/mai 1999 US  
(19.05.1999)(30) 09/314,703 19 May/mai 1999 US  
(19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● NUTATIONAL MOTOR

● MOTEUR A NUTATION

(71) JOHNSON WORLDWIDE ASSOCIATES, INC. [US/US]; 1326 Willow Road, Sturtevant, WI 53177 (US).

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

(72, 75) SWETISH, Thomas, R. [US/US]; 1403 Chatham, Racine, WI 53402 (US). RATHE, Todd, A. [US/US]; 9106 W. Stanford Court, Mequon, WI 53097 (US).

(74) RATHE, Todd, A.; Foley &amp; Lardner, 33rd Floor, 777 East Wisconsin Avenue, Milwaukee, WI 53202-5367 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> **H02M 3/335**
- (11) **WO 00/70730** (13) A1
- (21) PCT/EP00/03802
- (22) **27 Apr/avr 2000 (27.04.2000)**
- (25) en (26) en
- (30) 99201513.1 **14 May/mai 1999** EP  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SWITCHED-MODE POWER SUPPLY  
• ALIMENTATION EN MODE COM-MUTE
- (71) **KONINKLIJKE PHILIPS ELECTRO-NICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **MIERMANS, Hubertus, C.;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **STERKEN, Antoon, J., E.;** Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H02M 3/335**
- (11) **WO 00/70731** (13) A1
- (21) PCT/FI00/00441
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 991135 **18 May/mai 1999** FI  
(18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • INTEGRATED DIRECT CURRENT CONVERTER  
• CONVERTISSEUR A COURANT CONTINU INTEGRE
- (71) **NOKIA NETWORKS OY** [FI/FI]; P.O.Box 300, FIN-00045 Nokia Group (FI).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NIEMINEN, Pentti** [FI/FI]; Melkonkatu 7 A 23, FIN-00210 Helsinki (FI). **LAI-TINEN, Marko** [FI/FI]; Kaarenmäenkuja 1 D 23, FIN-01610 Vantaa (FI).
- (74) **PAPULA OY;** P.O. Box 981 (Fredrikinkatu 61 A), FIN-00101 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H02M 7/04**
- (11) **WO 00/70733** (13) A1
- (21) PCT/US00/11299
- (22) **26 Apr/avr 2000 (26.04.2000)**
- (25) en (26) en
- (30) 09/310,615 **12 May/mai 1999** US  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND SYSTEM FOR CONTROLLING AC CURRENT SUPPLIED TO AN INDUCTIVE LOAD FROM AN AC POWERLINE  
• PROCEDE ET SYSTEME DE COMMANDE DE COURANT ALTERNATIF FOURNI A UNE CHARGE INDUCTIVE PAR UNE LIGNE DU SECTEUR
- (71) **MEDAR, INC.** [US/US]; 38700 Grand River Avenue, Farmington Hills, MI 48335 (US).
- (72) **FARROW, John, F.;** 275 North Harvey Street, Plymouth, MI 48170 (US).
- (74) **SYROWIK, David, R.** et al. / etc.; Brooks & Kushman, 22nd floor, 1000 Town Center, Southfield, MI 48075 (US).
- (81) CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **H02M 7/162**
- (11) **WO 00/70734** (13) A1
- (21) PCT/US00/12149
- (22) **4 May/mai 2000 (04.05.2000)**
- (25) en (26) en
- (30) 09/310,393 **12 May/mai 1999** US  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CONTROL OF A DC MATRIX CONVERTER  
• COMMANDE D'INVERSEUR DE MATRICE EN COURANT CONTINU
- (71) **OTIS ELEVATOR COMPANY** [US/US]; Intellectual Property Dept., 10 Farm Springs, Farmington, CT 06032-2568 (US).
- (72) **CZERWINSKI, Christopher, S.;** 4122 Town Brooke, Middletown, CT 06457 (US).
- (74) **HENLEY, Randy, G.** et al. / etc.; Otis Elevator Company, Intellectual Property Dept., 10 Farm Springs, Farmington, CT 06032-2568 (US).
- (81) CN JP SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H02M 7/217**
- (11) **WO 00/70735** (13) A1
- (21) PCT/AT00/00134
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) de (26) de
- (30) A 870/99 **17 May/mai 1999** AT  
(17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DEVICE AND METHOD FOR LINE-VOLTAGE DEPENDENT THYRISTOR CONTROLLED PRE-CHARGING OF OUTPUT CAPACITORS IN A THREE-LEVEL PULSE RECTIFIER SYSTEM  
• DISPOSITIF ET PROCEDE POUR PRECHARGER, DE MANIERE COMMANDEE PAR UN THYRISTOR, EN FONCTION DE LA TENSION DE RESEAU, LES CONDENSATEURS DE SORTIE D'UN SYSTEME REDRESSEUR PULSE A TROIS NIVEAUX
- (71, 72) **KOLAR, Johann, W.** [AT/AT]; Straus-sengasse 2-10/2/68, A-1050 Wien (AT).
- (72, 75) **KORB, Wilhelm** [DE/DE]; Vietsfeld 2, D-59519 Mönesees-Stockum (DE).
- (74) **HEFEL, Herbert** et al. / etc.; Egelsees-trasse 65a, Postfach 61, A-6800 Feldkirch (AT).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H02M 7/5383, H02J 9/06**

(11) **WO 00/70736** (13) A1

(21) PCT/US00/12921

(22) **11 May/mai 2000 (11.05.2000)**

(25) en (26) en

(30) 09/311,043 **13 May/mai 1999 US (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND APPARATUS FOR CONVERTING A DC VOLTAGE TO AN AC VOLTAGE

• PROCEDE ET APPAREIL POUR LA CONVERSION D'UNE TENSION EN COURANT CONTINU EN UNE TENSION ALTERNATIVE

(63) US 09/311,043 (CIP) 13 May/mai 1999 (13.05.1999)

(71) **AMERICAN POWER CONVERSION, INC.** [US/US]; 132 Fairgrounds Road, West Kingston, RI 02892 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **REILLY, David, E.** [US/US]; 148 Minot Road, Concord, MA 01742 (US).

(74) **SULLIVAN, Thomas, M.**; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, PC, One Financial Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H02M 7/757 // H02H 7/12**

(11) **WO 00/70737** (13) A1

(21) PCT/SE00/00956

(22) **15 May/mai 2000 (15.05.2000)**

(25) sv (26) en

(30) 9901810-3 **19 May/mai 1999 SE (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • A PLANT FOR TRANSMITTING ELECTRIC POWER

• INSTALLATION DE TRANSMISSION DE COURANT ELECTRIQUE

(71) **ABB AB** [SE/SE]; S-721 83 Västerås (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SVENSSON, Kjell** [SE/SE]; Vretgatan 2, S-771 41 Ludvika (SE).

(74) **BJERKÉN, Håkan** et al. / etc.; Bjerkéns Patentbyrå KB, Box 1274, S-801 37 Gävle (SE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> **H02P**

(11) **WO 00/70738** (13) A2

(21) PCT/DE00/01538

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 977.5 **19 May/mai 1999 DE (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR CONTROLLING AT LEAST ONE INDUCTIVE CONSUMER BY MEANS OF A PULSE WIDTH MODULATED CONTROL SIGNAL

• PROCEDE POUR COMMANDER AU MOINS UN CONSOMMATEUR INDUCTIF AU MOYEN DE SIGNAUX DE COMMANDE A MODULATION D'IMPULSIONS EN DUREE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WITZIG, Harald** [DE/DE]; Schulstr. 11, D-77830 Buehlertal (DE). **KNECHT, Gerhard** [DE/DE]; Im Bohnenmichel 8, D-76473 Iffezheim (DE). **HEESE, Thomas** [DE/DE]; Burgweg 25a, D-77815 Buehl (DE).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>6</sup> **H02P 5/00, G05B 11/36**

(11) **WO 00/70739** (13) A1

(21) PCT/JP99/02521

(22) **14 May/mai 1999 (14.05.1999)**

(25) ja (26) ja

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SERVOCONTROL  
• SERVOCOMMANDE

(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) **TSUTSUI, Kazuhiko** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **SOGA, Michiteru** et al. / etc.; S. Soga & Co., Kokusai Building, 8th floor, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) DE GB JP KR US.

(51)<sup>6</sup> **H03B 5/18**

(11) **WO 00/70740** (13) A1

(21) PCT/JP99/02567

(22) **18 May/mai 1999 (18.05.1999)**

(25) ja (26) ja

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • LC OSCILLATOR  
• OSCILLATEUR LC

(71) **T.I.F. CO., LTD.** [JP/JP]; 5-6-213, San-no 2-chome, Ohta-ku, Tokyo 143-0023 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OKAMOTO, Akira** [JP/JP]; 7-17, Midorigaoka 4-chome, Ageo-shi, Saitama 362-0015 (JP). **IKEDA, Takeshi** [JP/JP]; 5-6-213, San-no 2-chome, Ohta-ku, Tokyo 143-0023 (JP).

(74) **AMAGAI, Masahiko**; Amagai Tokkyo Jimusyo, Kitashinjuku OC Building, 2nd floor, 8-15, Kitashinjuku 1-chome, Shinjuku-ku, Tokyo 169-0074 (JP).

(81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **H03B 5/36, 5/32**

(11) **WO 00/70741** (13) A1

(21) PCT/EP00/03935

(22) **2 May/mai 2000 (02.05.2000)**

(25) en (26) en

(30) 9911295.5 **14 May/mai 1999 GB (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CRYSTAL OSCILLATOR  
• OSCILLATEUR A QUARTZ

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 55 Stockholm (SE).

(72) **CLARKE, David**; 32 Sutton Park, Blundson, Swindon SN2 4BB (GB).

(74) **O'CONNELL, David, Christopher**; Hseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **H03B 29/00**
- (11) **WO 00/70742** (13) A1
- (21) PCT/US00/11556
- (22) **27 Apr/avr 2000 (27.04.2000)**
- (25) en (26) en
- (30) 60/133,787 **12 May/mai 1999 (12.05.1999)** US
- (30) 09/356,108 **16 Jul/juil 1999 (16.07.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR RANDOM NOISE GENERATOR  
• GENERATEUR DE BRUIT ALEATOIRE: PROCEDE ET DISPOSITIF
- (71) **PARTHUS TECHNOLOGIES PLC** [IE/IE]; 32-34 Harcourt Street, Dublin 2 (IE).  
*(for all designated States except / pour tous les États désignés sauf US ZW)*
- (71) **SILICON SYSTEMS (US), INC.** [US/US]; 2033 Gateway Place, Suite 150, San Jose, CA 95110 (US).  
*(only for / seulement pour ZW)*
- (72, 75) **RYAN, John, G.** [IE/IE]; Sequoia, Monastery Road, Rochestown, Cork (IE). **HORAN, John** [IE/IE]; 29 The Greens, Ballytrasna, Little Island, Cork (IE).
- (74) **MILLIKEN, Darren, J.**; 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **H03C 3/00**
- (11) **WO 00/70743** (13) A1
- (21) PCT/US00/13297
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) en (26) en
- (30) 09/312,905 **17 May/mai 1999 (17.05.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CURRENT MODE TRANSMITTER  
• EMETTEUR A COMMUTATION DE COURANT
- (71) **MAXIM INTEGRATED PRODUCTS, INC.** [US/US]; 120 San Gabriel Drive, Sunnyvale, CA 94086 (US).
- (72) **TANASE, Gabriel, E.**; 10146 Amelia Court, Cupertino, CA 95014 (US).
- (74) **MACKENZIE, Douglas, E.**; Hickman Stephens Coleman & Hughes, P.O. Box 52037, Palo Alto, CA 94303-0746 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- (51)<sup>7</sup> **H03D 1/00, H04L 27/06**
- (11) **WO 00/70744** (13) A1
- (21) PCT/US00/13714
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/313,125 **17 May/mai 1999 (17.05.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DETECTOR TOLERANT OF FREQUENCY MISALIGNMENT  
• DETECTEUR TOLERANT LES MAUVAIS ALIGNEMENTS DE FREQUENCE
- (71) **CELLNET DATA SYSTEMS, INC.** [US/US]; 125 Shoreway Road, San Carlos, CA 94070 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LUXFORD, Gregory, Vincent** [GB/GB]; 2 Doris Street, NewMarket, Suffolk (GB). **IRVING, Clive, Russell** [GB/GB]; 15 Cockle Close, Newton, Cambridgeshire (GB).
- (74) **EGAN, William, J., III** et al. / etc.; Fish & Richardson P.C., Suite 100, 2200 Sand Hill Road, Menlo Park, CA 94025 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> **H03D 7/16, H03C 1/60**
- (11) **WO 00/70745** (13) A1
- (21) PCT/IB00/00839
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) de (26) de
- (30) 199 21 921.4 **12 May/mai 1999 (12.05.1999)** DE
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SINGLE SIDEBAND MIXER  
• MELANGEUR A BANDE LATERALE UNIQUE
- (71) **MARCONI COMMUNICATIONS GMBH** [DE/DE]; Serberstrasse 33, D-71520 Backnang (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GILL, Hardial** [GB/DE]; Elly-Heuss-Knapp-Weg, 38/3, D-71522 Backnang (DE). **GERHARD, Gregor** [DE/DE]; Heinrich Von Zuegel-Strasse 15, D-71540 Murrhardt (DE). **KOCH, Stefan** [DE/DE]; Am Neufeld 21, D-71570 Oppenweiler (DE).
- (74) **CAMP, Ronald**; Marconi Intellectual Property, Waterhouse Lane, Chelmsford, Essex CM1 2QX (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **H03F 1/02**
- (11) **WO 00/70746** (13) A1
- (21) PCT/US00/09662
- (22) **11 Apr/avr 2000 (11.04.2000)**
- (25) en (26) en
- (30) 09/312,469 **17 May/mai 1999 (17.05.1999)** US
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • POWER MODULATION SYSTEMS AND METHODS THAT SEPARATELY AMPLIFY LOW AND HIGH FREQUENCY PORTIONS OF AN AMPLITUDE WAVEFORM  
• SYSTEMES ET PROCEDES DE MODULATION DE PUISSANCE DESTINES A AMPLIFIER SEPAREMENT DES PARTIES A BASSE ET HAUTE FREQUENCE D'UNE FORME D'ONDE D'AMPLITUDE
- (71) **ERICSSON, INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).
- (72) **CAMP, William, O., Jr.**; 400 North Boundary Street, Chapel Hill, NC 27514 (US). **LINDOFF, Bengt**; Klarinettranden 3B, S-224 68 Lund (SE).

(74) **BIGEL, Mitchell, S.** et al. / etc.; Myers, Bigel, Sibley, & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB 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 NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **H03F 1/30, 3/38**

(11) **WO 00/70747** (13) A1

(21) PCT/US00/13854

(22) **19 May/mai 2000 (19.05.2000)**

(25) en (26) en

(30) 60/134,820 **19 May/mai 1999 US (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SWITCHING AMPLIFIER CROSSOVER DISTORTION REDUCTION TECHNIQUE

• TECHNIQUE DE REDUCTION DES DISTORTIONS DE CROISEMENT DANS UN AMPLIFICATEUR DE COMMUTATION

(71) **JAM TECHNOLOGIES, LLC** [US/US]; 75 Clarendon Street, Suite 508, Boston, MA 02116 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIRN, Larry** [US/US]; 7158 Valleybrook, West Bloomfield, MI 48322 (US).

(74) **POSA, John, G.** et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, PC, Suite 400, 280 N. Old Woodward Avenue, Birmingham, MI 48009 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H03F 1/32**

(11) **WO 00/70748** (13) A1

(21) PCT/US00/13007

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/312,344 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • BROADCAST TRANSMISSION SYSTEM WITH SAMPLING AND CORRECTION ARRANGMENT FOR CORRECTING DISTORTION CAUSED BY AMPLIFYING AND SIGNAL CONDITIONING COMPONENTS

• SYSTEME D'EMISSION POURVU D'UN DISPOSITIF D'ECHANTILLONNAGE ET DE CORRECTION PERMETTANT DE CORRIGER LA DISTORSION ENGENDREE PAR LES COMPOSANTS D'AMPLIFICATION ET DE MISE EN FORME DE SIGNAUX

(71) **HARRIS CORPORATION** [US/US]; 1025 West Nasa Blvd., Melbourne, FL 32919 (US).

(72) **TWITCHELL, Edwin, Ray**; 4041 Ross Avenue, San Jose, CA 95124 (US).  
**DUELLO, Wayne**; 6611 Willowdale Court, Hamilton, OH 45011 (US).  
**PLONKA, Robert**; 1621 Kentucky Street, Quincy, IL 62301 (US).

(74) **NIYOGLI, Bidyut, K.**; Transnational Enterprises, Inc., 95 Bulldog Blvd., Suite 207, Melbourne, FL 32901 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **H03F 1/32**

(11) **WO 00/70749** (13) A1

(21) PCT/US00/13008

(22) **14 May/mai 2000 (14.05.2000)**

(25) en (26) en

(30) 09/312,354 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • BROADCAST TRANSMISSION SYSTEM WITH DISTRIBUTED CORRECTION

• SYSTEME DE RADIODIFFUSION A CORRECTIONS REPARTIES

(71) **HARRIS CORPORATION** [US/US]; 1025 West Nasa Blvd, Melbourne, FL 32919 (US).

(72) **TWITCHELL, Edwin, Ray**; 4041 Ross Avenue, San Jose, CA 95124 (US).  
**PLONKA, Robert**; 1621 Kentucky Avenue, Quincy, IL 62301 (US).

(74) **NIYOGLI, Bidyut, K.**; Suite 207, 95 Bulldog Blvd, Melbourne, FL 32901 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **H03F 1/32**

(11) **WO 00/70750** (13) A1

(21) PCT/US00/13130

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/312,353 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • BROADCAST TRANSMISSION SYSTEM WITH SINGLE CORRECTION FILTER FOR CORRECTING LINEAR AND NON-LINEAR DISTORTION

• SYSTEME D'EMISSION DE RADIO-DIFFUSION

(71) **HARRIS CORPORATION** [US/US]; 1025 West Nasa Boulevard, Melbourne, FL 32919 (US).

(72) **TWITCHELL, Edwin, Ray**; 4041 Ross Avenue, San Jose, CA 95124 (US).

(74) **NIYOGLI, Bidyut, K.**; Transnational Enterprises, Inc., 95 Bulldog Boulevard, Suite 207, Melbourne, FL 32901 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **H03F 1/32**

(11) **WO 00/70751** (13) A1

(21) PCT/US00/13149

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 09/312,345 **14 May/mai 1999 US (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • BROADCAST TRANSMISSION SYSTEM WITH CORRECTION FOR DISTORTION

• SYSTEME DE TRANSMISSION DE PROGRAMMES AVEC CORRECTION DES DISTORSIONS

(71) **HARRIS CORPORATION** [US/US]; 1025 West Nasa Blvd, Melbourne, FL 32919 (US).

(72) **TWITCHELL, Edwin, Ray**; 4041 Ross Avenue, San Jose, CA 95124 (US).  
**DUELLO, Wayne**; 6611 Willowdale Court, Hamilton, OH 45011 (US).

- (74) **NIYOGI, Bidyut, K.;** Transnational Enterprises, Inc., Suite 207, 95 Bulldog Blvd., Melbourne, FL 32901 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H03F 3/217, H03G 3/02**
- (11) **WO 00/70752** (13) A1
- (21) PCT/JP00/03187
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) ja (26) ja
- (30) 11/137810 **18 May/mai 1999 JP (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DIGITAL AMPLIFIER  
• AMPLIFICATEUR NUMERIQUE
- (71) **LUCENT TECHNOLOGIES INC.** [US/JP]; Intellectual Property-Law, 1-4-30, Roppongi, Minato-ku, Tokyo 108-8508 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIMURA, Hiroyuki** [JP/JP]; 5-29-21-101, Kamiikedai, Ota-ku, Tokyo 145-0064 (JP).
- (74) **MITSUMATA, Hirofumi;** Lucent Technologies Japan, 1-4-30, Roppongi, Minato-ku, Tokyo 108-8508, Tokyo 108-8508 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H03F 3/38**
- (11) **WO 00/70753** (13) A1
- (21) PCT/US00/13852
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 60/134,817 **19 May/mai 1999 US (19.05.1999)**
- (30) 60/174,399 **5 Jan/jan 2000 US (05.01.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LOAD COMPENSATION TECHNIQUE FOR REACTIVE IMPEDANCE TRANSFORMATION AMPLIFIER OUTPUT STAGE  
• TECHNIQUE DE COMPENSATION DE CHARGE DESTINEE A UN ETAGE DE SORTIE D'UN AMPLIFICATEUR A TRANSFORMATION D'IMPEDANCE REACTIVE
- (71) **JAM TECHNOLOGIES, LLC** [US/US]; Suite 508, 75 Clarendon Street, Boston, MA 02116 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIRN, Larry** [-/US]; 7158 Valleybrook, West Bloomfield, MI 48322 (US).
- (74) **POSA, John, G.** et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, PC, Suite 400, 280 N. Old Woodward Avenue, Birmingham, MI 48009 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H03F 3/38, 1/30**
- (11) **WO 00/70754** (13) A1
- (21) PCT/US00/13934
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 60/134,819 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DISTORTION REDUCTION TECHNIQUE FOR INDUCTIVE BOOST AMPLIFIER  
• TECHNIQUE DE REDUCTION DE DISTORSION, DESTINEE A UN SUR-AMPLIFICATEUR INDUCTIF
- (71) **JAM TECHNOLOGIES, LLC** [US/US]; Suite 508, 75 Clarendon Street, Boston, MA 02116 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIRN, Larry** [US/US]; 7158 Valleybrook, West Bloomfield, MI 48322 (US).
- (74) **POSA, John, G.** et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkows, ki, PC., Suite 400, 280 N. Old Woodward Avenue, Birmingham, MI 49009 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H03F 3/45**
- (11) **WO 00/70755** (13) A1
- (21) PCT/JP00/03049
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) ja (26) ja
- (30) 11/131424 **12 May/mai 1999 JP (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SIGNAL AMPLIFIER AND BALANCED INPUT/OUTPUT DIFFERENTIAL AMPLIFIER  
• AMPLIFICATEUR DE SIGNAUX ET AMPLIFICATEUR DIFFERENTIEL ENTREE/SORTIE EQUILIBRE
- (71) **LUCENT TECHNOLOGIES INC.** [US/JP]; Intellectual Property-law, 1-4-30, Roppongi, Minato-ku, Tokyo 108-8508 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIMURA, Hiroyuki** [JP/JP]; 5-29-21-101, Kamiikedai, Ota-ku, Tokyo 145-0064 (JP).
- (74) **MITSUMATA, Hirofumi;** Lucent Technologies Japan, 1-4-30, Roppongi, Minato-ku, Tokyo 108-8508 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H03F 3/45**
- (11) **WO 00/70756** (13) A1
- (21) PCT/US00/13355
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/311,234 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • COMPENSATION MECHANISM FOR COMPENSATING BIAS LEVELS OF AN OPERATION CIRCUIT IN RESPONSE TO SUPPLY VOLTAGE CHANGES  
• MECANISME DE COMPENSATION DES NIVEAUX DE POLARISATION D'UN CIRCUIT OPERATIONNEL EN REACTION AUX VARIATIONS DE LA TENSION D'ALIMENTATION
- (71) **HONEYWELL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).  
(for all designated States except / pour tous les États désignés sauf US)



(72, 75) **TANJI, Todd, M.** [-/US]; 1467 Pond Synde North, Eagan, MN 55122 (US).  
**WENTINK, Robert, S.** [-/US]; 1765 Arona Street, Falcon Heights, MN 55113 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell Inc., (Law Dept., Attn: A. Olinger), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H03H 7/06, 7/12**

(11) **WO 00/70757** (13) A1

(21) PCT/US00/13425

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/312,924 **17 May/mai 1999 US (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ENHANCED LC FILTER WITH TUNABLE Q

• FILTRE LC AMELIORE A Q ACCORDABLE

(71) **MAXIM INTEGRATED PRODUCTS, INC.** [US/US]; 120 San Gabriel Drive, Sunnyvale, CA 94086 (US).

(72) **MEYER, Robert, G.**; 981 Middlefield Road, Berkeley, CA 94708 (US). **AVASARALA, Madhu**; 3152 Corby Drive, San Jose, CA 95148 (US).

(74) **MACKENZIE, Douglas, E.**; Hickman Stephens Coleman & Hughes, P.O. Box 52037, Palo Alto, CA 94303-0746 (US).

(81) CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **H03H 9/64, 9/145, 9/25**

(11) **WO 00/70758** (13) A1

(21) PCT/JP00/02906

(22) **2 May/mai 2000 (02.05.2000)**

(25) ja (26) ja

(30) 11/134021 **14 May/mai 1999 JP (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SURFACE ACOUSTIC WAVE DEVICE  
 • DISPOSITIF D'ONDE ACOUSTIQUE DE SURFACE

(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210-8572 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ICHIKAWA, Satoshi** [JP/JP]; 22-9, Aoto 6-chome, Katsushika-ku, Tokyo 125-0062 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP SG US; EP (DE FR GB).

(51)<sup>7</sup> **H03H 11/04**

(11) **WO 00/70759** (13) A1

(21) PCT/US00/13252

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 09/311,246 **13 May/mai 1999 US (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • FILTER WITH CONTROLLED OFFSETS FOR ACTIVE FILTER SELECTIVITY AND DC OFFSET CONTROL

• FILTRE A DECALAGE COMMANDE POUR LA SELECTIVITE DE FILTRAGE ACTIVE ET LA COMMANDE DE DECALAGE DE COURANT CONTINU

(71) **HONEYWELL, INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

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

(72, 75) **PAGLIOLO, Joseph, P.** [-/US]; 1180 50th Avenue N.E., Columbia Heights, MN 55421 (US). **YATES, Steven, B.** [-/US]; 5636 Edgewater Boulevard, Minneapolis, MN 55417 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell Inc. (Law Dept., Attn: A. Olinger), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H03H 11/08**

(11) **WO 00/70760** (13) A1

(21) PCT/US00/13352

(22) **15 May/mai 2000 (15.05.2000)**

(25) en (26) en

(30) 09/311,105 **13 May/mai 1999 US (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DIFFERENTIAL FILTER WITH GYRATOR

• FILTRE DIFFERENTIEL AVEC GYRATEUR

(71) **HONEYWELL INC.** [US/US]; 101 Columbia Road, Morristown, NJ 07962-2245 (US).

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

(72, 75) **HELGESON, Michael, A.** [-/US]; 1615 Blackhawk Hills Road, Eagan, MN 55122 (US). **MAILE, Keith, R.** [-/US]; 1380 Pike Lake Court, Saint Paul, MN 55112 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell Inc. (Law Dept., Attn: A. Olinger), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H03K 5/12**

(11) **WO 00/70761** (13) A1

(21) PCT/EP00/03879

(22) **28 Apr/avr 2000 (28.04.2000)**

(25) de (26) de

(30) 99109552.2 **12 May/mai 1999 EP (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • CIRCUIT ARRANGEMENT FOR GENERATING CURRENT IMPULSES IN THE SUPPLY CURRENT OF INTEGRATED CIRCUITS

• MONTAGE SERVANT A PRODUIRE DES IMPULSIONS ELECTRIQUES DANS LE COURANT D'ALIMENTATION DE CIRCUITS INTEGRES

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, D-81541 München (DE).

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

(72, 75) **SCHNEIDER, Otto** [DE/DE]; Am Fohlenhof 14, D-85290 Geisenfeld (DE). **UFFMANN, Dirk** [DE/DE]; Barschweg 4, D-81825 München (DE).

(74) **INFINEON TECHNOLOGIES AG**; Zedlitz, Peter, Postfach 22 13 17, D-80503 München (DE).

(81) BR CN IN JP KR MX RU UA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **H03K 7/08**

(11) **WO 00/70762** (13) A1

(21) PCT/US00/13841

- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 60/134,818 **19 May/mai 1999 US (19.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DIGITAL AMPLIFIER LINEARIZATION USING ANALOG FEEDBACK  
• LINEARISATION D'UN AMPLIFICATEUR NUMERIQUE PAR RETROACTION ANALOGIQUE
- (71) **JAM TECHNOLOGIES, LLC** [US/US]; Suite 508, 75 Clarendon Street, Boston, MA 02116 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KIRN, Larry** [-/US]; 7158 Valleybrook, West Bloomfield, MI 48322 (US).
- (74) **POSA, John, G.** et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, PC, Suite 400, 280 N. Old Woodward Avenue, Birmingham, MI 48009 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
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- (51)<sup>7</sup> **H03K 17/10**
- (11) **WO 00/70763** (13) A1
- (21) PCT/EP00/04192
- (22) **1 May/mai 2000 (01.05.2000)**
- (25) en (26) en
- (30) 99201518.0 **14 May/mai 1999 EP (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A HIGH-VOLTAGE LEVEL TOLERANT TRANSISTOR CIRCUIT  
• CIRCUIT A TRANSISTORS TOLERANT DES HAUTES TENSIONS
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **ANNEMA, Anne, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **GEELEN, Godefridus, J., G., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **DUIJVESTIJN, Adrianus, J.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **H03K 19/0175, H04L 25/02**
- (11) **WO 00/70764** (13) A1
- (21) PCT/DE00/01382
- (22) **3 May/mai 2000 (03.05.2000)**
- (25) de (26) de
- (30) 199 22 123.5 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • COMPACT BUS INTERFACE WITH AN INTEGRATED ELECTRICAL ISOLATION  
• INTERFACE DE BUS COMPACTE A ISOLEMENT ELECTRIQUE INTEGRE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MUNZ, Dieter** [DE/DE]; Tilman-Riemenschneider-Str. 19, D-91315 Höchststadt (DE). **GÜNTHER, Harald** [DE/DE]; Ulmenstrasse 63, D-90537 Feucht (DE). **STAUDT, Michael** [DE/DE]; Leers-tetter Strasse 110, D-90469 Nürnberg (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **H03K 19/02, 17/51, H03F 1/22**
- (11) **WO 00/70765** (13) A1
- (21) PCT/SE00/00942
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 60/133,886 **12 May/mai 1999 US (12.05.1999)**
- (30) 09/567,015 **9 May/mai 2000 US (09.05.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CASCODE SIGNAL DRIVER WITH LOW HARMONIC CONTENT  
• CIRCUIT DE COMMANDE CASCODE DE SIGNAUX A ENSEMBLE D'HARMONIQUES REDUIT
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **MATTISSON, Sven**; Majorsvägen 1, S-237 32 Bjärred (SE). **SVENSSON, Lars**; Sten Sturegatan 36, 7 tr, S-412 52 Göteborg (SE).
- (74) **ERICSSON MOBILE COMMUNICATIONS AB**; IPR Department, S-221 83 Lund (SE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (81) AE AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H03L 7/06**
- (11) **WO 00/70766** (13) A1
- (21) PCT/US00/13720
- (22) **19 May/mai 2000 (19.05.2000)**
- (25) en (26) en
- (30) 60/134,960 **19 May/mai 1999 US (19.05.1999)**
- (30) 09/574,683 **17 May/mai 2000 US (17.05.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR PLL WITH IMPROVED JITTER PERFORMANCE  
• PROCEDE ET APPAREIL POUR BOUCLE A PHASE ASSERVIE (PLL) A GIGUE REDUITE
- (71) **PARTHUS TECHNOLOGIES PLC** [IE/IE]; 32-34 Harcourt Street, Dublin 2 (IE).  
*(for all designated States except / pour tous les États désignés sauf US ZW)*
- (71) **SILICON SYSTEMS (US), INC.** [US/US]; 2033 Gateway Place, Suite 150, San Jose, CA 95110 (US).  
*(only for / seulement pour ZW)*
- (71, 72) **SMYTH, Mark, M.** [IE/IE]; Lisselan, Tramore, Co. Waterford (IE). **FOLEY, David, J.** [IE/IE]; -, Ahlone Road, Ferbane, Co Offaly (IE).
- (72, 75) **HORAN, John** [IE/IE]; 29 The Greens, Ballytrasna, Little Island, Cork (IE). **RYAN, John, G.** [IE/IE]; Sequoia, Monastery Road, Rochestown, Cork (IE).
- (74) **MALLIE, Michael, J.**; 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 BY 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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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(51)<sup>7</sup> H03L 7/181, 7/085

(11) WO 00/70767 (13) A1

(21) PCT/IL00/00280

(22) 18 May/mai 2000 (18.05.2000)

(25) en (26) en

(30) 09/313,175 18 May/mai 1999 US  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • DIGITAL PLL SYSTEM AND FAST  
FREQUENCY SWITCHING METHOD• SYSTEME PLL NUMERIQUE ET PRO-  
CEDE DE CHANGEMENT DE FRE-  
QUENCE RAPIDE(71, 72) ZUTA, Marc [IL/IL]; Ben Yehuda  
Street 19, 49373 Petah Tikva (IL). ZUTA,  
Idan [IL/IL]; Ben Yehuda Street 19, 49373  
Petah Tikva (IL).(74) ZUTA, Marc; Ben Yehuda Street 19, 49373  
Petah Tikva (IL).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY 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 NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG US UZ  
VN YU ZA ZW; AP (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  
CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE); OA (BF BJ CF CG CI CM  
GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H03M 5/14, G11B 20/14

(11) WO 00/70768 (13) A1

(21) PCT/EP00/03794

(22) 25 Apr/avr 2000 (25.04.2000)

(25) en (26) en

(30) 99201475.3 12 May/mai 1999 EP  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • APPARATUS FOR DECODING A SE-  
RIAL DATASTREAM OF CHANNEL  
WORDS INTO A DATASTREAM OF  
INFORMATION WORDS• APPAREIL DE DECODAGE D'UN  
FLUX SERIEL DE DONNEES DE  
MOTS BINAIRES SOUS FORME  
D'UN FLUX DE DONNEES DE MOTS  
D'INFORMATION(71) KONINKLIJKE PHILIPS ELECTRO-  
NICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).(72) KAHLMAN, Josephus, A., H., M.; Prof.  
Holstlaan 6, NL-5656 AA Eindhoven (NL).(74) VAN DER KRUK, Willem, L.; Internatio-  
naal Octrooibureau B.V., Prof. Holstlaan 6,  
NL-5656 AA Eindhoven (NL).(81) JP KR; EP (AT BE CH CY DE DK ES FI  
FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> H03M 7/00, H03G 5/16

(11) WO 00/70769 (13) A1

(21) PCT/JP00/02965

(22) 10 May/mai 2000 (10.05.2000)

(25) ja (26) ja

(30) 11/133816 14 May/mai 1999 JP  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND APPARATUS FOR EX-  
PANDING BAND OF AUDIO SIGNAL• PROCEDE ET APPAREIL  
D'ELARGISSEMENT DE LA BANDE  
D'UN SIGNAL AUDIO(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) IWATA, Kazuya [JP/JP]; 4-59-11,  
Kisaichi, Katano-shi, Osaka 576-0033 (JP).  
EJIMA, Naoki [JP/JP]; 12-10, Kitaku-  
zuka-cho, Hirakata-shi, Osaka 573-1102  
(JP). SOBAJIMA, Akira [JP/JP]; 30-75,  
Murano-honmachi, Hirakata-shi, Osaka  
573-0016 (JP).(74) AOYAMA, Tamotsu et al. / etc.; Aoyama  
& Partners, IMP Building, 3-7, Shiromi  
1-chome, Chuo-ku, Osaka-shi, Osaka  
540-0001 (JP).(81) JP US; EP (AT BE CH CY DE DK ES FI  
FR GB GR IE IT LU MC NL PT SE).(51)<sup>7</sup> H03M 7/30, H04L 29/06

(11) WO 00/70770 (13) A1

(21) PCT/GB00/01794

(22) 10 May/mai 2000 (10.05.2000)

(25) en (26) en

(30) 9911099.1 13 May/mai 1999 GB  
(13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • COMPRESSION/DECOMPRESSION  
METHOD• PROCEDE DE COMPRES-  
SION/DECOMPRESSION(71) EURONET UK LIMITED [GB/GB]; 57  
Tinshill Mount, Cookridge, Leeds LS16 7BI  
(GB).(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) MIDDLETON, Guy [GB/GB]; 57 Tin-  
shill Mount, Cookridge, Leeds LS16 7BL  
(GB).(74) BAILEY WALSH & CO.; 5 York Place,  
Leeds LS1 2SD (GB).(81) AE AL AM AT AU AZ BA BB BG BR BY  
CA CH CN CU CZ DE DK 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 NO NZ PL  
PT RO RU SD SE SG SI SK SL TJ TM TR  
TT UA UG US UZ VN YU ZA ZW; AP  
(GH GM KE LS MW SD SL SZ TZ UG  
ZW); EA (AM AZ BY KG KZ MD RU TJ  
TM); EP (AT BE CH CY DE DK ES FI FR  
GB GR IE IT LU MC NL PT SE); OA (BF  
BJ CF CG CI CM GA GN GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H03M 13/27

(11) WO 00/70771 (13) A1

(21) PCT/KR00/00504

(22) 19 May/mai 2000 (19.05.2000)

(25) en (26) en

(30) 1999/18928 19 May/mai 1999 KR  
(19.05.1999)(30) 1999/18560 21 May/mai 1999 KR  
(21.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • TURBO INTERLEAVING APPARATUS  
AND METHOD• DISPOSITIF ET PROCEDE DE TURBO  
ENTRELACEMENT(71) SAMSUNG ELECTRONICS CO., LTD.  
[KR/KR]; 416, Maetan-dong, Paldal-gu, Su-  
won-shi, Kyungki-do 442-370 (KR).(72) KIM, Min-Goo; 973-3, Youngtong-dong,  
Paldal-gu, Suwon-shi, Kyonggi-do 442-470  
(KR). KIM, Beong-Jo; Shinan Apt.  
#303-804 201 Mujigaemaoul, Kumi-dong,  
Puntang-gu, Songnam-shi, Kyonggi-do  
463-500 (KR). CHOI, Soon-Jae; Kyun-  
gnam Apt. #707-402 o Yatap-dong,  
Puntang-gu, Songnam-shi, Kyonggi-do  
463-070 (KR). LEE, Young-Hwan;  
237-7, Chongja-dong, Puntang-gu, Son-  
gnam-shi, Kyonggi-do 463-010 (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  
BY 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 NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG UZ VN  
YU ZA ZW; EP (AT BE CH CY DE DK ES  
FI FR GB GR IE IT LU MC NL PT SE).(51)<sup>7</sup> H03M 13/35

(11) WO 00/70772 (13) A1

(21) PCT/US00/12579

(22) 8 May/mai 2000 (08.05.2000)

(25) en (26) en

(30) 09/314,578 18 May/mai 1999 US  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

- (54) • DYNAMIC FORWARD ERROR CORRECTION  
• CORRECTION AVAL DYNAMIQUE D'ERREURS
- (71) **OMNIPOINT CORPORATION** [US/US]; c/o VoiceStream Wireless Corporation, 3650 131st Avenue, S.E. Bellevue, WA 98006 (US).
- (72) **MORRIS, Russell, A.**; 1528 Creekview Drive, Keller, TX 76248 (US). **BARABASH, Darrell, W.**; 3216 Shady Glen Drive, Grapevine, TX 76051 (US).
- (74) **HEMMINGER, Steven, D.**; Lyon & Lyon LLP, 633 West Fifth Street, Suite 4700, Los Angeles, CA 90071-2066 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04B**
- (11) **WO 00/70773** (13) A2
- (21) PCT/US00/12792
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 09/310,232 **12 May/mai 1999 US (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • AMPLITUDE AND PHASE ESTIMATION METHOD IN A WIRELESS COMMUNICATION SYSTEM  
• PROCEDE D'ESTIMATION D'AMPLITUDE ET DE PHASE DANS UN SYSTEME DE COMMUNICATION SANS FIL
- (71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).
- (72) **LING, Fuyun**; 11382 Wills Creek Road, San Diego, CA 92131 (US).
- (74) **WADSWORTH, Philip, R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04B 1/06**
- (11) **WO 00/70774** (13) A1
- (21) PCT/US00/11412
- (22) **28 Apr/avr 2000 (28.04.2000)**
- (25) en (26) en
- (30) 09/313,730 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR OBTAINING OPTIMAL PERFORMANCE IN A RECEIVER  
• PROCEDE ET APPAREIL PERMETTANT DE REALISER DES PERFORMANCES OPTIMALES DANS UN RECEPTEUR
- (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **USKALI, Robert**; 1504 Coventry Road, Schaumburg, IL 60195 (US). **HART, William, C., Jr.**; 9942 Chetwood Drive, Huntley, IL 60142 (US). **IEHL, Brian**; 1495 Gentry Road, Hoffman Estates, IL 60195 (US).
- (74) **BOSE, Romi, N.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04B 1/08, G01S 1/04**
- (11) **WO 00/70775** (13) A1
- (21) PCT/RU99/00167
- (22) **19 May/mai 1999 (19.05.1999)**
- (25) ru (26) ru
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PORTABLE RECEIVER-INDICATOR FOR SATELLITE RADIO-NAVIGATION SYSTEMS  
• RECEPTEUR-INDICATEUR PORTABLE POUR SYSTEMES DE RADIO-NAVIGATION PAR SATELLITE
- (71) **SAMSUNG ELECTRONICS COMPANY, LIMITED** [KR/KR]; 416, Maetan-3 dong, Paldal-ku, Suwon City, Gyungki-do (KR).  
(only for / seulement pour AT AU BE CH CN CY DE DK ES FI FR GB GR IE IT JP KR LU MC NL PT SE)
- (71) **JSC "KOTLIN FIRM"** [RU/RU]; Obvodnoy Kanal, 14, St.Petersburg, 193019 (RU).  
(only for / seulement pour RU)
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- (72, 75) **ROG, Andrei Leonidovich** [RU/RU]; Otkrytoe shosse, 17-1-17, Moscow, 107143 (RU). **BEDRIN, Igor Borisovich** [RU/RU]; Prospect Vетaranov, 45-45, St.Petersburg, 198255 (RU). **IVANOV, Vladimir Nikolaevich** [RU/RU]; Perevozny per., 9-85, St.Petersburg, 195297 (RU). **KORULIN, Vitaly Nikolaevich** [RU/RU]; ul. Shatmana, 18-155, St.Petersburg, 193232 (RU). **MALASHIN, Viktor Ivanovich** [RU/RU]; pr. Nauki, 44-336, St.Petersburg, 195273 (RU). **NAGAEV, Farid Ibragimovich** [RU/RU]; 15 liniya, 32-11, St.Petersburg, 193232 (RU). **POVERENNY, Denis Georgievich** [RU/RU]; Suzdalsky pr., 91-3, St.Petersburg, 195297 (RU). **SHEBSHAEVICH, Boris Valentinovich** [RU/RU]; nab. reki Moiki, 104-3, St.Petersburg, 190121 (RU). **SILIN, Mikhail Jurievich** [RU/RU]; Semenovskara nab., 3/1-2-49, Moscow, 105094 (RU). **PISAREV, Sergei Borisovich** [RU/RU]; Krasnoputilovskaya ul., 12-22, St.Petersburg, 198152 (RU). **USTINOV, Igor Vladimirovich** [RU/RU]; Tavricheskaya ul., 45-102, St.Petersburg, 193015 (RU). **SOLDATENKOV, Anatoly Nikolaevich** [RU/RU]; ul. Rubenshteina, 23-1, St.Petersburg, 191002 (RU).
- (74) **ROSLOV, Vladimir Nikolaevich**; ul. Butlerova, 4-2-128, Moscow, 117485 (RU).
- (81) AU CN JP KR RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H04B 1/10, 17/00**
- (11) **WO 00/70776** (13) A1
- (21) PCT/FR00/01310
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) fr (26) fr
- (30) 99/06222 **17 May/mai 1999 FR (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND DEVICE FOR THE RADIOELECTRICAL TRANSMISSION OF ORIGINAL SIGNALS, ESPECIALLY SOUND SIGNALS  
• PROCEDE ET DISPOSITIF DE TRANSMISSION RADIOELECTRIQUE DE SIGNAUX D'ORIGINE, EN PARTICULIER DE SIGNAUX SONORES
- (71) **ATRAL** [FR/FR]; Rue du Pré de l'Orme, F-38190 Crolles (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAULEAU, Alain** [FR/FR]; 505, chemin du Ballois, F-38190 Bernin (FR).
- (74) **BUREAU D.A. CASALONGA-JOSSE**; 8, avenue Percier, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B 1/38

- (11) WO 00/70777 (13) A1  
 (21) PCT/EP00/04404  
 (22) 11 May/mai 2000 (11.05.2000)  
 (25) en (26) en  
 (30) 11/170081 14 May/mai 1999 JP  
 (14.05.1999)  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • RADIO COMMUNICATION APPARATUS  
 • APPAREIL DE COMMUNICATION PAR RADIO  
 (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) OGAWA, Yutaka [JP/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).  
 (74) SCHRIJNEMAËKERS, Hubert, J., M.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).  
 (81) KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> H04B 1/38, H02J 7/00

- (11) WO 00/70778 (13) A1  
 (21) PCT/FR00/01251  
 (22) 10 May/mai 2000 (10.05.2000)  
 (25) fr (26) fr  
 (30) 99/06107 12 May/mai 1999 FR  
 (12.05.1999)  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • RADIOTELEPHONE SET  
 • POSTE DE RADIOTELEPHONIE  
 (71) ATRAL [FR/FR]; Rue du Pré de l'Orme, F-38190 Crolles (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) NAULEAU, Alain [FR/FR]; 505, chemin du Ballois, F-38190 Bernin (FR).  
 (74) BUREAU D.A. CASALONGA-JOSSE; 8, avenue Percier, F-75008 Paris (FR).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B 1/38

- (11) WO 00/70779 (13) A1  
 (21) PCT/KR00/00343  
 (22) 12 Apr/avr 2000 (12.04.2000)  
 (25) en (26) en  
 (30) 1999/8312 U 14 May/mai 1999 KR  
 (14.05.1999)  
 (30) 1999/30849 U 31 Dec/déc 1999 KR  
 (31.12.1999)  
 (30) 2000/4724 U 21 Feb/fév 2000 KR  
 (21.02.2000)  
 (30) 2000/7389 U 15 Mar/mar 2000 KR  
 (15.03.2000)  
 (30) 2000/9108 U 30 Mar/mar 2000 KR  
 (30.03.2000)  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • COMBINED-USE ASSEMBLY OF MOBILE TELEPHONE AND AUDIO  
 • ENSEMBLE A UTILISATION COMBINÉE DE TELEPHONE MOBILE ET D'APPAREIL AUDIO  
 (71, 72) LEE, Ki-Chang [KR/KR]; DongAh-3 Bldg., 832-22, 2nd Floor, Todang-dong, Dukyang-ku, Koyang City, Kyunggi-do 412-210 (KR).  
 (81) AT AU BR CA CH CN DE DK ES FI GB ID IL JP KR MX NO NZ PT RU SE SG US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> H04B 1/38, H04M 1/00

- (11) WO 00/70780 (13) A1  
 (21) PCT/US00/13605  
 (22) 18 May/mai 2000 (18.05.2000)  
 (25) en (26) en  
 (30) 09/315,371 18 May/mai 1999 US  
 (18.05.1999)  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • DIGITAL WIRELESS LOCAL LOOP FAX/DATA INTERFACE  
 • INTERFACE TELECOPIE/DONNEES DE LIGNE NUMERIQUE LOCALE SANS FIL  
 (71) MAXON ELECTRONICS CORPORATION OF AMERICA, INC. [US/US]; 10828 N.W. Airworld Drive, Kansas City, MO 64153 (US).  
 (72) CHO, Yong, Seok; 8000 N.W. Serene Avenue, Kansas City, MO 64152 (US).  
 (74) LUEBBERING, Thomas, B.; Hovey, Williams, Timmons & Collins, Suite 400, 2405 Grand Boulevard, Kansas City, MO 64108 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B 1/40

- (11) WO 00/70781 (13) A1  
 (21) PCT/KR00/00439  
 (22) 10 May/mai 2000 (10.05.2000)  
 (25) ko (26) en  
 (30) 1999/8226 U 14 May/mai 1999 KR  
 (14.05.1999)  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • MOBILE TERMINAL UNIT  
 • POSTE MOBILE  
 (71) MTEK SEMICON CO., LTD. [KR/KR]; RM202, Kyo Dea Venture Tower 1627-1, Seocho-dong, Seocho-gu, Seoul 137-070 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) JEON, Ki [KR/KR]; 699, Itaewon-dong, Yongsan-gu, Seoul 140-202 (KR). CHOI, Sung, Hyun [KR/KR]; #215-901, Dong-A Apt., Hyojachon, 297, Seohyoun-dong, Bundang-gu, Seongnam-shi, Kyoungki-do 463-050 (KR).  
 (74) YANG, Soon, Seok; Kangnam-jeil Building, 4th Floor, 822-4, Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).  
 (81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> H04B 1/69

- (11) WO 00/70782 (13) A1  
 (21) PCT/US00/04860  
 (22) 25 Feb/fév 2000 (25.02.2000)  
 (25) en (26) en  
 (30) 09/311,794 13 May/mai 1999 US  
 (13.05.1999)  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • METHOD AND SELECTOR FOR PERFORMING SELECTION IN A COMMUNICATION SYSTEM  
 • PROCEDE ET SELECTEUR PERMETTANT D'EFFECTUER UNE SELECTION DANS UN SYSTEME DE COMMUNICATION  
 (71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).  
 (72) NEUMILLER, Phillip, D.; 837 Blue Mesa Trail, Cary, IL 60013 (US). LEI, Peter; 955 Hapfield Drive, Arlington Heights, IL 60004 (US). STEWART, Randall, R.; 24 Burning Bush Trail, Crystal Lake, IL 60014 (US).

- (74) **HAAS, Kenneth, A.** et al. / etc.; Motorola, Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (81) BR JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H04B 7/00, H04H 7/00, G09B 5/10, 5/14**
- (11) **WO 00/70783** (13) A1
- (21) PCT/IN99/00017
- (22) **18 May/mai 1999 (18.05.1999)**
- (25) en (26) en
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● INTERACTIVE PARTICIPATION SYSTEM FOR AUDIENCE
- SYSTEME DE PARTICIPATION INTERACTIVE POUR PUBLIC
- (71, 72) **TAMBE, Mohan** [IN/IN]; Hal 2nd Stage, #3278, 12th Main Road, Bangalore 560 008 (IN). **SINGH, Samar, Jit** [IN/IN]; F-1, 'The Serenade', 23/5, Benson Cross Road, Bangalore 560 046 (IN). **MENON, Pullat, Devadas** [IN/SG]; 3 Pandan Valley #09-303, Chempaka Court, Singapore 579627 (SG).
- (74) **BOAZ, Rani** et al. / etc.; Krishna & Saunrastrai, 74/F, Venus, Worli Sea Face, Mumbai 400 018 (IN).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04B 7/005**
- (11) **WO 00/70784** (13) A1
- (21) PCT/US00/13261
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/311,250 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● WIRELESS SYSTEM WITH TRANSMISSION POWER CONTROL
- SYSTEME DE COMMUNICATION SANS FIL AVEC COMMANDE DE LA PUISSANCE DE TRANSMISSION
- (71) **HONEYWELL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HELGESON, Michael, A.** [-/US]; 1615 Blackhawk Hills Road, Eagan, MN 55122 (US).
- (74) **CRISS, Roger, H.** et al. / etc.; Honeywell Inc., Law Dept., Attn: A. Olinger, 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H04B 7/02, H04Q 7/38**
- (11) **WO 00/70785** (13) A1
- (21) PCT/EP00/03699
- (22) **26 Apr/avr 2000 (26.04.2000)**
- (25) en (26) en
- (30) 9911084.3 **12 May/mai 1999 GB (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD FOR TRANSMITTING SIGNALS FROM A PLURALITY OF BASE STATIONS TO A MOBILE STATION
- PROCEDE DE TRANSMISSION DE SIGNAUX DE PLUSIEURS STATIONS DE BASE VERS UNE STATION MOBILE
- (71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TOSKALA, Antti** [FI/FI]; Katajaharjuntie 4 C 48, FIN-00200 Helsinki (FI).
- (74) **STYLE, Kelda, Camilla, Karen;** Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04B 7/155**
- (11) **WO 00/70786** (13) A1
- (21) PCT/KR00/00454
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/133,790 **12 May/mai 1999 US (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD FOR SUPPORTING A DISCONTINUOUS TRANSMISSION MODE IN A BASE STATION IN A MOBILE COMMUNICATION SYSTEM
- PROCEDE PERMETTANT A UNE STATION DE BASE D'ASSURER UN MODE DE TRANSMISSION DISCONTINU DANS UN SYSTEME DE COMMUNICATIONS MOBILES
- (71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, Kyungki-do 442-370 (KR).
- (72) **LEE, Hyun-Seok;** Jugong Apt. 4danji #420-106, Chamshil 3-dong, Songpa-gu, Seoul 138-790 (KR). **CHANG, Yong;** 117, Chongja-dong, Puntang-gu, Songnam-shi, Kyonggi-do 463-010 (KR).
- (74) **LEE, Keon-Joo;** Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).
- (81) AU BR CA CN IN JP KR RU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H04B 7/185**
- (11) **WO 00/70787** (13) A1
- (21) PCT/GB00/01617
- (22) **26 Apr/avr 2000 (26.04.2000)**
- (25) en (26) en
- (30) 99303734.0 **13 May/mai 1999 EP (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● PACKET RADIO SERVICE IN SATELLITE MOBILE TELEPHONE SYSTEM
- SERVICE DE RADIOCOMMUNICATION A COMMUTATION PAR PAQUET INTEGRE DANS UN SYSTEME DE TELEPHONIE MOBILE
- (71) **ICO Services Ltd.** [GB/GB]; 1 Queen Caroline Street, London W6 9BN (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRAYSON, Mark** [GB/GB]; 71 Paxton Road, Chiswick, London W4 2QT (GB). **GOERKE, Thomas** [AU/AU]; 32 The Highway, Stanmore, Middlesex HA7 3PN (GB).
- (74) **GEARY, Stuart, Lloyd** et al. / etc.; Venner, Shipley & Co, 20 Little Britain, London EC1A 7DH (GB).
- (81) JP US.

- (51)<sup>7</sup> **H04B 7/185**  
 (11) **WO 00/70788** (13) A1  
 (21) PCT/GB00/01618  
 (22) **26 Apr/avr 2000 (26.04.2000)**  
 (25) en (26) en  
 (30) 99303731.6 **13 May/mai 1999 EP (13.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • BROADCAST CONTROL CHANNEL RECEPTION  
 • RECEPTION DE CANAL DE DIFFUSION  
 (71) **ICO SERVICES LTD.** [GB/GB]; 1 Queen Caroline Street, London W6 9BN (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **GRAYSON, Mark** [GB/GB]; 71 Paxton Road, Chiswick, London W4 2QT (GB).  
 (74) **VENNER, SHIPLEY & CO.;** 20 Little Britain, London EC1A 7DH (GB).  
 (81) JP US.
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- (51)<sup>7</sup> **H04B 7/185**  
 (11) **WO 00/70789** (13) A1  
 (21) PCT/GB00/01651  
 (22) **28 Apr/avr 2000 (28.04.2000)**  
 (25) en (26) en  
 (30) 99303772.0 **14 May/mai 1999 EP (14.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • INTERFERENCE CANCELLATION  
 • ELIMINATION D'INTERFERENCES  
 (71) **ICO SERVICES LTD.** [GB/GB]; 1 Queen Caroline Street, London W6 9BN (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **WYRWAS, Richard** [GB/GB]; 54 The Mall, Southgate, London N14 6LN (GB).  
 (74) **READ, Matthew, Charles** et al. / etc.; Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH (GB).  
 (81) JP US.
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- (51)<sup>7</sup> **H04B 7/185**  
 (11) **WO 00/70790** (13) A1  
 (21) PCT/GB00/01659  
 (22) **28 Apr/avr 2000 (28.04.2000)**  
 (25) en (26) en  
 (30) 99303720.9 **12 May/mai 1999 EP (12.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • USER TERMINAL  
 • TERMINAL D'UTILISATEUR
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- (71) **ICO SERVICES LTD.** [GB/GB]; 1 Queen Caroline Street, London W6 9BN (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **BAINS, Navjit, Singh** [GB/GB]; 18 Kendrick Road, Slough, Berkshire SL3 7PQ (GB).  
 (74) **VENNER, SHIPLEY & CO.;** 20 Little Britain, London EC1A 7DH (GB).  
 (81) JP US.
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- (51)<sup>7</sup> **H04B 7/216**  
 (11) **WO 00/70791** (13) A1  
 (21) PCT/KR00/00453  
 (22) **12 May/mai 2000 (12.05.2000)**  
 (25) en (26) en  
 (30) 60/133,790 **12 May/mai 1999 US (12.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • METHOD OF PROVIDING BURST TIMING FOR HIGH-SPEED DATA TRANSMISSION IN A BASE STATION TRANSCIEVER SYSTEM OF A MOBILE COMMUNICATION SYSTEM  
 • PROCEDE DE SYNCHRONISATION DE SALVE POUR TRANSMISSION DE DONNEES A GRANDE VITESSE DANS UN SYSTEME EMETTEUR-RECEPTEUR DE STATION DE BASE D'UN SYSTEME DE TELECOMMUNICATIONS MOBILES  
 (71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, Kyungki-do 442-370 (KR).  
 (72) **LEE, Hyun-Seok;** Jugong Apt. 4-danji, #420-106, Chamshil 3-dong, Songpa-gu, Seoul 138-790 (KR). **CHANG, Yong;** 117, Chongja-dong, Puntang-gu, Songnam-shi, Kyonggi-do 463-010 (KR).  
 (74) **LEE, Keon-Joo;** Mihwa Building, 110-2, Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (KR).  
 (81) AU BR CA CN IN JP KR RU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H04B 7/216**  
 (11) **WO 00/70792** (13) A1  
 (21) PCT/US00/12674  
 (22) **10 May/mai 2000 (10.05.2000)**  
 (25) en (26) en  
 (30) 09/314,819 **19 May/mai 1999 US (19.05.1999)**  
 (30) 09/558,121 **25 Apr/avr 2000 US (25.04.2000)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • METHOD AND APPARATUS FOR ACQUISITION OF A SPREAD-SPECTRUM SIGNAL  
 • PROCEDE ET APPAREIL D'ACQUISITION D'UN SIGNAL A ETALEMENT DU SPECTRE  
 (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).  
 (72) **LAROSA, Christopher, Peter;** 835 Throldale Court, Lake Zurich, IL 60047 (US). **STORM, Brian, David;** 2725 Mallard Lane, Round Lake Beach, IL 60073 (US). **CARNEY, Michael, John;** 1544B N. Seminary Avenue, Woodstock, IL 60098 (US). **BECKER, Christopher;** 228 W. Wilson Unit B, Palatine, IL 60067 (US). **SCHIRTZINGER, Tracie, Ann;** 1239 Mark Court, Woodstock, IL 60098 (US). **STECKL, Dave;** 621 N. Sandy Lane #104, Elkhorn, WI 53121 (US).  
 (74) **BARTUSIAK, Paul, J.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 600 North U.S. Highway 45, Libertyville, IL 60048 (US).  
 (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04B 7/26, H04Q 7/38, H04J 3/06**  
 (11) **WO 00/70793** (13) A1  
 (21) PCT/FI00/00439  
 (22) **16 May/mai 2000 (16.05.2000)**  
 (25) en (26) en  
 (30) 991123 **17 May/mai 1999 FI (17.05.1999)**  
 (30) 19992465 **17 Nov/nov 1999 FI (17.11.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • METHOD AND ARRANGEMENT FOR ENHANCING PRE-SYNCHRONIZATION RELIABILITY IN A CELLULAR RADIO SYSTEM  
 • PROCEDE ET DISPOSITIF PERMETTANT D'AMELIORER LA FIABILITE DE PRE-SYNCHRONISATION DANS UN SYSTEME RADIO CELLULAIRE  
 (71) **NOKIA MOBILE PHONES LTD.** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **SEBIRE, Benoist** [FR/FI]; Luotsikatu 16 A, FIN-00160 Helsinki (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 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **H04B 7/26, H04M 11/00, G06F 13/00, 3/00, 17/30**

(11) **WO 00/70794** (13) A1

(21) PCT/JP00/03105

(22) **15 May/mai 2000 (15.05.2000)**

(25) ja (26) ja

(30) 11/134895 **14 May/mai 1999 JP (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● MOBILE COMMUNICATION TERMINAL

● TERMINAL DE COMMUNICATION MOBILE

(71) **NTT DOCOMO, INC.** [JP/JP]; 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **YAMAMOTO, Masaaki** [JP/JP]; 9-2-10-107, Sugita, Isogo-ku, Yokohama-shi, Kanagawa 235-0033 (JP). **WATANABE, Yuko** [JP/JP]; 2-12-29, Ujiurata, Ise-shi, Mie 516-0029 (JP). **CHIBA, Kouji** [JP/JP]; 310-3-C-515, Mutsuura-cho, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0032 (JP). **NAKATSUCHI, Masaharu** [JP/JP]; 79-3-401, Katakura-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0861 (JP).

(74) **KAWASAKI, Kenji**; Asahi Patent Office, Yaesumasuya Building, 5th Floor, 2-16, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

(81) AU BR CA CN HU IL JP KR NO PL SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **H04B 7/26**

(11) **WO 00/70795** (13) A1

(21) PCT/KR00/00447

(22) **12 May/mai 2000 (12.05.2000)**

(25) ko (26) en

(30) 1999/16942 **12 May/mai 1999 KR (12.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● MOBILE TELEPHONE HAVING SHORT-DISTANCE VOICE/CHARACTER COMMUNICATION FUNCTION

● TELEPHONE MOBILE A FONCTION DE TRANSMISSION DE VOIX/CHARACTERES A COURTE DISTANCE

(71) **IDEA PARK CO., LTD.** [KR/KR]; Seung hwan B/D 6 floor, 770-9, Yeoksam-dong, Kangnam-gu, Seoul 135-082 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **HAN, Dong, Shik** [KR/KR]; 440-9, Sibjeoung-dong, Bupyung-gu, Incheon Megacity 403-130 (KR).

(74) **SUH, Byung, Ryung**; Seocho P.O. Box 214, Seocho gu, Seoul 137-602 (KR).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04B 9/00, 10/00, H04J 14/02, H04N 5/44**

(11) **WO 00/70796** (13) A1

(21) PCT/US00/13548

(22) **17 May/mai 2000 (17.05.2000)**

(25) en (26) en

(30) 60/134,558 **17 May/mai 1999 US (17.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● REMOTE CONTROL INCORPORATING SELF TEST CAPABILITY

● COMMANDE A DISTANCE A FONCTIONNALITE D'AUTO-CONTROLE

(71) **U.S. ELECTRONICS COMPONENTS CORP.** [US/US]; 585 North Bicycle Path, Port Jefferson, NY 11776 (US).

(72) **VERZULLI, Christopher, J.**; 19 Ingrid Road, Setauket, NY 11733 (US).

(74) **BARON, Ronald, J.** 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04B 10/17, G01D 5/26, 5/353, G08B 13/186**

(11) **WO 00/70797** (13) A1

(21) PCT/US00/01517

(22) **21 Jan/jan 2000 (21.01.2000)**

(25) en (26) en

(30) 09/311,030 **13 May/mai 1999 US (13.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● LONG DISTANCE, ALL-OPTICAL TELEMETRY FOR FIBER OPTIC SENSOR USING REMOTE OPTICALLY PUMPED EDFAs

● TELEMETRIE TOUT OPTIQUE LONGUE DISTANCE POUR CAPTEUR A FIBRES OPTIQUES, DANS LAQUELLE DES AMPLIFICATEURS A FIBRE DOPEE A L'ERBIUM, ET A POMPAGE OPTIQUE A DISTANCE SONT UTILISES

(71) **LITTON SYSTEMS, INC.** [US/US]; 21240 Burbank Boulevard, Woodland Hills, CA 91367 (US).

(72) **HODGSON, Craig, W.**; 2807 Irongate Place, Thousand Oaks, CA 91362 (US). **FREDERICK, Donald, A.**; 3490 High Point Place, Simi Valley, CA 93065 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson And Bear, LLP, 620 Newport Center Drive, 16th Floor, Newport Beach, CA 92660 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04G 7/38, G06F 17/60 // G07F 19/00**

(11) **WO 00/70798** (13) A1

(21) PCT/FI00/00429

(22) **12 May/mai 2000 (12.05.2000)**

(25) en (26) en

(30) 991105 **14 May/mai 1999 FI (14.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHOD AND SYSTEM OF OFFERING WIRELESS TELECOMMUNICATION SERVICES IN A VISITED TELECOMMUNICATION NETWORK

● PROCEDE ET SYSTEME OFFRANT DES SERVICES DE TELECOMMUNICATION HERTZIENNE DANS UN



## RESEAU DE TELECOMMUNICATIONS VISITE

(71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TIMONEN, Juha, T.** [FI/FI]; Soiroitie 7, FIN-90800 Oulu (FI). **SMOLANDER, Jouni** [FI/FI]; Pellervonkatu 22 A 13, FIN-33540 Tampere (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **H04H 1/00, 9/00, H04N 5/445**

(11) **WO 00/70799** (13) A1

(21) PCT/US00/11235

(22) **27 Apr/avr 2000 (27.04.2000)**

(25) en (26) en

(30) 09/314,716 **19 May/mai 1999** US  
(19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • STREAMING MEDIA AUTOMATION AND DISTRIBUTION SYSTEM FOR MULTI-WINDOW TELEVISION PROGRAMMING  
• SYSTEME D'AUTOMATISATION ET DE DISTRIBUTION DE SUPPORTS EN CONTINU POUR GESTION EN PLUSIEURS FENETRES DES EMISSIONS DE TELEVISION

(71) **NEW HORIZONS TELECASTING, INC.** [US/US]; 709 Forest Grove Road, New Town, PA 18940 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROWE, Lynn, T.** [US/US]; 2121 North Ocean Boulevard, Apt. 209W, Boca Raton, FL 33431 (US). **HEINEN, John, A.** [US/US]; 4251 Ramey Court, Norcross, GA 30092 (US). **ERNST, Peter, A.** [US/US]; 14 Bay State Road, Apt. 13, Boston, MA 02215 (US). **OLSON, Gary, H.** [US/US]; 340 West 22nd Street, Suite 6B, New York, NY 10011-2420 (US).

(74) **LEE, George, I.**; McDonnell Boehnen Hulbert & Berghoff, 32nd floor, 300 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **H04H 1/08, G06F 17/30**

(11) **WO 00/70800** (13) A1

(21) PCT/SE00/00996

(22) **18 May/mai 2000 (18.05.2000)**

(25) en (26) en

(30) 9901820-2 **19 May/mai 1999** SE  
(19.05.1999)

(30) 60/141,002 **29 Jun/juin 1999** US  
(29.06.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • COMMUNICATION NETWORK SERVICE MANAGEMENT METHOD AND DEVICE  
• PROCEDE ET DISPOSITIF DE GESTION DES SERVICES D'UN RESEAU DE COMMUNICATION

(71) **TELIA AB** [SE/SE]; Mårbackagatan 11, S-123 86 Farsta (SE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NYCKELGÅRD, Sören** [SE/SE]; Hästskovägen 20, S-448 34 Floda (SE). **BJÖRKNER, Jörgen** [SE/SE]; Inteckningsvägen 31, S-129 31 Hägersten (SE).

(74) **PRAGSTEN, Rolf**; Telia Research AB, Vitsandsgatan 9, S-123 86 Farsta (SE).

(81) EE LT LV NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **H04J 3/06, H04L 7/033**

(11) **WO 00/70801** (13) A1

(21) PCT/US00/13440

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 09/314,812 **19 May/mai 1999** US  
(19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SYSTEM AND METHOD FOR PROVIDING MASTER AND SLAVE PHASE-ALIGNED CLOCKS  
• SYSTEME ET PROCEDE POUR L'ETABLISSEMENT D'HORLOGES MAITRESSE ET ASSERVIE A ALIGNEMENT DE PHASE

(71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).

(72) **DOBLAR, Drew, G.**; 1442 Brook Glen Drive, San Jose, CA 95129 (US).

(74) **CONLEY, ROSE & TAYON, P.C.**; Kivlin, B. Noel, P.O. Box 398, Austin, TX 78767-0398 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04J 11/00**

(11) **WO 00/70802** (13) A1

(21) PCT/JP00/03117

(22) **15 May/mai 2000 (15.05.2000)**

(25) ja (26) ja

(30) 11/136639 **18 May/mai 1999** JP  
(18.05.1999)

(30) 11/248666 **2 Sep/sep 1999** JP  
(02.09.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SIGNAL RECEIVER AND METHOD OF COMPENSATING FREQUENCY OFFSET  
• RECEPTEUR DE SIGNAUX ET PROCEDE DE COMPENSATION DU DECALAGE DE FREQUENCE

(71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IMAMURA, Kimihiko** [JP/JP]; 2876-11-225, Kamatori-cho, Midori-ku, Chiba-shi, Chiba 266-0011 (JP). **MATSUSHITA, Yoshiteru** [JP/JP]; Raporu Kamatori #247, 2876-11, Kamatori-cho, Midori-ku, Chiba-shi, Chiba 266-0011 (JP). **TSUBOI, Hidekazu** [JP/JP]; A-108, 24-7, Honda-cho 2-chome, Midori-ku, Chiba-shi, Chiba 266-0005 (JP). **YOSHIMOTO, Takashi** [JP/JP]; A-221, 24-7, Honda-cho 2-chome, Midori-ku, Chiba-shi, Chiba 266-0005 (JP).

(74) **FUKAMI, Hisao** et al. / etc.; Sumitomo Bank Minamimori-machi Bldg., 1-29, Minamimori-machi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).

(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **H04J 13/00, H04L 7/00**

(11) **WO 00/70803** (13) A1

(21) PCT/KR00/00468

- (22) **15 May/mai 2000 (15.05.2000)**  
 (25) en (26) en  
 (30) 1999/17510 **15 May/mai 1999 KR (15.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • APPARATUS AND METHOD FOR GENERATING FRAME SYNC WORD AND VERIFYING THE FRAME SYNC WORD IN W-CDMA COMMUNICATION SYSTEM  
 • DISPOSITIF ET PROCEDE DE PRODUCTION D'UN MOT DE SYNCHRONISATION DE TRAMES ET DE VERSIFICATION DE CE MOT, DANS UN SYSTEME DE COMMUNICATION AMCR ASYNCHRONE
- (71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon-shi, Kyungki-do 442-370 (KR).
- (72) **PARK, Jin-Soo**; 70-1, Panpo 4-dong, Socho-gu, Seoul 137-044 (KR). **CHOI, Ho-Kyu**; 56-2, Chamwon-dong, Socho-gu, Seoul 137-030 (KR). **KIM, Jae-Yoel**; 670-24, Chongnung 2-dong, Songbuk-gu, Seoul 136-102 (KR). **KANG, Hee-Won**; 1499, Myonmok 7-dong, Chungnang-gu, Seoul 131-207 (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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- 
- (51)<sup>7</sup> **H04J 13/00**  
 (11) **WO 00/70804** (13) A1  
 (21) PCT/US00/07685  
 (22) **22 Mar/mar 2000 (22.03.2000)**  
 (25) en (26) en  
 (30) 60/134,407 **17 May/mai 1999 US (17.05.1999)**  
 (30) 09/371,476 **10 Aug/août 1999 US (10.08.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • PHOTONIC INTEGRATED CIRCUIT FOR OPTICAL CDMA  
 • CIRCUIT PHOTONIQUE INTEGRE POUR AMRC OPTIQUE
- (71) **CODESTREAM TECHNOLOGIES CORPORATION** [US/US]; 1771 International Parkway, Suite 121, Richardson, TX 75081 (US).
- (72) **DUTT, Birendra**; 5800 Uplander Way, Culver City, CA 90230-6609 (US). **NARAGHI, Manouher**; 5800 Uplander Way, Culver City, CA 90230-6609 (US). **CHAN, James, K.**; 5800 Uplander Way, Culver City, CA 90230-6609 (US).
- (74) **DELEON, Ruben, C.** 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04J 13/02, H04B 7/26**  
 (11) **WO 00/70805** (13) A1  
 (21) PCT/SE00/00812  
 (22) **28 Apr/avr 2000 (28.04.2000)**  
 (25) en (26) en  
 (30) 9901769-1 **12 May/mai 1999 SE (12.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • METHOD IN A TELECOMMUNICATION SYSTEM  
 • PROCEDE ET APPAREIL RELATIFS A UN SYSTEME DE TELECOMMUNICATIONS
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **GUSTAVSSON, Pär**; Bjälbogatan 6 A, S-582 47 Linköping (SE). **JOHANSSON, Thomas**; Lundagatan 11, S-171 63 Solna (SE).
- (74) **NORIN, Klas**; Ericsson Radio Systems AB, Common Patent Department, S-164 80 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H04J 14/06**  
 (11) **WO 00/70806** (13) A1  
 (21) PCT/DE00/01496  
 (22) **11 May/mai 2000 (11.05.2000)**  
 (25) de (26) de  
 (30) 199 22 178.2 **12 May/mai 1999 DE (12.05.1999)**  
 (30) 199 37 741.3 **10 Aug/août 1999 DE (10.08.1999)**
- (30) 199 42 936.7 **8 Sep/sep 1999 DE (08.09.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • RECEIVER AND METHOD FOR OPTICALLY TRANSMITTING INFORMATION  
 • RECEPTEUR ET PROCEDE DE TRANSMISSION OPTIQUE D'INFORMATIONS
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **NOE, Reinhold** [AT/DE]; Helmerner Weg 2, 33100 Paderborn (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H04L**  
 (11) **WO 00/70807** (13) A2  
 (21) PCT/IL00/00260  
 (22) **7 May/mai 2000 (07.05.2000)**  
 (25) en (26) en  
 (30) 09/312,419 **14 May/mai 1999 US (14.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • A METHOD AND SYSTEM FOR USER COMMUNICATION THROUGH INTERNET NOTES  
 • PROCEDE ET SYSTEME DE COMMUNICATION UTILISATEUR PAR NOTES INTERNET
- (71) **UTOK INC.** [US/US]; 580 Howard Street, Suite 404, San Francisco, CA 94105 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ZUCKERMAN, Oren** [IL/IL]; Ben Yehuda Street 49, 63341 Tel Aviv (IL).
- (74) **COLB, Sanford, T.** et al. / etc.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L**  
 (11) **WO 00/70808** (13) A2  
 (21) PCT/US00/11033

- (22) **25 Apr/avr 2000 (25.04.2000)**
- (25) en (26) en
- (30) 60/134,294 **14 May/mai 1999** US  
(14.05.1999)
- (30) 09/500,721 **9 Feb/fév 2000** US  
(09.02.2000)
- (30) 09/500,724 **9 Feb/fév 2000** US  
(09.02.2000)
- (30) 09/501,091 **9 Feb/fév 2000** US  
(09.02.2000)
- (30) 09/500,884 **9 Feb/fév 2000** US  
(09.02.2000)
- (30) 09/500,886 **9 Feb/fév 2000** US  
(09.02.2000)
- (30) 09/500,887 **9 Feb/fév 2000** US  
(09.02.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LARGE-SCALE, HIGH SPEED COMPUTER NETWORK AND METHOD OF IMPLEMENTATION AND OPERATION
- RESEAU INFORMATIQUE GRANDE VITESSE ET DE GRANDE ENVERGURE ET PROCEDE ASSOCIE DE MISE EN OEUVRE ET D'EXPLOITATION
- (71) **AIRSWITCH CORP.** [US/US]; 1875 South State Street, Suite 1110, Orem, UT 84097 (US).
- (74) **PIERCE, Gary, D., E.;** 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L**
- (11) **WO 00/70809** (13) A2
- (21) PCT/US00/13375
- (22) **16 May/mai 2000 (16.05.2000)**
- (25) en (26) en
- (30) 09/313,523 **17 May/mai 1999** US  
(17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD OF AND SYSTEM FOR ENCRYPTING MESSAGES, GENERATING ENCRYPTION KEYS AND PRODUCING SECURE SESSION KEYS
- PROCEDE ET SYSTEME DE CHIFFREMENT DE MESSAGES, DE CREATION DE CLES DE CHIFFREMENT ET DE PRODUCTION DE CLES DE SESSIONS SECURISEES
- (63) US 09/313,523 (CIP)  
17 May/mai 1999 (17.05.1999)
- (71, 72) **PIRES, Paul, B.** [US/US]; 1350 Dundee Avenue, Ben Lomond, CA 95005 (US).
- (74) **BOLING, William, C.** et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036-5679 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L 1/00, 1/12**
- (11) **WO 00/70810** (13) A1
- (21) PCT/GB00/01501
- (22) **18 Apr/avr 2000 (18.04.2000)**
- (25) en (26) en
- (30) 99303865.2 **18 May/mai 1999** EP  
(18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR LINK ADAPTATION IN TELECOMMUNICATIONS NETWORKS
- PROCEDE ET APPAREIL D'ADAPTATION DE LIAISON DANS DES RESEAUX DE TELECOMMUNICATIONS
- (71) **LUCENT TECHNOLOGIES INC.** [US/US]; 600 Mountain Avenue, Murray Hill, NJ 07974-0636 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DEMETRESCU, Christian** [GB/GB]; 2 Truro Path, Swindon, Wiltshire SN5 8JZ (GB). **SAMARAS, Konstantinos** [GR/GB]; 53 Montagu Street, Rodbourne, Swindon, Wiltshire SN2 2HL (GB). **YAN, Ran-Hong** [-/GB]; Hawthorns, Kings Lane, Longcot, Faringdon, Oxfordshire SN7 7SS (GB).
- (74) **WILLIAMS, David, J.** et al. / etc.; Lucent Technologies UK Limited, 5 Mornington Road, Woodford Green, Essex IG8 0TU (GB).
- (81) AU BR CA CN ID IN JP KR US.
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- (51)<sup>7</sup> **H04L 1/08, H04B 1/713**
- (11) **WO 00/70811** (13) A1
- (21) PCT/EP00/04321
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,538 **17 May/mai 1999** US  
(17.05.1999)
- (30) 09/425,970 **25 Oct/oct 1999** US  
(25.10.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TIME AND FREQUENCY DIVERSITY IN FH/TDD SYSTEMS
- DIVERSITE DE DUREE ET DE FREQUENCE DANS DES SYSTEMES A SAUT DE FREQUENCE (FH)/DUPLEXAGE A REPARTITION TEMPORELLE (TDD)
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **HAARTSEN, Jaap;** Bruchterweg 81, NL-7772 BG Hardenberg (NL).
- (74) **ERICSSON MOBILE COMMUNICATIONS AB;** IPR Department, S-221 83 Lund (SE).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L 1/18, H04Q 7/38**
- (11) **WO 00/70812** (13) A1
- (21) PCT/FI00/00418
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 991102 **12 May/mai 1999** FI  
(12.05.1999)
- (30) 991240 **1 Jun/juin 1999** FI  
(01.06.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD FOR FORMING ACKNOWLEDGEMENT DATA IN A WIRELESS COMMUNICATION SYSTEM, AND A WIRELESS COMMUNICATION SYSTEM
- PROCEDE DE FORMATION DE DONNEES D'ACCUSE DE RECEPTION DANS UN SYSTEME DE COMMUNICATION SANS FIL, ET SYSTEME DE COMMUNICATION SANS FIL
- (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) **LAPPETELÄINEN, Antti** [FI/FI]; Vallikuja 4 B 12, FIN-02600 Espoo (FI). **SMOLANDER, Visa, Tapio** [FI/FI]; Pitäjämäentie 13 C 35, FIN-00370 Helsinki (FI).

- (74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiankatu 6, FIN-33720 Tampere (FI).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L 1/18**
- (11) **WO 00/70813** (13) A1
- (21) PCT/IB00/00613
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 09/312,560 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SCHEDULING DATA RETRANSMISSION IN A PACKET COMMUNICATIONS SYSTEM
- PROGRAMMATION DE LA RETRANSMISSION DE DONNEES DANS UN SYSTEME DE COMMUNICATIONS
- (71) **NOKIA CORPORATION** [FI/FI]; Sinitaival 5, P.O. Box 68, FIN-33721 Tampere (FI). (*for all designated States except / pour tous les États désignés sauf US*)
- (72, 75) **WATANABE, Fujio** [JP/FI]; Kauppauvoksentie 6 B 30, FIN-00200 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L 1/18, H04Q 7/38, H04L 12/28**
- (11) **WO 00/70814** (13) A1
- (21) PCT/US00/13123
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/312,579 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • APPARATUS AND METHOD FOR SELECTING A SIZE OF A CONTENTION WINDOW FOR WIRELESS SYSTEM
- APPAREIL ET PROCEDE DE SELECTION D'UNE TAILLE DE FENETRE DE CONTENTION POUR UN SYSTEME SANS FIL
- (71) **NOKIA INC.** [US/US]; 6000 Connection Drive, Irving, TX 75039 (US). **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). (*for all designated States except / pour tous les États désignés sauf US*)
- (72, 75) **WATANABE, Fujio** [JP/FI]; Kauppauvoksentie 6 B 30, FIN-00200 Helsinki (FI). **BUOT, Theodore** [JP/FI]; 0020 Helsinki (FI). **KUNTZE, Roland** [FI/FI]; Tampere (FI). **JOKELA, Jari** [FI/FI]; Tampere (FI).
- (74) **KELLY, Robert, H.** et al. / etc.; Holland & Hart LLP, Suite 3200, 555 17th Street, P.O. Box 8749, Denver, CO 80201-8749 (US).
- (81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L 1/20, H04B 17/00**
- (11) **WO 00/70815** (13) A1
- (21) PCT/EP99/03383
- (22) **17 May/mai 1999 (17.05.1999)**
- (25) en (26) en
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A METHOD FOR NOISE ENERGY ESTIMATION IN TDMA SYSTEMS
- PROCEDE D'ESTIMATION DE L'ENERGIE SONORE DANS DES SYSTEMES AMRT
- (71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). (*for all designated States except / pour tous les États désignés sauf US*)
- (72, 75) **HAPPONEN, Aki** [FI/FI]; Rysékuja 5, FIN-90900 Kiiiminki (FI). **PIIRAINEN, Olli** [FI/FI]; Pikisaarentie 1 E 11, FIN-90100 Oulu (FI).
- (74) **PELLMANN, Hans-Bernd** et al. / etc.; Tiedtke-Bühling-Kinne et al., Bavariaring 4, D-80336 München (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L 9/00**
- (11) **WO 00/70816** (13) A1
- (21) PCT/EP99/09865
- (22) **13 Dec/déc 1999 (13.12.1999)**
- (25) de (26) de
- (30) 199 22 780.2 **18 May/mai 1999 DE (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ENCRYPTION AND DECRYPTION METHOD, DATA PROCESSING PROGRAM, AND ENCRYPTION AND DECRYPTION DEVICE
- PROCEDE DE CODAGE, PROCEDE DE DECODAGE, PROGRAMME DE TRAITEMENT DE DONNEES, DISPOSITIF DE CODAGE ET DISPOSITIF DE DECODAGE
- (71) **TELESENS AG** [DE/DE]; Ferdinand-Porsche-Strasse 1, D-51149 Köln (DE). (*for all designated States except / pour tous les États désignés sauf US*)
- (72, 75) **OBERLECHNER, Thomas** [AT/AT]; Speckweg 2, A-6020 Innsbruck (AT). **DEMENSHYN, Oleksandr** [UA/UA]; L. Svobody av., 39, App. 328, Kharkov, 310202 (UA).
- (74) **GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER**; Maximilianstrasse 58, D-80538 München (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L 9/06**
- (11) **WO 00/70817** (13) A1
- (21) PCT/US00/11957
- (22) **2 May/mai 2000 (02.05.2000)**
- (25) en (26) en
- (30) 09/313,133 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • A CIPHER CORE IN A CONTENT PROTECTION SYSTEM
- MEMOIRE D'ALGORITHMES CRYPTOGRAPHIQUES DANS UN SYSTEME DE PROTECTION DE CONTENU
- (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) **HOFFMAN, Jeffrey, D.** [US/US]; 4821 W. Flint Street, Chandler, AZ 85226 (US).
- (74) **MILLIKEN, Darren, J.** 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>6</sup> H04L 9/28

(11) WO 00/70818 (13) A1

(21) PCT/US99/10929

(22) 18 May/mai 1999 (18.05.1999)

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

- (54) • MULTIPLE NUMBER BASE ENCODER/DECODER USING CORRESPONDING XOR
- CODEUR/DECODEUR A PLUSIEURS BASES DE NUMERATION UTILISANT UNE RELATION DE OU EXCLUSIF

(71, 72) SATTERFIELD, Richard, C. [US/US]; c/o Channel One Communications, Inc., 30 Pleasant Street, Needham, MA 02192 (US).

(74) COHEN, Jerry et al. / etc.; Perkins, Smith & Cohen, LLP, One Beacon Street, Boston, MA 02108-3106 (US).

(81) CA IL JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>6</sup> H04L 9/28

(11) WO 00/70819 (13) A1

(21) PCT/US99/10967

(22) 18 May/mai 1999 (18.05.1999)

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

- (54) • CRYPTOGRAPHIC ENGINE USING BASE CONVERSION, LOGIC OPERATIONS AND PRNG IN DATA ARRAYS TO INCREASE DISPERSION IN CIPHERTEXT
- MOTEUR CRYPTOGRAPHIQUE UTILISANT LA CONVERSION DE BASE DE NUMERATION, DES OPERATIONS LOGIQUES ET UN GENERATEUR DE NOMBRES PSEUDO-ALEATOIRES POUR DES MATRICES DE DONNEES DE FAÇON A AUGMENTER LA DISPERSION DANS LE TEXTE CHIFFRE

(71, 72) SATTERFIELD, Richard, C. [US/US]; Channel One Communications, Inc., 30 Pleasant Street, Needham, MA 02192 (US).

(74) COHEN, Jerry; Perkins, Smith & Cohen, LLP, One Beacon Street, 30th floor, Boston, MA 02108-3106 (US).

(81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>6</sup> H04L 12/00, H04M 11/08, 3/42, H04Q 3/00

(11) WO 00/70820 (13) A1

(21) PCT/AU99/00355

(22) 12 May/mai 1999 (12.05.1999)

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

- (54) • SWITCHED COMMUNICATIONS SYSTEM FOR TELEVOTING SERVICES AND METHOD OF SUBSCRIBER MANAGEMENT OF A TELEVOTING EVENT IN A SWITCHED COMMUNICATIONS SYSTEM
- SYSTEME DE COMMUNICATION COMMUTE POUR SERVICES DE TELESONDAGE ET PROCEDE DE GESTION PAR L'ABONNE D'UN EVENEMENT DE TELESONDAGE DANS UN SYSTEME DE COMMUNICATION COMMUTE

(71) ERICSSON AUSTRALIA PTY. LTD. [AU/AU]; 61 Riggall Street, Broadmeadows, Victoria 3047 (AU).

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

(72, 75) MATTHIASSEN, Hoerdur [IS/AU]; 13 Geddes Street, Ascot Vale, Victoria 3032 (AU). DE ROOIJ, Frans [NL/NL]; Hulsbergstraat 47, NL-5045 BC Tilburg (NL).

(74) WATERMARK PATENT & TRADE-MARK ATTORNEYS; Locked Bag 5, Hawthorn, VIC 3122 (AU).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 12/00

(11) WO 00/70821 (13) A2

(21) PCT/CA00/00580

(22) 17 May/mai 2000 (17.05.2000)

(25) en (26) en

(30) 09/313,182 18 May/mai 1999 US (18.05.1999)

(30) 09/313,183 18 May/mai 1999 US (18.05.1999)

(30) 09/459,460 13 Dec/déc 1999 US (13.12.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

- (54) • PACKET CLASSIFICATION STATE MACHINE
- AUTOMATE FINI DE CLASSIFICATION DE PAQUETS

(71) SOLIDUM SYSTEMS CORP. [CA/CA]; 940 Belfast Road, Suite 217, Ottawa, Ontario K1G 4A2 (CA).

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

(72, 75) WELFELD, Feliks, J. [CA/CA]; 1449 Plumber Ave., Ottawa, Ontario K1K 4B2 (CA).

(74) FREEDMAN, Gordon; Freedman & Associates, 117 Centrepointe Drive, Suite 350, Nepean, Ontario K2G 5X3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 12/00

(11) WO 00/70822 (13) A2

(21) PCT/DE00/01499

(22) 12 May/mai 2000 (12.05.2000)

(25) de (26) de

(30) 299 08 608.9 14 May/mai 1999 DE (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

- (54) • NETWORK AND COUPLING DEVICE FOR CONNECTING TWO SEGMENTS IN SUCH A NETWORK AND NETWORK NODES
- RESEAU ET APPAREIL DE COUPLAGE POUR RELIER DEUX SEGMENTS DANS UN RESEAU DE CE TYPE ET NOEUDS DE RESEAU

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

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

(72, 75) BRÜCKNER, Dieter [DE/DE]; Obere Dorfstr. 10, D-96199 Unterleiterbach (DE). SEITER, Jürgen [DE/DE]; Karlstr. 7, D-76530 Baden-Baden (DE). TREMEL, Michael [DE/DE]; Wilhelmstr. 11, D-90439 Nürnberg (DE).

(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> H04L 12/00

(11) WO 00/70823 (13) A2

(21) PCT/DE00/01592

(22) 18 May/mai 2000 (18.05.2000)

(25) de (26) de

(30) 199 22 762.4 18 May/mai 1999 DE (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

- (54) • RADIO SYSTEM  
• SYSTEME TELEPHONIQUE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAUSER, Eberhard [DE/DE]; Schönstrasse 67 B, D-81543 München (DE).
- (74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, D-80506 München (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> H04L 12/00
- (11) WO 00/70824 (13) A2
- (21) PCT/EP00/03791
- (22) 25 Apr/avr 2000 (25.04.2000)
- (25) en (26) en
- (30) 60/133,901 13 May/mai 1999 US (13.05.1999)
- (30) 09/515,876 29 Feb/fév 2000 US (29.02.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DISTRIBUTED LOCAL AND WIDE AREA NETWORK INDEPENDENT OF CONNECTION MEDIA SUPPORTED IN NETWORKED DEVICES, AND MANAGED BY THE NETWORKED DEVICES  
• RESEAU LOCAL ET LONGUE DISTANCE REPARTI INDEPENDANT DE SUPPORTS DE CONNEXION SUPPORTES ET GERES PAR DES DISPOSITIFS INTERCONNECTES
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) DOD, Ian; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) DEGUELLE, Wilhelmus, H., G.; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> H04L 12/00
- (11) WO 00/70825 (13) A1
- (21) PCT/FI00/00428
- (22) 12 May/mai 2000 (12.05.2000)
- (25) en (26) en
- (30) 991093 12 May/mai 1999 FI (12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CONNECTION MANAGEMENT METHOD  
• PROCEDE DE GESTION DE CONNEXIONS
- (71) NOKIA NETWORKS OY [FI/FI]; P.O. Box 300, FIN-00045 Nokia Group (FI).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HUUSKO, Sami [FI/FI]; Tornitaso 3 A 33, FIN-02120 Espoo (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 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> H04L 12/00
- (11) WO 00/70826 (13) A2
- (21) PCT/GB00/01877
- (22) 17 May/mai 2000 (17.05.2000)
- (25) en (26) en
- (30) 9911484.5 18 May/mai 1999 GB (18.05.1999)
- (30) 9913748.1 15 Jun/juin 1999 GB (15.06.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHODS FOR FAST DIAL-ON-DEMAND INTERNET ACCESS WITH ANALOG MODEMS AT USER SIDES, VIA PUBLIC SWITCHED TELEPHONE NETWORKS, ENABLING APPARENT USER'S FULL SESSION-CONTINUITIES  
• PROCEDES D'ACCES INTERNET PAR APPELS TELEPHONIQUES RAPIDES AVEC DES MODEMS ANALOGIQUES DU COTE DES UTILISATEURS, VIA LE RESEAU TELEPHONIQUE PUBLIC COMMUTE, EN EVITANT LES LONGUES NEGOCIATIONS DE MODEM ACTUELLES ET EN ASSURANT LA CONTINUITE DES SESSIONS
- (71, 72) TANG, Bob [MY/GB]; 132 Sylvan Avenue, Wood Green, London N22 5JB (GB).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04L 12/00
- (11) WO 00/70827 (13) A2
- (21) PCT/US00/13584
- (22) 17 May/mai 2000 (17.05.2000)
- (25) en (26) en
- (30) 09/314,782 19 May/mai 1999 US (19.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR A MULTI-GIGABIT ETHERNET ARCHITECTURE  
• PROCEDE ET DISPOSITIF POUR ARCHITECTURE ETHERNET MULTIGIGABITS
- (71) SUN MICROSYSTEMS, INC. [US/US]; 901 San Antonio Road, Palo Alto, CA 94303 (US).
- (72) MULLER, Shimon; Apartment D, 983 La Mesa Terrace, Sunnyvale, CA 94086 (US).  
HENDEL, Ariel; 7537 Newcastle Drive, Cupertino, CA 95014 (US).
- (74) VAUGHAN, Daniel; Park & Vaughan LLP, Suite 5, 399 Sherman Avenue, Palo Alto, CA 94306 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04L 12/28, H04B 3/54
- (11) WO 00/70828 (13) A1
- (21) PCT/DE00/01566
- (22) 17 May/mai 2000 (17.05.2000)
- (25) de (26) de
- (30) 199 22 763.2 18 May/mai 1999 DE (18.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LOCAL NETWORK FOR CONNECTING NETWORK DEVICES  
• RESEAU LOCAL POUR CONNECTER DES DISPOSITIFS DE RESEAU
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAUSER, Eberhard [DE/DE]; Schönstr. 67 B, D-81543 München (DE).  
ROSSOW, Carsten [DE/DE]; Jägerweg 19, D-82538 Geretsried (DE).  
LÜDE, Thomas [DE/DE]; Altmarkstr. 3 A, D-12169 Berlin (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>6</sup> **H04L 12/28, G06F 13/00**

(11) **WO 00/70829** (13) A1

(21) PCT/JP99/02448

(22) **12 May/mai 1999 (12.05.1999)**

(25) ja (26) ja

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ELECTRONIC DEVICE, ELECTRONIC DEVICE SYSTEM CONTROL METHOD AND ELECTRONIC DEVICE SYSTEM

• DISPOSITIF ELECTRONIQUE, PROCEDE DE COMMANDE DU SYSTEME DU DISPOSITIF ELECTRONIQUE ET SYSTEME DU DISPOSITIF ELECTRONIQUE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).

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

(72, 75) **TANAKA, Mayuko** [JP/JP]; Digital Media Systems R & D Division, Hitachi, Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). **KUDO, Yoshimichi** [JP/JP]; Digital Media Systems R & D Division, Hitachi, Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP). **HASEGAWA, Tsukasa** [JP/JP]; Digital Media Systems R & D Division, Hitachi, Ltd., 292, Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 244-0817 (JP).

(74) **SAKUTA, Yasuo**; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **H04L 12/28, G06F 13/00**

(11) **WO 00/70830** (13) A1

(21) PCT/JP00/03232

(22) **19 May/mai 2000 (19.05.2000)**

(25) ja (26) ja

(30) 11/139199 **19 May/mai 1999** JP (19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD OF COMMUNICATION, COMMUNICATION DEVICE, COMMUNICATION CONTROLLER, COMMUNICATION SYSTEM, AND MEDIUM

• PROCEDE DE COMMUNICATION, DISPOSITIF DE COMMUNICATION, CONTROLEUR DE COMMUNICATION, SYSTEME DE COMMUNICATION ET SUPPORT

(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) **MIYANO, Michio** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **KATO, Junji** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **MATSUKUMA, Hidemori**; Shinjuku Building, 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04L 12/28, 12/56**

(11) **WO 00/70831** (13) A1

(21) PCT/SE00/00968

(22) **16 May/mai 2000 (16.05.2000)**

(25) en (26) en

(30) 60/134,539 **17 May/mai 1999** US (17.05.1999)

(30) 9902716-1 **15 Jul/juil 1999** SE (15.07.1999)

(30) 09/522,905 **10 Mar/mar 2000** US (10.03.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND APPARATUS FOR PROVIDING RADIO ACCESS BEARER SERVICES

• PROCEDE ET APPAREIL FOURNISANT DES SERVICES SUPPORTS D'ACCES RADIO

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **ALMGREN, Magnus**; Viktoriavägen 1, S-191 43 Sollentuna (SE). **JOHANSSON, Christer**; Åkerbyvägen 148 II, S-183 35 Täby (SE). **OLOFSSON, Håkan**; Ringvägen 50, S-118 67 Stockholm (SE). **TURINA, Dalibor**; Djurholmsvägen 93, S-183 57 Täby (SE). **HARASZTI, Zsolt**; 2323 Trellis Green, Cary, NC 27511 (US). **HARTMAN, Magnus**; Brännkyrkagatan 75 A, S-118 23 Stockholm (SE). **LINDBERG, Niclas**; Vattenledningsvägen 91, S-126 35 Hågersten (SE).

(74) **BJELKSTAM, Peter** et al. / etc.; Bergenstrahle & Lindvall AB, P.O. Box 17704, S-118 93 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> **H04L 12/56**

(11) **WO 00/70832** (13) A1

(21) PCT/IB00/00596

(22) **9 May/mai 2000 (09.05.2000)**

(25) en (26) en

(30) 99810421.0 **12 May/mai 1999** EP (12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • LONGEST MATCHING PREFIX LOOKUP

• RECHERCHE DES PREFIXES DE CORRESPONDANCE LES PLUS LONGS

(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) **DROZ, Patrick** [CH/CH]; Alte Landstrasse 105, CH-8803 Rueschlikon (CH). **VAN LUNTEREN, Jan** [NL/CH]; Buerglistrasse 12, CH-8134 Adliswil (CH).

(74) **WILLIAMS, Julian, David**; International Business Machines Corporation, Saemmersstrasse 4, CH-8803 Rueschlikon (CH).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **H04L 12/56**

(11) **WO 00/70833** (13) A1

(21) PCT/US00/09024

(22) **4 Apr/avr 2000 (04.04.2000)**

(25) en (26) en

(30) 09/314,467 **18 May/mai 1999** US (18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • INTERFACE DEVICE HAVING VDSL SPLITTER AND INTERFERENCE FILTER

• DISPOSITIF D'INTERFACE COMPRENANT UN REPARTITEUR VDSL ET UN FILTRE D'INTERFERENCE

(71) **US WEST, INC.** [US/US]; Suite 5100, 1801 California Street, Denver, CO 80202 (US).

(72) **GOSSELIN, Linda, K.**; 599 Vigilante Avenue, Bailey, CO 80421 (US). **THOMPSON, Tom, T.**; 6194 S. Meadowbrook Drive, Morrison, CO 80465 (US). **FINK, Richard, H.**; 4129 S. Ireland Court, Aurora, CO 80013 (US).

- (74) **SMITH, Ralph, E.** et al. / etc.; Brooks & Kushman, 1000 Town Center, 22nd floor, Southfield, MI 48075 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L 12/66, 12/46**
- (11) **WO 00/70834** (13) A1
- (21) PCT/SE00/00995
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 9901819-4 **19 May/mai 1999 SE (19.05.1999)**
- (30) 60/141,003 **29 Jun/juin 1999 US (29.06.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● DEVICE AND METHOD FOR SIMPLIFIED MANAGEMENT OF SERVICES IN A COMMUNICATIONS NETWORK  
● DISPOSITIF ET PROCEDE DE GESTION SIMPLIFIEE DE SERVICES DANS UN RESEAU DE COMMUNICATION
- (71) **TELIA AB** [SE/SE]; Mårbackagatan 11, S-123 86 Farsta (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NYCKELGÅRD, Sören** [SE/SE]; Hästskovägen 20, S-448 34 Floda (SE).  
**BJÖRKNER, Jörgen** [SE/SE]; Inteckningsvägen 31, S-129 31 Hågersten (SE).
- (74) **PRAGSTEN, Rolf**; Telia Research AB, Vitsandsgatan 9, S-123 86 Farsta (SE).
- (81) EE LT LV NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **H04L 25/02**
- (11) **WO 00/70835** (13) A1
- (21) PCT/DE00/01482
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) de (26) de
- (30) 199 22 184.7 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD FOR BLINDLY ESTIMATING CHANNEL PARAMETERS  
● PROCEDE POUR EVALUER DES PARAMETRES DE CANAL A L'AVEUGLE
- (71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Str. 53, D-81541 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DOETSCH, Markus** [DE/DE]; Sendnicher Weg 62, D-56072 Koblenz-Rübenach (DE).  
**JUNG, Peter** [DE/DE]; Im Rabental 28, D-67697 Otterberg (DE).  
**PLECHINGER, Jörg** [DE/DE]; Westermühlstr. 16, D-80469 München (DE).  
**SCHMIDT, Peter** [DE/DE]; Bahnhofstr. 32, D-67167 Erpolzheim (DE).
- (74) **INFINEON TECHNOLOGIES AG**; Zedlitz, Peter, Postfach 22 13 17, D-80503 München (DE).
- (81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **H04L 25/02**
- (11) **WO 00/70836** (13) A1
- (21) PCT/US00/13418
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/311,793 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● SYSTEM AND METHOD FOR THE DEMODULATION OF TURBO-ENCODED SIGNALS VIA PILOT ASSISTED COHERENT DEMODULATION  
● SYSTEME ET PROCEDE DE DEMODULATION DE SIGNAUX TURBO-CODES PAR DEMODULATION COHERENTE ASSISTEE PAR PILOTE
- (71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).
- (72) **LING, Fuyun**; 11382 Wills Creek Road, San Diego, CA 92131 (US).  
**SINDHUSHAYANA, Nagabhushana, T.**; 10615 Dabney Drive #19, San Diego, CA 92126 (US).  
**ESTEVEZ, Eduardo, A., S.**; 14005H Mango Drive, Del Mar, CA 92014 (US).
- (74) **WADSWORTH, Philip, R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **H04L 29/00**
- (11) **WO 00/70837** (13) A2
- (21) PCT/EP00/04312
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) de (26) de
- (30) 199 22 118.9 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● NETWORK, INTERPRETER FOR SUCH A NETWORK, AND METHOD FOR OPERATING A NETWORK  
● RESEAU, INTERPRETEUR POUR UN RESEAU DE CE TYPE ET PROCEDE D'EXPLOITATION D'UN RESEAU
- (71) **OCE PRINTING SYSTEMS GMBH** [DE/DE]; Siemensallee 2, D-85586 Poing (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOFSTETTER, Andreas** [DE/DE]; Haselweg 5, D-82024 Taufkirchen (DE).
- (74) **SCHAUMBURG, Karl-Heinz** et al. / etc.; Postfach 86 07 48, D-81634 München (DE).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- 
- (51)<sup>7</sup> **H04L 29/00**
- (11) **WO 00/70838** (13) A2
- (21) PCT/US00/11792
- (22) **1 May/mai 2000 (01.05.2000)**
- (25) en (26) en
- (30) 09/312,255 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● APPLICATIONS AND SERVICES SUPPORTED BY A CLIENT-SERVER INDEPENDENT INTERMEDIARY MECHANISM  
● APPLICATIONS ET SERVICES EXECUTES PAR UN MECANISME INTERMEDIAIRE INDEPENDANT CLIENT-SERVEUR
- (71) **PIVIA, INC.** [US/US]; Suite 200, 10062 Miller Avenue, Cupertino, CA 95014 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOHAN, Sudhir** [US/US]; 5006 Calle de Escuela, Santa Clara, CA 95054-1431 (US).  
**PATIL, Umesh, R.** [IN/US]; 811 Milo Court, San Jose, CA 95133 (US).  
**JORDAN, Daniel, S.** [US/US]; 32 Museum Way, San Francisco, CA 94114 (US).
- (74) **MILLIKEN, Darren, J.** 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).



(51)<sup>7</sup> H04L 29/00

(11) WO 00/70839 (13) A2

(21) PCT/US00/13585

(22) 17 May/mai 2000 (17.05.2000)

(25) en (26) en

(30) 09/314,482 18 May/mai 1999 US  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● SECURED SESSION SEQUENCING  
PROXY SYSTEM AND METHOD  
THEREFOR● SYSTEME DE PROCURATION SE-  
CURISE A SEQUENCEMENT DE  
SESSION ET PROCEDE CORRESPON-  
DANT(71) THE CHASE MANHATTAN BANK  
[US/US]; 270 Park Avenue, 41st Floor, New  
York, NY 10017 (US).(72) YARBOROUGH, William, Jordan; 510  
Cranes Way #107, Altamonte Springs, FL  
32701 (US). ZHUANG, Jia, Jin; 3 Eric  
Court, Princeton JCT, NJ 08550 (US).(74) DUJMICH, Louis, C. et al. / etc.; Ostro-  
lenk, 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  
BY 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 NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG UZ VN  
YU ZA ZW; AP (GH GM KE LS MW SD  
SL SZ TZ UG ZW); EA (AM AZ BY KG  
KZ MD RU TJ TM); EP (AT BE CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE); OA (BF BJ CF CG CI CM GA GN  
GW ML MR NE SN TD TG).(51)<sup>7</sup> H04L 29/06

(11) WO 00/70840 (13) A2

(21) PCT/US00/12971

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 09/312,121 14 May/mai 1999 US  
(14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHOD FOR DELIVERY OF IP  
DATA OVER MPEG-2 TRANSPORT  
NETWORKS● PROCEDE D'ACHEMINEMENT DE  
DONNEES IP SUR DES RESEAUX DE  
TRANSPORT MPEG-2(71) SCIENTIFIC-ATLANTA, INC. [US/US];  
Hubert J. Barnhardt III, Intellectual Property  
Dept., One Technology Parkway South, Nor-  
cross, GA 30092 (US).(72) ADDINGTON, Timothy H.; 4332 Stoneha-  
ven Trace, Roswell, GA 30075 (US).(74) BARNHARDT, Hubert, J., III et al. / etc.;  
Scientific-Atlanta, Inc., Intellectual Property  
Dept., One Technology Parkway South, Nor-  
cross, GA 30092 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY 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 NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG UZ VN  
YU ZA ZW; AP (GH GM KE LS MW SD  
SL SZ TZ UG ZW); EA (AM AZ BY KG  
KZ MD RU TJ TM); EP (AT BE CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE); OA (BF BJ CF CG CI CM GA GN  
GW ML MR NE SN TD TG).(51)<sup>7</sup> H04L 29/08, G06F 13/38

(11) WO 00/70841 (13) A1

(21) PCT/JP00/03233

(22) 19 May/mai 2000 (19.05.2000)

(25) ja (26) ja

(30) 11/138960 19 May/mai 1999 JP  
(19.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● COMMUNICATION METHOD, COM-  
MUNICATION DEVICE, COMMUNI-  
CATION SYSTEM AND PROVIDING  
MEDIUM● METHODE, DISPOSITIF ET SYSTEME  
DE COMMUNICATION ET SUPPORT  
ASSOCIE(71) SONY CORPORATION [JP/JP]; 7-35, Ki-  
tashinagawa 6-chome, Shinagawa-ku, To-  
kyo 141-0001 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) MIYANO, Michio [JP/JP]; Sony Corpo-  
ration, 7-35, Kitashinagawa 6-chome, Shi-  
nagawa-ku, Tokyo 141-0001 (JP).(74) MATSUKUMA, Hidemori; Shinjuku Bul-  
ding, 8-1, Nishishinjuku 1-chome, Shin-  
juku-ku, Tokyo 160-0023 (JP).(81) AE AL AM AT AU AZ BA BB BG BR BY  
CA CH CN CR CU CZ DE DK DM 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 NO NZ  
PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW;  
AP (GH GM KE LS MW ZD SL SZ TZ  
UG ZW); EA (AM AZ BY KG KZ MD RU  
TJ TM); EP (AT BE CH CY DE DK ES FI  
FR GB GR IE IT LU MC NL PT SE); OA  
(BF BJ CF CG CI CM GA GN GW ML MR  
NE SN TD TG).(51)<sup>7</sup> H04M

(11) WO 00/70842 (13) A2

(21) PCT/FR00/01354

(22) 18 May/mai 2000 (18.05.2000)

(25) fr (26) fr

(30) 99/06308 18 May/mai 1999 FR  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● METHOD FOR THE MANAGEMENT  
OF DATA BY A SECURITY MODULE  
AND CORRESPONDING SECURITY  
MODULE● PROCEDE DE GESTION DE DON-  
NEES PAR UN MODULE DE SECURITE  
ET MODULE DE SECURITE(71) SCHLUMBERGER SYSTEMES  
[FR/FR]; 50, avenue Jean Jaurès, F-92120  
Montrouge (FR).(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) MAYANCE, Frédéric [FR/FR]; 33,  
boulevard Pierre de Ronsard, F-45140  
Ormes (FR).(74) UTZMANN-NORTH, Anne; Schlum-  
berger Systèmes, Test & Transactions, 50,  
avenue Jean Jaurès, Boîte postale 620-12,  
F-92542 Montrouge Cedex (FR).(81) CN MX US; EP (AT BE CH CY DE DK ES  
FI FR GB GR IE IT LU MC NL PT SE).(51)<sup>7</sup> H04M 1/03

(11) WO 00/70843 (13) A1

(21) PCT/SE00/00851

(22) 3 May/mai 2000 (03.05.2000)

(25) en (26) en

(30) 9901756-8 12 May/mai 1999 SE  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) ● A HOUSING FOR A TRANSMIT-  
TER/RECEIVER, A TRANSMIT-  
TER/RECEIVER AND A METHOD  
OF ITS ASSEMBLY● BOITIER D'EMETTEUR/RECEPTEUR,  
EMETTEUR/RECEPTEUR ET PRO-  
CEDE D'ASSEMBLAGE CORRESPON-  
DANT(71) TELEFONAKTIEBOLAGET LM  
ERICSSON (publ) [SE/SE]; S-126 25  
Stockholm (SE).(72) ENGBLOM, Göran; Gylleängsvägen 14 B,  
S-291 51 Kristianstad (SE).(74) ALBIHNS PATENTBYRÅ STOCK-  
HOLM AB et al. / etc.; P.O. Box 5581,  
Linnégatan 2, S-114 85 Stockholm (SE).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY 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 NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG UZ VN  
YU ZA ZW; AP (GH GM KE LS MW SD  
SL SZ TZ UG ZW); EA (AM AZ BY KG  
KZ MD RU TJ TM); EP (AT BE CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE); OA (BF BJ CF CG CI CM GA GN  
GW ML MR NE SN TD TG).(51)<sup>7</sup> H04M 1/247, G06F 9/44, H04Q 3/62

(11) WO 00/70844 (13) A1

(21) PCT/FR00/01291

- (22) **12 May/mai 2000 (12.05.2000)**
- (25) fr (26) fr
- (30) 99/06159 **14 May/mai 1999 FR (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD FOR SIGNALLING BETWEEN A SWITCHING SYSTEM AND TELEPHONE TERMINAL EQUIPMENT, SYSTEM AND EQUIPMENT TO CARRY OUT SAID METHOD
- PROCEDE DE SIGNALISATION ENTRE UN SYSTEME DE COMMUTATION ET UN EQUIPEMENT TELEPHONIQUE TERMINAL, ET SYSTEME ET EQUIPEMENT POUR LA MISE EN OEUVRE
- (71) **MATRA NORTEL COMMUNICATIONS** [FR/FR]; 50, rue du Président Sadate, F-29100 Quimper (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MERCURIALI, Jean-Pierre** [FR/FR]; 10, rue de Chartres, F-91400 Orsay (FR).  
**LEGER, Luc** [FR/FR]; 4, villa du Roi Henri IV, F-92370 Chaville (FR).
- (74) **LOISEL, Bertrand** et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04M 1/60, 1/725**
- (11) **WO 00/70846** (13) A1
- (21) PCT/DE00/01479
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) de (26) de
- (30) 199 22 179.0 **12 May/mai 1999 DE (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● AUDIO RECEIVER, COMPRISING AN AUDIO MODULE FOR A MOBILE TELEPHONE SYSTEM
- DISPOSITIF DE RECEPTION AUDIO A MODULE AUDIO POUR UN SYSTEME DE TELEPHONIE MOBILE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MERKER, Andreas** [DE/DE]; In Kochs Weide 5 A, D-46395 Bocholt (DE).  
**SCHLIWA, Peter** [DE/DE]; Hasselmanns Feld 27, D-46499 Hamminkeln (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **H04M 1/274, H04Q 7/32**
- (11) **WO 00/70845** (13) A1
- (21) PCT/SE00/00962
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 9901797-2 **17 May/mai 1999 SE (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● TELEPHONE BOOK NUMBER CONVERSION
- CONVERSION DE NUMERO D'ANNUAIRE TELEPHONIQUE
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **NILSSON, Daniel**; Kungsholmsgatan 54, S-112 27 Stockholm (SE). **GRANQVIST, Bo-Eric**; Upplandsgatan 77, S-113 44 Stockholm (SE). **DAIJAVAD, Patrik**; Fridhemsgatan 6, S-112 40 Stockholm (SE). **EBERLE, Kai**; Källparksvägen 33, S-187 67 Täby (SE).
- (74) **FORSSELL, G.** et al. / etc.; Albihns Patentbyrå Stockholm AB, P.O. Box 5581, S-114 85 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04M 1/64, 3/00**
- (11) **WO 00/70847** (13) A1
- (21) PCT/US00/13265
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/312,910 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD AND SYSTEM FOR TERMINATION BLOCKING OF MESSAGE DELIVERY SERVICE IN A SWITCH-BASED TELECOMMUNICATION SYSTEM
- PROCEDE ET SYSTEME DE BLOCAGE DE TERMINAISON DE SERVICE DE REMISE DE MESSAGES
- DANS UN SYSTEME DE TELECOMMUNICATION A COMMUTATION
- (71) **AMERITECH CORPORATION** [US/US]; 4H80, 2000 W. Ameritech Center Drive, Hoffman Estates, IL 60196-1025 (US).
- (72) **CROCKETT, Susanne, Marie**; 1214 Brandywyn Lane, Buffalo Grove, IL 60089-1104 (US). **BLUMENSCHNEIDER, Gordon, Lynn**; 4 Brook Court, Woodridge, IL 60517 (US).
- (74) **RAUCH, John, G.**; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04M 1/725, G06T 15/70**
- (11) **WO 00/70848** (13) A1
- (21) PCT/EP00/04339
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) de (26) de
- (30) 199 22 068.9 **14 May/mai 1999 DE (14.05.1999)**
- (30) 199 23 026.9 **19 May/mai 1999 DE (19.05.1999)**
- (30) 199 40 954.4 **20 Aug/août 1999 DE (20.08.1999)**
- (30) 199 41 642.7 **27 Aug/août 1999 DE (27.08.1999)**
- (30) 199 54 032.2 **29 Oct/oct 1999 DE (29.10.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD FOR TRANSMITTING SYMBOLS AND/OR INFORMATION FROM A SENDER TO A RECIPIENT
- PROCEDES DE TRANSMISSION DE SYMBOLES ET/OU D'INFORMATIONS ENTRE UN EXPEDITEUR ET UN DESTINATAIRE
- (71, 72) **SCHÜTZE, Petra** [DE/DE]; Neubrücker Str. 37, D-13465 Berlin (DE). **SCHARMBERG, Nils** [DE/DE]; Räuschstrasse 70, D-13509 Berlin (DE).
- (72, 75) **FLOREK, Christof** [DE/DE]; Neubrücker Strasse 37, D-13465 Berlin (DE).
- (74) **SCHNEIDER, Henry**; Friedrichstrasse 153 A, D-10117 Berlin (DE).
- (81) AU JP SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)

- (51)<sup>7</sup> **H04M 3/00**
- (11) **WO 00/70849** (13) A2
- (21) PCT/US00/13230
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/311,097 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CALL CENTER SCHEDULING SYSTEM  
• SYSTEME D'ORDONNANCEMENT DE CENTRALE TELEPHONIQUE
- (71) **WILLOW CSN, INC.** [US/US]; 701 Brickell Avenue, Suite 1850, Miami, FL 33131 (US).
- (72) **CHERRY, Richard, S.**; 10275 Collins Avenue, Suite 1531, Miami, FL 33154-1424 (US).
- (74) **FRIEDLAND, David, K.**; Lott & Friedland, P.A., P.O. Box 141098, Coral Gables, FL 33114-1098 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04M 3/42**
- (11) **WO 00/70851** (13) A1
- (21) PCT/CN00/00082
- (22) **10 Apr/avr 2000 (10.04.2000)**
- (25) zh (26) zh
- (30) 99 1 13639.X **15 Apr/avr 1999 CN (15.04.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SELF-ASSISTANT TOUR GUIDE SYSTEM AND METHOD OF THE SAME  
• SYSTEME GUIDE TOURISTIQUE DE TYPE LIBRE SERVICE ET PROCEDE CONNEXE
- (71, 72) **PANG, Xuelei** [CN/CN]; Room 602, No. 20/768, South Qingzhou Road, Shanghai 200233 (CN).
- (74) **SHANGHAI PATENT & TRADEMARK LAW OFFICE**; Chen, Liany, 435 Guiping Road, Shanghai 200233 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04M 3/38, 1/66**
- (11) **WO 00/70850** (13) A1
- (21) PCT/IB00/00623
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) fr (26) fr
- (30) 930/99 **17 May/mai 1999 CH (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND DEVICE FOR DETECTING THE UNAUTHORIZED USE OF A TELEPHONE LINE  
• PROCEDE ET DISPOSITIF DE DETECTION D'UTILISATION NON AUTORISEE DE LIGNE TELEPHONIQUE
- (71) **LANDIS & GYR COMMUNICATIONS SARL** [CH/CH]; 70, rue du Grand-Pré, CH-1211 Genève 2 (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LABIE, Jacques** [CH/CH]; 15, avenue du Clos-d'Asper 15, CH-1170 Aubonne (CH).
- (74) **WENGER, Joel**; Griffes Consulting S.A., 81, route de Florissant, CH-1206 Genève (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04M 3/56, 3/58, H04Q 3/00**
- (11) **WO 00/70852** (13) A1
- (21) PCT/DE00/01505
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) de (26) de
- (30) 199 22 554.0 **17 May/mai 1999 DE (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • PATH REPLACEMENT DURING THE CONVERSION OF A THREE-PARTY TELECOMMUNICATIONS CONNECTION INTO A TWO-PARTY TELECOMMUNICATIONS CONNECTION  
• REMPLACEMENT D'ITINERAIRE LORS DE LA CONVERSION D'UNE LIAISON TELEPHONIQUE A TROIS
- ABONNES EN UNE LIAISON TELEPHONIQUE A DEUX ABONNES
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KREMBS, Bernhard** [DE/DE]; Mechtildenstrasse 11A, D-82031 Grünwald (DE). **HENZ, Volker** [DE/DE]; Theodor-Heuss-Strasse 31, D-85764 Oberschleissheim (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).
- (81) AU BR CN SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **H04M 9/00**
- (11) **WO 00/70853** (13) A2
- (21) PCT/US00/06716
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/310,100 **12 May/mai 1999 US (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHODS AND APPARATUS FOR PROVIDING VOLUME CONTROL IN COMMUNICATIONS SYSTEMS INCLUDING A LINEAR ECHO CANCELER  
• PROCEDES ET APPAREIL PERMETTANT UN CONTROLE DE VOLUME DANS DES SYSTEMES DE COMMUNICATIONS COMPRENANT UN COMPENSATEUR D'ECHO LINEAIRE
- (71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).
- (72) **ROMESBURG, Eric, Douglas**; 69b Half Dollar Road, Chapel Hill, NC 27516 (US). **MAKOVICKA, Thomas, John**; 704 Loch Highlands Drive, Raleigh, NC 27606 (US).
- (74) **DUBOIS, Steven, M.**; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04M 9/08, H04B 3/23**
- (11) **WO 00/70854** (13) A1
- (21) PCT/EP00/04413

- (22) **16 May/mai 2000 (16.05.2000)**  
(25) en (26) en
- (30) 09/313,636 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHODS AND APPARATUS FOR IMPROVING ADAPTIVE FILTER INITIALIZATION AND RECOVERY IN BI-DIRECTIONAL COMMUNICATIONS SYSTEMS  
• PROCEDES ET APPAREIL PERMETTANT D'AMELIORER L'INITIALISATION ET LA RECUPERATION D'UN FILTRE ADAPTATIF DANS LES SYSTEMES DE COMMUNICATION BIDIRECTIONNELLE
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **CHRISTENSSON, Nils**; Davidhallsgatan 26, S-211 45 Malmö (SE). **PHILIPSSON, John**; Davidhallsgatan 26, S-211 45 Malmö (SE).
- (74) **ERICSSON MOBILE COMMUNICATIONS AB**; IPR Department, S-221 83 Lund (SE).
- (81) AE AG AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H04M 11/00**  
(11) **WO 00/70855** (13) A2  
(21) PCT/US00/12598  
(22) **9 May/mai 2000 (09.05.2000)**  
(25) en (26) en  
(30) 09/312,178 **14 May/mai 1999 US (14.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR DIGITAL PABX DETECTION AND MODEM INTERFACE PROTECTION  
• PROCEDE ET DISPOSITIF DE DETECTION D'AUTOCOMMUNICATEUR PRIVE NUMERIQUE ET DE PROTECTION D'INTERFACE DE MODEM
- (71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660 (US).
- (72) **SACCA, Frank**; 23036 Rio Lobos Road, Diamond Bar, CA 91765 (US). **MONTO-VANI, Alberto**; 24606 Via del Oro, Laguna Niguel, CA 92677 (US). **SKOV, James, Bunde, Villadsen**; 32131 East Nine Drive, Laguna Niguel, CA 92677 (US).
- (74) **GESS, Albin, H.**; Price, Gess & Ubell, Suite 250, 2100 S.E. Main Street, Irvine, CA 92614 (US).
- (81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H04M 11/06, 1/738**  
(11) **WO 00/70856** (13) A1  
(21) PCT/US00/12595  
(22) **9 May/mai 2000 (09.05.2000)**  
(25) en (26) en  
(30) 09/312,412 **14 May/mai 1999 US (14.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TELEPHONE LINE INTERFACE CIRCUIT WITH INTELLIGENT LINE CURRENT AND VOLTAGE CONTROL  
• CIRCUIT D'INTERFACE DE LIGNE TELEPHONIQUE, DOTE D'UNE COMMANDE INTELLIGENTE DU COURANT ET DE LA TENSION DE LIGNE
- (71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660 (US).
- (72) **SACCA, Frank**; 23036 Rio Lobos Road, Diamond Bar, CA 91765 (US). **RAHAMIM, Raphael**; 2717 N. Vista Court, Orange, CA 92867 (US).
- (74) **GESS, Albin, H.**; Price, Gess & Ubell, Suite 250, 2100 S.E. Main Street, Irvine, CA 92614 (US).
- (81) CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H04M 11/06, 1/738, H03H 11/42, H04L 27/00**  
(11) **WO 00/70857** (13) A1  
(21) PCT/US00/12596  
(22) **9 May/mai 2000 (09.05.2000)**  
(25) en (26) en  
(30) 09/312,136 **14 May/mai 1999 US (14.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ELECTRONIC INDUCTOR WITH TRANSMIT SIGNAL TELEPHONE LINE DRIVER  
• INDUCTEUR ELECTRONIQUE DOTE D'UN CIRCUIT D'ATTAQUE DE LIGNE TELEPHONIQUE A SIGNAUX D'EMISSION
- (71) **CONEXANT SYSTEMS, INC.** [US/US]; 4311 Jamboree Road, Newport Beach, CA 92660 (US).
- (72) **SACCA, Frank**; 23036 Rio Lobos Road, Diamond Bar, CA 91765 (US). **RAHAMIM, Raphael**; 2717 N. Vista Court, Orange, CA 92867 (US).
- (74) **GESS, Albin, H.**; Price, Gess & Ubell, Suite 250, 2100 S.E. Main Street, Irvine, CA 92614 (US).
- (81) CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **H04M 15/00, H04Q 3/00**  
(11) **WO 00/70858** (13) A1  
(21) PCT/FI00/00434  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) fi (26) en  
(30) 991099 **12 May/mai 1999 FI (12.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND SYSTEM FOR CHARGING VALUE-ADDED CALLS  
• PROCEDE ET SYSTEME POUR FACTURER DES APPELS A VALEUR AJOUTEE
- (71) **HELSINGIN PUHELIN OYJ - HELSINGFORS TELEFON ABP** [FI/FI]; PL 148, FIN-00131 Helsinki (FI).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ISOTALO, Lauri** [FI/FI]; Kauppakarantankatu 15 B 19, FIN-00930 Helsinki (FI).
- (74) **SEPPO LAINE OY**; Itämerenkatu 3 B, FIN-00180 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H04M 15/00**  
(11) **WO 00/70859** (13) A2  
(21) PCT/IB00/00634  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) en (26) en  
(30) 09/310,944 **13 May/mai 1999 US (13.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SENDING BILLING MESSAGES IN A TELEPHONE NETWORK

- ENVOI DE MESSAGES DE FACTURATION DANS UN RESEAU TELEPHONIQUE
- (71) **NORTEL NETWORKS LIMITED** [CA/CA]; World Trade Center of Montreal, 380 St. Antoine Street West, 8th floor, Montreal, Quebec H2Y 3Y4 (CA).
- (72) **BOUFFARD, Claude, C.**; RR#1, OB/CP V4, Chelsea, Quebec J0X 1N0 (CA). **SHEPERTYCKI, Stephen, T.**; 102 Whitegate Crescent, Nepean, Ontario K2J 4B7 (CA). **ANDERSEN, Peter, J.**; 274 Currell Avenue, Ottawa, Ontario K1Z 7J6 (CA). **GA-WARGY, Micheal, M.**; 650 Seyton Drive, Nepean, Ontario K2H 1A1 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04M 17/02**
- (11) **WO 00/70861** (13) A1
- (21) PCT/FR00/01301
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) fr (26) fr
- (30) 99/06123 **12 May/mai 1999 FR (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DEVICE FOR SECURING A TELEPHONE LINE IN THE AUDIBLE RANGE
- DISPOSITIF DE SECURISATION D'UNE LIGNE TELEPHONIQUE DANS LE DOMAINE AUDIBLE
- (71) **SCHLUMBERGER SYSTEMES** [FR/FR]; 50 Avenue Jean Jaurès, F-92120 Montrouge (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARAKAT, Simon** [FR/FR]; 5bis Route De Leuville, F-91290 Saint Germain Les Arpajon (FR).
- (74) **FERNANDEZ, Francis**; Schlumberger Systemes, Test & Transactions, 50 Avenue Jean Jaurès, Bp 620-12, F-92542 Montrouge Cedex (FR).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04M 19/08**
- (11) **WO 00/70862** (13) A1
- (21) PCT/FR00/01280
- (22) **11 May/mai 2000 (11.05.2000)**
- (25) fr (26) fr
- (30) 99/06242 **12 May/mai 1999 FR (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TELEPHONE-LINE BASED POWER SUPPLY SYSTEM
- SYSTEME D'ALIMENTATION A PARTIR D'UNE LIGNE TELEPHONIQUE
- (71) **ASCOM MONETEL S.A.** [FR/FR]; rue Claude Chappe, F-07500 Guilherand-Granges (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAMMER, Emeric** [FR/FR]; 405, rue Louis Berger, F-26500 Bourg-les-Valence (FR).
- (74) **DE BEAUMONT, Michel**; Cabinet Conseil, 1, rue Champollion, F-38000 Grenoble (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04N 1/46**
- (11) **WO 00/70863** (13) A2
- (21) PCT/US00/13390
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/314,573 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • IMAGE RECONSTRUCTION ARCHITECTURE
- ARCHITECTURE DE RECONSTRUCTION D'IMAGES
- (71) **ELECTRONICS FOR IMAGING, INC.** [US/US]; 303 Velocity Way, Foster City, CA 94404 (US).
- (72) **KARIDI, Ron, J.**; 1425 North Dearborn Street, Apartment 3C, Chicago, IL 60610 (US).
- (74) **GLENN, Michael, A.** et al. / etc.; Law Offices of Michael A. Glenn, 3475 Edison Way, Suite L., Menlo Park, CA 94025 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04M 15/28, 15/30**
- (11) **WO 00/70860** (13) A1
- (21) PCT/US00/10307
- (22) **17 Apr/avr 2000 (17.04.2000)**
- (25) en (26) en
- (30) 09/313,033 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • APPARATUS AND METHODS FOR PROVIDING USAGE INFORMATION IN WIRELESS COMMUNICATIONS SYSTEMS
- APPAREIL ET PROCÉDES FOURNISANT DES INFORMATIONS D'USAGE DANS DES SYSTÈMES DE COMMUNICATION SANS FIL
- (71) **ERICSSON, INC.** [US/US]; 7000 Development Drive, P.O. Box 13969, Research Triangle Park, CA 27709 (US).
- (72) **RAITH, Alex, Krister**; Park Ridge Road 805-A5, Durham, NC 27713 (US).
- (74) **MEEKS, Robert, M.** et al. / etc.; Myers, Bigel, Sibley, & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).

- (51)<sup>7</sup> **H04N 3/15**  
 (11) **WO 00/70864** (13) A1  
 (21) PCT/EP00/04607  
 (22) **17 May/mai 2000 (17.05.2000)**  
 (25) de (26) de  
 (30) 199 22 650.4 **18 May/mai 1999 DE (18.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **SENSOR MATRIX**  
 • **MATRICE DE DETECTION**
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
*(only for / seulement pour AT BE CH CY DK ES FI FR GB GR IE IT JP LU MC NL PT SE)*
- (71) **PHILIPS CORPORATE INTELLECTUAL PROPERTY GMBH** [DE/DE]; Habsburgerallee 11, D-52066 Aachen (DE).  
*(only for / seulement pour DE)*
- (72, 75) **BUSSE, Falko** [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).  
**OVERDICK, Michael** [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).  
**RÜTTEN, Walter** [DE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).  
**POWELL, Martin, J.** [GB/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **VOLMER, Georg**; Internationaal Octrooi-bureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H04N 3/15, 7/26**  
 (11) **WO 00/70865** (13) A1  
 (21) PCT/IL00/00272  
 (22) **12 May/mai 2000 (12.05.2000)**  
 (25) en (26) en  
 (30) 60/133,941 **13 May/mai 1999 US (13.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **A METHOD AND APPARATUS FOR PROVIDING ADAPTIVE MULTIPLE RESOLUTION TO OPTICAL IMAGERS**  
 • **PROCEDE ET APPAREIL SERVANT A POURVOIR DES IMAGEURS OPTIQUES D'UNE RESOLUTION MULTIPLE ADAPTATIVE**
- (71) **BEN-GURION UNIVERSITY OF THE NEGEV** [IL/IL]; Research & Development Authority, P.O. Box 653, 84105 Beer-sheva (IL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **YADID-PECHT, Orly** [IL/IL]; 44 Freud Street, 34753 Haifa (IL).
- (74) **LUZZATTO, Kfir** et al. / etc.; Luzzatto & Luzzatto, P.O. Box 5352, 84152 Beer-sheva (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04N 5/225**  
 (11) **WO 00/70866** (13) A1  
 (21) PCT/JP00/01488  
 (22) **10 Mar/mar 2000 (10.03.2000)**  
 (25) ja (26) ja  
 (30) 11/132973 **13 May/mai 1999 JP (13.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **THROWAWAY DIGITAL CAMERA**  
 • **APPAREIL PHOTO NUMERIQUE JETABLE**
- (71) **SBU CONSULTANT COMPANY** [JP/JP]; #801 Tojyusou Yamabukichou Building, 337, Yamabuki-chou, Shinjyuku-ku, Tokyo 162-0801 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TAKEMOTO, Tarou** [JP/JP]; SBU Consultant Company, #801 Tojyusou Yamabukichou Building, 337, Yamabuki-chou, Shinjyuku-ku, Tokyo 162-0801 (JP).
- (74) **NAKAI, Nobuhiro**; Stork Kojima Building 7F, 1-24, Temmabashi-kyomachi, Chuo-ku, Osaka-shi, Osaka 540-0032 (JP).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04N 5/46, 5/44**  
 (11) **WO 00/70868** (13) A1  
 (21) PCT/US00/13219  
 (22) **15 May/mai 2000 (15.05.2000)**  
 (25) en (26) en  
 (30) 09/311,252 **13 May/mai 1999 US (13.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • **RECEIVER FOR ANALOG AND DIGITAL TELEVISION SIGNALS**  
 • **RECEPTEUR DE SIGNAUX DE TELEVISION ANALOGIQUES ET NUMERIQUES**
- (71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN5300, Princeton, NJ 08543-5300 (US).
- (72) **BALABAN, Alvin, Reuben**; 2 Fawn Drive, Lebanon, NJ 08833 (US).  
**LOW, Michael, Louie**; 95 Providence Boulevard, Kendall Park, NJ 08824 (US).  
**FOX, Edward, Coley**; 4 Steele Drive, RD1, Cranbury, NJ 08512 (US).
- (74) **NEY, Andrew, L.**; Ratner & Prestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US) et al. / etc.
- (81) BR CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H04N 7/00, 7/10, H04B 9/00, 17/00**  
 (11) **WO 00/70869** (13) A1  
 (21) PCT/IL00/00278
- **SYSTEME DE TELECHARGEMENT POUR DISPOSITIFS ELECTRONIQUES GRAND PUBLIC**
- (71) **INDEX SYSTEMS, INC.** [—/—]; Craigmuir Chambers, P.O. Box 71, Road Town, Tortola (VG).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MACRAE, Douglas, B.** [US/US]; 23 Cart Path Road, Weston, MA 02493 (US).  
**DIAS, Stephen, R.** [US/US]; 23 Norfolk Place, Sharon, MA 02067 (US).  
**KHAN, Zafar** [PK/US]; 360 Littleton Road, No. 14-G, Chelmsford, MA 01824 (US).
- (74) **MONROE, Wesley, W.**; Christie, Parker & Hale, L.L.P., P.O. Box 7068, Pasadena, CA 91109-7068 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 09/314,455 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • MONITORING SYSTEM  
• SYSTEME DE CONTROLE
- (71) **CONTENTWISE LTD.** [IL/IL]; Building No. 14, Weisman Park, 70406 Nes Ziona (IL).
- (72) **HERSHTIK, Asher**; Mobile Post Modiin, 71935 Dolev (IL).
- (74) **KORAKH, Eliav**; Borochoy, Korakh, Eliezri & Co., 15th Floor, Clal Atidim Tower, P.O.B 58100, 61580 Tel Aviv (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H04N 7/01, 5/253**
- (11) **WO 00/70870** (13) A1
- (21) PCT/JP00/02969
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) ja (26) ja
- (30) 11/130912 **12 May/mai 1999 JP (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • TELECINE VIDEO SIGNAL DETECTING DEVICE  
• DISPOSITIF DE DETECTION DE SIGNAUX VIDEO DE TELECINEMA
- (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) **NAGAO, Hiroko** [JP/JP]; 16-526-302, Matsushiro 5-chome, Tsukuba-shi, Ibaraki 305-0035 (JP). **TOYONAGA, Eiichi** [JP/JP]; F302, Saintpaulia, 95-8, Tawaraguchicho, Ikoma-shi, Nara 630-0243 (JP).
- (74) **OGASAWARA, Shiro**; Daisan-Longev' Bldg., 3-11, Enokicho, Suita-shi, Osaka 564-0053 (JP).
- (81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H04N 7/10, H04M 11/00, G06F 13/00**
- (11) **WO 00/70871** (13) A1
- (21) PCT/US00/09779
- (22) **12 Apr/avr 2000 (12.04.2000)**
- (25) en (26) en
- (30) 09/311,916 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR COMBINING VIDEO DATA WITH STATIC WEB PAGE DATA  
• PROCEDE ET DISPOSITIF DESTINES A COMBINER DES DONNEES VIDEO AVEC DES DONNEES DE PAGE WEB STATIQUE
- (71) **UNITED INTERNET TECHNOLOGIES, INC.** [US/US]; 1900 Westwood Boulevard, Los Angeles, CA 90025 (US).
- (72) **EADY, Robert**; 281 Cumberland Street, Ottawa, Ontario K1N 7H8 (CA). **SAHAKIAN, Edwin**; 405 East Fairview #14, Glendale, CA 91207 (US).
- (74) **HYMAN, Eric, S.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04N 7/14**
- (11) **WO 00/70872** (13) A1
- (21) PCT/US00/13622
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) 09/313,131 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • IN CAMERA MESSAGING AND ADVERTISEMENT SYSTEM  
• SYSTEME DE MESSAGERIE ET DE PUBLICITE INTEGRE A UN APPAREIL DE PRISE DE VUES
- (71) **FOTONATION, INC.** [US/US]; 199 California Drive, Millbrae, CA 94030 (US).
- (72) **STEINBERG, Eran**; 372 Douglass Street, San Francisco, CA (US).
- (74) **JAFFER, David, H.**; Pillsbury Madison & Sutro, 1100 New York Avenue, NW, Washington, DC 20005-3918 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H04N 7/15, G06F 9/00, 15/16**
- (11) **WO 00/70873** (13) A1
- (21) PCT/RU99/00241
- (22) **19 Jul/juil 1999 (19.07.1999)**
- (25) ru (26) ru
- (30) 99109266 **28 Apr/avr 1999 RU (28.04.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • INTERACTIVE ADVERTISING AND INFORMATION NETWORK FOR MULTIMEDIA SALOONS  
• RESEAU INTERACTIF PUBLICITAIRE ET INFORMATIF POUR SALONS MULTIMEDIA
- (71, 72) **GORELIK, Samuil Leibovich** [RU/RU]; Aptekarsky pr., 6-700, St.Petersburg, 197376 (RU).
- (81) DE (Utility model / modèle d'utilité) LT LV UA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H04N 7/18**
- (11) **WO 00/70874** (13) A1
- (21) PCT/US00/11330
- (22) **27 Apr/avr 2000 (27.04.2000)**
- (25) en (26) en
- (30) 60/133,724 **12 May/mai 1999 US (12.05.1999)**
- (30) 09/505,085 **16 Feb/fév 2000 US (16.02.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR AN IMPROVED WIDE-ANGLE DISPLAY SYSTEM  
• PROCEDE ET DISPOSITIF POUR UN SYSTEME D'AFFICHAGE GRAND ANGULAIRE AMELIORE
- (71) **REDIFUN STIMULATION, INC.** [US/US]; 260 Bank Street, Southlake, TX 76092 (US).
- (72) **BORDOVSKY, Robert, D.**; 710 Rocky Canyon Road, Arlington, TX 76012 (US). **HUGHES, Richard, B.**; 2960 Kimberly Drive, Grapevine, TX 76051 (US). **MEHTA, Amit**; 1403 San Marcos Drive, Arlington, TX 76012 (US). **WHEATLEY, Neil, M.**; 1301 Plantation Drive, Southlake, TX 76092 (US).
- (74) **WEATHERFORD, Sidney, L.**; Novakov & Davis, P.C., 2000 St. Paul Place, 750 North St. Paul, Dallas, TX 75201-3286 (US).
- (81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)

- (51)<sup>7</sup> **H04N 7/18, 5/225**
- (11) **WO 00/70875** (13) A1  
(21) PCT/US00/12965  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) en (26) en  
(30) 09/311,907 **14 May/mai 1999** US  
(14.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) • VIDEO INSPECTION DEVICE  
• APPAREIL DE CONTROLE VIDEO
- (71) **SNAP-ON TECHNOLOGIES, INC.** [US/US]; 420 Barclay Boulevard, Lincolnshire, IL 60069 (US).
- (72) **HANSEN, Richard, W.;** 846 Doyle Road, San Jose, CA 95129 (US). **ELMENDORF, Patrick;** 25050 Century Oaks Circle, Castro Valley, CA 94552 (US). **SHAPIRO, Bruce;** 320 Durham Street, Menlo Park, CA 94025 (US). **HENNEN, Chip;** 2030 Queens Lane, San Mateo, CA 94402 (US).
- (74) **BECKER, Stephen, A.** et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H04N 7/24**
- (11) **WO 00/70876** (13) A1  
(21) PCT/SE00/00966  
(22) **16 May/mai 2000 (16.05.2000)**  
(25) sv (26) en  
(30) 9901775-8 **17 May/mai 1999** SE  
(17.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) • DEVICE FOR CHANGING CHANNELS IN A DIGITAL TELEVISION RECEPTION SYSTEM  
• DISPOSITIF DE COMMUTATION DES CANAUX D'UN SYSTEME DE RECEPTION DE TELEVISION NUMERIQUE
- (71) **OMICRON CETI AB** [SE/SE]; Borgarfjordsgatan 7, S-164 40 Kista (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WRIFE, Kenneth** [SE/SE]; Henrik Palmes Allé 18, S-182 69 Djursholm (SE).
- (74) **BERNHULT, Lennart** et al. / etc.; AB Stockholms Patentbyrå, Zacco & Bruhn, P.O. Box 23101, S-104 35 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H04N 7/26**
- (11) **WO 00/70877** (13) A2  
(21) PCT/US00/03870  
(22) **16 Feb/fév 2000 (16.02.2000)**  
(25) en (26) en  
(30) 09/252,135 **18 Feb/fév 1999** US  
(18.02.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) • METHOD AND ARCHITECTURE FOR CONVERTING MPEG-2 4:2:2-PROFILE BITSTREAMS INTO MAIN-PROFILE BITSTREAMS  
• PROCEDE ET ARCHITECTURE DE CONVERSION DE TRAINS BINAIRES DE PROFIL MPEG-2 4:2:2 EN TRAINS BINAIRES DE PROFIL PRINCIPAL
- (71) **GENERAL INSTRUMENT CORPORATION** [US/US]; 101 Tournament Drive, Horsham, PA 19044 (US).
- (72) **CHEN, Xuemin;** 8560 Foxcroft Place, San Diego, CA 92129 (US). **WANG, Limin;** 13641 Shoal Summit Drive, San Diego, CA 92128 (US). **LUTHRA, Ajay;** 13695 Winstanley Way, San Diego, CA 92130 (US). **EIFRIG, Robert, O.;** 9640 Carroll Canyon Road #L-7, San Diego, CA 92126 (US).
- (74) **LIPSITZ, Barry, R.;** Building No. 8, 755 Main Street, Monroe, CT 06468 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04N 7/34, 7/50**
- (11) **WO 00/70878** (13) A1  
(21) PCT/US00/11764  
(22) **27 Apr/avr 2000 (27.04.2000)**  
(25) en (26) en  
(30) 09/310,531 **12 May/mai 1999** US  
(12.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) • A SYSTEM AND METHOD FOR PERFORMING INVERSE QUANTIZATION OF A VIDEO STREAM  
• SYSTEME ET PROCEDE D'EXECUTION D'UNE QUANTIFICATION INVERSE D'UN TRAIN DE SEQUENCES VIDEO
- (71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).
- (72) **LUNA, Amelia, Carino;** 6553 Edgebrook Court, San Jose, CA 95120 (US). **WANG, Jason, Naxin;** 1238 Oregold Place, San Jose, CA 95131 (US). **WILLIAMS, Lawrence, Richard;** 4110 Scotts Valley Drive #15, Scotts Valley, CA 95066 (US).
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- (74) **SOBRINO, Maria, E.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H04N 7/36**
- (11) **WO 00/70879** (13) A1  
(21) PCT/SG99/00041  
(22) **13 May/mai 1999 (13.05.1999)**  
(25) en (26) en  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) • ADAPTIVE MOTION ESTIMATOR  
• ESTIMATEUR DE MOUVEMENT ADAPTATIF
- (71) **STMICROELECTRONICS ASIA PACIFIC PTE LTD.** [SG/SG]; 28 Ang Mo Kio Industrial Park 2, Singapore 569508 (SG).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OH, Hong, Lye** [SG/SG]; Block 455 Sin Ming Avenue, #07-483, Singapore 570455 (SG). **HUI, Yau, Wai, Lucas** [SG/SG]; 10H Braddell Hill #24-31, Singapore 579727 (SG).
- (74) **DONALDSON & BURKINSHAW;** P.O. Box 3667, Singapore 905667 (SG).
- (81) JP SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H04N 9/31, G02B 5/08**
- (11) **WO 00/70880** (13) A1  
(21) PCT/US00/12691  
(22) **9 May/mai 2000 (09.05.2000)**  
(25) en (26) en  
(30) 09/312,339 **14 May/mai 1999** US  
(14.05.1999)  
(43) 23 Nov/nov 2000 (23.11.2000)  
(54) • PROJECTION SYSTEM WITH POLYMERIC FILM OPTICAL COMPONENTS  
• SYSTEME DE PROJECTION A CONSTITUANTS OPTIQUES EN FILM POLYMERE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **MOSHREFZADEH, Robert, S.;** P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **MILLER, William, D.** et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).



- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **H04N 9/64**
- (11) **WO 00/70881** (13) A1
- (21) PCT/KR00/00249
- (22) **22 Mar/mar 2000 (22.03.2000)**
- (25) ko (26) en
- (30) 60/134,550 **17 May/mai 1999** US (17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • COLOR IMAGE PROCESSING METHOD  
• PROCÉDE DE TRAITEMENT D'IMAGE EN COULEUR
- (71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do 442-373 (KR). **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th floor, Oakland, CA 94607-5200 (US).
- (72) **SHIN, Hyun, Doo**; 510-1302 Mujigae Maeul Cheonggu Apt., 221 Kumi-dong, Bundang-gu, Sungnam-city, Kyungki-do 463-500 (KR). **CHOI, Yang, Lim**; 102-1112 Wooman Sunkyoung Apt., 105 Wooman-dong, Paldal-gu, Kyungki-do 442-190 (KR). **DENG, Yining**; Department of Electrical and Computer Engineering, University of California, Santa Barbara, CA 93106-9560 (US). **MANJUNATH, B., S.**; Department of Electrical and Computer Engineering, University of California, Santa Barbara, CA 93106-9560 (US).
- (74) **LEE, Young, Pil**; The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu, Seoul 137-073 (KR).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **H04N 13/04**
- (11) **WO 00/70882** (13) A1
- (21) PCT/US00/13365
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/312,998 **17 May/mai 1999** US (17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • DISPLAYER AND METHOD FOR DISPLAYING  
• DISPOSITIF D'AFFICHAGE ET PROCÉDE DE PRESENTATION
- (71) **NEW YORK UNIVERSITY** [US/US]; 550 First Avenue, New York, NY 10016 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PERLIN, Kenneth** [US/US]; Apartment 31B, 7-12 Washington Square North, New York, NY 10003 (US).
- (74) **SCHWARTZ, Ansel, M.**; Suite 304, 201 N. Craig Street, Pittsburgh, PA 15213 (US).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **H04Q 3/00**
- (11) **WO 00/70883** (13) A1
- (21) PCT/EP99/03352
- (22) **14 May/mai 1999 (14.05.1999)**
- (25) en (26) en
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • IP TELEPHONY GATEWAY  
• PASSERELLE TELEPHONIQUE IP
- (71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VESTERINEN, Timo** [FI/FI]; Koivunrunko 6a, FIN-02130 Espoo (FI).
- (74) **PELLMANN, Hans-Bernd** et al. / etc.; Tiedtke-Bühling-Kinne et al., Bavariaring 4, D-80336 München (DE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **H04Q 3/00**
- (11) **WO 00/70884** (13) A1
- (21) PCT/EP00/04227
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 9911244.3 **15 May/mai 1999** GB (15.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SIGNALLING IN A TELECOMMUNICATIONS NETWORK  
• SIGNALISATION DANS UN RESEAU DE TELECOMMUNICATIONS
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-12625 Stockholm (SE).
- (72) **GRAF, Leslie**; 3 Hender Court, Balwyn, Melbourne, 3103 (AU). **HOLLIS, Mark**; 1 Daintree Avenue, Park Orchards, 3114 (AU). **TERRIL, Stephen**; C/- Hamacher, Flemminggatan 45, 4TR, S-11232 Stockholm (SE). **GROVES, Christian**; 21 Garden Avenue, Keilor, VIC 3036 (AU). **NOGUERA-RODRIGUEZ, Juan**; 3/48 Deakin Street, Essendon, VIC 3040 (AU).
- (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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **H04Q 3/00, 7/30**
- (11) **WO 00/70885** (13) A1
- (21) PCT/EP00/04229
- (22) **9 May/mai 2000 (09.05.2000)**
- (25) en (26) en
- (30) 9911441.5 **17 May/mai 1999** GB (17.05.1999)
- (30) 9914654.0 **22 Jun/juin 1999** GB (22.06.1999)
- (30) 9914700.1 **23 Jun/juin 1999** GB (23.06.1999)
- (30) 9915366.0 **2 Jul/juil 1999** GB (02.07.1999)
- (30) 9921647.5 **15 Sep/sep 1999** GB (15.09.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CAPABILITY NEGOTIATION IN A TELECOMMUNICATIONS NETWORK  
• NEGOCIATION RELATIVE A LA CAPACITE DANS UN RESEAU DE TELECOMMUNICATIONS

- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **GRAF, Leslie**; 3 Hender Court, Balwyn, Melbourne, 3103 (AU). **HOLLIS, Mark**; 1 Daintree Avenue, Park Orchards, 3114 (AU). **HOLLIS, Paul**; 22 Harris Road, Nth Ringwood, Victoria 3134 (AU). **DIKIC, Nebosja**; 3/70 O'Shanassy Street, North Melbourne, Victoria 3051 (AU). **DE NICOLO, David**; 3/27 Hampton Road, West Essendon, Victoria 3134 (AU). **TERRIL, Stephen**; Hamacher, Flemminggatan 45, 4TR, S-112 32 Stockholm (SE). **GROVES, Christian**; 21 Garden Avenue, Keilor, Victoria 3036 (AU). **RAMSTRÖM, Sune**; Kaptengatan 11, S-852 32 Sundsvall (SE). **RYTINA, Ian**; Lund, Gotlandsgatan 58, str, S-116 65 Stockholm (SE). **KARI, Lars**; Heleneborgsgatan 8c, S-117 32 Stockholm (SE). **NOGUERA-RODRIGUEZ, Juan**; 3/48 Deakin Street, Essendon, Victoria 3040 (AU). **DINGLE, Barry**; 12 Minkara Court, Croydon, 3136 (AU).
- (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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **H04Q 7/00**
- (11) **WO 00/70886** (13) A2
- (21) PCT/SE00/00817
- (22) **28 Apr/avr 2000 (28.04.2000)**
- (25) en (26) en
- (30) 09/314,231 **18 May/mai 1999 US (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SYSTEM AND METHOD FOR PROVIDING ACCESS TO THE INTERNET VIA A RADIO TELECOMMUNICATIONS NETWORK
- SYSTEME ET PROCEDE DE FOURNITURE D'ACCES A L'INTERNET PAR L'INTERMEDIAIRE D'UN RESEAU DE TELECOMMUNICATIONS RADIOELECTRIQUES
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **BRUNNER, Robert**; 8048 Querbes Ave., Montreal, Quebec H3N 2C1 (CA).
- (74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Department, S-164 80 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04Q 7/00, G08B 5/22**
- (11) **WO 00/70887** (13) A1
- (21) PCT/US00/10907
- (22) **20 Apr/avr 2000 (20.04.2000)**
- (25) en (26) en
- (30) 09/312,871 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • COMMUNICATION SYSTEMS FOR CONTROLLING REGISTRATION OF SELECTIVE CALL DEVICES
- SYSTEMES DE COMMUNICATION REGLANT L'ENREGISTREMENT DE DISPOSITIFS D'APPEL SELECTIF
- (71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **AYERST, Douglas, I.**; 111 N.W. 111th Street, Delray, FL 33444 (US).
- (74) **NICHOLS, Daniel, K.**; Motorola, Inc., Legal Department, Mail Stop 96, 1500 Gateway Boulevard, Boynton Beach, FL 33426-8292 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04Q 7/08, H04M 11/00**
- (11) **WO 00/70889** (13) A1
- (21) PCT/US00/13020
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 09/311,905 **14 May/mai 1999 US (14.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • METHOD AND APPARATUS FOR REMOTE WIRELESS COMMUNICATION WITH A MEDICAL DEVICE
- TECHNIQUE ET DISPOSITIF PERMETTANT DE COMMUNIQUER SANS FIL A DISTANCE AVEC UN DISPOSITIF MEDICAL
- (71) **MEDTRONIC PHYSIO-CONTROL MANUFACTURING CORP.** [US/US]; 11811 Willows Road NE, Redmond, WA 98052 (US).
- (72) **SALTZSTEIN, William, E.**; 23436 NE 140th Street, Woodinville, WA 98072 (US). **SILVER, H., Ward**; 22916-107th Avenue SW, Vashon, WA 98070 (US).
- (74) **CULIC, Mary, L.**; Christensen O'Connor Johnson & Kindness PLLC, 1420 Fifth Avenue, Suite 2800, Seattle, WA 98101 (US).
- (81) CN IL IN JP RU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
- 
- (71) **ERICSSON RADIO SYSTEMS AB**; Common Patent Department, S-164 80 Stockholm (SE).
- (81) SERVICE PROVIDERS THAT ARE CALLED
- SYSTEMES ET PROCEDES D'IDENTIFICATION D'UN FOURNISSEUR DE SERVICES A PARTIR D'UN COMMUNICATEUR SANS FIL SE BASANT SUR DES CATEGORIES DE FOURNISSEURS DE SERVICES APPELES
- (71) **ERICSSON, INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).
- (72) **SINGH, Mona**; 205 Chiselhurst Way, Cary, NC 27413 (US).
- (74) **BIGEL, Mitchell, S.** et al. / etc.; Myers, Bigel, Sibley, & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04Q 7/00**
- (11) **WO 00/70888** (13) A2
- (21) PCT/US00/09669
- (22) **11 Apr/avr 2000 (11.04.2000)**
- (25) en (26) en
- (30) 09/313,298 **17 May/mai 1999 US (17.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SYSTEMS AND METHODS FOR IDENTIFYING A SERVICE PROVIDER FROM A WIRELESS COMMUNICATOR BASED ON CATEGORIES OF

(51)<sup>7</sup> H04Q 7/20, 7/30

(11) WO 00/70890 (13) A1

(21) PCT/FI00/00444

(22) 17 May/mai 2000 (17.05.2000)

(25) en (26) en

(30) 991118 17 May/mai 1999 FI  
(17.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • RESOURCE ALLOCATION METHOD  
• PROCEDE D'ATTRIBUTION DE RES-  
SOURCES(71) NOKIA NETWORKS OY [FI/FI]; P.O.  
Box 300, FIN-00045 Nokia Group (FI).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) MÄKINEN, Olli-Pekka [FI/FI]; Lum-  
metie 8 B 29, FIN-01300 Vantaa (FI).  
PELTOLA, Jukka [FI/FI]; Ruusunmarjatie  
14, FIN-90800 Oulu (FI). RISSANEN, Olli  
[FI/FI]; Hirsipadontie 5 K 128, FIN-00640  
Helsinki (FI). TUOMINEN, Hannu [FI/FI];  
Forsellesintie 1-3 C 2, FIN-02700 Kaunia-  
inen (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 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 NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG US UZ  
VN YU ZA ZW; AP (GH GM KE LS MW  
SD SL SZ TZ UG ZW); EA (AM AZ BY  
KG KZ MD RU TJ TM); EP (AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE); OA (BF BJ CF CG CI CM GA  
GN GW ML MR NE SN TD TG).(51)<sup>7</sup> H04Q 7/20

(11) WO 00/70891 (13) A1

(21) PCT/IL00/00274

(22) 14 May/mai 2000 (14.05.2000)

(25) en (26) en

(30) 129982 16 May/mai 1999 IL  
(16.05.1999)(30) 09/412,224 5 Oct/oct 1999 US  
(05.10.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • WIRELESS TELEPHONY OVER  
CABLE NETWORKS  
• TELEPHONIE SANS FIL SUR DES RE-  
SEAUX CABLES(71) ONEPATH NETWORKS LTD. [IL/IL];  
P.O. Box 45092, 91450 Jerusalem (IL).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) LOBODA, Howard [IL/IL]; Rozin  
Street 7/14, 96925 Jerusalem (IL).(74) COLB, Sanford, T. 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  
BY 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 NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG US UZ  
VN YU ZA ZW; AP (GH GM KE LS MW  
SD SL SZ TZ UG ZW); EA (AM AZ BY  
KG KZ MD RU TJ TM); EP (AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE); OA (BF BJ CF CG CI CM GA  
GN GW ML MR NE SN TD TG).(51)<sup>7</sup> H04Q 7/22

(11) WO 00/70892 (13) A1

(21) PCT/DE00/01557

(22) 18 May/mai 2000 (18.05.2000)

(25) de (26) de

(30) 199 22 667.9 18 May/mai 1999 DE  
(18.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND ARRANGEMENT FOR  
CONTROLLING FACILITIES AND/OR  
PROCESSES ADDITIONALLY USING  
MOBILE COMMUNICATION NET-  
WORKS  
• PROCEDE ET DISPOSITIF POUR  
COMMANDER DES INSTALLATIONS  
ET/OU DES PROCESSUS EN UTI-  
LISANT CONJOINTEMENT DES  
RESEAUX DE COMMUNICATION  
MOBILES(71) DETEMOBIL DEUTSCHE TELEKOM  
MOBILNET GMBH [DE/DE]; Landgra-  
benweg 151, D-53227 Bonn (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) BRUNE, Peter [DE/DE]; Noldes-  
trasse 56, D-53340 Meckenheim (DE).  
FEUSER, Ulrike [DE/DE]; Rheinal-  
lee 25, D-53173 Bonn (DE). LJUNG-  
STRÖM, Patrik [SE/DE]; Am Fronhof  
11, D-53639 Königswinter (DE). MI-  
CHEL, Uwe [DE/DE]; Lohmarstrasse 10,  
D-53604 Bad Honnef (DE). MOHRS,  
Walter [DE/DE]; Rosenhain 3, D-53123  
Bonn (DE). PTACEK, Wolfgang [DE/DE];  
Gerhard-Dahm-Strasse 5b, D-53604 Bad  
Honnef (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY 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  
NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG US UZ VN YU  
ZA ZW; AP (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 CH CY  
DE DK ES FI FR GB GR IE IT LU MC NL  
PT SE); OA (BF BJ CF CG CI CM GA  
GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H04Q 7/22

(11) WO 00/70893 (13) A1

(21) PCT/FI00/00422

(22) 11 May/mai 2000 (11.05.2000)

(25) en (26) en

(30) 991092 12 May/mai 1999 FI  
(12.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR IMPROVING THE  
QUALITY OF A TELECOMMUNICA-  
TION CONNECTION AND A NET-  
WORK ELEMENT  
• PROCEDE PERMETTANT  
D'AMELIORER LA QUALITE D'UNE  
CONNEXION DE TELECOMMUNICA-  
TION ET UN ELEMENT DE RESEAU(71) NOKIA NETWORKS OY [FI/FI]; P.O.  
Box 300, FIN-00045 Nokia Group (FI).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) HUUSKO, Sami [FI/FI]; Tornitaso 3 As  
33, FIN-02120 Espoo (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 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 NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG US UZ  
VN YU ZA ZW; AP (GH GM KE LS MW  
SD SL SZ TZ UG ZW); EA (AM AZ BY  
KG KZ MD RU TJ TM); EP (AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE); OA (BF BJ CF CG CI CM GA  
GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04Q 7/24

(11) WO 00/70894 (13) A1

(21) PCT/US00/04863

(22) 25 Feb/fév 2000 (25.02.2000)

(25) en (26) en

(30) 09/311,450 13 May/mai 1999 US  
(13.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD AND APPARATUS FOR  
PERFORMING DISTRIBUTION IN A  
COMMUNICATION SYSTEM  
• PROCEDE ET APPAREIL PERMET-  
TANT D'EFFECTUER UNE DISTRI-  
BUTION DANS UN SYSTEME DE  
COMMUNICATION(71) MOTOROLA INC. [US/US]; 1303 East  
Algonquin Road, Schaumburg, IL 60196  
(US).(72) NEUMILLER, Phillip, D.; 837 Blue Mesa  
Trail, Cary, IL 60013 (US). LEI, Peter; 955  
Hapfield Drive, Arlington Heights, IL 60004  
(US). STEWART, Randall, R.; 24 Burning  
Bush Trail, Crystal Lake, IL 60014 (US).(74) HAAS, KENNETH, A. et al. / etc.;  
Motorola Inc., Intellectual Property Dept.,  
1303 East Algonquin Road, Schaumburg, IL  
60196 (US).

(81) BR JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> **H04Q 7/30, H04M 1/725**

(11) **WO 00/70895** (13) A1

(21) PCT/DE00/01448

(22) **9 May/mai 2000 (09.05.2000)**

(25) de (26) de

(30) 199 22 764.0 **18 May/mai 1999 DE (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • RADIO BASE STATION FOR TRANSMITTING AND RECEIVING DATA WITH INTEGRATED RADIO MODULE AND LAN NETWORK ADAPTER

• STATION DE BASE RADIO POUR L'EMISSION ET LA RECEPTION DE DONNEES COMPORTANT UN MODULE RADIO ET UN ADAPTATEUR POUR RESEAU LOCAL INTEGRES

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

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

(72, 75) **HAUSER, Eberhard** [DE/DE]; Schönstrasse 67 B, D-81543 München (DE). **ROSSOW, Carsten** [DE/DE]; Jägerweg 19, D-82538 Geretsried (DE). **LÜDE, Thomas** [DE/DE]; Altmarktstrasse 3 A, D-12169 Berlin (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

(51)<sup>7</sup> **H04Q 7/32, H04L 12/56**

(11) **WO 00/70896** (13) A1

(21) PCT/DE00/01567

(22) **17 May/mai 2000 (17.05.2000)**

(25) de (26) de

(30) 199 22 738.1 **18 May/mai 1999 DE (18.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • RADIO SYSTEM FOR WIRELESS TRANSMISSION OF DATA TO A COMMUNICATION TRANSMISSION APPARATUS

• SYSTEME RADIO POUR LA TRANSMISSION SANS FIL DE DONNEES A UN TERMINAL DE COMMUNICATION

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).

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

(72, 75) **HAUSER, Eberhard** [DE/DE]; Schönstr. 67 B, D-81543 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, D-80506 München (DE).

(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> **H04Q 7/34, H04B 17/00**

(11) **WO 00/70897** (13) A1

(21) PCT/SE00/00914

(22) **9 May/mai 2000 (09.05.2000)**

(25) en (26) en

(30) 09/314,019 **19 May/mai 1999 US (19.05.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • EVENT-BASED REPORTING OF MOBILE STATION MEASUREMENTS

• ETABLISSEMENT DE RAPPORTS SUR DES MESURES DE STATIONS MOBILES FONDES SUR DES EVENEMENTS

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **MÜLLER, Walter**; Huginvägen 7, S-194 62 Upplands Väsby (SE). **BERGSTRÖM, Joakim**; Erik Dahlbergsgatan 29 B, S-115 32 Stockholm (SE). **BARK, Gunnar**; Trumslagaregatan 50, S-582 16 Linköping (SE).

(74) **NORIN, Klas**; Ericsson Radio Systems AB, Common Patent Dept., S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **H04Q 7/38**

(11) **WO 00/70898** (13) A1

(21) PCT/CH99/00205

(22) **14 May/mai 1999 (14.05.1999)**

(25) de (26) de

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • COMMUNICATION METHOD AND SUITABLE DEVICE FOR CHAT ROOMS

• PROCEDE DE COMMUNICATION ET DISPOSITIF APPROPRIE DESTINE A UN FORUM DE COMMUNICATION

(71) **SWISSCOM AG** [CH/CH]; Alte Tiefenaus-

trasse 6, CH-3050 Bern (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOHER, Urs** [CH/CH]; Unterdorfstrasse 11 A, CH-3072 Ostermundigen (CH). **WYSS, Daniel** [CH/CH]; Oberfeldstrasse 36 F, CH-3067 Boll (CH).

(74) **BOVARD AG**; Optingenstrasse 16, CH-3000 Bern 25 (CH).

(81) AE AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)<sup>7</sup> **H04Q 7/38**

(11) **WO 00/70899** (13) A1

(21) PCT/SE00/00692

(22) **11 Apr/avr 2000 (11.04.2000)**

(25) en (26) en

(30) 60/133,992 **13 May/mai 1999 US (13.05.1999)**

(30) 09/464,124 **16 Dec/déc 1999 US (16.12.1999)**

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • METHOD FOR CONDUCTING HANDOFF BACK COMMUNICATION SCENARIOS

• PROCEDE DE CONDUITE DE SCENARIOS DE RETROTRANSFERTS DANS DES EN TELECOMMUNICATIONS

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **DELGADO, Elsa**; Hacienda del Molin #311, Eraccionamiento La Hacienda, Coahuila, Ramos Arispe 25900 (MX). **LOPEZ, Cesar Garcia**; Australia #9, Col. Virreyes Residencial, Coahuila, Saltillo 22520 (MX).

(74) **NORIN, Klas**; Ericsson Radio Systems AB, Common Patent Department, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **H04Q 7/38, 7/22**  
 (11) **WO 00/70900** (13) A1  
 (21) PCT/SE00/00818  
 (22) **28 Apr/avr 2000 (28.04.2000)**  
 (25) en (26) en  
 (30) 09/312,551 **14 May/mai 1999 US (14.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **INTERSYSTEM MESSAGE INDICATOR SPECIFYING MIN OR IMSI USAGE**  
 • **INDICATEUR DE MESSAGE INTER-SYSTEME PRECISANT LES UTILISATIONS DU NUMERO D'IDENTIFICATION DE POSTE MOBILE OU D'IDENTIFICATION INTERNATIONALE DE POSTE MOBILE**
- (71) **TELEFONAKTIEBOLAGET L M ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **GAGNON, Michel**; 1443 Caldwell, Laval, Quebec H7W 1K3 (CA). **ABBAS, Uzma**; Apartment #3, 5218 Samson Boulevard, Laval, Quebec H7W 2J3 (CA). **HOUDE, Michel**; 1570 Filion, Ville St. Laurent, Quebec H4L 4E8 (CA).
- (74) **NORIN, Klas**; Ericsson Radio Systems AB, Common Patent Department, S-164 80 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H04Q 7/38**  
 (11) **WO 00/70901** (13) A1  
 (21) PCT/US00/12777  
 (22) **10 May/mai 2000 (10.05.2000)**  
 (25) en (26) en  
 (30) 09/312,563 **14 May/mai 1999 US (14.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **SELECTION OF MOBILE COMMUNICATION SERVICE PROVIDER IN A MULTIPLE COMMUNICATION MODE ENVIRONMENT**  
 • **SELECTION DE PRESTATAIRE DE SERVICES DE COMMUNICATION MOBILE DANS UN ENVIRONNEMENT DE MODE DE COMMUNICATION MULTIPLE**
- (71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).
- (72) **LING, Funyun**; 11382 Wills Creek Road, San Diego, CA 92131 (US). **HOLTZMAN, Jack**; 12970 Caminito Bautizo, San Diego, CA 92131 (US). **WHEATLEY, Charles, E., III**; 2208 Caminito del Barco, Del Mar, CA 92014 (US). **CHEN, Tao**; 8826 La Cartera Street, San Diego, CA 92129 (US). **TIE-DEMANN, Edward, G., Jr.**; 4350 Bromfield Avenue, San Diego, CA 92122 (US). **LEUNG, Gilbert**; 7285 Charmant Drive #212, San Diego, CA 92122 (US).
- (74) **WADSWORTH, Philip, R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H04Q 7/38, H04B 7/005**  
 (11) **WO 00/70902** (13) A1  
 (21) PCT/US00/12778  
 (22) **9 May/mai 2000 (09.05.2000)**  
 (25) en (26) en  
 (30) 09/312,262 **14 May/mai 1999 US (14.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **METHOD AND APPARATUS FOR EFFICIENT CANDIDATE FREQUENCY SEARCH WHILE INITIATING A HANDOFF IN A CODE DIVISION MULTIPLE ACCESS COMMUNICATION SYSTEM**  
 • **PROCEDE ET APPAREIL POUR LA RECHERCHE EFFICACE DE FREQUENCE CANDIDATE DURANT LE LANCEMENT D'UN TRANSFERT DANS UN SYSTEME DE COMMUNICATION A ACCES MULTIPLE PAR REPARTITION DE CODE**
- (71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).
- (72) **LING, Funyun**; 11382 Wills Creek Road, San Diego, CA 92131 (US). **HOLTZMAN, Jack**; 12970 Caminito Bautizo, San Diego, CA 92131 (US). **WHEATLEY, Charles, E., III**; 2208 Caminito del Barco, Del Mar, CA 92014 (US). **CHEN, Tao**; 8826 La Cartera Street, San Diego, CA 92129 (US). **TIE-DEMANN, Edward, G., Jr.**; 4350 Bromfield Avenue, San Diego, CA 92122 (US). **LEUNG, Gilbert**; 7285 Charmant Drive #212, San Diego, CA 92122 (US).
- (74) **WADSWORTH, Philip, R.** et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121-1714 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H04Q 7/38**  
 (11) **WO 00/70903** (13) A1  
 (21) PCT/US00/13924  
 (22) **19 May/mai 2000 (19.05.2000)**  
 (25) en (26) en  
 (30) 60/134,881 **19 May/mai 1999 US (19.05.1999)**  
 (30) 60/135,588 **24 May/mai 1999 US (24.05.1999)**  
 (30) 60/138,922 **11 Jun/juin 1999 US (11.06.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • **CHANNEL ASSIGNMENT IN A SPREAD SPECTRUM CDMA COMMUNICATION SYSTEM**  
 • **ATTRIBUTION DE CANAL DANS UN SYSTEME DE COMMUNICATION CDMA AVEC ETALEMENT DU SPECTRE**
- (71) **INTERDIGITAL TECHNOLOGY CORPORATION** [US/US]; Suite 527, 300 Delaware Avenue, Wilmington, DE 19801 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DICK, Stephen, G.** [US/US]; 61 Bobann Drive, Nesconset, NY 11767 (US). **ZEIRA, Eldad** [US/US]; 8 Old Oak Road, Trumbull, CT 06611 (US).
- (74) **VOLPE, Anthony, S.** et al. / etc.; Volpe and Koenig, P.C., One Penn Center, Suite 400, 1617 John F. Kennedy Boulevard, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> **H04Q 11/04**  
 (11) **WO 00/70904** (13) A1  
 (21) PCT/SE00/00850

- (22) **3 May/mai 2000 (03.05.2000)**  
(25) en (26) en
- (30) 9901607-3 **4 May/mai 1999 SE (04.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • SWITCH APPARATUS  
• COMMUTATEUR
- (71) **NET INSIGHT AB** [SE/SE]; P.O. Box 42093, S-126 14 Stockholm (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DANIELSON, Magnus** [SE/SE]; Kyrkvägen 3 A, S-182 74 Stocksund (SE). **ROOS, Joachim** [SE/SE]; Kristinedalsvägen 32 B, S-131 46 Nacka (SE).
- (74) **AWAPATENT AB**; P.O. Box 45086, S-104 30 Stockholm (SE).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04R**  
(11) **WO 00/70905** (13) A2  
(21) PCT/JP00/03083  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) en (26) en  
(30) 11/133813 **14 May/mai 1999 JP (14.05.1999)**  
(30) 11/347129 **7 Dec/déc 1999 JP (07.12.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ELECTROMAGNETIC TRANSDUCER AND PORTABLE COMMUNICATION DEVICE  
• TRANSDUCTEUR ELECTROMAGNETIQUE
- (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) **USUKI, Sawako** [JP/JP]; 3-6-3, Higashi-cho, Suma-ku, Kobe-shi, Hyogo 654-0152 (JP). **SAIKI, Shuji** [JP/JP]; 4-11-6, Tenmadainishi, Haibaracho, Uda-gun, Nara 633-0206 (JP).
- (74) **YAMAMOTO, Shusaku**; Crystal Tower, 15th floor, 2-27, Shiromi 1-chome, Chuo-ku, Osaka 540-6015 (JP).
- (81) CN ID KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H04R 1/02**  
(11) **WO 00/70906** (13) A1  
(21) PCT/SE00/00920  
(22) **10 May/mai 2000 (10.05.2000)**  
(25) en (26) en  
(30) 9901794-9 **18 May/mai 1999 SE (18.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LOUDSPEAKER ASSEMBLY  
• ENSEMBLE HAUT-PARLEUR
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **MÖSTER, Erik**; Amiralsgatan 27, S-211 55 Malmö (SE). **LARSSON, Paul**; S:T Pauli Kyrkogata 17, S-211 49 Malmö (SE). **OLSSON, Mats**; Södra Gulsparvsgatan 27B, S-215 61 Malmö (SE). **SIMONSSON, Olof**; Trollebergsvägen 18, S-222 29 Lund (SE). **LARSSON, Mats**; Sofielundsvägen 28A, S-214 25 Malmö (SE). **PORTELA, Rafael**; Rörsjögatan 15, S-211 37 Malmö (SE).
- (74) **HOFMAN-BANG A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04R 3/00**  
(11) **WO 00/70907** (13) A1  
(21) PCT/KR00/00263  
(22) **25 Mar/mar 2000 (25.03.2000)**  
(25) en (26) en  
(30) 1999/17459 **14 May/mai 1999 KR (14.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ELECTRONIC DEVICES USING EAR-PHONES AND WIRELESS EAR-PHONES
- APPAREILS ELECTRONIQUES UTILISANT DES ECOUTEURS ET DES ECOUTEURS SANS FIL
- (71, 72) **RHE, Jung, Hoon** [KR/KR]; 99-1, Nam Hyeon Dong San, Gwanak-Gu, Seoul 151-080 (KR).
- (81) AE AL AM AU AZ BA BB BG BR BY CA CN CR CU CZ DM EE GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04R 7/00**  
(11) **WO 00/70908** (13) A2  
(21) PCT/GB00/01666  
(22) **11 May/mai 2000 (11.05.2000)**  
(25) en (26) en  
(30) 9911156.9 **14 May/mai 1999 GB (14.05.1999)**  
(43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LOUDSPEAKERS  
• ENCEINTES ACOUSTIQUES
- (71) **NEW TRANSDUCERS LIMITED** [GB/GB]; 37 Ixworth Place, London SW3 3QH (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BANK, Graham** [GB/GB]; 8 Fynn Road, Martlesham, Woodbridge, Suffolk IP12 4LS (GB). **FORDHAM, Julian** [GB/GB]; 26 Orchard Way, Offord D'Arcy, Huntingdon, Cambridgeshire PE18 9RE (GB).
- (74) **MAGUIRE BOSS**; 5 Crown Street, St. Ives, Cambridgeshire PE27 5EB (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04R 7/06**  
(11) **WO 00/70909** (13) A2  
(21) PCT/GB00/01751  
(22) **12 May/mai 2000 (12.05.2000)**  
(25) en (26) en  
(30) 9911271.6 **15 May/mai 1999 GB (15.05.1999)**

- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● ACOUSTIC DEVICE  
● DISPOSITIF ACOUSTIQUE
- (71) **NEW TRANSDUCERS LIMITED** [GB/GB]; 37 Ixworth Place, London SW3 3QH (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **AZIMA, Henry** [CA/GB]; 3 Southacre Close, Chaucer Road, Cambridge CB2 2TT (GB). **HARRIS, Neil** [GB/GB]; 2 Station Road, Whittlesford, Cambridge CB2 4NL (GB). **DJAHANSOUZI, Bijan** [GB/GB]; 101 Pier House, Cheyne Walk, London SW3 5HN (GB).
- (74) **MAGUIRE BOSS**; 5 Crown Street, St. Ives, Cambridgeshire PE27 5EB (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04R 9/06**
- (11) **WO 00/70910** (13) A2
- (21) PCT/GB00/01665
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 9911158.5 **14 May/mai 1999 GB (14.05.1999)**
- (30) 9911356.5 **18 May/mai 1999 GB (18.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● LOUDSPEAKERS  
● ENCEINTES ACOUSTIQUES
- (71) **NEW TRANSDUCERS LIMITED** [GB/GB]; 37 Ixworth Place, London SW3 3QH (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BREAM, Charles** [GB/GB]; The Gate House, Sainsfoins, Whittlesford Road, Little Shelford, Cambridgeshire CB2 5EU (GB).
- (74) **MAGUIRE BOSS**; 5 Crown Street, St. Ives, Cambridgeshire PE27 5EB (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04R 29/00**
- (11) **WO 00/70912** (13) A1
- (21) PCT/US00/10853
- (22) **24 Apr/avr 2000 (24.04.2000)**
- (25) en (26) en
- (30) 09/310,788 **12 May/mai 1999 US (12.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (51)<sup>7</sup> **H04R 25/00**
- (11) **WO 00/70911** (13) A1
- (21) PCT/US00/13276
- (22) **15 May/mai 2000 (15.05.2000)**
- (25) en (26) en
- (30) 09/311,156 **13 May/mai 1999 US (13.05.1999)**
- (30) 60/203,983 **12 May/mai 2000 US (12.05.2000)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● METHOD OF MANUFACTURING A SOFT HEARING AID  
● PROCEDE DE FABRICATION D'UNE PROTHESE AUDITIVE
- (71) **SOFTEAR TECHNOLOGIES, L.L.C.** [US/US]; 175 Brookhollow Esplanade, Harahan, LA 70123 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **JUNEAU, Roger, P.** [US/US]; 134 Villere Drive, Destrehan, LA 70047 (US). **CREEL, Lynn, P.** [US/US]; 4449 Rue De La Harbor, Kenner, LA 70065 (US). **DESPORTE, Edward, J.** [US/US]; 1008 West 23rd Ave., Covington, LA 70433 (US). **MAJOR, Michael** [US/US]; 1656 Newport Pl., Apt. C, Kenner, LA 70065 (US). **SIEGLE, Gregory, R.** [US/US]; 4202 Platt, Kenner, LA 70065 (US). **KINLER, Kelly, M.** [US/US]; 171 Lakewood Drive, Luling, LA 70070 (US).
- (74) **NEHRBASS, Seth, M.** et al. / etc.; Garvey, Smith, Nehrass & Doody, L.L.C., 3 Lakeway Center, Suite 3290, 3838 North Causeway Boulevard, Metairie, LA 70002 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04S**
- (11) **WO 00/70913** (13) A2
- (21) PCT/US00/13049
- (22) **12 May/mai 2000 (12.05.2000)**
- (25) en (26) en
- (30) 60/134,005 **13 May/mai 1999 US (13.05.1999)**
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) ● CENTRALIZING OF A SPATIALLY EXPANDED STEREOPHONIC AUDIO IMAGE  
● CENTRAGE D'UNE IMAGE DE SONS STEREOPHONIQUES DILATEE SPATIALEMENT
- (71) **THOMSON LICENSING S.A.** [FR/FR]; 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MORRIS, Robert, Edward, Jr.** [US/US]; 7911 Hilltop Lane, Indianapolis, IN 46256 (US).
- (74) **TRIPOLI, Joseph, S.** et al. / etc.; Thomson multimedia Licensing Inc., P.O. Box 5312, 2 Independence Way, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> H05B

(11) WO 00/70914 (13) A2

(21) PCT/US00/08997

(22) 5 Apr/avr 2000 (05.04.2000)

(25) en (26) en

(30) 09/313,456 17 May/mai 1999 US (17.05.1999)

(30) 09/518,058 2 Mar/mar 2000 US (02.03.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • SHIELDED MAGNETIC REED SWITCH  
• INTERRUPTEUR A LAMES SOUPLES MAGNETIQUE BLINDE

(71) HERMETIC SWITCH, INC. [US/US]; 3100 Highway 92 South, Chickasha, OK 73018 (US).

(72) POSEY, David, Tyler; 200 St. James Place, Chickasha, OK 73018 (US). MORGAN, Raymond, Lee; 608 Rivermont Court, Norman, OK 73072 (US).

(74) ROBINSON, James, T.; 222 East Main Street, Norman, OK 73069-1303 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>6</sup> H05B 1/02

(11) WO 00/70915 (13) A1

(21) PCT/IL99/00263

(22) 18 May/mai 1999 (18.05.1999)

(25) en (26) en

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ELECTRICAL HEATING ELEMENTS AND METHOD FOR PRODUCING SAME  
• ELEMENTS ELECTRIQUES CHAUFFANTS ET PROCEDE DE PRODUCTION DE CES DERNIERS

(71) ADVANCED HEATING TECHNOLOGIES LTD. [IL/IL]; P.O.Box 2903, Beit Yaakoby, 40500 Even Yehuda (IL).  
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(72, 75) BROOK-LEVINSON, Edward [IL/IL]; P.O. Box 2903, Beit Yaakoby, 40500 Even Yehuda (IL). MANOV, Vladimir [IL/IL]; P.O. Box 2903, Beit Yaakoby, 40500 Even Yehuda (IL). MARGOLIN, Josef [IL/IL]; P.O. Box 2903, Beit Yaakoby, 40500 Even Yehuda (IL). ADAR, Eliezer [IL/IL]; P.O. Box 2903, Beit Yaakoby, 40500 Even Yehuda (IL). SORKINE, Yevgeny [IL/IL]; P.O. Box 2903, Beit Yaakoby, 40500 Even Yehuda (IL). VOLCHKOV, Vadim [RU/RU]; P.O. Box 2903, Beit Yaakoby, 40500 Even Yehuda (IL).

(74) ZUTA, Mark; Ben Yehuda Street 19, 49373 Petah Tikva (IL).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> H05B 1/02

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(21) PCT/US00/13164

(22) 12 May/mai 2000 (12.05.2000)

(25) en (26) en

(30) 60/134,111 14 May/mai 1999 US (14.05.1999)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ELECTRICAL HEATING DEVICES AND RESETTABLE FUSES  
• DISPOSITIFS CHAUFFANTS ELECTRIQUES ET FUSIBLES REENCLENCABLES

(71) ASUK TECHNOLOGIES, LLC [US/US]; 703 Castro Street #5, San Leandro, CA 94577-3542 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SOPORY, Umesh [US/US]; 38735 Adcock Drive, Fremont, CA 94536 (US).

(74) GUERNSEY, Larry, B.; Hickman Stephens Coleman & Hughes LLP, P.O. Box 52037, Palo Alto, CA 94303 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/134,299 14 May/mai 1999 US (14.05.1999)

(30) 09/540,288 31 Mar/mar 2000 US (31.03.2000)

(43) 23 Nov/nov 2000 (23.11.2000)

(54) • ELECTROLUMINESCENT LAMINATE WITH PATTERNED PHOSPHOR STRUCTURE AND THICK FILM DIELECTRIC WITH IMPROVED DIELECTRIC PROPERTIES

• PLAQUE ELECTROLUMINESCENTE MODELEE A STRUCTURE DE LUMINOPIHORES ET PELLICULE DIELECTRIQUE EPAISSE A PROPRIETES DIELECTRIQUES AMELIOREES

(71) IFIRE TECHNOLOGY INC. [CA/CA]; 10102-114 Street, Fort Saskatchewan, Alberta T8L 3W4 (CA).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WU, Xingwei [CA/CA]; 59 Mount McKinley Lane, Brampton, Ontario L6R 2C2 (CA). SEALE, Daniel, Joseph [CA/CA]; 489 Beresford Avenue, Toronto, Ontario M6S 3B8 (CA). LIU, Guo [CA/CA]; 25 Arthurs Crescent, Brampton, Ontario L6Y 4Y2 (CA). CARKNER, Donald, Edward [CA/CA]; 781 King Street West, Unit #405, Toronto, Ontario M5V 3L5 (CA). DOXSEE, Daniel [CA/US]; 8512 Greenbrier Court, Sagamore Hills, OH 44067-1885 (US). KUPSKY, George, A. [US/CA]; 302-52249 Range Road 222, Sherwood Park, Alberta T8C 1J2 (CA). WESTCOTT, Michael, Roger [CA/CA]; 1314 Avon Crescent, Oakville, Ontario L6J 2T7 (CA). LOVELL, David, Robin [CA/CA]; 13 Allanbrooke Drive, Toronto, Ontario M9A 3N7 (CA).

(74) MCKAY-CAREY, Mary, Jane; McKay-Carey & Company, 2125 Commerce Place, 10155-102nd Street, Edmonton, Alberta T5J 4G8 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> H05B 41/24

(11) WO 00/70918 (13) A1

(21) PCT/JP00/03012

(22) 11 May/mai 2000 (11.05.2000)



- (25) ja (26) ja
- (30) 11/134010 **14 May/mai 1999** JP  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • LIGHT SOURCE  
• SOURCE LUMINEUSE
- (71) **USHIO DENKI KABUSHIKI KAISYA** [JP/JP]; Asahitokai Building, 19th Floor, 6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).  
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- (72, 75) **OKAMOTO, Masashi** [JP/JP]; 1-71, Hitomarucho, Akashi-shi, Hyogo 673-0877 (JP). **ASAHINA, Takashi** [JP/JP]; 389, Kitahamachonishihama, Takasago-shi, Hyogo 671-0123 (JP).
- (74) **ISOHATA, Masao**; Ushiodenki Kabushiki Kaisya, Asahitokai Building, 19th Floor, 6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
- (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> H05B 41/28, H02M 1/00

- (11) **WO 00/70919** (13) A1
- (21) PCT/EP00/03803
- (22) **27 Apr/avr 2000 (27.04.2000)**
- (25) en (26) en
- (30) 99201514.9 **14 May/mai 1999** EP  
(14.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • CIRCUIT ARRANGEMENT  
• MONTAGE DE CIRCUITS
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **BLOM, Anton, C.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **BOSMA, Rudolphus, H., A.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> H05B 41/282, H02M 1/12

- (11) **WO 00/70920** (13) A1
- (21) PCT/IE00/00067
- (22) **17 May/mai 2000 (17.05.2000)**
- (25) en (26) en
- (30) S990396 **17 May/mai 1999** IE  
(17.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • AN ELECTRONIC BALLAST CIRCUIT  
• CIRCUIT DE BALLAST ELECTRONIQUE

- (71) **NOONTEK LIMITED** [IE/IE]; Industrial Estate, Belmullet, County Mayo (IE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NOONE, Sean** [IE/IE]; Corclough West, Belmullet, County Mayo (IE). **DURKAN, Thomas** [IE/IE]; Garhownagh, Balla, County Mayo (IE). **QUINLAN, Michael** [IE/IE]; BMS Technology Centre, Ballysimon Road, County Limerick (IE). **MCCARTHY, Paul** [IE/IE]; Ballykevin, Ballingarry, County Limerick (IE).
- (74) **O'CONNOR, Donal, H.** et al. / etc.; Cruickshank & Co., 1 Holles Street, Dublin 2 (IE).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)<sup>7</sup> H05B 41/298

- (11) **WO 00/70921** (13) A1
- (21) PCT/DE00/01226
- (22) **19 Apr/avr 2000 (19.04.2000)**
- (25) de (26) de
- (30) 199 22 039.5 **12 May/mai 1999** DE  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • BALLAST FOR AT LEAST ONE GAS DISCHARGE LAMP AND METHOD FOR OPERATING SUCH A BALLAST  
• BALLAST POUR AU MOINS UNE LAMPE A DECHARGE, ET PROCEDE POUR FAIRE FONCTIONNER UNE TEL BALLAST
- (71) **PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH** [DE/DE]; Hellabrunner Strasse 1, D-81543 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **RAISER, Franz** [DE/DE]; Willibaldstrasse 53, D-80689 München (DE).

- (74) **PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH**; Postfach 22 16 34, D-80506 München (DE).

- (81) CA CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(51)<sup>7</sup> H05K

- (11) **WO 00/70922** (13) A2
- (21) PCT/DE00/01463

- (22) **10 May/mai 2000 (10.05.2000)**
- (25) de (26) de
- (30) 199 21 928.1 **12 May/mai 1999** DE  
(12.05.1999)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • ELECTRICAL DEVICE  
• APPAREIL ELECTRIQUE
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAUPT, Martin** [DE/GB]; Millfield Drive 33, Cowbridge CF7 17BR (GB). **MAYER, Frank** [DE/DE]; Haendel-Strasse 10, D-71640 Ludwigsburg (DE). **SCHWEINBENZ, Jochen** [DE/DE]; Hohewartstrasse 65, D-70469 Stuttgart (DE). **SCHIEFER, Peter** [DE/DE]; Eulenweg 8, D-74199 Untergruppenbach (DE). **SCHINZEL, Ralf** [DE/DE]; Gothaweg 9, D-71672 Marbach am Neckar (DE).
- (81) BR CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)<sup>7</sup> H05K

- (11) **WO 00/70923** (13) A2
- (21) PCT/US00/12709
- (22) **10 May/mai 2000 (10.05.2000)**
- (25) en (26) en
- (30) 60/133,882 **12 May/mai 1999** US  
(12.05.1999)
- (30) 09/557,419 **21 Apr/avr 2000** US  
(21.04.2000)
- (43) 23 Nov/nov 2000 (23.11.2000)
- (54) • FIELD-CONFIGURABLE SIDECAR AND TOPCAR MODULES  
• MODULES LATERAUX ET SUPERIEURS CONFIGURABLES EN CLIENTELE
- (71) **MERIT INDUSTRIES INC.** [US/US]; 2525 State Road, Bensalem, PA 19020 (US).
- (72) **VIGNA, John, A.**; 145 Brittany, Blue Bell, PA 19422 (US). **HOURIET, John, W.**; 412 Sweetbriar Court, Yardley, PA 19067 (US). **BARANOWSKI, Marek**; 8 Misty Glen Drive, Shamong, NJ 08088 (US).
- (74) **GARCIA-ZAMOR, Ruy** et al. / etc.; Akin, Gump, Strauss, Hauer & Feld, L.L.P., 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 BY 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **H05K 3/10, H01L 21/768**  
 (11) **WO 00/70924** (13) A1  
 (21) PCT/US00/11065  
 (22) **18 Apr/avr 2000 (18.04.2000)**  
 (25) en (26) en  
 (30) 09/315,091 **19 May/mai 1999 US (19.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • INTEGRATED CIRCUITS WITH COPPER METALLIZATION FOR INTERCONNECTIONS  
 • CIRCUITS INTEGRES A METALLISATION EN CUIVRE POUR INTERCONNECTIONS
- (71) **INFINEON TECHNOLOGIES NORTH AMERICA CORP.** [US/US]; 1730 North First Street, San Jose, CA 95112-6000 (US).
- (72) **HOINKIS, Mark, D.;** 37 Spruce Ridge Drive, Fishkill, NY 12524 (US).
- (74) **BRADEN, Stanton C.** et al. / etc.; Siemens Corporation, Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).
- (81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>6</sup> **H05K 3/46**  
 (11) **WO 00/70925** (13) A1  
 (21) PCT/JP99/02488  
 (22) **13 May/mai 1999 (13.05.1999)**  
 (25) ja (26) ja  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • MULTILAYER PRINTED-CIRCUIT BOARD AND METHOD OF MANUFACTURE  
 • CARTE A CIRCUIT IMPRIME MULTICOUCHE ET PROCEDE DE FABRICATION CORRESPONDANT
- (71) **IBIDEN CO., LTD.** [JP/JP]; 1, Kanda-cho 2-chome, Ogaki-shi, Gifu 503-0917 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ASAI, Motoo** [JP/JP]; Ividen Co., Ltd., 1-1, Kitakata, Ibigawa-cho, Ibi-gun, Gifu 501-0601 (JP). **NODA, Kouta** [JP/JP]; Ividen Co., Ltd., 1-1, Kitakata, Ibigawa-cho, Ibi-gun, Gifu 501-0601 (JP). **KARIYA, Takashi** [JP/JP]; c/o Ividen Co., Ltd, 1-1, Kitakata, Ibigawa-cho, Ibi-gun, Gifu 501-0601 (JP).
- (74) **OGAWA, Junzo** et al. / etc.; Kobikikan Ginza Building, 8-9, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).
- (81) CN KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>6</sup> **H05K 7/02, H01F 27/30, 27/28**  
 (11) **WO 00/70926** (13) A1  
 (21) PCT/US00/13057  
 (22) **12 May/mai 2000 (12.05.2000)**  
 (25) en (26) en  
 (30) 09/312,587 **14 May/mai 1999 US (14.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • PLANAR MAGNETIC ELEMENTS AND ASSEMBLIES OF SUCH ELEMENTS  
 • ELEMENTS MAGNETIQUES PLATS ET ASSEMBLAGES DE COMPOSES DE TELS ELEMENTS
- (71) **NIDEC AMERICA CORPORATION** [US/US]; 152 Will Drive, Canton, MA 02021 (US).
- (72) **GODEK, Paul, W.;** 53 Cairn Road, Brockton, MA 02402 (US). **SOTO, Louis, A.;** 1469 Warwick Avenue, Warwick, RI 02888 (US).
- (74) **GIARRATANA, Marc** et al. / etc.; Cummings & Lockwood, P.O. Box 1960, 700 State Street, New Haven, CT 06509-1960 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (51)<sup>7</sup> **H05K 13/00**  
 (11) **WO 00/70927** (13) A1  
 (21) PCT/NL00/00336  
 (22) **17 May/mai 2000 (17.05.2000)**  
 (25) nl (26) en  
 (30) 1012105 **19 May/mai 1999 NL (19.05.1999)**  
 (43) 23 Nov/nov 2000 (23.11.2000)  
 (54) • DEVICE AND METHOD FOR BENDING THE LEADS OF ELECTRONIC COMPONENTS  
 • DISPOSITIF ET PROCEDE PERMETTANT DE COURBER LES FILS D'ELEMENTS ELECTRONIQUES
- (71) **FICO B.V.** [NL/NL]; Ratio 6, NL-6921 RW Duiven (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **VAN DALEN, Adrianus, Wilhelmus** [NL/NL]; Zwanenveld 25-09, NL-6538 NG Nijmegen (NL).
- (74) **VAN DEN HEUVEL, Henricus, Theodorus;** Octrooibureau LIOC, P.O. Box 1514, NL-5200 BN 's-Hertogenbosch (NL).
- (81) JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).