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**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

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Canada

CIPO  OPIC

THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

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La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Hull, Canada, à qui doit être adressée toute correspondance autre que les abonnements ou les commandes d'exemplaires séparés.

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In order to prevent disruption of service to those clients who still require printed copies, CIPO will, on request, print copies for distribution to current subscribers, free of charge until further notice, after which copies will be available for a fee.

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Avis important aux abonnés

Veillez noter qu'à compter du numéro daté du 2 novembre 1999, Travaux publics et Services gouvernementaux Canada (TPSGC) a cessé de gérer les abonnements à la *Gazette du Bureau des brevets* (GBB). TPSGC remboursera les abonnés ou leur offrira un crédit pour les numéros non reçus.

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Dans le but d'éviter toute interruption de service aux clients qui désirent obtenir des exemplaires sur support papier, l'OPIC imprimera, sur demande, un certain nombre de copies. Ce service sera disponible gratuitement jusqu'à nouvel ordre, après quoi des frais s'appliqueront.

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Courriel : cipo.contact@ic.gc.ca

Téléphone : (819) 997-1936 (de 8h à 16h45 HNE)

Télécopieur : (819) 953-7620 (fonctionne 24 heures sur 24)

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application

- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux en-têtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux en-têtes des brevets sont des codes INID. Le sigle "INID" signifie "Identification numérique internationale des données bibliographiques". Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit:

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée

- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris

- [41] - Date de mise à la disposition publique
- [45] - Date de délivrance
- [48] - Date de redélivrance
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

Avis

2. Country Code

A complete list of country codes has been published in the issue of November 12, 2002 and will be published twice a year in the last issues of April and October

3. Canadian Class Titles

A numerical index of the Canadian classification titles will be published in the first issue of January each year.

Anyone desirous of ascertaining what classes are directed to subject matter in which he/she has a particular interest may write to the Patent Office for such information. Related subject matter sometimes appears in different classes and could be missed by those not fully familiar with the classification system. It is also possible to obtain on request an alphabetical listing of subject matter titles for the various classes by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9.

4. Class Schedules and Definitions

A schedule (list of subclasses in a class) for any class listed on these pages may be purchased by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. Definitions of the type of subject matter found in any class or subclass may be purchased for most of the classes. The cost of these individual schedules and definitions is 50¢ per page reproduced by the Patent Office.

5. How to Purchase Paper Copies of Canadian Patents and Canadian Laid-Open Applications

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by visiting our web site at www.strategis.ic.gc.ca/patentsorder or by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

Paper copies of all other Canadian Patents and Canadian Laid-Open Applications may be purchased at the cost of \$.50 per page by visiting www.strategis.ic.gc.ca/patentsorder or by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 12 novembre 2002 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

3. Liste des classes canadiennes

Un index numérique des titres de la classification canadienne sera publié dans le premier numéro de janvier, à chaque année.

Toute personne désirant savoir dans quelles classes sont classifiés les sujets auxquels il/elle porte un intérêt particulier peut se renseigner en écrivant au Bureau des brevets. Des sujets connexes peuvent parfois figurer dans des classes différentes et une personne qui ne serait pas complètement familière avec le système de classification pourrait omettre les classes. On peut également obtenir une liste alphabétique des titres des objets classifiés dans les différentes classes en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9.

4. Listes et définitions des classes

Il est possible d'acheter les listes des sous-classes pour chacune des classes énumérées dans ces pages en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. Des définitions selon les sujets se trouvant dans chaque classe ou sous-classe peuvent aussi être achetées pour la plupart des classes. Les prix de ces listes et définitions individuelles est de 0,50 \$ par page reproduite par le Bureau des brevets.

5. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en visitant notre site web à l'adresse suivante www.strategis.ic.gc.ca/brevetscommande ou en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

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Notices

6. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of .50\$ per page from the Patent Office.

7. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on request from the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied on request.

8. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Hull, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the Patent Act. Applications for a compulsory licence are made to the Commissioner of Patents.

9. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the Patent Office Record indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 10 of these notices.

6. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 0,50 \$ la page.

7. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

8. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la Loi sur les brevets. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

9. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la Gazette du Bureau des brevets, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 10 des présents avis.

Avis

10. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing

2,069,399

11. Laid-Open Applications

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the Patent Act). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the Patent Rules. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

12. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence.

2,069,399

11. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposées au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la Loi sur les brevets). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des Règles sur les brevets. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

12. Langue du document publié

Toute personne intéressée d'obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

Notices

13. Patent Cooperation Treaty (PCT)

SCHEDULE OF FEES APPLICABLE AS OF APRIL 15, 2003

| | |
|--|--------|
| 1. Transmittal Fee: (Rule 14) | 200.00 |
| 2*. Basic Fee: | 730.00 |
| Amount for each additional sheet over 30 | 17.00 |
| 3. Designation Fee: (Rule 15.2(a)) | 157.00 |
| The maximum that can be charged for the Designation Fee is \$785.00; therefore, if more than 5 countries are designated the fee remains \$785.00 | |

| | |
|---|----------|
| 4. International Search Fee | 1,440.00 |
| The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada. | |

If the fees are not paid within one month from the International Filing Date, the Receiving Office shall invite the Applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the Receiving Office.

| | |
|----------------------------|---|
| 5. Late Payment Fee | 50% of the fees that are due, or, Minimum: Transmittal Fee Maximum: Basic Fee |
|----------------------------|---|

Preliminary Examination

| | |
|---|--------------------|
| 6. Handling Fee: (Rule 57.2(a)) | 159 Euro Dollars |
| 7. Preliminary Examination Fee: (Rule 58) | 1,530 Euro Dollars |

The Preliminary Examination Fees are payable in Euro Dollars and should be paid directly to the European Patent Office in Munich. Please note that the European Patent Office will NOT consider the fees as being received until they reach Europe. It is preferable to fax both the demand and a copy of the bank draft to the EPO at 011-4989-2399-4465.

* International fees will be reduced by \$224.00 for all applications filed using PCT-Easy.

13. Traité de coopération en matière de brevets (PCT)

BARÈME DE TAXES À PARTIR DU 15 AVRIL 2003

| | |
|---|--------|
| 1. Taxe de transmission: (Règle 14) | 200,00 |
| 2*. Taxe de base: | 730,00 |
| Montant pour chaque feuille au delà de 30 | 17,00 |
| 3. Taxe de désignation (Règle 15.2(a)) | 157,00 |
| Le maximum payable pour la taxe de désignation est de 785,00 \$; donc, si plus que 5 pays sont désignés, la taxe demeure 785,00 \$. | |

| | |
|--|----------|
| 4. Taxe de recherche internationale | 1 440,00 |
| Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadiens et sont payables au Receveur Générale du Canada. | |

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à le payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2.

| | |
|-------------------------------------|--|
| 5. Taxe pour paiement tardif | 50% du montant impayé, ou, Minimum: taxe de transmission Maximum: taxe de base |
|-------------------------------------|--|

Examen préliminaire

| | |
|---|--------------------|
| 6. Taxe de traitement: (Règle 57.2(a)) | 159 dollars euro |
| 7. Taxe d'examen préliminaire: (Règle 58) | 1 530 dollars euro |

Les taxes d'examen préliminaire sont payables en Euros et doivent être payées à l'Office européen des brevets à Munich. Veuillez noter que l'Office européen des brevets NE considérera PAS les honoraires comme étant reçus jusqu'à ce qu'ils atteignent l'Europe. Il est préférable d'envoyer la demande et une copie par télécopieur de la traite bancaire au 011-4889-2399-4465.

*Les frais seront réduits par 224,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

14. PCT notices

PCT Signature Requirements

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten). (See PCT -Applicant's Guide, <http://www.wipo.int>).

Patent Cooperation Treaty (PCT)

Copies of the Patent Cooperation Treaty Applicants Guide and the Patent Cooperation Treaty & Regulations are available from WIPO at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively. Those wishing for further information including prices for both previous and current subscriptions should contact WIPO -World Intellectual Property Organization at Information Products Section, Post Office Box 18, 1211 Geneva 20, Switzerland, Telephone (011 41 22) 338-9618, Facsimile (011 41 22) 740-1812 or by E-Mail at publications.mail@wipo.int or visit their website at <http://www.wipo.int>.

15. Erratum

Reference to the laid open of the following application in the Canadian Patent Office Record of February 18, 2003 was in error. No application was laid open under this number.

2,406,519

16. Canadian Laid-Open Applications

The Patent Office Record of April 8, 2003 contains laid-open applications from March 16, 2003 - March 22, 2003.

14. Avis PCT

Exigences des signatures du PCT

Veillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire. (Voir le Guide du déposant - PCT, <http://www.wipo.int>).

Traité de Coopération en matière de brevets (PCT)

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI au coût de 200 francs suisses et 18 francs suisses, respectivement. Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à l'OMPI - Organisation mondiale de la propriété intellectuelle à la Section des produits d'information, Boîte postale 18, 1211 Genève 20, Suisse, Téléphone (011 41 22) 338-9618, Télécopieur (011 41 22) 740-1812 ou par courriel à publications.mail@wipo.int ou visiter leur site web à <http://www.wipo.int>.

15. Erratum

Les renseignements fournis sous le numéro de la demande suivante dans la Gazette du bureau des brevets du 18 février 2003 étaient erronés. Aucune demande n'a été ouverte au public sous ce numéro.

2,406,519

16. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 16 mars 2003 - 22 mars 2003

Canadian Patents Issued

April 8, 2003

Brevets canadiens délivrés

8 avril 2003

[11] **2,001,903**

[13] C

[51] Int.Cl. 6C07D 253/10 5C07D 403/02
5A61K 31/53

[25] EN

[54] 1,2,4-BENZOTRIAZINE OXIDES AS
RADIOSENSITIZERS AND SELECTIVE
CYTOTOXIC AGENTS

[54] OXYDES DE 1,2,4-

BENZOTRIAZINE UTILISES COMME
RADIOSENSIBILISANTS ET AGENTS
CYTOTOXIQUES SELECTIFS

[72] LEE, WILLIAM W., US

[72] BROWN, MARTIN J., US

[72] GRANGE, EDWARD W., US

[72] MARTINEZ, ABELARDO P., US

[72] TRACY, MICHAEL, US

[72] POLLART, DANIEL J., US

[73] SRI INTERNATIONAL, US

[22] 1989-10-31

[11] **2,008,368**

[13] C

[51] Int.Cl. 5C12P 21/08 5C12N 5/10

6C07K 16/28 5C12N 15/41 6C07K 14/705

[25] EN

[54] SOLUBLE MOLECULE RELATED
TO BUT DISTINCT FROM ICAM-1

[54] MOLECULE SOLUBLE

APPARENTEE A L'ICAM-I MAIS
DISTINCTE

[72] MCCLELLAND, ALAN, US

[72] GREVE, JEFFREY, US

[73] MOLECULAR THERAPEUTICS,
INC., US

[22] 1990-01-25

[30] US (301,192) 1989-01-24

[30] US (445,951) 1989-12-13

[30] US (449,356) 1989-12-21

[11] **2,021,587**

[13] C

[51] Int.Cl. 5G01N 33/545 5G01N 35/00
5G01N 1/10

[25] EN

[54] AUTOMATED METHOD AND
DEVICE FOR PERFORMING SOLID-
PHASE DIAGNOSTIC ASSAY

[54] METHODE ET DISPOSITIF

AUTOMATISES D'ANALYSE
DIAGNOSTIQUE EN PHASE SOLIDE

[72] KHALIL, OMAR S., US

[72] HANNA, CHARLES F., US

[72] HUFF, DENISE G., US

[72] ZUREK, THOMAS F., US

[73] ABBOTT LABORATORIES, US

[22] 1990-07-19

[30] US (425,651) 1989-10-23

[11] **2,006,332**

[13] C

[51] Int.Cl. 5C12N 15/12 5A61K 49/02

5C07H 21/04 6C07K 14/47 5G01N 33/53

5C12Q 1/68

[25] EN

[54] METHOD OF DETECTING
NEUROLOGICAL DISEASE OR
DYSFUNCTION

[54] METHODE DE DEPISTAGE DES
AFFECTIONS OU DES TROUBLES
NEUROLOGIQUES

[72] DE LA MONTE, SUZANNE, US

[72] WANDS, JACK R., US

[72] GROSS, JEROME, US

[72] OZTURK, MEHMET, US

[73] THE GENERAL HOSPITAL

CORPORATION, US

[22] 1989-12-21

[30] US (287,207) 1988-12-21

[30] US (451,975) 1989-12-20

[11] **2,009,143**

[13] C

[51] Int.Cl. 5C22B 3/42 5C23F 1/08 5C22B
19/20 5C23F 1/36

[25] EN

[54] METHOD OF PROCESSING
ACIDIC FE-CONTAINING SOLUTIONS

[54] METHODE POUR LE
TRAITEMENT DE SOLUTION ACIDES
RENFERMANT DU FER

[72] PRIOR, ADALBERT, AT

[72] RITTER, FRANZ, DE

[73] PRIOR ENGINEERING AG, CH

[22] 1990-02-01

[30] AT (A 231/89) 1989-02-06

[11] **2,023,810**

[13] C

[51] Int.Cl. 6A61K 38/00 5A61K 33/30

[25] FR

[54] COMPOSITIONS
PHARMACEUTIQUES DE TYPE
"PATES A L'EAU"

[54] PHARMACEUTICAL
COMPOSITION

[72] ENJOLRAS, ODILE, FR

[72] NOEL, HUGUES, FR

[73] THE BOOTS COMPANY PLC, GB

[22] 1990-08-22

[30] FR (89 11 172) 1989-08-23

[11] **2,020,934**

[13] C

[51] Int.Cl. 5C08L 1/26

[25] EN

[54] AQUEOUS SUSPENSION OF
HYDROXYETHYLCELLULOSE

[54] SUSPENSION AQUEUSE
D'HYDROXYETHYLCELLULOSE

[72] ZWARTBOL, FLORUS, US

[73] AQUALON COMPANY, US

[22] 1990-07-11

[30] US (395,626) 1989-08-18

Canadian Patents Issued
April 8, 2003

[11] 2,024,545
[13] C

[51] Int.Cl. 5C09K 7/02 5B01F 17/34
5B01F 17/36
[25] FR
[54] EMULSIFIANT, EMULSIONS
INVERSES REALISEES A L'AIDE DE
CET EMULSIFIANT ET LEUR
UTILISATION DANS DES PUITTS DE
FORAGE
[54] EMULSIFIER, INVERT
EMULSIONS MADE FROM THIS
EMULSIFIER AND THEIR USE IN
WELL BORES
[72] BINON, JEAN-PIERRE, FR
[73] TOTAL COMPAGNIE FRANCAISE
DES PETROLES, FR
[22] 1990-09-04
[30] FR (89 11 601) 1989-09-05

[11] 2,027,033
[13] C

[51] Int.Cl. 5H01J 61/34 5H01J 9/00
[25] EN
[54] LIGHTING FIXTURES WITH
MEANS FOR HORIZONTALLY
MOUNTING AN ARC TUBE
[54] APPAREIL D'ECLAIRAGE AVEC
MOYEN DE SUPPORTER
HORIZONTALEMENT UNE LAMPE A
ARC
[72] GORDIN, MYRON K., US
[72] DROST, JAMES L., US
[73] MUSCO CORPORATION, US
[22] 1990-10-05
[30] US (07/424,161) 1989-10-18

[11] 2,027,802
[13] C

[51] Int.Cl. 5C08L 77/00 5C08L 23/08
5C08L 77/10 5C08L 23/16
[25] EN
[54] NYLON MOLDING
COMPOSITIONS EXHIBITING
IMPROVED PROTECTION AGAINST
UV-LIGHT DEGRADATION
[54] COMPOSITIONS POUR MOULAGE
D'ARTICLES EN NYLON A GRANDE
PROPRIETE D'ANTIDEGRADATION
AUX RAYONS U.V.
[72] MULHOLLAND, BRUCE M., US
[73] HOECHST CELANESE
CORPORATION, US
[22] 1990-10-17
[30] US (441,959) 1989-11-28

[11] 2,031,679
[13] C

[51] Int.Cl. 5C08G 63/49 5C09D 157/00
5C08L 57/00 5C09D 167/08 5C08L 67/08
[25] EN
[54] NON-AQUEOUS DISPERSIONS
[54] DISPERSIONS NON AQUEUSES
[72] RAO, MADHUKAR, US
[72] TOMKO, RICHARD F., US
[72] SAYRE, DANIEL R., US
[73] SHERWIN-WILLIAMS COMPANY
(THE), US
[22] 1990-12-06
[30] US (07/464,841) 1990-01-16

[11] 2,033,001
[13] C

[51] Int.Cl. 5C08F 4/602
[25] EN
[54] CATALYST COMPOSITION FOR
POLYMERIZING OLEFINS TO
POLYMERS HAVING GOOD
COMPOSITIONAL HOMOGENEITY
[54] COMPOSITION CATALYTIQUE
POUR LA POLYMERISATION
D'OLEFINES EN POLYMERES DE
COMPOSITION RELATIVEMENT
HOMOGENE
[72] HAGERTY, ROBERT OLDS, US
[72] KISSIN, YURY VIKTOROVICH, US
[72] HUSBY, PER KRISTIAN, US
[72] NOWLIN, THOMAS EDWARD, US
[73] MOBIL OIL CORPORATION, US
[22] 1990-12-21
[30] US (456,905) 1989-12-26

[11] 2,033,190
[13] C

[51] Int.Cl. 5C07C 237/06 5C07D 307/12
5C07D 333/16 5A61K 31/16 5A61K 31/33
5C07D 213/56 5C07C 323/60
[25] EN
[54] N-PHENYLALKYL SUBSTITUTED
ALPHA-AMINO CARBOXAMIDE
DERIVATIVES AND PROCESS FOR
THEIR PREPARATION
[54] DERIVES DE SUBSTITUTION N-
PHENYLALKYLES D'ALPHA-
AMINOCARBOXAMIDE; METHODE
DE PREPARATION
[72] DOSTERT, PHILIPPE, FR
[72] PEVARELLO, PAOLO, IT
[72] HEIDEMPERGHER, FRANCO, IT
[72] VARASI, MARIO, IT
[72] BONSIGNORI, ALBERTO, IT
[72] RONCUCCI, ROMEO, IT
[73] NEWRON PHARMACEUTICALS
S.P.A., IT
[85] 1991-01-24
[86] 1990-05-25 (PCT/EP1990/000841)
[87] (WO1990/014334)
[30] GB (8912071.1) 1989-05-25
[30] GB (9007567.2) 1990-04-04

[11] 2,034,694
[13] C

[51] Int.Cl. 5C08F 8/28 5C08F 8/00
5C10M 145/20
[25] EN
[54] ETHYLENE ALPHA-OLEFIN
POLYMER SUBSTITUTED MANNICH
BASE USEFUL AS
MULTIFUNCTIONAL VISCOSITY
INDEX IMPROVER FOR OLEAGINOUS
COMPOSITION
[54] BASE DE MANNICH SUBSTITUEE
PAR UN POLYMER OLEFINIQUE DE
L'ETHYLENE UTILISEE COMME
AGENT MULTIFONCTIONNEL POUR
AMELIORER L'INDICE DE VISCOSITE
DE COMPOSITIONS OLEAGINEUSES
[72] GUTIERREZ, ANTONIO, US
[72] LUNDBERG, ROBERT DEAN, US
[72] SONG, WON R., US
[73] EXXONMOBIL CHEMICAL
PATENTS INC., US
[22] 1991-01-22
[30] US (473,582) 1990-02-01

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8 avril 2003**

[11] **2,040,521**
[13] C

[51] **Int.Cl. 5C09D 175/14 5B32B 27/40**
[25] EN
[54] **AQUEOUS SOLUTIONS OR DISPERSIONS OF OLIGORUETHANES CONTAINING (METH)ACRYLOYL GROUPS, A PROCESS FOR THEIR PRODUCTION AND COATED SUBSTRATES PREPARED THEREFROM**
[54] **SOLUTIONS AQUEUSES OU DISPERSIONS D'OLIGORUETHANES CONTENANT DES GROUPEMENTS (METH)ACRYLOYL, PROCEDE DE PRODUCTION ET SUBSTRATS ENDUITS QUI EN DERIVENT**
[72] MEIXNER, JURGEN, DE
[72] KREMER, WOLFGANG, DE
[72] MULLER, MANFRED, DE
[72] CASSELMANN, HOLGER, DE
[72] HOEHNE, KLAUS, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
[22] 1991-04-15
[30] DE (P 40 12 339.1) 1990-04-18

[11] **2,042,742**
[13] C

[51] **Int.Cl. 5C08L 7/00 5C08L 9/00**
[25] EN
[54] **3,4-POLYISOPRENE-CONTAINING RUBBER BLEND MIXTURES FOR TIRE TREADS**
[54] **MELANGES DE CAOUTCHOUC RENFERMANT DU 3,4-POLYISOPRENE SERVANT A FABRIQUER DES BANDES DE ROULEMENT DE PNEU**
[72] WOLPERS, JURGEN, DE
[72] FUCHS, HANS-BERND, DE
[72] NORDSIEK, KARL-HEINZ, DE
[72] HERRMANN, CHRISTOPH, DE
[72] HELLERMANN, WALTER, DE
[73] SENTRACHEM LIMITED
REPRESENTED BY KARBOCHEM, A DIVISION LIMITED OF SENTRACHEM LIMITED, ZA
[22] 1991-05-16
[30] DE (P 40 16 079.3) 1990-05-18

[11] **2,043,970**
[13] C

[51] **Int.Cl. 5E21B 43/22**
[25] EN
[54] **TREATING AN UNDERGROUND FORMATION**
[54] **PROCEDE DE TRAITEMENT POUR FORMATION SOUTERRAINE**
[72] KING, ANTHONY PHILIP, GB
[72] VAN PAASSEN, ANDREAS SIMON WILHELMUS, NL
[73] SHELL CANADA LIMITED, CA
[22] 1991-06-05
[30] GB (9012727.5) 1990-06-07

[11] **2,044,887**
[13] C

[51] **Int.Cl. 5E21B 33/126**
[25] EN
[54] **HORIZONTAL INFLATABLE TOOL**
[54] **OUTIL PNEUMATIQUE**
[72] WOOD, EDWARD T., US
[72] SURGNIER, DAVID H., US
[72] BROOKS, ROBERT T., GB
[73] BAKER HUGHES INCORPORATED, US
[22] 1991-06-18
[30] US (586,248) 1990-09-21

[11] **2,046,796**
[13] C

[51] **Int.Cl. 5F23R 3/42**
[25] EN
[54] **COMBUSTOR DOME ASSEMBLY**
[54] **DOMES POUR CHAMBRE DE COMBUSTION**
[72] HOWELL, STEPHEN JOHN, US
[72] TOBORG, STEVEN MILO, US
[72] ALBERT, GRANT ARTHUR, US
[73] GENERAL ELECTRIC COMPANY, US
[22] 1991-07-11
[30] US (562,282) 1990-08-02

[11] **2,048,152**
[13] C

[51] **Int.Cl. 5C08L 23/16**
[25] EN
[54] **ELASTOPLASTIC POLYOLEFIN COMPOSITIONS**
[54] **COMPOSITIONS A BASE DE POLYOLEFINES ELASTOPLASTIQUES**
[72] CECCHIN, GIULIANO, IT
[72] GUGLIELMI, FLORIANO, IT
[72] PELLICONI, ANTEO, IT
[72] BURGIN, EMANUELE, IT
[73] MONTELL NORTH AMERICA INC., US
[22] 1991-07-30
[30] IT (21169 A/90) 1990-08-01

[11] **2,048,243**
[13] C

[51] **Int.Cl. 5C07J 41/00 5C07J 43/00 5A61K 31/56**
[25] EN
[54] **4-AMINO- 4,6-STEROIDS AND THEIR USE AS 5-.ALPHA.-REDUCTASE INHIBITORS**
[54] **LES 4-AMINO-4,6-STEROIDES ET LEUR UTILISATION COMME INHIBITEURS DE LA 5-.ALPHA.-REDUCTASE**
[72] WEINTRAUB, PHILIP M., US
[73] AVENTIS PHARMA INC., CA
[22] 1991-07-31
[30] US (561,410) 1990-08-01
[30] US (671,555) 1991-03-19
[30] US (720,899) 1991-07-02

[11] **2,049,212**
[13] C

[51] **Int.Cl. 5C07D 209/90 5C07F 7/10 5A61K 31/40 5A61K 31/695**
[25] EN
[54] **6-SUBSTITUTED-TETRAHYDROBENZ [CD] INDOLES**
[54] **DERIVES DE SUBSTITUTION EN 6 DE TETRAHYDROBENZO[CD]INDOLES**
[72] FLAUGH, MICHAEL E., US
[72] MARTINELLI, MICHAEL J., US
[72] SCHAUS, JOHN M., US
[73] ELI LILLY AND COMPANY, US
[22] 1991-08-14
[30] US (567,990) 1990-08-15
[30] US (725,175) 1991-07-03

Canadian Patents Issued
April 8, 2003

[11] **2,049,630**
[13] C
[51] **Int.Cl. 5C08F 8/28**
[25] EN
[54] **CYCLIC CARBONYL
CONTAINING POLYMERS**
[54] **POLYMERES CONTENANT DES
GROUPE CYCLIQUES A FONCTIONS
CARBONYLES**
[72] BROIS, STANLEY J., US
[73] EXXON RESEARCH AND
ENGINEERING COMPANY, US
[22] 1991-08-21

[11] **2,049,786**
[13] C
[51] **Int.Cl. 5H04B 15/00 5H04R 3/00**
[25] EN
[54] **DIGITAL SIGNAL ENCODER**
[54] **CODEUR DE SIGNAUX
NUMERIQUE**
[72] AKAGIRI, KENZO, JP
[72] TSUTSUI, KYOYA, JP
[73] SONY CORPORATION, JP
[22] 1991-08-23
[30] JP (P221366/90) 1990-08-24

[11] **2,050,300**
[13] C
[51] **Int.Cl. 6C07K 14/47**
[25] EN
[54] **TNF-INHIBITING PROTEINS AND
THE PREPARATION THEREOF**
[54] **PROTEINES INHIBANT LE TNF ET
LEUR PREPARATION**
[72] LEMAIRE, HANS-GEORG, DE
[72] HILLEN, HEINZ, DE
[72] MOELLER, ACHIM, US
[72] DAUM, LOTHAR, DE
[72] DOERPER, THOMAS, DE
[72] SUBKOWSKI, THOMAS, DE
[73] BASF AKTIENGESSELLSCHAFT, DE
[85] 1991-09-19
[86] 1990-05-04 (PCT/EP1990/000719)
[87] (WO1990/013575)
[30] DE (P 39 15 072.0) 1989-05-09
[30] DE (P 39 22 089.3) 1989-07-05

[11] **2,050,677**
[13] C
[51] **Int.Cl. 5G01N 33/66**
[25] EN
[54] **VISUAL BLOOD GLUCOSE
CONCENTRATION TEST STRIP**
[54] **METHODE DE MESURE
VISUELLE DE LA GLYCEMIE**
[72] KISER, ERNEST J., US
[72] RICE, EDWARD G., US
[72] TOMASCO, MICHAEL F., US
[73] LIFESCAN, US
[22] 1991-09-04
[30] US (578,364) 1990-09-06

[11] **2,051,182**
[13] C
[51] **Int.Cl. 5E21B 43/27**
[25] EN
[54] **PRODUCT AND PROCESS FOR
ACID DIVERSION IN THE
TREATMENT OF SUBTERRANEAN
FORMATIONS**
[54] **PRODUIT ET PROCEDE DE
DEVIATION DES ACIDES DANS LE
TRAITEMENT DES FORMATIONS
SOUTERRAINES**
[72] ZERHBOUB, MOHAMED, FR
[73] DOWELL SCHLUMBERGER
CANADA INC., CA
[22] 1991-09-11
[30] FR (90 11362) 1990-09-12

[11] **2,052,877**
[13] C
[51] **Int.Cl. 5F28F 7/00**
[25] EN
[54] **DOUBLE PLATE PARTITION FOR
A HEAT EXCHANGER**
[54] **PARTITION DOUBLE PLAQUE
POUR UN ECHANGEUR DE CHALEUR**
[72] TOKUTAKE, TOSHINORI, JP
[72] NOBUSUE, MITSURU, JP
[72] HANAFUSA, TATSUYA, JP
[73] SHOWA DENKO K.K., JP
[22] 1991-10-07
[30] JP (2-106089) 1990-10-08
[30] JP (3-5939) 1991-01-22

[11] **2,053,216**
[13] C
[51] **Int.Cl. 5C07D 215/14 5C07D 401/12
5C07D 405/12 5C07D 409/12 5A61K 31/47**
[25] EN
[54] **SATURATED
HYDROXYALKYLQUINOLINE ACIDS
AS LEUKOTRIENE ANTAGONISTS**
[54] **DERIVES ACIDES
D'HYDROXYALKYLQUINOLINE
SATUREE COMME ANTAGONISTES
DES LEUCOTRIENES**
[72] BELLEY, MICHEL L., CA
[72] LEGER, SERGE, CA
[72] ROY, PATRICK, CA
[72] XIANG, YI BIN, CA
[72] LABELLE, MARC, CA
[73] MERCK FROSST CANADA & CO./
MERCK FROSST CANADA & CIE, CA
[22] 1991-10-10
[30] US (596,844) 1990-10-12

[11] **2,053,765**
[13] C
[51] **Int.Cl. 5F15B 13/04**
[25] EN
[54] **VALVE ASSEMBLY**
[54] **MECANISME DE SOUPAPE**
[72] KARLBERG, LEIF, SE
[73] ALENTEC ORION AKTIEBOLAG, SE
[22] 1991-10-22
[30] SE (9003472-9) 1990-10-31

[11] **2,057,696**
[13] C
[51] **Int.Cl. 5A47G 25/44**
[25] EN
[54] **MOTORIZED ADJUSTABLE
CLOTHES HANGER**
[54] **PORTE-HABITS REGLABLE
MOTORISE**
[72] LAM, PETER AR-FU, HK
[73] LAM, PETER AR-FU, HK
[22] 1991-12-16

**Brevets canadiens délivrés
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[11] **2,059,850**
[13] C

[51] **Int.Cl. 5C08L 69/00 5C08L 67/00**
[25] EN
[54] **POLYCARBONATE RESIN COMPOSITION**
[54] **COMPOSITION RESINIQUE DU TYPE POLYCARBONATE**
[72] KOZAKURA, SHIRO, JP
[72] KUZE, SHIGEKI, JP
[73] IDEMITSU PETROCHEMICAL COMPANY LIMITED, JP
[22] 1992-01-22
[30] JP (022664/1991) 1991-01-24

[11] **2,060,693**
[13] C

[51] **Int.Cl. 5A61M 1/14 5A61M 1/00**
[25] FR
[54] **PROCEDE DE DISPOSITIF DE TRAITEMENT DU SANG PAR CIRCULATION EXTRACORPORELLE A AIGUILLE UNIQUE**
[54] **PROCESS FOR THE CONTROL OF THE BLOOD FLOW IN A SINGLE-NEEDLE CIRCUIT**
[72] RIQUIER, JEAN-CLAUDE, FR
[72] CHEVALLET, JACQUES, FR
[73] HOSPAL INDUSTRIE, FR
[22] 1992-02-05
[30] FR (91 01 566) 1991-02-06

[11] **2,061,487**
[13] C

[51] **Int.Cl. 5C08K 5/34**
[25] EN
[54] **COATING MATERIAL STABILISED AGAINST LIGHT-INDUCED DEGRADATION**
[54] **ENDUIT STABILISE CONTRE LA DEGRADATION CAUSEE PAR LA LUMIERE**
[72] VALET, ANDREAS, DE
[72] BIRBAUM, JEAN-LUC, CH
[72] SLONGO, MARIO, CH
[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[22] 1992-02-19
[30] CH (527/91-0) 1991-02-21

[11] **2,061,601**
[13] C

[51] **Int.Cl. 5A01N 63/00 5A61L 15/38 6A61K 38/44**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF INFECTION AND CONTROL OF FLORA**
[54] **METHODES ET COMPOSITIONS UTILISEES POUR COMBATTRE L'INFECTION ET ASSURER LE CONTROLE DE LA FLORE**
[72] ALLEN, ROBERT CHARLES, US
[73] EXOXEMIS, INC., US
[22] 1992-02-20
[30] US (660,994) 1991-02-21

[11] **2,061,907**
[13] C

[51] **Int.Cl. 5A61K 31/557**
[25] EN
[54] **TREATMENT OF OCULAR HYPERTENSION WITH A SYNERGISTIC COMBINATION**
[54] **TRAITEMENT DE L'HYPERTENSION OCULAIRE AVEC COMBINAISON SYNERGIQUE**
[72] UENO, RYUJI, JP
[73] R-TECH UENO, LTD., JP
[22] 1992-02-26
[30] JP (061328/1991) 1991-03-01

[11] **2,061,963**
[13] C

[51] **Int.Cl. 5C08F 10/00**
[25] EN
[54] **PRODUCTION OF OLEFIN POLYMERS**
[54] **PREPARATION DE POLYMERES OLEFINIQUES**
[72] FUJITA, TAKASHI, JP
[73] MITSUBISHI CHEMICAL CORPORATION, JP
[22] 1992-02-27
[30] JP (33107/1991) 1991-02-27

[11] **2,062,271**
[13] C

[51] **Int.Cl. 5C07D 453/02 5C07D 451/00 5A61K 31/44**
[25] EN
[54] **DERIVATIVES OF SUBSTITUTED IMIDAZOL-2-ONE AND PROCESS FOR THEIR PREPARATION**
[54] **DERIVES DE SUBSTITUTION D'IMIDAZOL-2-ONE ET METHODE DE PREPARATION**
[72] VARASI, MARIO, IT
[72] HEIDEMPERGHER, FRANCO, IT
[72] CARFAGNA, NICOLA, IT
[72] FARIELLO, RUGGERO, IT
[73] PHARMACIA & UPJOHN S.P.A., IT
[22] 1992-03-04
[30] GB (9106571.4) 1991-03-27

[11] **2,065,677**
[13] C

[51] **Int.Cl. 5F02K 1/12 5F02K 1/44**
[25] EN
[54] **AXISYMMETRIC VECTORING EXHAUST NOZZLE THERMAL SHIELD**
[54] **ECRAN THERMIQUE POUR TRUYERE D'EVACUATION ORIENTALE AXISYMETRIQUE**
[72] WOOD, JONATHAN MARTIN, US
[72] HAUER, THOMAS ANTHONY, US
[72] LIPPEMEIER, WILLIAM CHARLES, US
[73] GENERAL ELECTRIC COMPANY, US
[22] 1992-04-09
[30] US (700,979) 1991-05-16

[11] **2,065,736**
[13] C

[51] **Int.Cl. 5G06F 15/68 5G06F 15/62**
[25] EN
[54] **SPATIAL AUGMENTATION OF VERTICES AND CONTINUOUS LEVEL OF DETAIL TRANSITION FOR SMOOTHLY VARYING TERRAIN POLYGON DENSITY**
[54] **AUGMENTATION SPATIALE DU NOMBRE DE SOMMETS ET CONTINUTE DES TRANSITIONS DANS LES POLYGONES DE REPRESENTATION DE TERRAINS**
[72] ECONOMY, RICHARD, US
[72] KELLY, WILLIAM ARTHUR, US
[72] PELHAM, ANTHONY JOHN, US
[72] QUICK, LEE TANYA, US
[72] PIAZZA, THOMAS ARPAD, US
[73] INTEL CORPORATION, US
[22] 1992-04-09
[30] US (695,439) 1991-05-03

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April 8, 2003

[11] **2,065,849**
[13] C
[51] Int.Cl. 5C07C 401/00 5C07F 9/117
5C07H 15/207 5A61K 31/59 5A61K 31/66
5A61K 31/70
[25] EN
[54] VITAMIN D ANALOGUES
[54] ANALOGUES DE LA VITAMINE D
[72] HANSEN, KAI, DK
[73] LEO PHARMACEUTICAL
PRODUCTS LTD. A/S (LOVENS
KEMISKE FABRIK
PRODUKTIONSAKTIESELSKAB), DK
[85] 1992-03-11
[86] 1990-12-10 (PCT/DK1990/000323)
[87] (WO1991/009841)
[30] GB (8929059.7) 1989-12-22

[11] **2,066,483**
[13] C
[51] Int.Cl. 5A61F 13/15 5A41H 43/00
[25] EN
[54] METHOD FOR ATTACHMENT OF
ELASTIC MEMBERS AROUND LEG-
HOLES OF DISPOSABLE GARMENTS
[54] METHODE DE FIXATION
D'ELASTIQUES AUX TOURS DE
JAMBES DE COUCHES JETABLES
[72] NOMURA, HIRONORI, JP
[72] SHIMAKAWA, TAJI, JP
[72] MATSURA, YOSHINORI, JP
[72] YAMAMOTO, HIROKI, JP
[72] OHNISHI, HIROFUMI, JP
[73] UNI-CHARM CORPORATION, JP
[22] 1992-04-21
[30] JP (3-122429) 1991-04-25

[11] **2,066,564**
[13] C
[51] Int.Cl. 5C22B 1/248 5B22F 3/12
[25] EN
[54] RECYCLING SCRAP METAL
[54] RECYCLAGE DE FERRAILLE
[72] CACACE, ANTONINO GIORGIO, GB
[73] CAMBORNE INDUSTRIES PLC, GB
[85] 1992-03-23
[86] 1990-09-19 (PCT/GB1990/001437)
[87] (WO1991/004346)
[30] NZ (228414) 1989-09-21

[11] **2,068,164**
[13] C
[51] Int.Cl. 5B67D 5/04
[25] EN
[54] APPLIANCE FOR REFUELLING A
GAS FUEL TANK
[54] DISPOSITIF POUR LE
REMPLISSAGE D'UN RESERVOIR DE
GAZ NATUREL
[72] BAUMANN, HEINZ, CH
[72] MUTTER, HEINZ, CH
[73] GREENFIELD AG, CH
[22] 1992-05-07
[30] CH (1593/91-6) 1991-05-30

[11] **2,068,179**
[13] C
[51] Int.Cl. 5C07D 233/18 5C07D 245/02
5C07D 243/04 5C07D 239/06 5C23F 11/14
5C07C 233/47
[25] EN
[54] AMINE DERIVATIVES AS
CORROSION INHIBITORS
[54] DERIVES AMINES EN TANT
QU'INHIBITEURS DE CORROSION
[72] CLEWLOW, PAUL JONATHAN, GB
[72] HASLEGRAVE, JOHN ANTHONY,
GB
[72] CARRUTHERS, NIAL, GB
[72] O'BRIEN, TERENCE MICHAEL, GB
[73] EXXON CHEMICAL PATENTS INC.,
US
[22] 1992-05-07
[30] GB (9116684.3) 1991-08-02

[11] * **2,069,399**
[13] C
[51] Int.Cl. 5B63B 35/85 5B63C 9/00
5B63B 35/71
[25] EN
[54] KAYAK RIGHTING METHOD AND
APPARATUS
[54] METHODE ET APPAREIL DE
REDRESSEMENT DE KAYAK
[72] BLACHFORD, ALISTAIR
MAITLAND, CA
[73] BLACHFORD, ALISTAIR
MAITLAND, CA
[22] 1992-05-25

[11] **2,071,623**
[13] C
[51] Int.Cl. 5A61K 47/40
[25] EN
[54] CYCLODEXTRIN COMPOSITION
[54] COMPOSITION A BASE DE
CYCLODEXTRINE
[72] UDA, YOSHIKI, JP
[72] NISHIDA, YOHKO, JP
[72] OGAWA, YASUAKI, JP
[73] TAKEDA CHEMICAL INDUSTRIES,
LTD., JP
[22] 1992-06-18
[30] JP (150507/1991) 1991-06-21
[30] JP (230489/1991) 1991-09-10

[11] **2,072,274**
[13] C
[51] Int.Cl. 5C23C 18/16
[25] EN
[54] IMPROVED METHOD OF
APPLYING METAL COATINGS ON
CUBIC BORON NITRIDE AND
ARTICLES MADE THEREFROM
[54] METHODE AMELIORE DE
RETELEMENT METALLIQUE DE
PARTICULES CUBIQUES DE NITRURE
DE BORE ET ARTICLES FABRIQUES A
PARTIR DE CES PARTICULES
[72] IACOVANGELO, CHARLES D., US
[73] GENERAL ELECTRIC COMPANY,
US
[22] 1992-06-25
[30] US (738,758) 1991-08-01

[11] **2,072,449**
[13] C
[51] Int.Cl. 5F42B 5/38 5F42B 5/16
[25] EN
[54] DEVICE FOR FIRING
AMMUNITION
[54] DISPOSITIF DE MUSE A FEU DE
CHARGE EXPLOSIVE
[72] EICH, JOHANNES, DE
[72] KORDEL, GERHARD, DE
[72] KUHLA, MATTHIAS, DE
[73] DYNAMIT NOBEL
AKTIENGESELLSCHAFT, DE
[22] 1992-06-26
[30] DE (P 41 21 590.7) 1991-06-29

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[11] **2,074,322**
[13] C

[51] **Int.Cl. 6A61K 38/09 5A61K 9/50**
[25] EN
[54] **A COMPOSITION FOR THE SUSTAINED AND CONTROLLED RELEASE OF MEDICAMENTOUS SUBSTANCES AND A PROCESS FOR PREPARING THE SAME**
[54] **COMPOSITION POUR LA LIBERATION PROLONGEE ET LENTE D'UN PRODUIT MEDICAMENTEUX ET METHODE DE PREPARATION**
[72] ORSOLINI, PIERO, CH
[72] HEIMGARTNER, FREDERIC, CH
[73] ZENTARIS AG, DE
[22] 1992-07-21
[30] CH (02 178/91-0) 1991-07-22

[11] **2,075,387**
[13] C

[51] **Int.Cl. 5H04B 10/18 5H04J 14/02 5H04B 10/14**
[25] EN
[54] **LOW DISTORTION LASER SYSTEM FOR AM FIBER OPTIC COMMUNICATION**
[54] **LASER A FAIBLE DISTORSION POUR LES COMMUNICATIONS PAR FIBRE OPTIQUE A MODULATION D'AMPLITUDE**
[72] GLAAB, JOSEPH B., US
[72] HUBER, DAVID R., US
[73] GENERAL INSTRUMENT CORPORATION, US
[22] 1992-08-06
[30] US (07/745,539) 1991-08-15

[11] **2,076,728**
[13] C

[51] **Int.Cl. 5A61G 7/05 5A61G 7/065 5A61G 7/07**
[25] EN
[54] **MATRESS FOR BIRTHING BED**
[54] **MATELAS POUR LIT D'ACCOUCHEMENT**
[72] NEWKIRK, DAVID C., US
[72] RICHARDS, SANDY M., US
[72] BORDERS, RICHARD L., US
[73] HILL-ROM COMPANY, INC., US
[22] 1992-08-24
[30] US (767,468) 1991-09-30

[11] **2,078,370**
[13] C

[51] **Int.Cl. 5H04B 7/26**
[25] EN
[54] **CELLULAR RADIO COMMUNICATIONS SYSTEM**
[54] **SYSTEME DE RADIOCOMMUNICATION CELLULAIRE**
[72] MALKAMAKI, ESA, FI
[72] JOKINEN, HARRI, FI
[73] NOKIA MOBILE PHONES LTD., FI
[22] 1992-09-16
[30] FI (914369) 1991-09-17

[11] **2,078,463**
[13] C

[51] **Int.Cl. 5F24F 11/00**
[25] EN
[54] **CONTROL APPARATUS FOR AIR-CONDITIONERS**
[54] **COMMANDE POUR CLIMATISEURS D'AIR**
[72] MURATA, HIROTAKA, JP
[72] MATSUMOTO, KAZUNORI, JP
[72] OKAZAKI, MITSUO, JP
[72] NISHIDA, KEIJI, JP
[72] SAITO, KATSUMI, JP
[73] SANYO ELECTRIC CO., LTD., JP
[22] 1992-09-17
[30] JP (3-302,019) 1991-11-18

[11] **2,078,744**
[13] C

[51] **Int.Cl. 5C08G 63/52 5C07C 7/144**
[25] EN
[54] **UNSATURATED POLYESTERS AND CROSSLINKED MEMBRANES THEREFROM FOR AROMATICS/SATURATES SEPARATION**
[54] **POLYESTERS NON SATURES ET MEMBRANES RETICULEES EN RESULTANT POUR LA SEPARATION DES AROMATIQUES DES COMPOSES SATURES**
[72] SARTORI, GUIDO, US
[72] HO, WIN-SOW W., US
[72] NOONE, ROBERT E., US
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US
[22] 1992-09-21
[30] US (775,887) 1991-10-11

[11] **2,078,974**
[13] C

[51] **Int.Cl. 5C08G 63/16 5B01D 61/36 5B01D 71/48**
[25] EN
[54] **SATURATED POLYESTERS AND CROSSLINKED MEMBRANES THEREFROM FOR AROMATICS/SATURATES SEPARATION**
[54] **POLYESTERS SATURES ET MEMBRANES RETICULEES PREPAREES A PARTIR DE CES DERNIERS POUR LA SEPARATION DES COMPOSES AROMATIQUES OU SATURES**
[72] SARTORI, GUIDO, US
[72] HO, WIN-SOW W., US
[72] BALLINGER, BRUCE H., US
[73] EXXON RESEARCH AND ENGINEERING COMPANY, US
[22] 1992-09-23
[30] US (775,886) 1991-10-11

[11] **2,079,131**
[13] C

[51] **Int.Cl. 5G06F 15/40 5G06F 7/00**
[25] EN
[54] **CHANGE DEFINITION LANGUAGE FOR COMPUTER DATABASE SYSTEM**
[54] **LANGAGE DE DEFINITION DE CHANGEMENTS POUR BASE DE DONNEES INFORMATIQUE**
[72] OLSON, JACK EDWARD, US
[72] ELLIOTT, LINDA CAROLYN, US
[73] BMC SOFTWARE, INC., US
[22] 1992-09-25
[30] US (07/767,230) 1991-09-27

[11] **2,079,364**
[13] C

[51] **Int.Cl. 5C12P 7/64 5C12P 7/42**
[25] EN
[54] **PROCESS FOR PRODUCTION OF DIHOMO-Y-LINOLENIC ACID AND LIPID CONTAINING SAME**
[54] **PROCEDE DE PRODUCTION D'ACIDE DIHOMO-Y-LINOLENIQUE ET LIPIDE LE CONTENANT**
[72] KAWASHIMA, HIROSHI, JP
[72] AKIMOTO, KENGO, JP
[72] YAMADA, HIDEAKI, JP
[72] SHIMIZU, SAKAYU, JP
[73] SUNTORY LIMITED, JP
[22] 1992-09-29
[30] JP (3-251964) 1991-09-30

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[11] **2,080,727**
[13] C
[51] **Int.Cl. 5B63B 59/00 5B63B 9/00**
[25] EN
[54] **APPARATUS AND METHOD FOR PERFORMING EXTERNAL SURFACE WORK ON SHIPS' HULLS**
[54] **INSTALLATION ET METHODE POUR EFFECTUER DU TRAVAIL SUR LA SURFACE EXTERIEURE DE LA COQUE D'UN NAVIRE**
[72] GARLAND, CHARLES, US
[72] GOLDBACH, RICHARD A., US
[72] MCCONNELL, FRANK E., US
[72] MCMICHAEL, JAMES A., US
[72] WAGNER, WILLIAM A., US
[73] TIDEWATER EQUIPMENT CORPORATION, US
[73] METRO MACHINE CORP., US
[22] 1992-10-16
[30] US (782,315) 1991-10-24

[11] **2,082,466**
[13] C
[51] **Int.Cl. 5C09B 48/00 5C08L 101/00 5C09D 11/02 5C09D 5/38**
[25] EN
[54] **QUINACRIDONE SOLID SOLUTIONS HAVING UNIQUE STYLING APPLICATIONS**
[54] **SOLUTIONS SOLIDES DE QUINACRIDONE AYANT DES APPLICATIONS UNIQUES EN MATIERE DE PIGMENTATION**
[72] ZALOUM, CHARLES G., US
[72] GREENE, MICHAEL J., US
[73] BAYER CORPORATION, US
[22] 1992-11-09
[30] US (07/799,453) 1991-11-26

[11] **2,082,690**
[13] C
[51] **Int.Cl. 5B01D 53/02 5H05B 6/80**
[25] EN
[54] **IN PLACE REGENERATION OF ADSORBENTS USING MICROWAVES**
[54] **REGENERATION EN PLACE D'ADSORBANTS AU MOYEN DE MICRO-ONDES**
[72] WOODMANSEE, DONALD ERNEST, US
[72] CARROLL, JAMES JOSEPH, SR., US
[73] GENERAL ELECTRIC COMPANY, US
[22] 1992-11-12
[30] US (811,637) 1991-12-23

[11] **2,083,199**
[13] C
[51] **Int.Cl. 5C02F 3/30 5C02F 3/10 5C02F 3/28**
[25] EN
[54] **METHOD FOR THE TREATMENT OF SEWAGE AND INSTALLATION TO BE USED FOR THIS METHOD**
[54] **METHODE ET INSTALLATION DE TRAITEMENT DES EAUX USEES**
[72] MARSMAN, ERIC H., NL
[72] VLEKKE, GERARDUS J. F. M., NL
[72] URLINGS, LEONARDUS G. C. M., NL
[72] REITSMA, BEREND A. H., NL
[73] TAUW MILIEU B.V., NL
[22] 1992-11-18
[30] NL (9101917) 1991-11-18

[11] **2,084,431**
[13] C
[51] **Int.Cl. 5C07J 21/00 5C07J 31/00 5C07J 41/00 5A61K 31/58**
[25] EN
[54] **17-SPIROFURAN-3'-YLIDENE STEROIDS**
[54] **STEROIDES 17-SPIROFURAN-3'-YLIDENE**
[72] HAMERSMA, JOHANNES A. M., NL
[72] ORLEMANS, EVERARDUS O. M., NL
[72] REWINKEL, JOHANNES BERNARDUS MARIA, NL
[73] AKZO NOBEL N.V., NL
[22] 1992-12-03
[30] NL (91.203.366.9) 1991-12-20

[11] **2,085,097**
[13] C
[51] **Int.Cl. 5C10L 1/18**
[25] EN
[54] **REODORANT ADDITIVE FOR FUEL COMPOSITION**
[54] **ADDITIF DEODORANT POUR COMPOSITION DE CARBURANT**
[72] HART, RICHARD JOSEPH, GB
[72] HIRSCH, PETER, DE
[72] HEIN, ANDREAS, DE
[72] GSCHWENDTNER, WOLFGANG WILHELM JOSEF, DE
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 1992-11-25
[86] 1991-05-29 (PCT/EP1991/000988)
[87] (WO1991/018961)
[30] GB (9011909.0) 1990-05-29

[11] **2,085,863**
[13] C
[51] **Int.Cl. 5F16L 37/08**
[25] EN
[54] **QUICK CONNECT TUBE COUPLING**
[54] **RACCORD RAPIDE POUR TUYAUTERIE**
[72] OLSON, DARWIN C., US
[73] DANA CORPORATION, US
[22] 1992-12-18
[30] US (816,136) 1991-12-31

[11] **2,086,634**
[13] C
[51] **Int.Cl. 5G02F 1/335**
[25] EN
[54] **PROCESS AND A DEVICE FOR ERROR CORRECTION IN ACOUSTO-OPTIC DEFLECTION OF LIGHT BEAMS, PARTICULARLY OF LASER LIGHT**
[54] **METHODE ET DISPOSITIF DE CORRECTION DES ERREURS DANS LA DEVIATION ACOUSTO-OPTIQUE DES FAISCEAUX LUMINEUX, PARTICULIEREMENT DES FASCEAUX LASERS**
[72] SANDSTROM, TORBJORN, SE
[73] MICRONIC LASER SYSTEMS AB, SE
[22] 1993-01-04
[30] DE (P 42 00 374.1) 1992-01-09

[11] **2,086,756**
[13] C
[51] **Int.Cl. 5A61K 31/52**
[25] EN
[54] **PENCICLOVIR AND FAMCICLOVIR AND RELATED GUANINE DERIVATIVES FOR THE TREATMENT OF THE HIV-1 INFECTIONS**
[54] **PENCICLOVIR ET FAMCICLOVIR ET DERIVES CONNEXES DE LA GUANINE UTILISES POUR LE TRAITEMENT DES INFECTIONS A VIH-1**
[72] KENIG, MARTIN DAVID JOHN, GB
[72] VERE HODGE, RICHARD ANTHONY, GB
[73] NOVARTIS INTERNATIONAL PHARMACEUTICAL LTD., BM
[85] 1993-01-05
[86] 1991-07-03 (PCT/GB1991/001082)
[87] (WO1992/000742)
[30] GB (9015051.7) 1990-07-07

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[11] **2,087,225**
[13] C

[51] **Int.Cl. 5B09B 5/00**
[25] FR
[54] **PROCEDE ET INSTALLATION
POUR LE STOCKAGE DE DECHETS
SOLIDIFIES**
[54] **PROCESS AND EQUIPMENT FOR
SOLIDIFIED WASTES STORAGE**
[72] BIROS, JEAN-LOUIS, FR
[72] GONTARD, BERTRAND, FR
[72] PICHAT, PHILIPPE, FR
[73] SARP INDUSTRIES, FR
[22] 1993-01-13
[30] FR (92 00458) 1992-01-17

[11] **2,087,476**
[13] C

[51] **Int.Cl. 5C12Q 1/56 5G01N 33/579**
[25] EN
[54] **PRETREATMENT OF SAMPLE
FOR ENDOTOXIN MEASUREMENT**
[54] **PRETRAITEMENT
D'ECHANTILLONS POUR LA MESURE
D'ENDOTOXINES**
[72] TSUCHIYA, MASAKAZU, JP
[72] HARADA, KAZUAKI, JP
[73] WAKO PURE CHEMICAL
INDUSTRIES, LTD., JP
[22] 1993-01-18
[30] JP (04-034197) 1992-01-24

[11] **2,087,924**
[13] C

[51] **Int.Cl. 5F16H 29/00 5F16D 41/04**
[25] EN
[54] **MULTIFUNCTIONAL ENERGY-
SAVING SYSTEM FOR VEHICLES**
[54] **SYSTEME D'ECONOMIE
D'ENERGIE MULTIFONCTIONNEL
DESTINE A DES VEHICULES**
[72] GAO, XINGLONG, CN
[73] GAO, XINGLONG, CN
[73] HITOP SCIENCE TECHNOLOGY
(SHENZHEN) CO., LTD., CN
[22] 1993-01-22
[30] CN (92 1 00525.3) 1992-01-25

[11] **2,088,545**
[13] C

[51] **Int.Cl. 5H01S 3/02**
[25] EN
[54] **OPTICAL AMPLIFIER**
[54] **AMPLIFICATEUR OPTIQUE**
[72] ZERVAS, MICHAEL NICKOLAOS,
GB
[72] LAMING, RICHARD IAN, GB
[72] PAYNE, DAVID NEIL, GB
[73] UNIVERSITY OF SOUTHAMPTON,
GB
[22] 1993-02-01
[30] GB (9203590.6) 1992-02-20

[11] **2,088,697**
[13] C

[51] **Int.Cl. 5C09K 7/06 5C09K 7/02
5B01F 17/56**
[25] EN
[54] **USE OF SURFACE-ACTIVE
ALKYL GLYCOSIDE COMPOUNDS IN
WATER- AND OIL-BASED DRILLING
FLUIDS AND OTHER DRILL-HOLE
TREATMENT AGENTS**
[54] **UTILISATION DE COMPOSES
TENSIO-ACTIFS A BASE DE
GLYCOSIDE ALKYLE DANS DES
FLUIDES DE FORAGE A BASE D'EAU
ET D'HUILE ET AUTRES AGENTS DE
TRAITEMENT POUR PUITTS DE
FORAGE**
[72] MUELLER, HEINZ, DE
[72] HEROLD, CLAUD-PETER, DE
[72] WEUTHEN, MANFRED, DE
[73] HENKEL
KOMMANDITGESELLSCHAFT AUF
AKTIEN, DE
[85] 1993-02-03
[86] 1991-07-25 (PCT/EP1991/001396)
[87] (WO1992/002594)
[30] DE (P 40 24 658.2) 1990-08-03

[11] **2,089,826**
[13] C

[51] **Int.Cl. 5B32B 31/06 5B32B 5/28
5B32B 31/28**
[25] EN
[54] **METHOD AND APPARATUS FOR
MAKING STRUCTURAL
REINFORCEMENT PREFORMS
INCLUDING ENERGETIC BASTING OF
WEBS OF REINFORCEMENT
MATERIAL AND ENERGETIC
STITCHING OF REINFORCEMENT
MEMBERS**
[54] **METHODE ET APPAREIL
SERVANT A FABRIQUER DES
PREFORMES DE PIECE DE
REINFORCEMENT, NOTAMMENT PAR
LE FAUFILAGE ENERGETIQUE DE
BANDES DE MATERIAU DE
REINFORCEMENT ET DE LA PIQURE
ENERGETIQUE D'ELEMENTS DE
REINFORCEMENT**
[72] BUCKLEY, DANIEL T., US
[72] HORN, SIEGFRIED W., US
[73] C.A. LAWTON COMPANY (THE), US
[22] 1993-02-18

[11] **2,090,460**
[13] C

[51] **Int.Cl. 5B65D 71/16**
[25] EN
[54] **WRAP-AROUND CARRIER WITH
ARTICLE RETAINER**
[54] **PORTE-OBJET ENVELOPPANT A
ELEMENT DE RETENUE**
[72] SCHUSTER, RICHARD LEE, US
[73] RIVERWOOD INTERNATIONAL
CORPORATION, US
[85] 1993-02-26
[86] 1991-08-20 (PCT/US1991/005947)
[87] (WO1992/004251)
[30] US (574,987) 1990-08-29

[11] **2,090,949**
[13] C

[51] **Int.Cl. 5B41J 5/46**
[25] EN
[54] **PRINTER WITH FLASH MEMORY**
[54] **IMPRIMANTE A MEMOIRE
FLASH**
[72] BROWN, JOHN K., III, US
[72] KOLB, JOSEPH P., US
[72] OLIVER, LYNN M., US
[73] LEXMARK INTERNATIONAL, INC.,
US
[22] 1993-03-03
[30] US (07/904,612) 1992-06-26

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[11] 2,091,764
[13] C

[51] Int.Cl. 5C12Q 1/68 5C07H 21/00
5C12P 19/34
[25] EN
[54] PROBE COMPOSITIONS FOR
CHROMOSOME IDENTIFICATION
AND METHODS
[54] COMPOSITIONS DE SONDRES
POUR L'IDENTIFICATION DE
CHROMOSOMES ET METHODES
[72] BITTNER, MICHAEL LOUIS, US
[72] MORRISON, LARRY EDWARD, US
[72] LEGATOR, MONA STEIN, US
[73] VYSIS, INC., US
[85] 1993-03-16
[86] 1991-09-19 (PCT/US1991/006811)
[87] (WO1992/005185)
[30] US (07/585,876) 1990-09-20

[11] 2,092,127
[13] C

[51] Int.Cl. 5A01D 90/12
[25] EN
[54] HEADER TRANSPORT SUPPORT
BRACKET
[54] SUPPORT POUR LE TRANSPORT
D'ORGANES DE RECOLTE DE
MOISSONNEUSE
[72] KUHNS, ABE B., US
[73] E-Z TRAIL, INC., US
[22] 1993-03-22
[30] US (08/027,038) 1993-03-05

[11] 2,092,237
[13] C

[51] Int.Cl. 5B01D 3/28 5B01D 53/18
[25] EN
[54] DEVICE FOR COUNTER-
CURRENTLY CONTACTING GAS AND
LIQUID
[54] DISPOSITIF ASSURANT LE
CONTACT DES PHASES GAZ-LIQUIDE
A CONTRE-COURANT
[72] KONIJN, GERRIT, NL
[73] SHELL CANADA LIMITED, CA
[22] 1993-03-23
[30] EP (92200854.5) 1992-03-25

[11] 2,094,371
[13] C

[51] Int.Cl. 5A61M 25/01
[25] EN
[54] CONVERTIBLE GUIDEWIRE
CATHETER WITH SOFT TIP
[54] CATHETER FIL-GUIDE
CONVERTIBLE AVEC EMBOUT
SOUPLE
[72] ALVAREZ DE TOLEDO,
FERNANDO, US
[73] BOSTON SCIENTIFIC
CORPORATION, US
[85] 1993-04-19
[86] 1991-10-28 (PCT/US1991/008287)
[87] (WO1992/007507)
[30] US (605,561) 1990-10-29

[11] 2,095,144
[13] C

[51] Int.Cl. 5F24F 11/02
[25] EN
[54] OPERATION MODE SETTING
APPARATUS FOR AIR CONDITIONER
[54] DISPOSITIF DE REGLAGE DU
MODE DE FONCTIONNEMENT D'UN
CLIMATISEUR
[72] NAKAE, TSUGIO, JP
[72] ISHIHARA, MANABU, JP
[73] SANYO ELECTRIC CO., LTD., JP
[85] 1993-04-28
[86] 1992-09-10 (PCT/JP1992/001155)
[87] (WO1993/006420)
[30] JP (3/243584) 1991-09-24

[11] 2,096,218
[13] C

[51] Int.Cl. 5C08L 23/16 5C08L 91/00
5C08L 23/02
[25] EN
[54] ELASTOMER COMPOSITION FOR
COVERING MATERIALS AND
COVERING MATERIALS FOR
INDUSTRIAL PARTS COMPRISING
THE SAME
[54] COMPOSITION A BASE
D'ELASTOMERE DESTINEE A DES
MATERIAUX DE REVETEMENT, ET
MATERIAUX POUR L'INDUSTRIE
CONTENANT LADITE COMPOSITION
[72] HOSODA, SATORU, JP
[72] HIKASA, TADASHI, JP
[72] HAMANAKA, TATSUO, JP
[72] KASAHARA, TATSUYA, JP
[72] ASADA, YASUSHI, JP
[73] SUMITOMO CHEMICAL COMPANY,
LIMITED, JP
[22] 1993-05-13
[30] JP (159275/92) 1992-06-18

[11] 2,096,833
[13] C

[51] Int.Cl. 5C07D 305/14 5C07D 263/04
5A61K 31/335 5C07D 263/52
[25] FR
[54] PROCEDE DE PREPARATION DE
DERIVES DE TAXANE, NOUVEAUX
DERIVES OBTENUS ET
COMPOSITIONS
PHARMACEUTIQUES QUI LES
CONTIENNENT
[54] METHOD FOR PREPARING
TAXANE DERIVATIVES, NOVEL
DERIVATIVES THEREBY OBTAINED
AND PHARMACEUTICAL
COMPOSITIONS CONTAINING SAME
[72] BOURZAT, JEAN-DOMINIQUE, FR
[72] COMMERCON, ALAIN, FR
[72] PARIS, JEAN-MARC, FR
[73] AVENTIS PHARMA S.A., FR
[85] 1993-05-21
[86] 1991-11-22 (PCT/FR1991/000928)
[87] (WO1992/009589)
[30] FR (90 14635) 1990-11-23
[30] FR (91 09423) 1991-07-25

[11] 2,097,197
[13] C

[51] Int.Cl. 5B09B 3/00
[25] EN
[54] PLANT FOR TREATING DRILL
CUTTINGS
[54] INSTALLATION POUR LE
TRAITEMENT DES DEBRIS DE
FORAGE
[72] SIREVAG, GUNNAR, NO
[72] SEELAND, JON-ARNE, NO
[73] PROCON ENGINEERING AS, NO
[85] 1993-05-27
[86] 1991-11-20 (PCT/NO1991/000144)
[87] (WO1992/009379)
[30] NO (905157) 1990-11-28

[11] 2,097,319
[13] C

[51] Int.Cl. 5G03B 35/04 5H04N 13/02
[25] EN
[54] SINGLE CAMERA
AUTOSTEREOSCOPIC IMAGING
SYSTEM
[54] SYSTEME D'IMAGERIE
AUTOSTEREOSCOPIQUE A CAMERA
UNIQUE
[72] PRITCHARD, ERIC K., US
[72] MAYHEW, CHRISTOPHER A., US
[73] VISION III IMAGING, INC., US
[85] 1993-05-28
[86] 1991-11-27 (PCT/US1991/008868)
[87] (WO1992/009922)
[30] US (619,512) 1990-11-29

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[11] **2,097,505**
[13] C

[51] **Int.Cl. 5A61C 17/32 5A61C 15/00 5A46B 13/04**
[25] EN
[54] **DENTIFRICE-MEDICATION DISPENSING TOOTHBRUSH**
[54] **BROSSE A DENTS DISTRIBUTRICE DE DENTIFRICE OU DE MEDICAMENT**
[72] GIULIANI, DAVID, US
[72] MARTIN, ROY W., US
[73] OPTIVA CORPORATION, US
[85] 1993-06-08
[86] 1991-12-13 (PCT/US1991/009345)
[87] (WO1992/010146)
[30] US (626,976) 1990-12-13

[11] **2,097,824**
[13] C

[51] **Int.Cl. 5C07D 233/60 5C07D 405/02 5C07D 495/04 5C07D 401/06 5C07D 409/06 5C07D 413/06 5C07D 417/06 5C07D 249/08 5A61K 31/41 5A61K 31/44 5A61K 31/495 5A61K 31/535**
[25] EN
[54] **FUNCTIONALIZED VINYL AZOLES AND THEIR USE**
[54] **AZOLES DE VINYL FONCTIONNALISEE ET LEUR UTILISATION**
[72] STREHLKE, PETER, DE
[72] BOHLMANN, ROLF, DE
[72] SCHNEIDER, MARTIN, DE
[72] NISHINO, YUKISHIGE, DE
[72] MUHN-SEIPOLDY, HANS-PETER, DE
[73] SCHERING AKTIENGESELLSCHAFT, DE
[85] 1993-06-04
[86] 1991-12-09 (PCT/EP1991/002359)
[87] (WO1992/010482)
[30] DE (P 40 39 559.6) 1990-12-07

[11] **2,098,098**
[13] C

[51] **Int.Cl. 6C07K 5/10**
[25] EN
[54] **TETRAPEPTIDES DERIVING FROM DALBAHEPTIDE ANTIBIOTICS**
[54] **TETRAPEPTIDES DERIVES D'ANTIBIOTIQUES DU GROUPE DALBAHEPTIDE**
[72] MALABARBA, ADRIANO, IT
[72] CIABATTI, ROMEO, IT
[73] BIOSEARCH ITALIA S.P.A., IT
[85] 1993-06-09
[86] 1991-11-28 (PCT/EP1991/002250)
[87] (WO1992/010517)
[30] EP (90123672.9) 1990-12-10

[11] **2,098,159**
[13] C

[51] **Int.Cl. 5C08G 65/00 5H01G 9/02 5C08G 61/12**
[25] EN
[54] **POLYMER ELECTROLYTES AND THEIR PREPARATION**
[54] **ELECTROLYTES POLYMERIQUES ET PROCEDE DE FABRICATION CONNEXE**
[72] HELMER-METZMANN, FREDDY, DE
[72] OSAN, FRANK, DE
[73] HOECHST AKTIENGESELLSCHAFT, DE
[22] 1993-06-10
[30] DE (P 42 19 077.0) 1992-06-11

[11] **2,098,584**
[13] C

[51] **Int.Cl. 5G01N 33/34 5G01N 15/14 5G01N 33/52 5G01N 21/64**
[25] EN
[54] **METHOD FOR DETERMINING RESIN PARTICLES IN PAPER STOCKS**
[54] **PROCEDE POUR DETERMINER LES QUANTITES DE PARTICULES DE RESINE DANS LA PATE DE PAPIER**
[72] HORN, DIETER, DE
[72] LUEDDECKE, ERIK, DE
[72] GIERULSKI, ALFRED, DE
[72] KROEHL, THOMAS, DE
[72] LORENCAK, PRIMOZ, DE
[73] BASF AKTIENGESELLSCHAFT, DE
[85] 1993-06-16
[86] 1991-12-09 (PCT/EP1991/002350)
[87] (WO1992/011534)
[30] DE (P 40 40 463.3) 1990-12-18

[11] **2,098,933**
[13] C

[51] **Int.Cl. 5F24F 13/14**
[25] EN
[54] **VOLUME FLOW REGULATOR FOR AIR CONDITIONING AND VENTILATION APPARATUS**
[54] **REGULATEUR DE DEBIT POUR APPAREILS DE CONDITIONNEMENT D'AIR ET DE VENTILATION**
[72] BAUMEISTER, GREGOR, DE
[72] SADKOWSKI, MANFRED, DE
[73] GEBRUDER TROX, GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[22] 1993-06-22
[30] DE (G 92 08 345.5) 1992-06-23

[11] **2,099,044**
[13] C

[51] **Int.Cl. 5E06B 1/02**
[25] EN
[54] **PLASTIC BUILDING WALL MOUNT ASSEMBLY**
[54] **ENSEMBLE DE FIXATION MURALE EN PLASTIQUE**
[72] CHUBB, NORMAN L., US
[72] MACLEOD, RICHARD J., US
[72] SCHIEDEGGER, CHARLES E., US
[73] MID-AMERICA BUILDING PRODUCTS CORPORATION, US
[22] 1993-06-23
[30] US (07/904,384) 1992-06-25

[11] **2,099,201**
[13] C

[51] **Int.Cl. 5A44C 7/00 5A44C 27/00**
[25] EN
[54] **BALL EARRING PROCESS AND CONSTRUCTION**
[54] **AGENCEMENT DE BOUCLE D'OREILLE A TIGE AVEC BOULE ET PROCEDE CORRESPONDANT**
[72] LEACH, EDWIN F., II, US
[73] LEACH & GARNER COMPANY, US
[22] 1993-06-25
[30] US (07/912,156) 1992-07-10

[11] **2,099,733**
[13] C

[51] **Int.Cl. 5H01H 83/20**
[25] EN
[54] **OVERCURRENT PROTECTION DEVICE**
[54] **DISPOSITIF DE PROTECTION CONTRE LES SURINTENSITES**
[72] LAGREE, JAMES LEO, US
[72] WARGO, HARRY WILLIAM, US
[72] TOMEO, ANTHONY, US
[72] ENGEL, JOSEPH CHARLES, US
[73] EATON CORPORATION, US
[22] 1993-06-29
[30] US (907131) 1992-06-30

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[11] 2,100,050
[13] C

[51] Int.Cl. 5H05B 3/84
[25] EN
[54] REARVIEW MIRROR WITH
HEATER FOR DEFROSTING AND
DEFOGGING
[54] RETROVISEUR AVEC ELEMENT
CHAUFFANT POUR DESEMBUER ET
DEGIVRER
[72] KADOOKA, HUMBERTO TAKASHI,
BR
[72] MORENO, RICARDO PROVEDA, BR
[72] DA COSTA, OLAVO NUNES, BR
[73] METAGAL INDUSTRIA E
COMERCIO LTDA., BR
[22] 1993-07-07

[11] 2,100,051
[13] C

[51] Int.Cl. 5H05B 3/54
[25] EN
[54] IMPROVEMENT IN A METHOD OF
MAKING A SELF-CONTROLLED
HEATER AND AN IMPROVED SELF-
CONTROLLED HEATER
[54] AMELIORATION DANS LA
METHODE DE FABRICATION D'UN
APPAREIL DE CHAUFFAGE
AUTONOME APPAREIL DE
CHAUFFAGE AUTONOME AMELIORE
[72] KADOOKA, HUMBERTO TAKASHI,
BR
[72] MORENO, RICARDO PROVEDA, BR
[72] DA COSTA, OLAVO NUNES, BR
[73] METAGAL INDUSTRIA E
COMERCIO LTDA., BR
[22] 1993-07-07

[11] 2,101,423
[13] C

[51] Int.Cl. 5C07C 235/56 5C07D 275/03
5A61K 31/165 5C07D 241/20 5C07C 317/
32 5A61K 31/395 5C07C 323/42 5C07D
239/42 5C07C 211/46 5C07C 327/48
5C07C 255/60 5C07D 213/75
[25] EN
[54] BENZAMIDES
[54] BENZAMIDES
[72] ASHTON, MICHAEL JOHN, GB
[72] COOK, DAVID CHARLES, GB
[72] HILLS, SUSAN JACQUELINE, GB
[72] MCFARLANE, IAN MICHAEL, GB
[72] PALFREYMAN, MALCOLM
NORMAN, GB
[72] RATCLIFFE, ANDREW JAMES, GB
[72] VICKER, NIGEL, GB
[72] FENTON, GARRY, GB
[73] AVENTIS PHARMA LIMITED, GB
[85] 1993-07-27
[86] 1992-01-28 (PCT/GB1992/000153)
[87] (WO1992/012961)
[30] GB (9101777.2) 1991-01-28
[30] GB (9117727.9) 1991-08-16

[11] 2,103,718
[13] C

[51] Int.Cl. 5C09B 35/10 5C09D 11/10
5C09B 67/22
[25] EN
[54] DIARYLIDE PIGMENT
COMPOSITION
[54] COMPOSITION DE PIGMENT A
BASE DE DIARYLIDE
[72] SCHWARTZ, RUSSELL J., US
[72] ZWIRGZDAS, ANTHONY C., US
[72] CHAMBERLAIN, TERENCE R., US
[73] SUN CHEMICAL CORPORATION,
US
[85] 1993-08-09
[86] 1992-01-29 (PCT/US1992/000773)
[87] (WO1992/013922)
[30] US (654,162) 1991-02-12
[30] US (720,310) 1991-06-25

[11] 2,103,829
[13] C

[51] Int.Cl. 6C07K 17/08 6A61K 38/21
5C08G 65/48 5A61K 47/48 6C07K 14/56
5C07D 213/64 5C07C 69/96
[25] EN
[54] PEG-INTERFERON CONJUGATES
[54] CONJUGUES PEG-INTERFERON
[72] KARASIEWICZ, ROBERT, US
[72] NALIN, CARLO, US
[72] ROSEN, PERRY, US
[73] F. HOFFMANN-LA ROCHE AG, CH
[22] 1993-08-11
[30] US (07/935,770) 1992-08-26

[11] 2,104,416
[13] C

[51] Int.Cl. 5E06B 9/08
[25] EN
[54] FLEXIBLE PARTITION
[54] CLOISON FLEXIBLE
[72] HAMILTON, ROY STANLEY, CA
[73] HAMILTON, ROY STANLEY, CA
[22] 1993-08-19
[30] US (08/066,500) 1993-05-24

[11] 2,105,084
[13] C

[51] Int.Cl. 5F15B 1/047
[25] EN
[54] MEMBRANE ACCUMULATOR
WITH SECURING RING
[54] ACCUMULATEUR A MEMBRANE
MUNI D'UN ANNEAU DE FIXATION
[72] WEBER, NORBERT, DE
[73] HYDAC TECHNOLOGY GMBH, DE
[85] 1993-08-27
[86] 1992-07-23 (PCT/EP1992/001679)
[87] (WO1993/006374)
[30] DE (P 41 31 524.3) 1991-09-21

[11] 2,105,111
[13] C

[51] Int.Cl. 5G09G 3/22
[25] EN
[54] METHOD OF DRIVING
INDICATOR TUBE
[54] METHODE UTILISEE POUR
EXCITER UN TUBE D'AFFICHAGE
[72] AMANO, YOSHIFUMI, JP
[73] TECHNOLOGY TRADE AND
TRANSFER CORPORATION, JP
[73] SANKYO CO., LTD., JP
[22] 1993-08-30
[30] JP (300266/1992) 1992-09-29

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[11] **2,107,732**
[13] C

[51] **Int.Cl. 5C12N 15/49 5C07H 21/00 5C12N 7/01 6C07K 7/06 6C07K 7/08 6C07K 14/155 5A61K 39/21 5G01N 33/569**
[25] EN
[54] **RETROVIRUS FROM THE HIV GROUP AND ITS USE**
[54] **RETROVIRUS DU GROUPE VIH ET SON UTILISATION**
[72] GURTLER, LUTZ G., DE
[72] EBERLE, JOSEF, DE
[72] BRUNN, ALBRECHT V., DE
[72] KNAPP, STEFAN, DE
[72] HAUSER, HANS-PETER, DE
[73] DADE BEHRING MARBURG GMBH, DE
[22] 1993-10-05
[30] DE (P 42 33 646.5) 1992-10-06
[30] DE (P 42 35 718.7) 1992-10-22
[30] DE (P 42 44 541.8) 1992-12-30
[30] DE (P 43 18 186.4) 1993-06-01

[11] **2,108,054**
[13] C

[51] **Int.Cl. 5G08C 23/00**
[25] EN
[54] **AUDIO-VISUAL CONTROL APPARATUS FOR DETERMINING A CONNECTION OF APPLIANCES AND CONTROLLING FUNCTIONS OF APPLIANCES**
[54] **DISPOSITIF DE COMMANDE AUDIO-VISUEL AFIN DE DETERMINER LA CONNEXION AUX APPAREILS ET DES COMMANDES DE FONCTIONS DES APPAREILS**
[72] TANAKA, SHIGEO, JP
[73] SONY CORPORATION, JP
[22] 1993-10-08
[30] JP (P04-300391) 1992-10-13

[11] **2,109,184**
[13] C

[51] **Int.Cl. 5B22D 11/04 5B22D 11/16**
[25] FR
[54] **PROCEDE D'INJECTION AUTOMATISEE DE GAZ DANS UNE INSTALLATION MULTICOULEE DE METAUX EQUIPEE DE LINGOTIERES A REHAUSSE**
[54] **PROCESS FOR AUTOMATED GAS INJECTION IN A METAL MULTI-POURING INSTALLATION EQUIPPED WITH FEEDER BUSH INGOT MOULDS**
[72] JOUET-PASTRE, LAURENT, FR
[73] ALUMINIUM PECHINEY, FR
[22] 1993-10-21
[30] FR (92 14 277) 1992-11-23

[11] **2,109,193**
[13] C

[51] **Int.Cl. 5C12N 15/12 5C12N 5/10 5G01N 33/566 6C07K 14/705 5C12N 15/85**
[25] EN
[54] **GABA-A RECEPTOR SUBUNITS (.ALPHA.-2,.ALPHA.-3,.ALPHA.-5,.ALPHA.-6,.BETA.-2) AND TRANSFECTED CELLS EXPRESSING THEM**
[54] **SOUS-UNITES (.ALPHA.-2,.ALPHA.-3,.ALPHA.-5,.ALPHA.-6,.BETA.-2) DU RECEPTEUR A GABA-A ET CELLULES TRANSFECTEES LES EXPRIMANT**
[72] HADINGHAM, KAREN L., GB
[72] LE BOURDELLES, BEATRICE, GB
[72] WHITING, PAUL J., GB
[72] WINGROVE, PETER B., GB
[73] MERCK SHARP & DOHME LIMITED, GB
[85] 1993-10-25
[86] 1992-06-09 (PCT/GB1992/001031)
[87] (WO1992/022652)
[30] GB (9112504.7) 1991-06-11

[11] **2,109,397**
[13] C

[51] **Int.Cl. 5B22D 11/12 5B21B 5/00**
[25] EN
[54] **METHOD OF AND APPARATUS FOR MANUFACTURING HOT ROLLED STEEL STRIPS, IN PARTICULAR FROM STRIP-SHAPED CONTINUOUSLY CAST PRIMARY MATERIAL**
[54] **APPAREIL SERVANT A PRODUIRE DES BANDES D'ACIER LAMINE A CHAUD, PARTICULIEREMENT A PARTIR DE BRAMES COULEES EN CONTINU, ET METHODE CONNEXE**
[72] BALD, WILFRIED, DE
[72] ROSENTHAL, DIETER, DE
[73] SMS SCHLOEMANN-SIEMAG AKTIENGESELLSCHAFT, DE
[22] 1993-10-27
[30] DE (P 42 36 307.1) 1992-10-28

[11] **2,109,421**
[13] C

[51] **Int.Cl. 5E02D 5/04 5E02D 7/14**
[25] EN
[54] **IMPROVEMENTS TO BUILDING CONSTRUCTION METHODS AND MATERIALS**
[54] **MATERIAUX AMELIORES POUR LA CONSTRUCTION DE BATIMENTS ET METHODES CONNEXES**
[72] YEATES, JOHN ASHLEY, SG
[72] COLSON, MILTON MILES, SG
[72] YEATES, JOHN ASHLEY, SG
[73] SUBTERRANEAN SYSTEMS PTE. LTD., SG
[73] YEATES, JOHN ASHLEY, SG
[85] 1993-10-27
[86] 1992-04-29 (PCT/AU1992/000191)
[87] (WO1992/019819)
[30] AU (PK 5855) 1991-04-29

[11] **2,109,830**
[13] C

[51] **Int.Cl. 6C07K 7/23 6A61K 38/09**
[25] EN
[54] **LHRH ANTAGONISTS AND INTERMEDIATE PRODUCTS**
[54] **ANTAGONISTES DE LHRH ET PRODUITS INTERMEDIAIRES**
[72] THAMM, PAUL, DE
[72] LOBBIA, ALESSANDRO, DE
[72] BRUMBY, THOMAS, DE
[72] MULZER, JOHANN, DE
[72] SCHRODER, FRIDTJOF, DE
[72] HABENICHT, URSULA, DE
[73] SCHERING AKTIENGESELLSCHAFT, DE
[85] 1993-11-23
[86] 1992-05-22 (PCT/DE1992/000427)
[87] (WO1992/020711)
[30] DE (P 41 17 507.7) 1991-05-24

[11] **2,110,583**
[13] C

[51] **Int.Cl. 5C07C 205/44 5C07C 201/12**
[25] EN
[54] **METHOD FOR THE PREPARATION OF 3,4-DIHYDROXY-5-NITROBENZALDEHYDE**
[54] **METHODE DE PREPARATION DE 3,4-DIHYDROXY-5-NITROBENZALDEHYDE**
[72] HONKANEN, ERKKI, FI
[72] LINDHOLM, STIG, FI
[73] ORION-YHTYMA OY, FI
[85] 1993-12-02
[86] 1992-06-18 (PCT/FI1992/000192)
[87] (WO1993/000323)
[30] GB (9113431.2) 1991-06-20

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[11] **2,111,319**
[13] C

[51] **Int.Cl. 5C07D 305/14**
[25] FR
[54] **PROCEDE DE PREPARATION DE DERIVES DE LA BACCATINE III ET DE LA DESACETYL-10 BACCATINE III**
[54] **PROCESS FOR THE PREPARATION OF BACCATIN III AND DEACETYL-10 BACCATIN III DERIVATIVES**
[72] HITTINGER, AUGUSTIN, FR
[73] AVENTIS PHARMA S.A., FR
[85] 1993-12-13
[86] 1992-07-08 (PCT/FR1992/000649)
[87] (WO1993/001179)
[30] FR (91 08673) 1991-07-10

[11] **2,111,677**
[13] C

[51] **Int.Cl. 5B65B 11/04 5B65B 41/12**
[25] EN
[54] **A METHOD FOR WRAPPING A ROLL, PARTICULARLY A PAPER ROLL, IN AN ELASTIC MATERIAL SUCH AS A PAPER WEB OR PLASTIC FILM**
[54] **METHODE D'EMBALLAGE DE ROULEAUX, PARTICULIEREMENT LES ROULEAUX DE PAPIER, DANS UN MATERIAU ELASTIQUE TEL QU'UNE BANDE CONTINUE DE PAPIER OU UNE PELLICULE DE PLASTIQUE**
[72] ITKONEN, ISMO, FI
[73] SAIMATEC ENGINEERING OY, FI
[85] 1993-12-16
[86] 1993-05-25 (PCT/FI1993/000223)
[87] (WO1993/025438)
[30] FI (922869) 1992-06-18

[11] **2,112,165**
[13] C

[51] **Int.Cl. 5C07D 471/04 5C07D 519/00 5C07D 487/04 5C07D 498/04 5C07D 513/04 5A61K 31/435 5A61K 31/535 5A61K 31/54**
[25] EN
[54] **BICYCLIC AMINE DERIVATIVES**
[54] **DERIVES AMINE BICYCLIQUES**
[72] TAKEMURA, MAKOTO, JP
[72] KIMURA, YOUICHI, JP
[72] MATSUHASHI, NORIKAZU, JP
[73] DAIICHI PHARMACEUTICAL CO., LTD., JP
[22] 1993-12-22
[30] JP (Hei. 4-346030) 1992-12-25

[11] **2,112,243**
[13] C

[51] **Int.Cl. 5C09J 5/06 5B24D 13/00 5C09J 7/02**
[25] EN
[54] **MICROWAVEABLE ADHESIVE ARTICLE AND METHOD OF USE**
[54] **ARTICLE ADHESIF POUR MICRO-ONDE ET METHODE D'UTILISATION CONNEXE**
[72] ROEKER, DAVID C., US
[72] SLAMA, DAVID F., US
[72] SHEFFIELD, WILLIAM F., US
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 1993-12-22
[86] 1992-07-02 (PCT/US1992/005604)
[87] (WO1993/001247)
[30] US (07/725,188) 1991-07-03

[11] **2,114,151**
[13] C

[51] **Int.Cl. 5B65B 3/02 5B65B 7/28**
[25] EN
[54] **FILLING AND CLOSING A TWO-CHAMBER PLASTIC CONTAINER**
[54] **METHODE ET APPAREIL DE REMPLISSAGE-FERMETURE DE CONTENANTS EN PLASTIQUE A DEUX COMPARTIMENTS**
[72] SCHRODER, KLAUS, DE
[73] GEA FINNAH GMBH, DE
[22] 1994-01-25
[30] DE (P 43 04 337.2) 1993-02-13

[11] **2,115,406**
[13] C

[51] **Int.Cl. 5F24C 7/02**
[25] EN
[54] **AUTOMATIC THAWING DEVICE OF MICROWAVE OVEN AND CONTROL METHOD THEREOF**
[54] **DISPOSITIF DE DECONGELATION AUTOMATIQUE POUR FOUR MICRO-ONDES ET METHODE DE COMMANDE CORRESPONDANTE**
[72] KIM, SEOG TAE, KR
[72] GONG, CHUN SIG, KR
[72] CHAI, EUN SIK, KR
[73] GOLDSTAR CO., LTD., KR
[22] 1994-02-10
[30] KR (4226/1993) 1993-03-19
[30] KR (15287/1993) 1993-08-06

[11] **2,115,673**
[13] C

[51] **Int.Cl. 5C09J 7/02**
[25] EN
[54] **PATTERNED PRESSURE SENSITIVE ADHESIVE TRANSFER TAPE**
[54] **BANDE DE TRANSFERT DE PRODUIT ADHESIF A MOTIF ET SENSIBLE A LA PRESSION**
[72] CALHOUN, CLYDE D., US
[72] KOSKENMAKI, DAVID C., US
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 1994-02-14
[86] 1992-07-31 (PCT/US1992/006448)
[87] (WO1993/005123)
[30] US (07/758,744) 1991-09-12

[11] **2,118,048**
[13] C

[51] **Int.Cl. 5C12Q 1/68**
[25] EN
[54] **MULTIPLEX AMPLIFICATION OF SHORT TANDEM REPEAT LOCI**
[54] **AMPLIFICATION MULTIPLEX DE LOCUS DE SEQUENCES COURTES REPETEES EN TANDEM**
[72] SCHUMM, JAMES W., US
[72] SPRECHER, CYNTHIA J., US
[72] LINS, ANN M., US
[73] PROMEGA CORPORATION, US
[22] 1994-10-13
[30] US (316,554) 1994-09-30
[30] US (316,544) 1994-09-30

[11] **2,119,573**
[13] C

[51] **Int.Cl. 5A61K 7/13**
[25] EN
[54] **PROCESS AND KIT FOR DYEING HAIR**
[54] **METHODE ET TROUSSE DE COLORATION CAPILLAIRE**
[72] PROTA, GUISEPPE, IT
[72] WOLFRAM, LESZEK J., US
[72] WENKE, GOTTFREID, US
[73] CLAIROL INCORPORATED, US
[85] 1994-03-21
[86] 1992-09-17 (PCT/US1992/007880)
[87] (WO1993/005759)
[30] US (766,606) 1991-09-26
[30] US (909,371) 1992-07-13
[30] US (923,078) 1992-07-31

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[11] **2,120,736**
[13] C

[51] **Int.Cl. 5D01F 4/00 5A61L 27/00 5A61L 15/32**
[25] EN
[54] **COLLAGEN CONSTRUCTS**
[54] **PRODUCTION DE FIBRES DE COLLAGENE**
[72] KEMP, PAUL D., US
[72] CARR, ROBERT M., JR., US
[72] MARESH, JOHN G., US
[72] CAVALLARO, JOHN, US
[72] GROSS, JEROME, US
[73] ORGANOGENESIS, INC., US
[85] 1994-04-06
[86] 1992-10-07 (PCT/US1992/008520)
[87] (WO1993/006791)
[30] US (772,529) 1991-10-07

[11] **2,122,420**
[13] C

[51] **Int.Cl. 5H01B 7/08**
[25] EN
[54] **CATEGORY 5**
TELECOMMUNICATION CABLE
[54] **CABLE DE**
TELECOMMUNICATION DE
CATEGORIE 5
[72] MCNEILL, DAVID BRIAN, US
[72] KILPATRICK, JERRY BLANTON, US
[73] WHITAKER CORPORATION (THE), US
[22] 1994-04-28
[30] US (08/082,340) 1993-06-24

[11] **2,123,548**
[13] C

[51] **Int.Cl. 5C07D 403/00 5C07D 401/00 5C07D 405/00 5C07D 295/04 5C07D 491/048 5C07D 409/06 5C07D 413/14 5C07D 417/14**
[25] EN
[54] **PIPERAZINE DERIVATIVES**
[54] **DERIVES DE LA PIPERAZINE**
[72] YAMAMOTO, KENJIRO, JP
[72] HASEGAWA, ATSUSHI, JP
[72] KUBOTA, HIDEKI, JP
[72] YAMAGUCHI, HITOSHI, JP
[72] ANDO, MASAHIRO, JP
[73] DAIICHI PHARMACEUTICAL CO., LTD., JP
[22] 1994-05-13
[30] JP (Hei. 5-112771) 1993-05-14

[11] **2,124,426**
[13] C

[51] **Int.Cl. 5A61K 6/083 5A61C 13/087**
[25] EN
[54] **DENTAL COMPOSITION, PROSTHESES, AND METHOD FOR MAKING DENTAL PROSTHESES**
[54] **COMPOSITION DENTAIRE, PROTHESES ET METHODE DE FABRICATION DE PROTHESES DENTAIRES**
[72] TATEOSIAN, LOUIS H., US
[72] SHAFFER, SCOTT E., US
[72] LATTA, MARK A., US
[73] DENTSPLY INTERNATIONAL INC., US
[22] 1994-05-26
[30] US (08/081,940) 1993-06-23
[30] US (08/240,857) 1994-05-16

[11] **2,124,608**
[13] C

[51] **Int.Cl. 5B60C 11/06**
[25] EN
[54] **RADIAL PNEUMATIC LIGHT TRUCK OR AUTOMOBILE TIRE**
[54] **PNEU RADIAL POUR CAMIONNETTES ET AUTOMOBILES**
[72] BROWN, STEPHANIE CAROL, US
[72] GILLIAM, DONALD WOODROW, US
[72] HOANG, ANDY NGOC, US
[72] KOLOWSKI, MICHAEL ALOIS, US
[72] MILLER, FREDERICK WILLIAM, US
[72] SCARPITTI, ANTHONY JOHN, US
[72] TRARES, KEITH CARL, US
[73] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 1994-05-30
[30] US (08/228,056) 1994-04-15

[11] **2,124,830**
[13] C

[51] **Int.Cl. 5H04Q 3/64**
[25] EN
[54] **EXTERNALLY CONTROLLED CALL PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT D'APPELS COMMANDE DE L'EXTERIEUR**
[72] ANDREWS, G. WAYNE, US
[72] FRIED, JEFFREY A., US
[72] GECHTER, JERRY, US
[72] POKRESS, ROBERT L., US
[73] TELOQUENT COMMUNICATIONS CORPORATION, US
[85] 1994-05-31
[86] 1992-11-18 (PCT/US1992/010084)
[87] (WO1993/012594)
[30] US (809,346) 1991-12-18

[11] **2,125,186**
[13] C

[51] **Int.Cl. 5F16F 13/00**
[25] EN
[54] **ELASTO-HYDRAULIC VIBRATION ISOLATOR**
[54] **AMORTISSEUR DE VIBRATION ELASTO-HYDRAULIQUE**
[72] SMITH, GARY T., US
[72] BANKS, EDWIN L., US
[73] APPLIED POWER INC., US
[85] 1994-06-03
[86] 1993-01-19 (PCT/US1993/000206)
[87] (WO1993/015334)
[30] US (07/826,712) 1992-01-28

[11] **2,125,691**
[13] C

[51] **Int.Cl. 5A61K 7/06**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR REMOVING MINERALS FROM HAIR**
[54] **METHODES ET COMPOSITIONS PERMETTANT DE DEBARASSER LES CHEVEUX DES MINERAUX**
[72] AULT, FREDERICK K., US
[73] VITACHLOR CORPORATION, US
[85] 1994-06-03
[86] 1992-12-11 (PCT/US1992/010769)
[87] (WO1993/011737)
[30] US (07/807,086) 1991-12-13

[11] **2,127,470**
[13] C

[51] **Int.Cl. 5C12Q 1/68 6C07K 16/12 5G01N 33/569**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DIAGNOSING CAT SCRATCH DISEASE AND BACILLARY ANGIOMATOSIS**
[54] **METHODES ET COMPOSITIONS POUR LE DIAGNOSTIC DE LA MALADIE DES GRIFFES DE CHAT ET DE L'ANGIOMATOSE BACILLAIRE**
[72] REGNERY, RUSSELL L., US
[72] ANDERSON, BURT E., US
[73] UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 1994-07-05
[86] 1993-01-15 (PCT/US1993/000387)
[87] (WO1993/014406)
[30] US (07/822,539) 1992-01-17

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[11] 2,128,615
[13] C

[51] **Int.Cl. 5G01S 13/02 5A63B 69/36**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING PARAMETERS OF THE MOTION OF AN OBJECT**
[54] **METHODE ET APPAREIL SERVANT A DETERMINER LES PARAMETRES DE DEPLACEMENT D'UN OBJET**
[72] ECCHER, DANIEL JOSEPH, US
[72] THOME, JAMES PATRICK, US
[72] BASINGER, DAVID LEE, US
[73] THE DISTANCECADDY COMPANY, LLC, US
[85] 1994-07-21
[86] 1993-01-22 (PCT/US1993/000570)
[87] (WO1993/015414)
[30] US (823,849) 1992-01-22

[11] 2,130,218
[13] C

[51] **Int.Cl. 5G10L 9/18**
[25] EN
[54] **DATA COMPRESSION FOR SPEECH RECOGNITION**
[54] **COMPRESSION DE DONNEES POUR LA RECONNAISSANCE VOCALE**
[72] HUANG, XUEDONG, US
[72] ZHANG, SHENZHI, US
[73] MICROSOFT CORPORATION, US
[22] 1994-08-16
[30] US (08/116,900) 1993-09-03

[11] 2,131,850
[13] C

[51] **Int.Cl. 5B23H 9/10 5B25B 11/00 5B25B 5/14**
[25] EN
[54] **DEVICE FOR CLAMPING A PART TO BE WORKED AND APPLICATION TO THE MACHINING OF A TURBINE ENGINE BLADE BY ELECTROCHEMISTRY**
[54] **DISPOSITIF DE SERRAGE POUR PIECES A USINER ET UTILISATION POUR L'USINAGE ELECTROCHIMIQUE DES AUBES DE TURBINE**
[72] ARNAU, JEAN-PHILIPPE, FR
[73] SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "SNEC MA", FR
[22] 1994-09-12
[30] FR (93 11024) 1993-09-16

[11] 2,133,304
[13] C

[51] **Int.Cl. 5H01R 17/12**
[25] EN
[54] **MINIATURE COAX JACK MODULE**
[54] **FICHE COAXIALE MINIATURE MODULAIRE**
[72] BURROUGHS, DENNIS M., US
[73] ADC TELECOMMUNICATIONS, INC., US
[85] 1994-09-29
[86] 1992-07-14 (PCT/US1992/005880)
[87] (WO1993/020600)
[30] US (859,272) 1992-04-02

[11] 2,134,562
[13] C

[51] **Int.Cl. 5A61M 15/00**
[25] EN
[54] **DOSAGE INHALATOR WITH INDICATING/INTERRUPTING MEANS**
[54] **INHALATEUR A DOSES FIXES AVEC DISPOSITIF D'INTERRUPTION/D'INDICATION**
[72] TROFAST, EVA ANN-CHRISTIN, SE
[72] WETTERLIN, KJELL INGVAR LEOPOLD, SE
[72] VIRTANEN, RISTO, FI
[73] AKTIEBOLAGET ASTRA, SE
[85] 1994-10-27
[86] 1993-05-04 (PCT/SE1993/000389)
[87] (WO1993/021980)
[30] SE (9201411-7) 1992-05-05

[11] 2,137,792
[13] C

[51] **Int.Cl. 5C01B 3/56 5B01D 53/04**
[25] EN
[54] **PROCESS FOR THE REMOVAL OF GASEOUS IMPURITIES FROM A STREAM OF HYDROGEN**
[54] **METHODE POUR L'ELIMINATION D'IMPURETES GAZEUSES DANS UN CIRCUIT D'HYDROGENE**
[72] SUCCI, MARCO, IT
[72] D'ARCY, LORIMER, US
[73] SAES GETTERS S.P.A., IT
[85] 1994-12-09
[86] 1993-05-24 (PCT/IT1993/000052)
[87] (WO1994/025394)
[30] IT (MI93A000850) 1993-04-29

[11] 2,141,239
[13] C

[51] **Int.Cl. 6B60C 27/06 6B60C 27/20**
[25] EN
[54] **TRACK DEVICE HAVING WHEEL WIDENING EFFECT**
[54] **CHENILLE POUR PNEUMATIQUE**
[72] COLLARD, BRUNO, CA
[73] SCP 89 INC., CA
[22] 1995-01-27

[11] 2,145,014
[13] C

[51] **Int.Cl. 6C07C 11/04 6C07C 7/144**
[25] EN
[54] **OLEFIN RECOVERY PROCESS**
[54] **PROCEDE POUR LA RECUPERATION DES OLEFINES**
[72] DINH, CONG X., US
[72] PETTERSON, WILLIAM C., US
[72] RASTOGI, ASHUTOSH, IN
[72] VERMA, VIJENDER K., US
[73] THE M.W. KELLOGG COMPANY, US
[22] 1995-03-20
[30] US (222,205) 1994-04-01

[11] 2,145,752
[13] C

[51] **Int.Cl. 6B65D 71/06 6B65D 57/00**
[25] EN
[54] **BOTTLE PACKAGE**
[54] **BOUTEILLE**
[72] AIKIO, VEIJO, FI
[73] OY HARTWALL AB, FI
[85] 1995-03-28
[86] 1993-09-29 (PCT/NO1993/000141)
[87] (WO1994/007758)
[30] FI (924377) 1992-09-29

[11] 2,147,765
[13] C

[51] **Int.Cl. 6H04B 7/08 6H04Q 7/22**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR ANTENNA SELECTION CONTROL IN A RADIO RECEIVER**
[54] **METHODE ET DISPOSITIF DE SELECTION D'ANTENNE POUR RECEPTEUR RADIO**
[72] EUSCHER, CHRISTOPH, DE
[72] PILLEKAMP, KLAUS-DIETER, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 1995-04-24
[86] 1993-10-12 (PCT/EP1993/002807)
[87] (WO1994/010764)
[30] EP (92118259.8) 1992-10-26

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[11] **2,148,463**
[13] C

[51] **Int.Cl. 6C10M 169/04 6C10M 105/18**
[25] EN
[54] **HYDROCARBYL ETHERS OF SULFUR-CONTAINING HYDROXYL DERIVED AROMATICS AS SYNTHETIC LUBRICANT BASE STOCKS**
[54] **ETHERS ALKYLIIQUES D'AROMATIQUES SULFURES HYDROXYLES, MATIERES DE BASE POUR LUBRIFIANTS SYNTHETIQUES**
[72] HORODYSKY, ANDREW GENE, US
[72] JENG, ANDREW, US
[72] KREMER, ROSS ALLEN, US
[72] WEI, LIWEN, US
[73] MOBIL OIL CORPORATION, US
[85] 1995-05-02
[86] 1993-12-10 (PCT/US1993/012014)
[87] (WO1994/014931)
[30] US (07/992,671) 1992-12-18

[11] **2,149,045**
[13] C

[51] **Int.Cl. 6C08F 4/656**
[25] EN
[54] **CATALYST COMPOSITION FOR USE IN THE PRODUCTION OF LLDPE RESIN PRODUCTS**
[54] **COMPOSITION CATALYTIQUE POUR LA PRODUCTION DE RESINES DE LLDPE**
[72] KISSIN, YURI VIKTOROVICH, US
[72] MINK, ROBERT I., US
[72] NOWLIN, THOMAS EDWARD, US
[73] MOBIL OIL CORPORATION, US
[85] 1995-05-10
[86] 1993-11-19 (PCT/US1993/011277)
[87] (WO1994/012542)
[30] US (07/979,694) 1992-11-20

[11] **2,151,286**
[13] C

[51] **Int.Cl. 6H04R 9/00**
[25] EN
[54] **APPARATUS FOR CONVERTING VIBRATORY MOTION TO ELECTRICAL ENERGY**
[54] **APPAREIL SERVANT A CONVERTIR UN MOUVEMENT VIBRATOIRE EN ENERGIE ELECTRIQUE**
[72] TIEMANN, JEROME JOHNSON, US
[73] GENERAL ELECTRIC COMPANY, US
[22] 1995-06-08
[30] US (08/258,869) 1994-06-13

[11] **2,152,570**
[13] C

[51] **Int.Cl. 6E04H 4/14 6B67D 3/00 6C02F 1/50**
[25] EN
[54] **FLOATING ADJUSTABLE POOL CHLORINATOR**
[54] **CHLORATEUR DE PISCINE FLOTTANT A DEBIT REGLABLE**
[72] PRICE, KENNETH E., US
[72] SCHUMAN, MICHAEL L., US
[73] RAINBOW LIFEGARD PRODUCTS, INC., US
[22] 1995-06-23
[30] US (08/324,891) 1994-10-18

[11] **2,154,949**
[13] C

[51] **Int.Cl. 6H04N 5/765**
[25] EN
[54] **METHOD OF SELECTING INPUT APPARATUS**
[54] **METHODE DE SELECTION D'ENTREE**
[72] IJIMA, YUKO, JP
[72] KAWAMURA, HARUMI, JP
[72] SATO, MAKOTO, JP
[73] SONY CORPORATION, JP
[22] 1995-07-28
[30] JP (P06-200183) 1994-08-02

[11] **2,154,950**
[13] C

[51] **Int.Cl. 6E21B 43/27**
[25] EN
[54] **BORATE CROSSLINKED FRACTURING FLUID AND METHOD**
[54] **NOUVELLES COMPOSITION ET METHODE DE FRACTURATION**
[72] NIMERICK, KENNETH, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[22] 1995-07-28
[30] US (08/283,129) 1994-07-29

[11] **2,156,595**
[13] C

[51] **Int.Cl. 6D04H 11/00 6D05C 15/00**
[25] EN
[54] **METHOD AND APPARATUS FOR MAKING A PILE ARTICLE AND THE PRODUCTS THEREOF**
[54] **PIECES A VELOURS, METHODE ET APPAREIL DE FABRICATION CONNEXE, ET PRODUIT OBTENU PAR LA REUNION DE TELLES PIECES**
[72] EDWARDS, DONALD WILLIAM, US
[72] ODLE, JAMES KENTON, US
[72] POPPER, PETER, US
[72] SADLER, DONALD MONTGOMERY, US
[72] SAVIDGE, TODD JAMES, US
[72] WALKER, WILLIAM CHARLES, US
[72] YNGVE, PAUL WESLEY, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 1995-08-21
[86] 1994-02-16 (PCT/US1994/001477)
[87] (WO1994/019521)
[30] US (08/017,162) 1993-02-22

[11] **2,157,399**
[13] C

[51] **Int.Cl. 6C08F 10/06 6C08F 2/00 6C08F 297/06 6C08F 4/60**
[25] EN
[54] **PROCESS FOR PREPARING PROPYLENE POLYMER COMPOSITION AND PROPYLENE POLYMER COMPOSITION**
[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION DE POLYMERE DE PROPYLENE ET COMPOSITION DE POLYMERE PROPYLENE**
[72] UEDA, TAKASHI, JP
[72] HASHIMOTO, MIKIO, JP
[72] KAWASAKI, MASAOKI, JP
[72] FUKUOKA, DAISUKE, JP
[72] IMUTA, JUNICHI, JP
[73] MITSUI CHEMICALS INC., JP
[85] 1995-08-31
[86] 1995-04-11 (PCT/JP1995/000708)
[87] (WO1995/027741)
[30] JP (72297/1994) 1994-04-11
[30] JP (72308/1994) 1994-04-11

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[11] 2,158,284
[13] C

[51] Int.Cl. 6B31D 1/02
[25] EN
[54] FORM WITH SELECTIVELY
SPACED APPLIANCE LABELS
[54] FORME POUR L'INSCRIPTION
SELECTIVE DES ETIQUETTES
DEVANT SERVIR DE PLAQUE
SIGNALETIQUE APOSEE SUR DES
ELECTROMENAGERS
[72] KORONDI, JOSEPH, JR., US
[73] THE STANDARD REGISTER
COMPANY, US
[22] 1995-09-13
[30] US (526,756) 1995-09-11

[11] 2,159,785
[13] C

[51] Int.Cl. 6C07D 333/54 6B01D 11/04
6C10G 21/12 6C07D 333/76
[25] EN
[54] PROCESS FOR RECOVERING
ORGANIC SULFUR COMPOUNDS
FROM FUEL OIL AND EQUIPMENT
THEREFOR
[54] PROCEDE DE RECUPERATION DE
COMPOSES ORGANIQUES SOUFFRES
CONTENUS DANS LE MAZOUT ET
EQUIPEMENT CONNEXE
[72] AIDA, TETSUO, JP
[72] FUNAKOSHI, IZUMI, JP
[72] FUNAKOSHI, IZUMI, JP
[73] FUNAKOSHI, IZUMI, JP
[22] 1995-10-03
[30] JP (301607/1994) 1994-11-11
[30] JP (301608/1994) 1994-11-11

[11] 2,160,603
[13] C

[51] Int.Cl. 6C12N 15/12 6A61K 48/00
6A61K 38/17 6C07K 16/30 6G01N 33/566
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6A61K 31/70 6C07K 14/705
[25] EN
[54] SEQUENCE OF THE
HYALURONAN RECEPTOR GENE
[54] SEQUENCE DU GENE DU
RECEPTEUR DE L'HYALURONANE
[72] TURLEY, EVA A., CA
[72] ZHANG, SHIWEN, CA
[72] ENTWISTLE, JOYCELYN, CA
[73] MANITOBA CANCER TREATMENT
& RESEARCH FOUNDATION, CA
[73] THE UNIVERSITY OF MANITOBA,
CA
[22] 1995-10-16
[30] GB (9420740.4) 1994-10-14

[11] 2,160,675
[13] C

[51] Int.Cl. 6H01H 1/02
[25] EN
[54] SAFETY SWITCH HAVING A
CARBON FIBRE CONDUCTOR
[54] INTERRUPTEUR, NOTAMMENT
DE SECURITE
[72] BUCHHOLZ, HANS-VOLKER, DE
[72] OPITZ, WOLFGANG, DE
[73] METEOR GUMMIWERKE K.H.
BADJE GMBH & CO., DE
[85] 1995-10-16
[86] 1994-01-29 (PCT/EP1994/000255)
[87] (WO1994/025972)
[30] DE (P 43 14 193.5) 1993-04-30

[11] 2,162,029
[13] C

[51] Int.Cl. 6B09C 1/00
[25] EN
[54] METHOD AND APPARATUS FOR
IN SITU SOIL REMEDIATION
[54] METHODE ET APPAREIL POUR
LA REGENERATION DU SOL IN SITU
[72] BRUSO, BRUCE L., US
[73] BRUSO, BRUCE L., US
[85] 1995-11-02
[86] 1994-05-03 (PCT/US1994/005127)
[87] (WO1994/025191)
[30] US (08/057,342) 1993-05-03

[11] 2,163,522
[13] C

[51] Int.Cl. 6B65B 43/14
[25] EN
[54] AUTOMATIC SHEET LOADER
[54] DISPOSITIF AUTOMATIQUE
D'ALIMENTATION EN FEUILLES
[72] KANEKO, YUTAKA, JP
[73] TETRA LAVAL HOLDINGS &
FINANCE, S.A., CH
[85] 1995-11-22
[86] 1994-06-23 (PCT/JP1994/001003)
[87] (WO1995/000396)
[30] JP (5-152349) 1993-06-23

[11] 2,163,524
[13] C

[51] Int.Cl. 6C12Q 1/68 6C12Q 1/02
6C12N 1/19 6C12Q 1/42
[25] EN
[54] ASSAY AND REAGENTS FOR
IDENTIFYING ANTI-PROLIFERATIVE
AGENTS
[54] ESSAI ET REACTIFS POUR
CARACTERISER DES AGENTS ANTI-
PROLIFERATIFS
[72] DRAETTA, GIULIO, US
[72] COTTAREL, GUILLAUME, US
[72] DAMAGNEZ, VERONIQUE, US
[73] MITOTIX, INC., US
[85] 1995-11-22
[86] 1994-06-06 (PCT/US1994/006365)
[87] (WO1994/028914)
[30] US (073,383) 1993-06-04

[11] 2,165,236
[13] C

[51] Int.Cl. 6E05D 7/00
[25] EN
[54] HINGE ASSEMBLY FOR A
CONTAINER
[54] ARTICULATION POUR
CONTENEUR
[72] CORNEY, RICHARD E., US
[72] TRAVERS, JOHN F., US
[73] RUBBERMAID INCORPORATED, US
[22] 1995-12-14
[30] US (08/355,477) 1994-12-14

[11] 2,165,542
[13] C

[51] Int.Cl. 6B65B 51/22
[25] EN
[54] SEALING APPARATUS FOR
PACKAGING CONTAINERS
[54] APPAREIL DE SCELLAGE POUR
LE CONDITIONNEMENT DE
CONTENANTS
[72] OHLSSON, PER, JP
[73] TETRA LAVAL HOLDINGS &
FINANCE, S.A., CH
[85] 1995-12-18
[86] 1994-07-15 (PCT/JP1994/001161)
[87] (WO1995/002537)
[30] JP (5-175073) 1993-07-15

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[11] **2,165,674**
[13] C

[51] **Int.Cl. 6B23K 35/36 6H05K 3/34**
[25] EN
[54] **SOLDERABLE ANISOTROPICALLY CONDUCTIVE COMPOSITION AND METHOD OF USING SAME**
[54] **COMPOSITION SOUDABLE ANISOTROPIQUEMENT CONDUCTRICE ET METHODE DE MISE EN OEUVRE DE LADITE COMPOSITION**
[72] MATHIAS, ECKART, US
[73] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US
[85] 1995-12-19
[86] 1994-06-14 (PCT/US1994/006934)
[87] (WO1995/000285)
[30] US (08/082,653) 1993-06-28

[11] **2,165,749**
[13] C

[51] **Int.Cl. 6H05K 7/20**
[25] EN
[54] **ELECTRONIC EQUIPMENT HAVING AIR FLOW COOLING PASSAGES**
[54] **MATERIEL ELECTRONIQUE COMPORTANT DES PASSAGES DE CIRCULATION D'AIR DE REFROIDISSEMENT**
[72] COCHRANE, PAUL D., CA
[72] RACICOT, LEE J., CA
[72] MACKENZIE, M. SCOTT, CA
[73] NORTEL NETWORKS LIMITED, CA
[22] 1995-12-20

[11] **2,166,202**
[13] C

[51] **Int.Cl. 6B29C 49/08**
[25] EN
[54] **BIAXIAL ORIENTATION BLOW MOLDING METHOD AND PREFORM HOLDING JIG**
[54] **PROCEDE DE MOULAGE PAR SOUFFLAGE A ORIENTATION BIAZIALE ET GABARIT DE MAINTIEN DE PREFORME**
[72] SEKI, NOBUICHI, JP
[72] KIMURA, MASANORI, JP
[72] ICHIZAWA, YOSHIYUKI, JP
[72] KOSHIDAKA, YUKIO, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[85] 1995-12-27
[86] 1995-04-28 (PCT/JP1995/000853)
[87] (WO1995/029804)
[30] JP (6-92358) 1994-04-28

[11] **2,168,520**
[13] C

[51] **Int.Cl. 6H02J 9/00**
[25] EN
[54] **INVERTER/CHARGER CIRCUIT FOR UNINTERRUPTIBLE POWER SUPPLIES**
[54] **CIRCUIT ONDULEUR/CHARGEUR POUR SOURCES D'ALIMENTATION SECOURUE**
[72] MEKANIK, FERAYDOUN, US
[73] ALPHA TECHNOLOGIES, INC., US
[22] 1996-01-31
[30] US (08/394,641) 1995-02-22

[11] **2,172,245**
[13] C

[51] **Int.Cl. 6A61K 38/17**
[25] EN
[54] **METHOD OF TREATING GRAM-NEGATIVE BACTERIAL INFECTION BY ADMINISTRATION OF BACTERICIDAL/PERMEABILITY-INCREASING (BPI) PROTEIN**
[54] **METHODE POUR TRAITER L'INFECTION BACTERIENNE GRAM-NEGATIVE PAR ADMINISTRATION DE PROTEINES BACTERICIDES/AUGMENTANT LA PERMEABILITE (BPI)**
[72] COHEN, JONATHAN, GB
[72] KUNG, ADA H. C., US
[72] LAMBERT, LEWIS H., JR., US
[72] LITTLE, ROGER G., II, US
[73] XOMA CORPORATION, US
[85] 1996-03-20
[86] 1994-09-22 (PCT/US1994/011225)
[87] (WO1995/008344)
[30] US (08/125,651) 1993-09-22
[30] US (08/273,401) 1994-07-11

[11] **2,172,278**
[13] C

[51] **Int.Cl. 6G02F 1/025**
[25] EN
[54] **AN ELECTRO-OPTIC DEVICE**
[54] **DISPOSITIF ELECTRO-OPTIQUE**
[72] CRAMPTON, STEPHEN JAMES, GB
[72] HARPIN, ARNOLD PETER ROSCOE, GB
[72] RICKMAN, ANDREW GEORGE, GB
[73] BOOKHAM TECHNOLOGY PLC, GB
[85] 1996-03-20
[86] 1993-09-21 (PCT/GB1993/001983)
[87] (WO1995/008787)

[11] **2,173,848**
[13] C

[51] **Int.Cl. 6G08B 13/22**
[25] EN
[54] **ANTI-THEFT PROCESS FOR WATERCRAFT**
[54] **PROCEDE DE PROTECTION ANTIVOL DE BATEAUX**
[72] PANNEN, TORSTEN, DE
[73] RINSCH, HARTMUT, DE
[85] 1996-04-10
[86] 1994-10-07 (PCT/EP1994/003318)
[87] (WO1995/010433)
[30] DE (P 43 34 601.4) 1993-10-11

[11] **2,175,471**
[13] C

[51] **Int.Cl. 6A61K 9/127 6A61K 7/00**
[25] EN
[54] **SUCROSE DISTEARATE LIPID VESICLES**
[54] **VESICULES LIPIDIQUES CONTENANT DU DISTEARATE DE SACCHAROSE**
[72] MATHUR, RAJIV, US
[73] MICRO-PAK, INC., US
[85] 1996-04-30
[86] 1994-10-25 (PCT/US1994/012156)
[87] (WO1995/013051)
[30] US (08/148,885) 1993-11-08

[11] **2,175,600**
[13] C

[51] **Int.Cl. 6C11D 3/33 6A01K 1/01 6C11D 3/37 6C11D 3/50**
[25] EN
[54] **CLEANING COMPOSITION FOR ANIMAL URINE REMOVAL**
[54] **COMPOSITION DE NETTOYAGE UTILISEE POUR ELIMINER LES TACHES D'URINE D'UN ANIMAL**
[72] COLURCIELLO, ANDREW FRANCIS, US
[72] WELLER, JEANNE MARIE, US
[73] RECKITT BENCKISER INC., US
[85] 1996-05-01
[86] 1994-11-14 (PCT/US1994/013124)
[87] (WO1995/014758)
[30] US (08/157863) 1993-11-22

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[11] **2,177,015**
[13] C
[51] **Int.Cl. 6A61B 17/86**
[25] EN
[54] **ORTHOPEDIC FASTENER**
[54] **FIXATION ORTHOPEDIQUE**
[72] SANDER, THOMAS W., US
[72] LEE, DANIEL R., US
[72] GANGNATH, ROBERT B., US
[72] SARVER, DAVID, US
[73] BIOMET, INC., US
[73] UNITED STATES SURGICAL, US
[22] 1996-05-21
[30] US (08/477,212) 1995-06-07

[11] **2,178,727**
[13] C
[51] **Int.Cl. 6H01P 1/20**
[25] EN
[54] **MICROWAVE FILTER**
[54] **FILTRE HYPERFREQUENCE**
[72] RHODES, JOHN DAVID, GB
[73] FILTRONIC PLC, GB
[85] 1996-06-10
[86] 1994-12-15 (PCT/GB1994/002747)
[87] (WO1995/017023)
[30] GB (9325661.8) 1993-12-15

[11] **2,180,118**
[13] C
[51] **Int.Cl. 6C04B 2/10**
[25] EN
[54] **LIME SLUDGE TREATMENT PROCESS**
[54] **PROCEDE DE TRAITEMENT DE BOUES RESIDUAIRES DE CHAUX**
[72] MATWEECHA, DAVID M., US
[72] EUSTON, CHARLES R., US
[73] FULLER COMPANY, US
[85] 1996-06-27
[86] 1994-12-30 (PCT/US1994/014438)
[87] (WO1995/018078)
[30] US (08/175,856) 1993-12-30

[11] **2,180,871**
[13] C
[51] **Int.Cl. 6E02F 9/20 6E02F 9/22 6E02F 3/43**
[25] EN
[54] **DEVICE AND METHOD FOR CONTROLLING ATTACHMENT OF CONSTRUCTION MACHINE**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE PILOTER LE BRAS ARTICULE D'UN ENGIN DE CHANTIER**
[72] ONO, TOMOAKI, JP
[72] TOZAWA, SHOJI, JP
[73] SHIN CATERPILLAR MITSUBISHI LTD., JP
[85] 1996-07-09
[86] 1995-10-13 (PCT/JP1995/002103)
[87] (WO1996/015326)
[30] JP (6/282322) 1994-11-16

[11] **2,180,924**
[13] C
[51] **Int.Cl. 6H04B 7/08 6H04J 3/02 6H04Q 7/22**
[25] EN
[54] **DIVERSITY PATH CO-CHANNEL INTERFERENCE REDUCTION**
[54] **REDUCTION DU BROUILLAGE SUR CANAL COMMUN POUR SIGNAUX DE LIAISON EN DIVERSITE**
[72] ABU-DAYYA, ADNAN, CA
[73] NORTEL NETWORKS LIMITED, CA
[22] 1996-07-10

[11] **2,182,995**
[13] C
[51] **Int.Cl. 6C10L 1/18**
[25] EN
[54] **FUEL OIL COMPOSITIONS**
[54] **COMPOSITIONS DE FUEL-OIL**
[72] DAVIES, BRIAN WILLIAM, GB
[72] CAPROTTI, RINALDO, GB
[72] DILWORTH, BRID, GB
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 1996-08-08
[86] 1995-12-13 (PCT/EP1995/004931)
[87] (WO1996/018707)
[30] GB (9425117.0) 1994-12-13
[30] GB (9514480.4) 1995-07-14

[11] **2,183,235**
[13] C
[51] **Int.Cl. 6B60C 23/04 6G08B 29/00 6G08C 17/02 6G06K 19/04 6G01S 13/74**
[25] EN
[54] **ACTIVE INTEGRATED CIRCUIT TRANSPONDER AND SENSOR APPARATUS FOR TRANSMITTING VEHICLE TIRE PARAMETER DATA**
[54] **REPONDEUR ACTIF A CIRCUIT INTEGRE ET DETECTEUR TRANSMETTANT DES DONNEES PARAMETRIQUES A UN PNEU DE VEHICULE**
[72] KULKA, HARVEY J., US
[72] SCHRAMM, JOHN H., US
[73] ENGENIUS, INC., US
[85] 1996-08-13
[86] 1995-01-27 (PCT/US1995/001124)
[87] (WO1995/022467)
[30] US (08/199,480) 1994-02-22

[11] **2,184,318**
[13] C
[51] **Int.Cl. 6C08L 69/00 6B29D 29/00 6C08L 63/00 6B62D 55/253**
[25] EN
[54] **COMPOSITE MATERIAL, METHOD FOR PRODUCING THE SAME AND COMPOSITE MATERIAL FOR LATERAL RIGID MEMBER FOR TRACK BELT**
[54] **MATERIAU COMPOSITE POUR BANDE DE CHENILLE ET PROCEDE DE FABRICATION**
[72] CHIBA, FUMIO, JP
[72] TANAKA, YUICHI, JP
[73] YOKOHAMA RUBBER CO., LTD. (THE), JP
[22] 1996-08-28
[30] JP (7-248436) 1995-08-31

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[11] **2,184,584**
[13] C

[51] **Int.Cl. 6C12N 15/18 6A61K 48/00 6A61K 38/18 6C07K 16/22 6A61K 39/395 6C07K 14/475 6A61K 31/70**
[25] EN
[54] **VASCULAR ENDOTHELIAL GROWTH FACTOR 2**
[54] **FACTEUR 2 DE CROISSANCE VASCULAIRE ENDOTHELIALE**
[72] HU, JING-SHAN, US
[72] CAO, LIANG, HK
[72] ROSEN, CRAIG A., US
[73] HUMAN GENOME SCIENCES, INC., US
[85] 1996-08-30
[86] 1994-05-12 (PCT/US1994/005291)
[87] (WO1995/024473)
[30] US (08/207,550) 1994-03-08

[11] **2,186,029**
[13] C

[51] **Int.Cl. 6A61F 2/06**
[25] EN
[54] **IMPROVED LONGITUDINALLY FLEXIBLE EXPANDABLE STENT**
[54] **EXTENSEUR DILATABLE A FLEXIBILITE LONGITUDINALE AMELIOREE**
[72] BROWN, BRIAN J., US
[72] DAVIS, MICHAEL L., US
[73] SCIMED LIFE SYSTEMS, INC., US
[85] 1996-09-19
[86] 1996-02-28 (PCT/US1996/002615)
[87] (WO1996/026689)
[30] US (08/396,569) 1995-03-01
[30] US (08/511,076) 1995-08-03

[11] **2,187,874**
[13] C

[51] **Int.Cl. 6A63B 39/00**
[25] EN
[54] **TAKRAW BALLS**
[54] **BALLES DE JEU DE TAKRAW**
[72] LORPIPATANA, BOONSAKDI, TH
[72] LORHPIPAT, BOONCHAI, TH
[73] SATIAN INDUSTRIES CO., LTD., TH
[85] 1996-10-15
[86] 1995-04-11 (PCT/GB1995/000825)
[87] (WO1995/028206)
[30] GB (9407421.8) 1994-04-14

[11] **2,191,344**
[13] C

[51] **Int.Cl. 6C07K 14/785 6A61K 38/17 6A61K 35/42**
[25] EN
[54] **SYNTHETIC PEPTIDE ANALOGS OF LUNG SURFACTANT PROTEIN SP-C**
[54] **ANALOGUES PEPTIDIQUES DE SYNTHESE DE LA PROTEINE SP-C DE SURFACTANT**
[72] STURM, ERNST, DE
[72] ULRICH, WOLF-RUDIGER, DE
[72] NAVE, RUDIGER, DE
[72] KRUGER, UWE, DE
[72] HAFNER, DIETRICH, DE
[73] ALTANA PHARMA AG, DE
[85] 1996-11-26
[86] 1995-05-27 (PCT/EP1995/002028)
[87] (WO1995/032992)
[30] DE (P 44 18 936.2) 1994-05-31

[11] **2,192,087**
[13] C

[51] **Int.Cl. 6H01K 1/28 6H01K 1/14**
[25] EN
[54] **ELECTRIC INCANDESCENT LAMP AND FILAMENT FOR INCANDESCENT LAMPS**
[54] **LAMPE INCANDESCENTE ELECTRIQUE ET CORPS LUMINESCENT POUR LAMPES INCANDESCENTES**
[72] BUNK, AXEL, DE
[72] HOLLSTEIN, ANDREAS, DE
[72] BINDER, ULRICH, DE
[73] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE
[85] 1996-12-04
[86] 1995-06-01 (PCT/DE1995/000718)
[87] (WO1995/034910)
[30] DE (P 44 20 607.0) 1994-06-13

[11] **2,192,870**
[13] C

[51] **Int.Cl. 6C09C 3/06 6C09C 1/28 6C09C 1/36**
[25] EN
[54] **PROCESS FOR PREPARING UNSUPPORTED METAL OXIDE NACREOUS PIGMENTS**
[54] **METAL POUR PREPARER DES PIGMENTS NACRES AVEC COUCHE D'OXYDE METALLIQUE, SANS SUPPORT**
[72] DELUCA, CARMINE, US
[72] KURTENBACH, WILLIAM P., US
[73] THE ENGELHARD CORPORATION, US
[22] 1996-12-13
[30] US (08/571,456) 1995-12-13

[11] **2,193,465**
[13] C

[51] **Int.Cl. 6G06F 11/00 6G06F 11/28**
[25] EN
[54] **DEBUG APPARATUS AND METHOD FOR DEBUGGING GAME PROGRAM IN ROM CARTRIDGE**
[54] **APPAREIL ET METHODE DE MISE AU POINT DE PROGRAMMES DE JEU ENREGISTRES SUR CARTOUCHE ROM**
[72] NAKAJIMA, TOMOHIKO, JP
[73] HUDSON SOFT CO., LTD., JP
[22] 1996-12-19
[30] JP (7-350904) 1995-12-25

[11] **2,194,867**
[13] C

[51] **Int.Cl. 6A61F 2/24**
[25] EN
[54] **ANNULOPLASTY DISTENSIBLE RING**
[54] **ANNEAU DILATABLE POUR ANNULOPLASTIE**
[72] CARPENTIER, ALEXANDRE, FR
[72] CARPENTIER, ALAIN F., FR
[73] EDWARDS LIFESCIENCES CORPORATION, US
[85] 1997-01-10
[86] 1995-07-05 (PCT/US1995/008419)
[87] (WO1996/003938)
[30] US (08/283,059) 1994-07-29

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[11] **2,195,359**
[13] C
[51] **Int.Cl. 6H04N 5/30**
[25] EN
[54] **VISION SYSTEM AND PROXIMITY DETECTOR**
[54] **SYSTEME DE VISION ET DETECTEUR DE PROXIMITE**
[72] CHAPMAN, GLENN H., CA
[72] IMMEGA, GUY B., CA
[73] CANADIAN SPACE AGENCY, CA
[22] 1997-01-17
[30] US (08/588,319) 1996-01-18

[11] **2,195,714**
[13] C
[51] **Int.Cl. 6B23P 6/04**
[25] EN
[54] **METHOD OF REINFORCING THREADS**
[54] **METHODE DE RENFORCEMENT DE FILETS**
[72] MERCHANT, GERALD, CA
[73] MERCHANT, GERALD, CA
[22] 1997-01-22

[11] **2,195,897**
[13] C
[51] **Int.Cl. 6G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINATION OF INCREMENTAL VALUE AT RISK FOR SECURITIES TRADING**
[54] **SYSTEME ET METHODE D'EVALUATION DE LA CROISSANCE DE LA VALEUR EN FONCTION DU RISQUE, DANS LE CAS D'OPERATIONS BOURSIERES SUR TITRES**
[72] GARMAN, MARK B., US
[73] FINANCIAL ENGINEERING ASSOCIATES, INC., US
[22] 1997-01-24
[30] US (08/600,685) 1996-02-13

[11] **2,195,359**
[13] C
[51] **Int.Cl. 6B05D 1/30 6B05C 19/00**
[25] EN
[54] **METHOD AND APPARATUS FOR LAYING A GRANULAR PATTERN**
[54] **PROCEDE ET APPAREIL POUR POSER UN ORNEMENT GRANULAIRE**
[72] BIBBY, KENNETH, US
[73] BIBBY, KENNETH, US
[85] 1997-01-31
[86] 1995-04-26 (PCT/US1995/005182)
[87] (WO1996/004081)
[30] US (08/284,888) 1994-08-02

[11] **2,196,527**
[13] C
[51] **Int.Cl. 6G01R 15/24**
[25] EN
[54] **OPTICAL INTERFEROMETRIC CURRENT SENSOR AND A METHOD FOR MEASURING AN ELECTRICAL CURRENT**
[54] **DETECTEUR DE COURANT A INTERFEROMETIE OPTIQUE ET METHODE DE MESURE DE COURANTS ELECTRIQUES**
[72] BELLEVILLE, CLAUDE, CA
[72] VAN NESTE, RICHARD, CA
[72] CARON, SERGE, CA
[72] HOULE, ALAIN C., CA
[72] THIBAUT, PIERRE, CA
[73] CITEQ, CA
[85] 1997-02-14
[86] 1995-09-14 (PCT/CA1995/000523)
[87] (WO1996/010187)
[30] US (313,690) 1994-09-27

[11] **2,197,716**
[13] C
[51] **Int.Cl. 6C09J 161/06 6C09J 171/10**
[25] EN
[54] **ONE-COAT ADHESIVE FOR BONDING CASTABLE URETHANES TO METAL**
[54] **ADHESIF MONOCOUCHE DESTINE A LIER DES URETHANNES COULABLES A UN METAL**
[72] GOURLIAS, MICHAEL P., US
[73] LORD CORPORATION, US
[85] 1997-04-14
[86] 1995-09-29 (PCT/US1995/012902)
[87] (WO1996/014367)
[30] US (08/333,435) 1994-11-02

[11] **2,198,302**
[13] C
[51] **Int.Cl. 6D21G 1/00**
[25] EN
[54] **PROCESS FOR SATINING PAPER AND CALENDER FOR CARRYING OUT THE PROCESS**
[54] **PROCEDE POUR SATINER LE PAPIER ET CALANDRE POUR EXECUTER LE PROCEDE**
[72] WAGNER, ULRICH, DE
[72] CRAMER, DIRK, DE
[73] VOITH SULZER FINISHING GMBH, DE
[22] 1997-02-24
[30] DE (196 07 476.2) 1996-02-28

[11] **2,202,642**
[13] C
[51] **Int.Cl. 6B65D 43/06 6B65D 6/02**
[25] EN
[54] **HIGH-STRENGTH GUSSETED LID FOR A FOOD CONTAINER**
[54] **COUVERCLE A SOUFFLETS HAUTE RESISTANCE POUR RECIPIENT ALIMENTAIRE**
[72] GOMOLL, JAMES N., US
[72] HAYES, THOMAS J., US
[72] SAGAN, MICHAEL J. A., US
[73] PACTIV CORPORATION, US
[22] 1997-04-15
[30] US (08/718,862) 1996-09-24

[11] **2,202,699**
[13] C
[51] **Int.Cl. 6C12N 7/00 6C07K 14/11 6A61K 39/12 6A61K 39/145**
[25] EN
[54] **METHOD FOR PRODUCING BIOLOGICALS IN PROTEIN-FREE CULTURE**
[54] **PROCEDE DE PRODUCTION D'AGENTS BIOLOGIQUES DANS UN MILIEU DE CULTURE SANS PROTEINES**
[72] BARRETT, NOEL, AT
[72] MUNDT, WOLFGANG, AT
[72] KISTNER, OTFRIED, AT
[72] DORNER, FRIEDRICH, AT
[73] IMMUNO AKTIENGESELLSCHAFT, AT
[85] 1997-05-09
[86] 1995-11-10 (PCT/EP1995/004439)
[87] (WO1996/015231)
[30] US (08/338,761) 1994-11-10
[30] US (08/487,046) 1995-06-07
[30] US (08/487,222) 1995-06-07
[30] US (08/483,522) 1995-06-07

[11] **2,205,015**
[13] C
[51] **Int.Cl. 6C12N 7/00 6C07K 14/11 6A61K 39/12 6A61K 39/145**
[25] EN
[54] **METHOD FOR PRODUCING BIOLOGICALS IN PROTEIN-FREE CULTURE**
[54] **PROCEDE DE PRODUCTION D'AGENTS BIOLOGIQUES DANS UN MILIEU DE CULTURE SANS PROTEINES**
[72] BARRETT, NOEL, AT
[72] MUNDT, WOLFGANG, AT
[72] KISTNER, OTFRIED, AT
[72] DORNER, FRIEDRICH, AT
[73] IMMUNO AKTIENGESELLSCHAFT, AT
[85] 1997-05-09
[86] 1995-11-10 (PCT/EP1995/004439)
[87] (WO1996/015231)
[30] US (08/338,761) 1994-11-10
[30] US (08/487,046) 1995-06-07
[30] US (08/487,222) 1995-06-07
[30] US (08/483,522) 1995-06-07

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[11] **2,207,343**
[13] C

[51] **Int.Cl. 6H04J 14/02**
[25] EN
[54] **POLARIZATION-INDEPENDENT, TUNABLE, ACOUSTO-OPTICAL WAVEGUIDE DEVICE FOR THE WAVELENGTH SELECTION OF AN OPTICAL SIGNAL**
[54] **DISPOSITIF EN GUIDE D'ONDES ACOUSTO-OPTIQUE, INDEPENDANT DE LA POLARISATION, ACCORDABLE POUR LA SELECTION DE LONGUEUR D'ONDE D'UN SIGNAL OPTIQUE**
[72] HERRMANN, HARALD, DE
[73] CORNING O.T.I. S.P.A., IT
[22] 1997-06-09
[30] EP (96109993.4) 1996-06-20

[11] **2,208,512**
[13] C

[51] **Int.Cl. 6B65G 1/04**
[25] EN
[54] **A METHOD AND APPARATUS FOR HANDLING SHEET STACKS**
[54] **PROCEDE ET APPAREIL DE MANIPULATION D'EMPILAGES DE FEUILLES**
[72] VALIMAKI, PENTTI, FI
[72] KORHONEN, ANTTI, FI
[73] SUNDS DEFIBRATOR PANELHANDLING OY, FI
[85] 1997-06-23
[86] 1995-12-21 (PCT/FI1995/000699)
[87] (WO1996/020121)
[30] FI (946069) 1994-12-23

[11] **2,209,290**
[13] C

[51] **Int.Cl. 6H03B 5/00**
[25] EN
[54] **FREQUENCY SYNTHESIZER**
[54] **SYNTHETISEUR DE FREQUENCE**
[72] DE RIJK, JOHANNES HERMANUS ALOYSIUS, NL
[72] DUGUESNOY, ROBERTUS JOANNES, NL
[72] VAN DER VALK, ROBERTUS LAURENTIUS, NL
[72] SPIJKER, MENNO TJEERD, NL
[73] X INTEGRATED CIRCUITS B.V., NL
[85] 1997-07-03
[86] 1996-01-08 (PCT/NL1996/000013)
[87] (WO1996/021279)
[30] NL (9500034) 1995-01-06

[11] **2,209,967**
[13] C

[51] **Int.Cl. 6C09J 175/04**
[25] FR
[54] **ADHESIFS MONOCOMPOSANTS A BASE DE POLYURETHANE A COHESION INITIALE AMELIOREE**
[54] **ONE-COMPONENT ADHESIVES BASED ON POLYURETHANE HAVING AN IMPROVED STARTING COHESION**
[72] BOUTTEFORT, PATRICK, FR
[72] MISKOVIC, MICHEL, FR
[72] GUILPAIN, GERARD, FR
[73] ATO FINDLEY S.A., FR
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[30] FR (96 08 876) 1996-07-16

[11] **2,212,639**
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[51] **Int.Cl. 6G02B 6/42 6G02B 6/12**
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[54] **ENSEMBLE SUBSTRAT CONCU POUR DES CIRCUITS OPTOELECTRONIQUES/HYPERFREQUENCE**
[72] YAP, DANIEL, US
[73] HUGHES ELECTRONICS CORPORATION, US
[85] 1997-08-07
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[30] US (08/591,854) 1996-01-26

[11] **2,218,603**
[13] C

[51] **Int.Cl. 6D06F 21/06**
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[54] **TOP LOADING CLOTHES WASHER**
[54] **LAVEUSE A CHARGEMENT PAR LE HAUT**
[72] WUNDERLICH, DANIEL F., US
[73] MAYTAG CORPORATION, US
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[30] US (08/767,166) 1996-12-16

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[13] C

[51] **Int.Cl. 6A41D 13/02 6A41D 1/06**
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[54] **SPORTSWEAR**
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[73] KABUSHIKI KAISHA PHENIX, JP
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[30] JP (8-1191) 1997-02-28

[11] **2,219,176**
[13] C

[51] **Int.Cl. 6G01N 33/543 6G01N 33/558 6G01N 33/76**
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[54] **IMPROVED DIAGNOSTIC DETECTION DEVICE**
[54] **DISPOSITIF DE DETECTION AMELIORE POUR DIAGNOSTIC**
[72] NAZARETH, ALBERT, US
[72] BOYLE, MARY BETH, US
[72] CHENG, YEA-SHUN, US
[73] ARMKEL LLC, US
[85] 1997-10-23
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[13] C

[51] **Int.Cl. 6B65B 29/00 6C09J 11/00**
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[54] **EMBALLAGE D'ADHESIFS THERMOFUSIBLES REACTIFS**
[54] **REACTIVE HOT-MELT ADHESIVE PACKAGING**
[72] LARDOUX, CELINE, FR
[72] LAURICHESSE, CHRISTIAN, FR
[73] ATO FINDLEY S.A., FR
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[51] Int.Cl. 6B60C 1/00 6B60C 11/00
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[25] EN
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MANUFACTURING A PNEUMATIC
TIRE, RUBBER COMPOSITION, AND
VULCANIZED RUBBER
COMPOSITION
[54] PNEU, PROCEDE DE
PRODUCTION DE PNEUS,
COMPOSITION DE CAOUTCHOUC ET
COMPOSITION DE CAOUTCHOUC
VULCANISE
[72] YAMAGUCHI, YUJI, JP
[72] NISHIKAWA, TOMOHISA, JP
[72] TERATANI, HIROYUKI, JP
[73] BRIDGESTONE CORPORATION, JP
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[25] EN
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OIL GEL SYSTEM
[54] ADDITIF ENCAPSULE POUR
SYSTEME DE GEL A BASE
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[72] AMIN, JUNAD, CA
[72] GUPTA, SATYA, CA
[73] CANADIAN FRACMASTER LTD.,
CA
[22] 1997-11-25

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[13] C

[51] Int.Cl. 6A61K 7/13
[25] FR
[54] COMPOSITION DE TEINTURE
D'OXYDATION DES FIBRES
KERATINIQUES ET PROCEDE DE
TEINTURE METTANT EN OEUVRE
CETTE COMPOSITION
[54] KERATIN FIBRE OXIDATION DYE
COMPOSITION AND DYE PROCESS
USING THE COMPOSITION
[72] DE LA METTRIE, ROLAND, FR
[72] RONDEAU, CHRISTINE, FR
[72] COTTERET, JEAN, FR
[73] L'OREAL, FR
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[25] EN
[54] TRIAZOLE ANTIFUNGAL
AGENTS
[54] AGENTS ANTIFONGIQUES AU
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[72] BELL, ANDREW SIMON, GB
[72] STEPHENSON, PETER THOMAS, GB
[72] MARCHINGTON, ALAN PATRICK,
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[72] RICHARDSON, KENNETH, GB
[72] FRAY, MICHAEL JONATHAN, GB
[72] WHITTLE, PETER JOHN, GB
[73] PFIZER RESEARCH AND
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[86] 1996-06-05 (PCT/EP1996/002470)
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[13] C

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[25] EN
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PROMOTER
[54] PROMOTEUR D'UN GENE
SPECIFIQUE A L'ECORCE D'UNE
RACINE
[72] MENDU, NANDINI, US
[72] CONKLING, MARK A., US
[72] SONG, WEN, US
[73] NORTH CAROLINA STATE
UNIVERSITY, US
[85] 1998-01-28
[86] 1996-07-24 (PCT/US1996/012158)
[87] (WO1997/005261)
[30] US (08/508,786) 1995-07-28

[11] 2,228,474
[13] C

[51] Int.Cl. 6H04H 1/02 6H04H 9/00
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[25] EN
[54] PROGRAMME SELECTION
MEANS IN A PROGRAMME
TRANSMISSION AND RECEPTION
SYSTEM
[54] SYSTEME DE SELECTION
D'EMISSIONS DANS UN SYSTEME DE
DIFFUSION ET DE RECEPTION
D'EMISSIONS
[72] FISK, DONALD, GB
[73] BRITISH TELECOMMUNICATIONS
PUBLIC LIMITED COMPANY, GB
[85] 1998-02-02
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[13] C

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[25] EN
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[54] IMPRIMANTE A JET D'ENCRE A
UN PASSAGE
[72] MOYNIHAN, EDWARD R., US
[72] HINE, NATHAN P., US
[73] SPECTRA INC., US
[22] 1998-02-05

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[13] C

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[25] EN
[54] SOLVENT EXTRACTION OF
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FROM BIOMASS
[54] EXTRACTION PAR SOLVANT DE
POLYHYDROXYALCANOATES D'UNE
BIOMASSE
[72] SCHECHTMAN, LEE ARNOLD, US
[72] NODA, ISAO, US
[73] THE PROCTER & GAMBLE
COMPANY, US
[85] 1998-02-11
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[30] US (60/002,578) 1995-08-21
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[25] EN
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[54] **ACIDE LIPOIQUE EN COMPOSITIONS A USAGE LOCAL**
[72] PERRICONE, NICHOLAS V., US
[73] PERRICONE, NICHOLAS V., US
[85] 1998-03-19
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[11] **2,235,022**
[13] C

[51] **Int.Cl. 6E21B 34/06 6F16K 31/122 6F16K 1/52**
[25] EN
[54] **VARIABLE ORIFICE GAS LIFT VALVE ASSEMBLY FOR HIGH FLOW RATES WITH DETACHABLE POWER SOURCE AND METHOD OF USING SAME**
[54] **DISPOSITIF DE SOUPAPE DE POMPAGE PNEUMATIQUE A OUVERTURE VARIABLE MUNI D'UNE SOURCE D'ENERGIE AMOVIBLE ET METHODE D'UTILISATION**
[72] PRINGLE, RONALD E., US
[73] CAMCO INTERNATIONAL, INC., US
[22] 1998-04-16
[30] US (08/912,150) 1997-08-15
[30] US (09/037,309) 1998-03-09

[11] **2,235,263**
[13] C

[51] **Int.Cl. 6G01V 11/00**
[25] EN
[54] **APPARATUS AND METHOD FOR COMBINED ACOUSTIC AND SEISMOELECTRIC LOGGING MEASUREMENTS**
[54] **APPAREIL ET METHODE DE MESURES COMBINEES DE DONNEES ACOUSTIQUES ET SISMOELECTRIQUES**
[72] YU, GANG, US
[72] TANG, XIAOMING, US
[72] STRACK, KURT-MARTIN, US
[72] CHENG, ARTHUR CHUEN HON, US
[73] WESTERN ATLAS INTERNATIONAL, INC., US
[22] 1998-04-21
[30] US (08/881,304) 1997-06-24

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[13] C

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[72] AMIN, JUNAD, CA
[72] NORGAARD, JESSICA, CA
[72] ALLAN, TRAVIS LEE, CA
[73] CANADIAN FRACMASTER LTD., CA
[22] 1998-05-12

[11] **2,238,093**
[13] C

[51] **Int.Cl. 6H03L 7/22 6H03L 7/08**
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[54] **DIRECT DIGITAL FREQUENCY SYNTHESIZER USING PULSE GAP SHIFTING TECHNIQUE**
[54] **SYNTHETISEUR DE FREQUENCE NUMERIQUE DIRECT UTILISANT UN DEPLACEMENT D'INTERVALLE D'IMPULSIONS**
[72] BROWN, MATTHEW, CA
[72] BAINTON, STEVE D., CA
[73] NORTEL NETWORKS LIMITED, CA
[22] 1998-05-20
[30] CA (2,206,465) 1997-05-29

[11] **2,239,645**
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[51] **Int.Cl. 6E21B 47/09 6E21B 17/14 6E21B 17/16**
[25] EN
[54] **METHOD AND APPARATUS FOR LOCATING A DRILL BIT WHEN DRILLING OUT CEMENTING EQUIPMENT FROM A WELLBORE**
[54] **METHODE ET APPAREIL POUR TROUVER UN OUTIL DE FORAGE AU MOMENT DU REFORAGE DE L'EQUIPEMENT DE CIMENTATION D'UN PUIS**
[72] RYLL, ROBERT LAWRENCE, CA
[73] TOP-CO INDUSTRIES LTD., CA
[22] 1998-06-05

[11] **2,244,111**
[13] C

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[25] EN
[54] **METHOD AND APPARATUS FOR MULTI-SPECTRAL ANALYSIS IN NONINVASIVE NIR SPECTROSCOPY**
[54] **PROCEDE ET APPAREIL D'ANALYSE MULTISPECTRALE EN SPECTROSCOPIE NON INVASIVE PRATIQUEE DANS LE PROCHE INFRAROUGE**
[72] MALIN, STEPHEN F., US
[72] KHALIL, GAMAL, US
[73] SENSYS MEDICAL, INC., US
[85] 1998-07-24
[86] 1997-01-31 (PCT/US1997/001370)
[87] (WO1997/028438)
[30] US (08/596,409) 1996-02-02

[11] **2,244,496**
[13] C

[51] **Int.Cl. 6G02B 6/42 6G02B 6/40**
[25] EN
[54] **OPTICAL FIBER PASSIVE ALIGNMENT APPARATUS USING ALIGNMENT PLATFORM**
[54] **DISPOSITIF D'ALIGNEMENT PASSIF DE FIBRES OPTIQUES COMPORTANT UNE PLATE-FORME D'ALIGNEMENT**
[72] LEE, HYUNG-JAE, KR
[72] LEE, YONG-WOO, KR
[72] RHEE, TAE-HYUNG, KR
[72] YOU, BYONG-GWON, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[13] C
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[25] EN
[54] **SMALL PARTICLE SIZE
POLYESTER/ACRYLIC HYBRID
LATEXES**
[54] **LATEXES HYBRIDES
POLYESTER/ACRYLIQUE EN
PARTICULES DE PETIT CALIBRE**
[72] SALISBURY, JAMES RUSSELL, US
[72] PHAN, HIEU DUY, US
[72] SHIELDS, GLEN DENNIS, US
[72] CLARK, MARK DWIGHT, US
[73] EASTMAN CHEMICAL COMPANY,
US
[85] 1998-07-29
[86] 1997-01-31 (PCT/US1997/001684)
[87] (WO1997/028198)
[30] US (08/594,564) 1996-01-31
[30] US (60/024,054) 1996-08-16
[30] US (60/024,055) 1996-08-16

[11] **2,245,549**
[13] C
[51] Int.Cl. 6G01R 1/06 6G01R 31/3163
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[25] EN
[54] **ASSEMBLY AND METHOD FOR
TESTING INTEGRATED CIRCUIT
DEVICES**
[54] **INSTALLATION ET PROCEDE DE
TESTS DE CIRCUITS INTEGRES**
[72] HAULIN, TORD L., SE
[73] TELEFONAKTIEBOLAGET LM
ERICSSON, SE
[85] 1998-08-04
[86] 1997-01-17 (PCT/SE1997/000068)
[87] (WO1997/029384)
[30] US (08/595,979) 1996-02-06

[11] **2,245,859**
[13] C
[51] Int.Cl. 6A47L 11/164
[25] EN
[54] **AUTOMATIC FLOOR WASHING
APPARATUS**
[54] **APPAREIL AUTOMATIQUE POUR
LE LAVAGE DES SOLS**
[72] AZUMI, YASUHIRO, JP
[73] S.C. JOHNSON COMMERCIAL
MARKETS, INC., US
[85] 1998-08-06
[86] 1997-02-06 (PCT/JP1997/000285)
[87] (WO1997/028731)
[30] JP (8/45464) 1996-02-07

[11] **2,246,411**
[13] C
[51] Int.Cl. 6B25F 1/04 6B25G 1/08 6B25B
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[25] EN
[54] **MULTIPURPOSE FOLDING TOOL
WITH EASILY ACCESSIBLE OUTER
BLADES**
[54] **OUTIL REPLIABLE POLYVALENT
A LAMES EXTERIEURES
FACILEMENT ACCESSIBLES**
[72] RIVERA, BENJAMIN C., US
[73] LEATHERMAN TOOL GROUP, INC.,
US
[22] 1998-09-02
[30] US (08/961,055) 1997-10-30

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[13] C
[51] Int.Cl. 6B60K 15/035
[25] EN
[54] **AIR VENT APPARATUS FOR
AUXILIARY FUEL TANK IN POWER
UNIT**
[54] **DISPOSITIF D'EVACUATION DES
VAPEURS DE CARBURANT D'UN
RESERVOIR AUXILIAIRE D'UN
GROUPE DE PROPULSION**
[72] WADA, TETSU, JP
[72] SHIDARA, SADAFUMI, JP
[73] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 1998-09-10
[30] JP (9-248100) 1997-09-12

[11] **2,252,261**
[13] C
[51] Int.Cl. 6G06F 15/167
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[54] **A HIGH AVAILABILITY
ASYNCHRONOUS COMPUTER
SYSTEM**
[54] **SYSTEME INFORMATIQUE
ASYNCHRONE A HAUTE
DISPONIBILITE**
[72] NEWELL, TERRY EDWIN, CA
[72] BAKER, BRIAN NEIL, CA
[72] BEYERLEIN, RUTH, CA
[73] NORTEL NETWORKS LIMITED, CA
[22] 1998-10-29
[30] US (08/996,171) 1997-12-22

[11] **2,252,898**
[13] C
[51] Int.Cl. 6C07D 417/12 6A61K 31/495
[25] EN
[54] **MESYLATE DIHYDRATE SALTS
OF 5-(2-(4-(1,2-BENZISOTHIAZOL-3-
YL)-1-PIPERAZINYL)-ETHYL)-6-
CHLORO-1,3-DIHYDRO-2(1H)-INDOL-
2-ONE(=ZIPRASIDONE), ITS
PREPARATION AND ITS USE AS
DOPAMINE D2 ANTAGONIST**
[54] **DIHYDRATE DE SELS
MESYLATES DE 5-(2-(4-(1,2-
BENZISOTHIAZOL-3-YL)-1-
PIPERAZINYL)-ETHYL)-6-CHLORO-
1,3-DIHYDRO-2(1H)-INDOL-2-ONE
(=ZIPRASIDONE), LEUR
PREPARATION ET LEUR
UTILISATION EN TANT
QU'ANTAGONISTES DU RECEPTEUR
DOPAMINERGIQUE D2**
[72] SHINE, RUSSELL JAMES, US
[72] ROSE, CAROL ANNE, US
[72] BUSCH, FRANK ROBERT, US
[73] PFIZER INC., US
[85] 1998-10-26
[86] 1997-04-10 (PCT/IB1997/000393)
[87] (WO1997/042191)
[30] US (60/016,757) 1996-05-07

[11] **2,253,075**
[13] C
[51] Int.Cl. 6H01M 8/10 6H01M 8/02
[25] EN
[54] **FUEL CELL APPARATUS**
[54] **APPAREIL A PILE A
COMBUSTIBLE**
[72] SUGAWARA, YASUSHI, JP
[72] UCHIDA, MAKOTO, JP
[72] OHARA, HIDEO, JP
[73] MATSUSHITA ELECTRIC
INDUSTRIAL CO., LTD., JP
[22] 1998-11-05
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[13] C

[51] **Int.Cl. 6D06F 37/20 6D06F 37/00**
[25] EN
[54] **RADIALLY ORIENTED MOTOR FOR A FLUID BALANCE RING**
[54] **MOTEUR MONTE RADIALEMENT EN ANGLE POUR ASSURER LE FONCTIONNEMENT DE L'ANNEAU D'EQUILIBRAGE DU LIQUIDE**
[72] THOMAS, JOHN E., US
[72] JOHNSON, TROY A., US
[72] HERR, JOEL L., US
[73] MAYTAG CORPORATION, US
[22] 1998-10-30
[30] US (08/992,587) 1997-12-17

[11] **2,253,856**
[13] C

[51] **Int.Cl. 6D21C 11/00 6C11D 15/00**
[25] EN
[54] **METHOD AND PLANT FOR SEPARATING SOAP FROM BLACK LIQUOR**
[54] **PROCEDE ET INSTALLATION POUR SEPARER LE SAVON DE LA LIQUEUR NOIRE**
[72] IIVONEN, MAUNO, FI
[72] KOSKINEN, KARI, FI
[72] KURKIO, JARI, FI
[72] RAMARK, HANNU, FI
[72] TURUNEN, ESKO, FI
[73] ANDRITZ OY, FI
[85] 1998-11-06
[86] 1997-05-06 (PCT/FI1997/000273)
[87] (WO1997/042371)
[30] FI (961930) 1996-05-07

[11] **2,254,152**
[13] C

[51] **Int.Cl. 6C07D 471/04 6A61K 31/435 6A61K 31/535**
[25] FR
[54] **NOUVEAUX INHIBITEURS DE METALLOPROTEASES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[54] **NEW METALLOPROTEASE INHIBITORS, THEIR PREPARATION PROCESS AND THE PHARMACEUTICAL COMPOSITIONS WHICH USE THEM**
[72] SABATINI, MASSIMO, FR
[72] PIERRE, ALAIN, FR
[72] PALADINO, JOSEPH, FR
[72] REMOND, GEORGES, FR
[72] BONNET, JACQUELINE, FR
[72] TUCKER, GORDON, FR
[72] ATASSI, GHANEM, FR
[72] DE NANTEUIL, GUILLAUME, FR
[73] LES LABORATOIRES SERVIER, FR
[22] 1998-11-12
[30] FR (97.14278) 1997-11-14

[11] **2,256,276**
[13] C

[51] **Int.Cl. 6H01M 8/02**
[25] EN
[54] **FUEL CELL AND SEPARATOR FOR THE SAME**
[54] **PILE A COMBUSTIBLE ET SEPARATEUR**
[72] IWASE, MASAYOSHI, JP
[72] HAMADA, HITOSHI, JP
[72] KAWATSU, SHIGEYUKI, JP
[72] MIZUNO, SEIJI, JP
[72] YOSHIMURA, JOJI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 1998-12-17
[30] JP (HEI 09-365129) 1997-12-18
[30] JP (HEI 10-100453) 1998-03-27
[30] JP (HEI 10-189926) 1998-06-18

[11] **2,257,735**
[13] C

[51] **Int.Cl. 6G01N 1/10**
[25] EN
[54] **MOLTEN METAL PROBE**
[54] **SONDE POUR METAL EN FUSION**
[72] IWAMOTO, YASUNORI, JP
[72] IKAWA, OSAMU, JP
[73] KAWASO ELECTRIC INDUSTRIAL KABUSHIKI KAISHA, JP
[22] 1999-01-04
[30] JP (10-23738) 1998-01-20

[11] **2,259,037**
[13] C

[51] **Int.Cl. 6F02D 1/06 6F02M 59/00 6F04B 49/06**
[25] EN
[54] **FLUID PUMP CONTROL APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE COMMANDE DE POMPES POUR FLUIDES**
[72] ODA, TOMIHISA, JP
[72] HARADA, YASUO, JP
[72] FUKUMA, TAKAO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 1999-01-18
[30] JP (HEI 10-28738) 1998-02-10

[11] **2,259,542**
[13] C

[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **ABSORBENT ARTICLE WITH FOAM ABSORBENT STRUCTURE PROVIDING IMPROVED MENSES ACQUISITION AND FIT**
[54] **ARTICLE ABSORBANT AVEC STRUCTURE EN MOUSSE ABSORBANTE PERMETTANT UNE MEILLEURE ABSORPTION DU FLUX MENSTRUEL ET UNE MEILLEURE CONFORMATION AU CORPS**
[72] HAMMONS, JOHN LEE, US
[72] DYER, JOHN COLLINS, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-01-04
[86] 1997-06-13 (PCT/US1997/010607)
[87] (WO1998/000085)
[30] US (08/675,138) 1996-07-03

[11] **2,260,302**
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[54] **DRAGLINE WALKING MECHANISM WITH IMPROVED PLANETARY TRANSMISSION**
[54] **MECANISME ROBOTISE POUR PELLE A BENNE TRAINANTE AVEC BOITE DE VITESSES A ENGRENAGES PLANETAIRES AMELIOREE**
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[73] HARNISCHFEGGER TECHNOLOGIES, INC., US
[22] 1999-01-25
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[51] **Int.Cl. 6H04Q 3/42 6H04M 3/42 6H04Q 3/47**
[25] EN
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[54] **SELECTION DYNAMIQUE DE FONCTIONS D'INTERCONNEXION DANS UN SYSTEME DE COMMUNICATION**
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[72] CHOY, VINCENT H., US
[72] BAKER, ALBERT D., US
[72] ROSE, EILEEN PATRICIA, US
[72] LIU, JAMES CHENG-PIN, US
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[22] 1999-01-28
[30] US (09/031,581) 1998-02-27

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[51] **Int.Cl. 6H01Q 9/44 6H01Q 19/10**
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[54] **SYSTEME D'ANTENNE**
[72] GABRIEL, ROLAND, DE
[72] GOTTL, MAX, DE
[72] KLINGER, GEORG, DE
[73] KATHREIN-WERKE KG, DE
[85] 1999-01-22
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[87] (WO1998/054787)
[30] DE (197 22 742.2) 1997-05-30

[11] **2,261,700**
[13] C
[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **DIAPER HAVING ADJUSTABLE ABSORBENT ASSEMBLIES**
[54] **COUCHE COMPORTANT UN ENSEMBLE D'ELEMENTS AJUSTABLES**
[72] BERGMAN, CARL LOUIS, US
[72] ROE, DONALD CARROLL, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-01-25
[86] 1997-07-22 (PCT/US1997/012826)
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[11] **2,262,150**
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[51] **Int.Cl. 6C02F 11/12 6F04B 37/10**
[25] EN
[54] **ROTARY DRUM TYPE DEHYDRATOR**
[54] **DESHYDRATEUR A TAMBOUR ROTATIF**
[72] LEAL, ARTHUR, US
[72] NAGAOKA, TADAYOSHI, JP
[73] NAGAOKA, TADAYOSHI, JP
[22] 1999-02-16
[30] US (09/044,498) 1998-03-19

[11] **2,262,689**
[13] C
[51] **Int.Cl. 6G01N 29/02 6G01N 23/02 6B01D 53/047**
[25] EN
[54] **GAS CONCENTRATION SENSOR AND CONTROL FOR OXYGEN CONCENTRATOR UTILIZING GAS CONCENTRATION SENSOR**
[54] **CAPTEUR DE CONCENTRATION DE GAZ ET COMMANDE POUR CONCENTRATEUR D'OXYGENE UTILISANT CE CAPTEUR**
[72] MICHAELS, GREGORY A., US
[72] BIRANGI, HOMAYOUN, US
[73] INVACARE CORPORATION, US
[85] 1999-02-05
[86] 1998-06-05 (PCT/US1998/011561)
[87] (WO1998/057165)
[30] US (08/873,645) 1997-06-12

[11] **2,263,734**
[13] C
[51] **Int.Cl. 6G06K 9/42 6G06K 9/44 6G06K 9/46 6G06K 9/56**
[25] EN
[54] **METHOD FOR PERFORMING CHARACTER RECOGNITION ON A PIXEL MATRIX**
[54] **PROCEDE DE RECONNAISSANCE DE CARACTERES SUR UNE MATRICE DE PIXELS**
[72] THOMPSON, ARCHIE L., US
[72] VAN SAUN, RICHARD A., US
[73] FAXTRIEVE, INC., US
[85] 1999-02-17
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[51] **Int.Cl. 6E04C 3/14**
[25] EN
[54] **ENGINEERED STRUCTURAL WOOD PRODUCT AND METHOD FOR ITS MANUFACTURE**
[54] **PRODUITS DU BOIS STRUCTURAUX DE HAUTE TECHNOLOGIE ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] HASENWINKLE, EARL D., US
[72] DIMAKIS, ALKIVADIS G., US
[72] BASSETT, KENDALL H., US
[72] WILDERMAN, RONALD C., US
[72] WAGNER, RICHARD E., US
[72] SELBY, JOHN S., US
[72] KERNS, JOHN W., US
[73] WEYERHAEUSER COMPANY, US
[85] 1999-02-19
[86] 1997-08-28 (PCT/US1997/015250)
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[30] US (08/708,273) 1996-09-03

[11] **2,264,314**
[13] C
[51] **Int.Cl. 6H04Q 7/36 6H04Q 7/38**
[25] EN
[54] **METHOD FOR OPERATING A WIRELESS TELECOMMUNICATIONS SYSTEM**
[54] **METHODE OPERATIONNELLE POUR SYSTEME DE TELECOMMUNICATIONS SANS FIL**
[72] KHANNA, SANJEEV, US
[72] KUMARAN, KRISHNAN, US
[73] LUCENT TECHNOLOGIES INC., US
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[25] EN
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[54] **SUSCEPTEUR POUR MATERIEL DE FABRICATION DES SEMICONDUCTEURS ET PROCEDE POUR L'OBTENIR**
[72] YUSHIO, YASUHISA, JP
[72] NATSUHARA, MASUHIRO, JP
[72] NAKATA, HIROHIKO, JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 1999-03-02
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[11] **2,265,351**
[13] C

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[54] **DISPENSER FOR FRONT LOADING WASHING MACHINE**
[54] **DISTRIBUTEUR POUR LAVEUSE A CHARGEMENT FRONTAL**
[72] BOWIE, SCOTT J., US
[72] SZAROLETTA, WILLIAM K., US
[72] JACKOVIN, GARY B., US
[72] KIEFER, LYNNE E., US
[72] HERR, NEDRA A., US
[72] MERKLE, SCOTT A., US
[73] MAYTAG CORPORATION, US
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[51] **Int.Cl. 6E04F 13/18 6E04C 2/20**
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[54] **REINFORCED VINYL SIDING**
[54] **REVETEMENT DE VINYLE RENFORCE**
[72] SCOTT, MICHAEL K., US
[72] MANNING, JOHN M., US
[73] CRANE PLASTICS COMPANY LLC, US
[22] 1999-03-25
[30] US (60/079,476) 1998-03-26

[11] **2,267,631**
[13] C

[51] **Int.Cl. 6A63D 15/00**
[25] EN
[54] **BILLIARD TABLE FOOT AND LEG HEIGHT ADJUSTER**
[54] **DISPOSITIF DE REGLAGE DE LA HAUTEUR DES PATTES ET DES PIEDS D'UNE TABLE DE BILLARD**
[72] MCCORMICK, WILLIAM R., US
[73] BRUNSWICK BOWLING & BILLIARDS CORPORATION, US
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[13] C

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[54] **MAGNIFYING SPECTACLES**
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[73] MOYSE, MARJORIE ANNE, GB
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[30] GB (9620889.7) 1996-10-07

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[13] C

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[25] EN
[54] **DISPOSABLE ABSORBENT GARMENT AND METHOD OF CONSTRUCTING THE SAME**
[54] **SOUS-VETEMENT ABSORBANT JETABLE ET PROCEDE DE FABRICATION ASSOCIE**
[72] LANGE, STEPHEN JOSEPH, US
[72] JOHNSON, LARRY KENNETH, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-04-14
[86] 1997-09-22 (PCT/US1997/016707)
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[30] US (08/730,752) 1996-10-15

[11] **2,268,650**
[13] C

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[25] EN
[54] **SUPERCONDUCTING HEAT TRANSFER MEDIUM**
[54] **MILIEU DE TRANSFERT DE CHALEUR SUPRACONDUCTEUR**
[72] QU, YUZHI, US
[73] QU, YUZHI, US
[85] 1999-04-14
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[30] US (60/029,266) 1996-10-25
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[11] **2,269,515**
[13] C

[51] **Int.Cl. 6F16H 3/093 6F16H 3/10**
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[54] **A TRANSMISSION**
[54] **TRANSMISSION**
[72] KLARICIC, BORIS, AU
[73] SELECT DESIGN TECHNOLOGIES LIMITED ACN 087 910 996, AU
[22] 1999-04-22

[11] **2,270,095**
[13] C

[51] **Int.Cl. 6G01M 11/00 6H04B 10/08**
[25] EN
[54] **APPARATUS FOR AND METHOD OF USING OPTICAL INTERFERENCE OF LIGHT PROPAGATING THROUGH AN OPTICAL FIBER LOOP**
[54] **METHODE D'UTILISATION DE L'INTERFERENCE OPTIQUE DE LA LUMIERE SE PROPAGEANT PAR L'INTERMEDIAIRE D'UNE BOUCLE EN FIBRE OPTIQUE ET APPAREIL CONNEXE**
[72] NIIMI, SHINICHI, JP
[72] UNAMI, YOSHIHARU, JP
[72] NAKAMURA, YASUSHI, JP
[73] FUJIKURA LTD., JP
[22] 1999-04-27
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[54] EQUIPEMENT RESISTANT A DE HAUTES TEMPERATURES
[72] NISHIURA, YUKIKO, JP
[72] TAKAHASHI, KOJI, JP
[72] KAWAI, HISATAKA, JP
[72] ABE, KATSUHIKO, JP
[72] TORIGOE, TAJI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 1999-05-11
[30] JP (10-162781) 1998-05-28

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[13] C

[51] Int.Cl. 6A61F 13/15
[25] EN
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[54] ARTICLES ABSORBANTS A LISIERES D'ETANCHEITE ENTOURANT LES JAMBES IMPREGNEES DE LOTION
[72] VANRIJSWIJCK, LAURA GRAVES SPALDING, US
[72] SCHULTE, THOMAS EDWARD, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-05-31
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[87] (WO1998/024391)
[30] US (08/766,386) 1996-12-03

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[13] C

[51] Int.Cl. 6H04L 12/16
[25] EN
[54] METHOD AND SYSTEM FOR USING A COMMUNICATION NETWORK TO SUPPLY TARGETED STREAMING ADVERTISING IN INTERACTIVE MEDIA
[54] PROCEDE ET SYSTEME POUR UTILISER UN RESEAU DE COMMUNICATION CIBLANT LA PUBLICITE EN CONTINU DANS UN MEDIA INTERACTIF
[72] PINALS, JEFFREY, US
[72] WOLFE, ROBERT L., US
[73] EHI PATENT CO. LLC, US
[22] 1999-06-10

[11] 2,274,927
[13] C

[51] Int.Cl. 6D01F 8/14 6D06M 16/00
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[54] FIBRES CONJUGUEES ET METHODE DE FABRICATION DE CES PRODUITS
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[72] KYOTO INSTITUTE OF TECHNOLOGY, JP
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[30] JP (10-305,622) 1998-10-27

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[13] C

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[25] EN
[54] INTEGRATED VACUUM PANEL INSULATION FOR THERMAL CABINET STRUCTURES
[54] ISOLATION SOUS VIDE INTEGREE POUR PANNEAUX DE CABINETS THERMIQUES
[72] SRIKANTH, RAMAMOORTHY, US
[72] HAWORTH, GEORGE JEFFREY, US
[73] MAYTAG CORPORATION, US
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[30] US (09/116,373) 1998-07-16

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[13] C

[51] Int.Cl. 6C07D 265/18
[25] EN
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[54] SYNTHESE ASYMETRIQUE DE BENZOXAZINONES
[72] RADESCA, LILIAN ALICIA, US
[72] PARSONS, RODNEY LAWRENCE JR., US
[72] CHOUDHURY, ANUSUYA, US
[72] PIERCE, MICHAEL ERNEST, US
[73] BRISTOL-MYERS SQUIBB PHARMA COMPANY, US
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[86] 1997-12-15 (PCT/US1997/022674)
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[30] US (60/032,980) 1996-12-16
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[13] C

[51] Int.Cl. 6B65H 39/06 6B65H 31/30 6B65H 5/34
[25] EN
[54] METHOD AND APPARATUS FOR MERGING SHINGLED SIGNATURE STREAMS
[54] METHODE ET DISPOSITIF D'EMPILEMENT EN DECALE DE CAHIERS D'IMPRIMERIE
[72] COLLINS, MICHAEL A., US
[73] COLLINS, MICHAEL A., US
[22] 1999-06-21

[11] 2,276,979
[13] C

[51] Int.Cl. 6H01P 5/04 6G01S 13/72
[25] EN
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[54] COUPLEUR DIRECTIF, DISPOSITIF D'ANTENNE, ET APPAREIL EMETTEUR-RECEPTEUR
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[72] TANIZAKI, TORU, JP
[72] TAKAKUWA, IKUO, JP
[72] HIGASHI, KAZUTAKA, JP
[73] MURATA MANUFACTURING CO., LTD., JP
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[30] JP (11-160100) 1999-07-07

[11] 2,277,248
[13] C

[51] Int.Cl. 6F23G 7/08
[25] EN
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[73] PORTA-STACK INC., CA
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[13] C

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6B41J 13/00 6B41J 15/04 6G06F 17/60**
[25] EN
[54] **AUTOMATED TELLER MACHINE
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MECHANISM**
[54] **MECANISME DE TRANSPORT DE
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[72] WELLBAUM, WAYNE D., US
[72] MEYER, JERRY L., US
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[30] US (08/258,040) 1994-06-10

[11] **2,279,157**
[13] C

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6B60S 13/00**
[25] EN
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[73] LEFEBVRE, NORMAND, CA
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[11] **2,280,937**
[13] C

[51] **Int.Cl. 6G02B 6/42 6H01L 23/057**
[25] FR
[54] **BOITIER ELECTRONIQUE OU
OPTOELECTRONIQUE A INSERT
CERAMIQUE**
[54] **ELECTRONIC OR
OPTOELECTRONIC HOUSING WITH
CERAMIC INSERT**
[72] DODY, JEAN-NOEL, FR
[72] HAVASI, MARC, FR
[73] EGIDE S.A., FR
[85] 1999-08-10
[86] 1998-02-13 (PCT/FR1998/000284)
[87] (WO1998/036305)
[30] FR (97/02177) 1997-02-14

[11] **2,281,183**
[13] C

[51] **Int.Cl. 6F28D 20/00 6F25C 1/00
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[25] EN
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STORAGE TOWER**
[54] **SERPENTIN DE
REFROIDISSEMENT POUR TOUR
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[72] MCCULLOUGH, JOHN M., US
[72] SMITH, GLENN W., US
[73] BALTIMORE AIRCOIL COMPANY,
INCORPORATED, US
[22] 1999-08-30
[30] US (09/256,522) 1999-02-24

[11] **2,284,214**
[13] C

[51] **Int.Cl. 6G06F 11/22**
[25] EN
[54] **SYSTEM AND METHOD FOR
AUTOMATICALLY MAINTAINING A
COMPUTER SYSTEM**
[54] **SYSTEME ET PROCEDE
D'ENTRETIEN AUTOMATIQUE D'UN
SYSTEME D'ORDINATEURS**
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[73] SYMANTEC CORPORATION, US
[85] 1999-09-17
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[87] (WO1998/041920)
[30] US (08/820,573) 1997-03-19

[11] **2,284,329**
[13] C

[51] **Int.Cl. 6B25B 23/06**
[25] EN
[54] **FASTENER-DRIVING
ACCESSORY FOR ROTARY DRIVING
TOOL**
[54] **ACCESSOIRE DE FIXATION
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[73] ILLINOIS TOOL WORKS INC., US
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[13] C

[51] **Int.Cl. 6F16K 24/04**
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SYSTEM**
[54] **SYSTEME DE REGULATION DE
LA VENTILATION D'UN RESERVOIR**
[72] KING, TIMOTHY J., US
[72] CHESTNUT, BARRY S., US
[73] STANT MANUFACTURING INC., US
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[30] US (60/045,709) 1997-05-06
[30] US (08/853,530) 1997-05-09

[11] **2,286,563**
[13] C

[51] **Int.Cl. 6B02C 15/06**
[25] FR
[54] **PERFECTIONNEMENTS AUX
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[54] **IMPROVEMENTS TO RING-
ROLLER CRUSHER**
[72] CHEVALIER, PHILIPPE, FR
[72] CORDONNIER, ALAIN, FR
[72] LAGACHE, PHILIPPE, FR
[72] OBRY, CHRISTOPHE, FR
[73] FCB, FR
[85] 1999-10-12
[86] 1997-04-15 (PCT/FR1997/000680)
[87] (WO1998/046356)

[11] **2,286,744**
[13] C

[51] **Int.Cl. 6G07D 1/00 6G07D 9/00
6G07F 5/24**
[25] EN
[54] **METHOD AND APPARATUS FOR
MONEY PROCESSING**
[54] **PROCEDE ET APPAREIL DE TRI
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[72] ISHIDA, TAKESHI, JP
[72] YAMADA, JUN, JP
[73] KABUSHIKI KAISHA NIPPON
CONLUX, JP
[85] 1999-10-14
[86] 1999-02-12 (PCT/JP1999/000630)
[87] (WO1999/042958)
[30] JP (36037/1998) 1998-02-18

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[13] C
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[25] EN
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[54] **SYSTEME EN RESEAU DE MESURE DE L'AIR**
[72] SHARP, GORDON P., US
[73] AIRCUIITY, INC., US
[85] 1999-10-14
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[87] (WO1998/046978)
[30] US (08/843,413) 1997-04-15

[11] **2,288,779**
[13] C
[51] **Int.Cl. 6H04B 7/216 6H04J 13/00**
[25] EN
[54] **DEVICE AND METHOD FOR EXCHANGING FRAME MESSAGES OF DIFFERENT LENGTHS IN CDMA COMMUNICATION SYSTEM**
[54] **DISPOSITIF ET PROCEDE POUR ECHANGER DES MESSAGES A TRAMES DE PLUSIEURS LONGUEURS DANS UN SYSTEME DE COMMUNICATION AMDC**
[72] PARK, JIN-SOO, KR
[72] YOON, SOON YOUNG, KR
[72] KANG, HEE-WON, KR
[72] LEE, HYUN-SUK, KR
[72] KIM, YOUNG-KY, KR
[72] AHN, JAE-MIN, KR
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[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[30] KR (1998/9389) 1998-03-14
[30] KR (1998/14878) 1998-04-25

[11] **2,290,956**
[13] C
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[25] EN
[54] **SYSTEM AND METHOD FOR RECORDING PAY TV PROGRAMS**
[54] **SYSTEME ET PROCEDE POUR ENREGISTREMENT D'EMISSIONS DE T.V. PAYANTES**
[72] BROWN, MEGAN LOUISE, US
[72] SCHNEIDEWEND, DANIEL RICHARD, US
[72] WESTLAKE, MARK SHERIDAN, US
[72] GEIS, JEROME PAUL, US
[72] MCLANE, MICHAEL JOSEPH, US
[72] RANDALL, DARREL WAYNE, US
[73] THOMSON CONSUMER ELECTRONICS, INC., US
[85] 1999-11-25
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[30] US (60/048,879) 1997-06-06

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[13] C
[51] **Int.Cl. 7H04B 7/005 7H04J 13/00 7H04B 7/216 7H04Q 7/38**
[25] EN
[54] **POWER LEVEL ARBITRATION BETWEEN BASE STATION AND MOBILE STATION IN MOBILE COMMUNICATION SYSTEM**
[54] **ARBITRAGE CONCERNANT LES NIVEAUX DE PUISSANCE ENTRE STATIONS DE BASE ET STATIONS MOBILES D'UN SYSTEME DE TELECOMMUNICATIONS**
[72] HWANG, YOUNG JUN, KR
[72] AHN, JAE MIN, KR
[72] MOON, HI CHAN, KR
[72] CHOI, JIN WOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[86] 1999-04-26 (PCT/KR1999/000197)
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[30] KR (1998/14880) 1998-04-25

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[13] C
[51] **Int.Cl. 7C12N 15/11 7C12N 15/31**
[25] EN
[54] **ANTISENSE OLIGONUCLEOTIDE SEQUENCES AS INHIBITORS OF MICROORGANISMS**
[54] **SEQUENCES OLIGONUCLEOTIDIQUES ANTISENS SERVANT D'INHIBITEURS DE MICRO-ORGANISMES**
[72] WRIGHT, JIM A., CA
[72] DUGOURD, DOMINIQUE, CA
[72] YOUNG, AIPING H., CA
[73] GENESENSE TECHNOLOGIES INC., CA
[85] 1999-12-16
[86] 1998-07-10 (PCT/CA1998/000666)
[87] (WO1999/002673)
[30] US (60/052,160) 1997-07-10

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[25] EN
[54] **MICROWAVE OVEN**
[54] **FOUR A MICRO-ONDES**
[72] LIM, DONG-BIN, KR
[72] LEE, WON-WOO, KR
[72] JEONG, JOON-YOUNG, KR
[72] JANG, BO-IN, KR
[72] PARK, TAE-SOO, KR
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[73] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2000-01-13
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[11] **2,296,078**
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[51] **Int.Cl. 7H04B 7/208 7H04J 1/16**
[25] EN
[54] **MULTICARRIER DEMUX/DEMODO (MCDD) WIRELESS NETWORK ARCHITECTURE**
[54] **ARCHITECTURE DE RESEAU SANS FIL A PORTEUSES MULTIPLES DEMULTIPLEXEUR/DEMULATEUR (MCDD)**
[72] CHITRE, DATTAKUMAR M., US
[72] SAYEGH, SOHEIL I., US
[73] COMSAT CORPORATION, US
[85] 2000-01-12
[86] 1998-07-15 (PCT/US1998/014200)
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[54] **SYSTEME DE MONTAGE DE ROBINET AVEC SOCLE AMELIORE**
[72] ROTH, MARK W., US
[72] HOLZHEIMER, JOHN C., US
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[73] MOEN INCORPORATED, US
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[11] **2,302,675**
[13] C

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[54] **MICROPUMP**
[54] **MICROPOMPE**
[72] PARCE, JOHN WALLACE, US
[73] CALIPER TECHNOLOGIES CORPORATION, US
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[11] **2,302,753**
[13] C

[51] **Int.Cl. 7G06F 7/00 7G06F 7/08**
[25] EN
[54] **METHOD AND APPARATUS FOR ESTABLISHING AND MANAGING VENDING MACHINE SUBSCRIPTIONS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE S'ABONNER A UN DISTRIBUTEUR AUTOMATIQUE**
[72] LECH, ROBERT R., US
[72] TEDESCO, DANIEL E., US
[72] JORASCH, JAMES A., US
[73] WALKER DIGITAL, LLC, US
[85] 2000-03-08
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[13] C

[51] **Int.Cl. 7H04N 1/56 7H04L 9/32**
[25] EN
[54] **DIGITAL IMAGING METHOD AND APPARATUS FOR DETECTION OF DOCUMENT SECURITY MARKS**
[54] **METHODE ET APPAREIL D'IMAGERIE NUMERIQUE PERMETTANT DE DETECTER LES MARQUES DE SECURITE DANS LES DOCUMENTS**
[72] FAN, ZHIGANG, US
[73] XEROX CORPORATION, US
[22] 2000-04-14
[30] US (09/328,481) 1999-06-09

[11] **2,306,310**
[13] C

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[25] EN
[54] **AGRICULTURAL VEHICLE AND IMPLEMENT WITH WHEELS**
[54] **RECOLTEUSE A ROUES MUNIE D'UN OUTIL DE RECOLTE**
[72] HOLTKOTTE, EBERHARD, DE
[72] VOGELGESANG, CLAUS-JOSEPH, DE
[72] SCHAFFER, RAINER, DE
[72] WUBBELS, RICHARD, DE
[73] DEERE & COMPANY, US
[73] MASCHINENFABRIK KEMPER GMBH, DE
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[13] C

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[54] **ASK MODULATOR AND COMMUNICATION DEVICE USING THE SAME**
[54] **MODULATEUR PAR DEPLACEMENT D'AMPLITUDE ET DISPOSITIF DE COMMUNICATION SERVANT DUDIT MODULATEUR**
[72] SASABATA, AKIHIRO, JP
[72] NAKAO, MOTOYASU, JP
[72] OKAMOTO, SHIGEKAZU, JP
[73] MURATA MANUFACTURING CO., LTD., JP
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[30] JP (11-122509) 1999-04-28

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[13] C

[51] **Int.Cl. 7A01D 41/127**
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[54] **ARRANGEMENT FOR THE CONTROL OF THE FORWARD PROPULSION SPEED OF A HARVESTING MACHINE WITH FUZZY LOGIC**
[54] **MECANISME DE COMMANDE DE LA VITESSE DE PROPULSION AVANT D'UNE MACHINE DE RECOLTE A LOGIQUE FLOUE**
[72] WEBER, KONRAD ANDREAS, DE
[73] DEERE & COMPANY, US
[22] 2000-05-05
[30] DE (199 21 466.2) 1999-05-08

[11] **2,311,586**
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[51] **Int.Cl. 6G02B 5/18 6G02B 6/16 6G03F 7/20 6G02B 6/34**
[25] EN
[54] **AMPLITUDE MASK, AND APPARATUS AND METHOD FOR MANUFACTURING LONG PERIOD GRATING FILTER USING THE SAME**
[54] **MASQUE D'AMPLITUDE, ET DISPOSITIF ET PROCEDE PERMETTANT DE FABRIQUER UN FILTRE EN RESEAU A PERIODE LONGUE COMPORTANT LEDIT MASQUE**
[72] JANG, JOO-NYUNG, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2000-05-24
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[11] **2,312,873**
[13] C

[51] **Int.Cl. 6B29C 33/04 6B29C 33/10 6B29C 35/16**
[25] EN
[54] **MOLD BLOCK WITH AIR FLOW CONTROL**
[54] **BLOC A MOULER MUNI D'UN CONTROLEUR DE DEBIT D'AIR**
[72] LUPKE, MANFRED A. A., CA
[72] LUPKE, STEFAN A., CA
[73] LUPKE, MANFRED A. A., CA
[73] LUPKE, STEFAN A., CA
[85] 2000-06-02
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MONITOR SYSTEM FOR AUTOMATED
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[54] SYSTEME AMELIORE DE
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GUICHETS AUTOMATIQUES
BANCAIRES
[72] D'ANNIBALLE, CRAIG W., US
[72] PATTERSON, TERRY, US
[72] STEWART, TOM, US
[73] DIEBOLD, INCORPORATED, US
[22] 2000-07-11

[11] 2,314,142
[13] C

[51] Int.Cl. 6D02J 1/08
[25] EN
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FLOW CONTROL PLATE
[54] JET DE TRAITEMENT DE FILS
PRESENTANT UNE PLAQUE DE
REGLAGE DE DEBIT
[72] TODD, MAURICE CORNELIUS, US
[73] E.I. DU PONT DE NEMOURS AND
COMPANY, US
[85] 2000-06-13
[86] 1999-01-11 (PCT/US1999/000646)
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[30] US (09/012,863) 1998-01-23

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[25] EN
[54] REDUCED-DRAG TRAILER
[54] REMORQUE A TRAINEE
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[72] KINGHAM, JAMES, CA
[73] KINGHAM, JAMES, CA
[22] 2000-08-03
[30] US (09/371,965) 1999-08-10

[11] 2,316,617
[13] C

[51] Int.Cl. 7C02F 11/04 7B65G 5/00
[25] EN
[54] METHOD FOR BIOSOLID
DISPOSAL AND METHANE
GENERATION
[54] METHODE POUR
L'ELIMINATION DE BIOSOLIDES ET
LA PRODUCTION DE METHANE
[72] BILAK, ROMAN A., CA
[72] DUSSEAULT, MAURICE B., CA
[72] BRUNO, MICHAEL S., US
[73] TERRALOG TECHNOLOGIES USA,
INC., US
[73] TERRALOG TECHNOLOGIES INC.,
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[22] 2000-08-22
[30] US (60/150,677) 1999-08-25
[30] US (09/620,085) 2000-07-20

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[13] C

[51] Int.Cl. 7C02F 1/62
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[54] ARSENIC FILTERING MEDIA
[54] MATIERE FILTRANTE POUR
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[72] BERRY, RONALD C., CA
[72] MCMULLIN, MICHAEL J., CA
[72] WINCHESTER, ERIC L., CA
[73] BERRY, RONALD C., CA
[73] MCMULLIN, MICHAEL J., CA
[73] WINCHESTER, ERIC L., CA
[22] 2000-08-29
[30] US (09/407,708) 1999-09-28

[11] 2,318,265
[13] C

[51] Int.Cl. 7A22C 11/02
[25] EN
[54] MOUNTING ASSEMBLY FOR
DETACHABLY SUPPORTING
STUFFING TUBES ON SAUSAGE
ENCASING MACHINES
[54] MONTAGE POUR UN SUPPORT
AMOVIBLE DE TUBES DE BOURRAGE
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FABRIQUER DES SAUCISSES
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[72] HAMBLIN, DAVID S., US
[73] TOWNSEND ENGINEERING
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[13] C

[51] Int.Cl. 6B01D 71/52 6B01D 67/00
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[25] EN
[54] PROCESS OF FORMING A
PERMEABLE GAS SEPARATION
MATERIAL
[54] PROCEDE DE CREATION D'UN
MATERIAU PERMEABLE SERVANT A
SEPARER DES GAZ
[72] DENG, SHENGZHI, CA
[72] VUJOSEVIC, RANKA, CA
[72] YAO, BOPING, CA
[72] MATSUURA, TAKESHI, CA
[72] LAVERTY, BRENDAN WILLIAM,
GB
[72] CHOWDHURY, GEETA, CA
[73] LATTICE INTELLECTUAL
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[87] (WO1999/042204)
[30] GB (9803332.7) 1998-02-18
[30] GB (9812239.3) 1998-06-08

[11] 2,321,037
[13] C

[51] Int.Cl. 6H01S 3/13 6G02B 5/20
[25] EN
[54] METHOD AND APPARATUS FOR
MONITORING AND CONTROL OF
LASER EMISSION WAVELENGTH
[54] PROCEDE ET DISPOSITIF POUR
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LONGUEUR D'ONDE DE
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[72] MUNKS, TIMOTHY C., US
[72] DUNN, PAUL E., US
[72] ALLIE, DAVID J., US
[73] JDS UNIPHASE CORPORATION, US
[85] 2000-08-15
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[13] C

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[25] EN
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[54] **INTERRUPTEUR A SEMICONDUCTEURPHOTOSENSIBLE AVEC PROTECTION CONTRE LES COURT-CIRCUITS DE LA CHARGE**
[72] NAGAHAMA, HIDEO, JP
[72] HAGIHARA, YOSUKE, JP
[72] TOMII, KAZUSHI, JP
[73] MATSUSHITA ELECTRIC WORKS, LTD., JP
[22] 2000-09-26
[30] JP (JP11-273395) 1999-09-27
[30] JP (JP2000-016410) 2000-01-26

[11] **2,322,091**
[13] C

[51] **Int.Cl. 7B60C 27/00**
[25] EN
[54] **TRACTION DEVICE FOR A WHEELED VEHICLE**
[54] **APPAREIL DE TRACTION DE VEHICULE A ROUES**
[72] ROBESON, PALMER, US
[73] EMERGENCY TRACTION DEVICE, LLC, US
[22] 2000-10-03
[30] US (60/158,371) 1999-10-12
[30] US (09/516,929) 2000-03-01

[11] **2,330,804**
[13] C

[51] **Int.Cl. 7H04M 1/738**
[25] EN
[54] **KEY TELEPHONE SYSTEM AND INTERFACE UNIT FOR KEY TELEPHONE**
[54] **SYSTEME TELEPHONIQUE A TOUCHES ET INTERFACE POUR TELEPHONE A TOUCHES**
[72] NIIYA, NORIMASA, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[22] 2001-01-12

[11] **2,332,397**
[13] C

[51] **Int.Cl. 6A61K 7/32**
[25] EN
[54] **METHOD OF MAKING ANTIPERSPIRANT POWDERS**
[54] **PROCEDE DE FABRICATION DE POUDRES ANTI-TRANSPIRATION**
[72] PROVANCAL, STEPHEN, US
[72] ORYSZCZAK, RICHARD, US
[72] ANGELONE, PHILIP P., III, US
[72] KARASSIK, NANCY, US
[73] THE GILLETTE COMPANY, US
[85] 2000-11-15
[86] 1999-06-16 (PCT/US1999/013520)
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[30] US (09/100,081) 1998-06-19

[11] **2,333,701**
[13] C

[51] **Int.Cl. 6A61K 7/00 6A61K 7/06 6A61K 31/22 6A61K 7/48 6C07C 69/675**
[25] EN
[54] **.ALPHA.-HYDROXY FATTY ACID DERIVATIVES AND EXTERNAL COMPOSITIONS CONTAINING THE SAME**
[54] **DERIVES D'ACIDES GRAS .ALPHA.-HYDROXY ET COMPOSITION EXTERNE RENFERMANT CES DERIVES**
[72] IKEMOTO, TAKESHI, JP
[72] NAKATSUGAWA, HIROKO, JP
[72] YAKUMARU, MASAFUMI, JP
[72] IWAMOTO, YOSHIKO, JP
[73] KANEBO, LIMITED, JP
[85] 2000-11-29
[86] 1999-05-27 (PCT/JP1999/002831)
[87] (WO1999/062463)
[30] JP (10/155706) 1998-06-04

[11] **2,338,510**
[13] C

[51] **Int.Cl. 6C09K 7/02 6E21B 21/00 6E21B 33/138**
[25] EN
[54] **APHRON-CONTAINING WELL DRILLING AND SERVICING FLUIDS OF ENHANCED STABILITY**
[54] **FLUIDES DE FORAGE ET D'ENTRETIEN D'UN Puits CONTENANT DES APHRONS A STABILITE AMELIOREE**
[72] BROOKEY, TOMMY F., US
[72] HOUSE, ROY F., US
[73] ACTISYSTEMS, INC., US
[85] 2001-01-23
[86] 1999-07-12 (PCT/US1999/015725)
[87] (WO2000/005323)
[30] US (09/121,713) 1998-07-24

[11] **2,352,451**
[13] C

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **HIGH THROUGHPUT METHOD FOR DISCOVERY OF GENE CLUSTERS**
[54] **METHODE A HAUT RENDEMENT POUR LA DECOUVERTE D'AGREGATS DE GENES**
[72] ZAZOPOULOS, EMMANUEL, CA
[72] STAFFA, ALFREDO, CA
[72] FARNET, CHRIS M., CA
[73] ECOPIA BIOSCIENCES INC., CA
[22] 2001-07-24

[11] **2,365,525**
[13] C

[51] **Int.Cl. 7G11B 17/02**
[25] EN
[54] **MINI DISC PLAYER**
[54] **APPAREIL D'ENREGISTREMENT ET/OU DE LECTURE MINIATURISE**
[72] KANADA, TOKIO, JP
[72] OGATA, AKIHIRO, JP
[73] SONY CORPORATION, JP
[22] 1994-08-23
[62] 2,130,710
[30] JP (P05-234273) 1993-08-26
[30] JP (P05-234274) 1993-08-26

[11] **2,383,387**
[13] C

[51] **Int.Cl. 7G07C 15/00 7G06F 7/58**
[25] EN
[54] **RANDOM NUMBER GENERATOR FOR ELECTRONIC APPLICATIONS**
[54] **GENERATEUR DE NOMBRES ALEATOIRES POUR APPLICATIONS ELECTRONIQUES**
[72] YFANTIS, EVANGELOS ANDREW, US
[72] KAY, TIMOTHY L., US
[73] IGT, US
[22] 1997-06-18
[62] 2,259,168
[30] US (08/665,699) 1996-06-18

[11] **2,385,223**
[13] C

[51] **Int.Cl. 7A47G 29/00 7F16M 11/02 7A47B 41/06 7G06F 1/16**
[25] FR
[54] **SUPPORT ESCAMOTABLE ENCASTRABLE EN SURFACE**
[54] **HIDEAWAY SUPPORT**
[72] GILBERT, JEAN, CA
[73] GILBERT, JEAN, CA
[22] 2002-05-15

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March 16, 2003 - March 22, 2003

Demands canadiennes mises à la disponibilité du public

16 mars 2003 - 22 mars 2003

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[13] A1

[51] **Int.Cl. 7A63C 17/02**
[25] EN
[54] **BI-FUNCTIONAL ROLLER SKATE**
[54] **PATIN A ROULETTES**
BIFONCTIONNELLE
[72] HUANG, HUNG-LUNG, TW
[71] LEE, JONG-MING, TW
[71] HUANG, HUNG-LUNG, TW
[71] OCEAN WELL FOOTWEAR CO.,
LTD., TW
[22] 2001-09-17
[43] 2003-03-17

[21] **2,357,355**
[13] A1

[51] **Int.Cl. 7A61G 17/00**
[25] EN
[54] **CASKET INTERIOR KIT**
[54] **HABILLAGE INTERIEUR DE**
CERCUEIL
[72] OUELLET, JOCELYN, CA
[72] BEAULIEU, BENOIT M., CA
[72] MICHAUD, GUILLAUME, CA
[71] OUELLET, JOCELYN, CA
[71] BEAULIEU, BENOIT M., CA
[71] MICHAUD, GUILLAUME, CA
[22] 2001-09-17
[43] 2003-03-17

[21] **2,357,357**
[13] A1

[51] **Int.Cl. 7B27K 3/16 7B27N 3/00**
7B27K 3/22
[25] EN
[54] **METHOD OF TREATING**
BUILDING MATERIALS WITH BORON
AND BUILDING MATERIALS
[54] **METHODE DE TRAITEMENT DE**
MATERIAUX DE CONSTRUCTION AU
BORE ET MATERIAUX DE
CONSTRUCTION AINSI OBTENUS
[72] WALL, CALVIN LEE MICHAEL, CA
[72] SMART, RYAN GEORGE, CA
[72] WALL, WESLEY JAMES, CA
[71] GENICS INC., CA
[22] 2001-09-17
[43] 2003-03-17

[21] **2,357,382**
[13] A1

[51] **Int.Cl. 7G06F 9/44 7G06F 17/30**
[25] EN
[54] **SOFTWARE UPDATE METHOD,**
APPARATUS AND SYSTEM
[54] **METHODE, APPAREIL ET**
SYSTEME DE MISE A NIVEAU DE
LOGICIELS
[72] FRAZER, MARK, CA
[72] RIVARD, PHILIPPE A., CA
[71] SOMA NETWORKS, INC., US
[22] 2001-09-17
[43] 2003-03-17

[21] **2,357,385**
[13] A1

[51] **Int.Cl. 7C08F 4/64 7C08F 10/02**
[25] EN
[54] **SUPPORTED PHOSPHINIMINE**
POLYMERIZATION CATALYST
[54] **CATALYSEUR DE**
POLYMERISATION A BASE DE
PHOSPHINIMINE SUR SUPPORT
[72] DONALDSON, ROBERT D., CA
[72] MCKAY, IAN, CA
[72] GAO, XIAOLIANG, CA
[72] CHISHOLM, P. SCOTT, CA
[71] NOVA CHEMICALS
CORPORATION, CA
[22] 2001-09-17
[43] 2003-03-17

[21] **2,357,392**
[13] A1

[51] **Int.Cl. 7A01N 59/20 7A01N 25/02**
7B27K 3/22
[25] EN
[54] **METHOD OF MANUFACTURE OF**
A LIQUID PESTICIDE CONTAINING
COPPER AND A LIQUID PESTICIDE
CONTAINING COPPER
[54] **METHODE DE FABRICATION**
D'UN PESTICIDE LIQUIDE
RENFERMANT DU CUIVRE ET
PESTICIDE LIQUIDE RENFERMANT
DU CUIVRE
[72] WALL, WESLEY JAMES, CA
[72] WALL, CALVIN LEE MICHAEL, CA
[72] SMART, RYAN GEORGE, CA
[71] GENICS INC., CA
[22] 2001-09-17
[43] 2003-03-17

[21] **2,357,416**
[13] A1

[51] **Int.Cl. 7B32B 31/28 7B05D 5/00**
7B05D 3/06 7B32B 27/08 7E04F 15/10
7E04F 13/18 7B05D 7/24 7B32B 27/40
[25] EN
[54] **POLYURETHANE WEAR LAYERS**
HAVING CONTROLLED SPECULAR
GLOSS AND METHODS OF
CONTROLLING THE SPECULAR
GLOSS CHARACTERISTICS THEREOF
[54] **COUCHES D'USURE EN**
POLYURETHANE AFFICHANT A
BRILLANT SPECULAIRE REGULE ET
METHODES DE REGULATION DU
BRILLANT SPECULAIRE DES
COUCHES EN QUESTION
[72] CHAREST, CLAUDE L., CA
[72] MENARD, RENE, CA
[72] COURTOY, JEAN-FRANCOIS, CA
[72] GAUTHIER, MARTIN, CA
[71] DOMCO TARKETT INC., CA
[22] 2001-09-17
[43] 2003-03-17

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[21] **2,357,428**
[13] A1
[51] **Int.Cl. 7H04B 10/18 7G02B 27/28**
[25] EN
[54] **METHOD AND APPARATUS FOR COMPENSATING FOR POLARIZATION MODE DISPERSION IN OPTICAL DEVICES**
[54] **METHODE ET DISPOSITIF DE COMPENSATION DE LA DISTORSION EN MODE DE POLARISATION DE DISPOSITIFS OPTIQUES**
[72] ZHANG, JINGYUN, US
[71] ACCELIGHT INVESTMENTS, INC., US
[22] 2001-09-18
[43] 2003-03-18

[21] **2,357,437**
[13] A1
[51] **Int.Cl. 7A41B 1/12**
[25] EN
[54] **BLOUSE WITH DECORATIVE COLLAR**
[54] **BLOUSE A COLLET DECORATIF**
[72] KARASTAMATIS, STEPHAN, CA
[71] THE TDL GROUP LTD., CA
[22] 2001-09-18
[43] 2003-03-18

[21] **2,357,442**
[13] A1
[51] **Int.Cl. 7A47H 23/01**
[25] EN
[54] **WEIGHTED STRUCTURES**
[54] **STRUCTURES LESTEES**
[72] BOYLE, ROSS, GB
[71] BANDEX VERWALTUNGS-GMBH, AT
[22] 2001-09-18
[43] 2003-03-18

[21] **2,357,460**
[13] A1
[51] **Int.Cl. 7F02M 21/02**
[25] EN
[54] **INTEGRATED FUEL CONTROL UNIT FOR GAS-OPERATED ENGINES**
[54] **REGULATEUR D'ALIMENTATION INTEGRE POUR MOTEURS A GAZ**
[72] OXLEY, LONNIE, US
[71] GFI CONTROL SYSTEMS, INC., CA
[22] 2001-09-18
[43] 2003-03-18

[21] **2,357,465**
[13] A1
[51] **Int.Cl. 7C08F 236/12 7C07C 6/02 7C07C 11/02 7C08C 19/02 7C08F 236/06 7C08F 210/12**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF LOW MOLECULAR WEIGHT HYDROGENATED NITRILE RUBBER**
[54] **METHODE POUR PREPARER DU CAOUTCHOUC NITRILE HYDROGENE DE FAIBLE MASSE MOLECULAIRE**
[72] GUO, SHARON X., CA
[72] GUERIN, FREDERIC, CA
[71] BAYER INC., CA
[22] 2001-09-18
[43] 2003-03-18

[21] **2,357,470**
[13] A1
[51] **Int.Cl. 7C07C 11/02 7C07F 15/00 7C07C 6/02 7B01J 23/46**
[25] EN
[54] **PROCESS FOR THE METATHESIS OF FUNCTIONALIZED POLYMERS**
[54] **METHODE POUR LA METATHESE DE POLYMERES FONCTIONNALISES**
[72] GUERIN, FREDERIC, CA
[72] GUO, SHARON X., CA
[71] BAYER INC., CA
[22] 2001-09-18
[43] 2003-03-18

[21] **2,357,471**
[13] A1
[51] **Int.Cl. 7A47K 3/022 7A47K 3/062**
[25] EN
[54] **ELEVATING BATH SYSTEM**
[54] **BAIGNOIRE A PLATE-FORME ELEVATRICE**
[72] PEARCE, LAURI MICHAELE, CA
[71] ENABLING TECHNOLOGIES INC., CA
[22] 2001-09-19
[43] 2003-03-19

[21] **2,357,477**
[13] A1
[51] **Int.Cl. 7B63B 38/00 7B63B 49/00**
[25] EN
[54] **CONVOY OF TOWED OCEAN GOING CARGO VESSELS AND METHOD FOR SHIPPING CARGO ACROSS AN OCEAN**
[54] **CONVOI DE NAVIRES DE CHARGE OCEANIQUES REMORQUES ET METHODE DE TRANSPORT OCEANIQUE DE MARCHANDISES**
[72] DAVIES, ROBERT C., US
[71] DAVIES, ROBERT C., US
[22] 2001-09-19
[43] 2003-03-19

[21] **2,357,479**
[13] A1
[51] **Int.Cl. 7A47K 13/02**
[25] EN
[54] **A TOILET SEAT MADE OF SOFT HYGIENIC PLASTIC MATERIAL**
[54] **SIEGE DE TOILETTE EN PLASTIQUE MOU HYGIENIQUE**
[72] MENGHI, EMANUELA, IT
[72] PERARO, NADIA, IT
[71] NALISTE S.N.C. DI PERARO NADIA & C., IT
[71] ALEMPLAST-S.R.L., IT
[22] 2001-09-19
[43] 2003-03-19

[21] **2,357,480**
[13] A1
[51] **Int.Cl. 7B60S 3/06**
[25] EN
[54] **CAR WAXING MACHINE WITH DRIVING HANDLE**
[54] **MACHINE A CIRER POUR CARROSSERIE DE VOITURE ET POIGNEE DE MANOEUVRE**
[72] HUNG, VICTOR, TW
[71] SHINN FU CORPORATION, TW
[22] 2001-09-19
[43] 2003-03-19

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[21] **2,357,490**
[13] A1

[51] **Int.Cl. 7A63F 9/00**
[25] EN
[54] **NUMERICAL SPINNER HI-LOW COLOR GAME**
[54] **JEU DE ROULETTE NUMERIQUE DEUX COULEURS**
[72] DIGIROLAMO, SEVERINO, CA
[71] DIGIROLAMO, SEVERINO, CA
[22] 2001-09-18
[43] 2003-03-18

[21] **2,357,491**
[13] A1

[51] **Int.Cl. 7H03J 3/04 7H03H 11/12**
[25] EN
[54] **FILTER TUNING USING DIRECT DIGITAL SUB-SAMPLING**
[54] **METHODE POUR ACCORDER UN FILTRE PAR UN SOUS-ECHANTILLONNAGE DIRECT**
[72] MASON, RALPH, CA
[72] DEVRIES, CHRIS, CA
[71] MASON, RALPH, CA
[71] DEVRIES, CHRIS, CA
[22] 2001-09-17
[43] 2003-03-17

[21] **2,357,500**
[13] A1

[51] **Int.Cl. 7E04C 1/00**
[25] EN
[54] **BLOCKS**
[54] **BLOCS**
[72] AZAR, TONY, CA
[71] AZAR, TONY, CA
[22] 2001-09-19
[43] 2003-03-19

[21] **2,357,507**
[13] A1

[51] **Int.Cl. 7F24H 6/00**
[25] EN
[54] **SUPPLEMENTAL HOT WATER HEAT FOR FORCED AIR FURNACES**
[54] **ECHANGEUR DE CHALEUR EAU CHAUDE-APPAREIL DE CHAUFFAGE A AIR CHAUD**
[72] BOLSTER, ALFRED NEIL, CA
[71] 927967 ALBERTA LTD., CA
[22] 2001-09-17
[43] 2003-03-17

[21] **2,357,508**
[13] A1

[51] **Int.Cl. 7G09B 7/00 7G09B 7/04**
[25] EN
[54] **COMPUTERIZED METHOD OF AND SYSTEM FOR LEARNING**
[54] **METHODE ET SYSTEME D'APPRENTISSAGE INFORMATISES**
[72] RUDMIK, TOM R., CA
[71] PROFOUND LEARNING SYSTEMS INC., CA
[22] 2001-09-20
[43] 2003-03-20

[21] **2,357,509**
[13] A1

[51] **Int.Cl. 7E04H 4/00**
[25] EN
[54] **METHOD OF FORMING A SWIMMING POOL CONSTRUCTION**
[54] **METHODE DE CONSTRUCTION DE PISCINE**
[72] HABERLER, GERHARD, CA
[71] HABERLER, GERHARD, CA
[22] 2001-09-17
[43] 2003-03-17

[21] **2,357,511**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61K 9/06 7A61K 47/44**
[25] EN
[54] **GENITAL LUBRICATING COMPOSITIONS AND USES THEREOF**
[54] **COMPOSITIONS LUBRIFIANTES POUR ORGANES GENITAUX ET LEUR UTILISATION**
[72] LETOURNEAU, LUCIE ELISE, CA
[72] DUPLESSIS, SHIRLEY, CA
[71] CANOLIO INC., CA
[22] 2001-09-20
[43] 2003-03-20

[21] **2,357,512**
[13] A1

[51] **Int.Cl. 7F24H 1/12**
[25] EN
[54] **HOT WATER AND STEAM GENERATING METHOD AND APPARATUS**
[54] **METHODE ET APPREIL DE PRODUCTION D'EAU CHAUDE ET DE VAPEUR**
[72] FLEMING, LEONARD WILLIAM, CA
[72] ROBINSON, EDGAR C., CA
[72] MURGU, CRISTIAN, CA
[71] INTERNATIONAL THERMAL INVESTMENTS LTD., CA
[22] 2001-09-17
[43] 2003-03-17

[21] **2,357,522**
[13] A1

[51] **Int.Cl. 7G01N 29/02 7H04B 10/17 7G01N 29/22**
[25] EN
[54] **ENHANCEMENT OF ACOUSTIC WAVE SENSOR RESPONSE BY ELECTRODE MODIFICATION**
[54] **AMELIORATION DE LA REPOSE D'UN CAPTEUR D'ONDES ACOUSTIQUES PAR UNE MODIFICATION DE SES ELECTRODES**
[72] GHAFOURI, SHAKOUR, CA
[72] THOMPSON, MICHAEL, CA
[71] SENSORCHEM INTERNATIONAL CORPORATION, CA
[22] 2001-09-20
[43] 2003-03-20

[21] **2,357,530**
[13] A1

[51] **Int.Cl. 7A24F 15/02**
[25] EN
[54] **CIGARETTE PACK HOLDER**
[54] **ETUI POUR PAQUET DE CIGARETTES**
[72] DAVIS, DOUGLAS A., CA
[71] DAVIS, DOUGLAS A., CA
[22] 2001-09-21
[43] 2003-03-21

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[21] **2,357,534**
[13] A1
[51] **Int.Cl. 7B21D 7/00 7B21D 41/04**
[25] EN
[54] **TOOLS**
[54] **OUTILS**
[72] LINDBERG, VERNE, US
[71] LINDBERG, VERNE, US
[22] 2001-09-21
[43] 2003-03-21

[21] **2,357,535**
[13] A1
[51] **Int.Cl. 7A63B 67/00**
[25] EN
[54] **HANDLE**
[54] **POIGNEE**
[72] CARDONI, RONALD JOSEPH, CA
[71] CARDONI, RONALD JOSEPH, CA
[22] 2001-09-17
[43] 2003-03-17

[21] **2,357,539**
[13] A1
[51] **Int.Cl. 7E21B 47/06**
[25] EN
[54] **DOWNHOLE GAUGE CARRIER APPARATUS**
[54] **PORTE-INSTRUMENT DE MESURE EN FOND-DE-TROU**
[72] ZILLINGER, FRED, CA
[71] ZILLINGER, FRED, CA
[22] 2001-09-21
[43] 2003-03-21

[21] **2,357,541**
[13] A1
[51] **Int.Cl. 7B64D 47/00**
[25] EN
[54] **ANTI-HIJACK AIRPLANE**
[54] **AVION A L'EPREUVE DES DETOURNEMENTS**
[72] BARDHAN, BARI BARON BIBBY, CA
[71] BARDHAN, BARI BARON BIBBY, CA
[22] 2001-09-17
[43] 2003-03-17

[21] **2,357,550**
[13] A1
[51] **Int.Cl. 7H02N 11/00**
[25] EN
[54] **ELECTRICAL GENERATOR - SOLID STATE CONFIGURATION**
[54] **GENERATRICE D'ELECTRICITE - CONFIGURATION A SEMI-CONDUCTEURS**
[72] JOHNSON, BUD T.J., CA
[71] JOHNSON, BUD T.J., CA
[22] 2001-09-18
[43] 2003-03-18

[21] **2,357,557**
[13] A1
[51] **Int.Cl. 7B42D 3/00**
[25] EN
[54] **REPORT COVER**
[54] **PROTEGE-DOCUMENTS**
[72] YAN, ALDOUS, CA
[71] YAN, ALDOUS, CA
[22] 2001-09-17
[43] 2003-03-17

[21] **2,357,558**
[13] A1
[51] **Int.Cl. 7F16L 37/113**
[25] EN
[54] **FLUID LINE CONNECTING SYSTEM**
[54] **CONNECTEUR POUR CANALISATIONS FLUIDIQUES**
[72] HALVORSEN, DONALD ALFRED, CA
[71] HALVORSEN, DONALD ALFRED, CA
[22] 2001-09-17
[43] 2003-03-17

[21] **2,357,559**
[13] A1
[51] **Int.Cl. 7C12Q 1/68 7C12Q 1/42 7G01N 33/574**
[25] EN
[54] **TUMOR DIAGNOSIS AND PROGNOSIS USING PROTEIN TYROSINE PHOSPHATASE 1B (PTP1B)**
[54] **DIAGNOSTIC ET PRONOSTIC D'UNE TUMEUR FAISANT APPEL A LA PROTEINE TYROSINE PHOSPHATASE 1B (PTP 1B)**
[72] FUJITA, DONALD A., CA
[72] PANG, ANDREW, CA
[72] BJORGE, JEFFREY D., CA
[71] FUJITA, DONALD A., CA
[71] PANG, ANDREW, CA
[71] BJORGE, JEFFREY D., CA
[22] 2001-09-19
[43] 2003-03-19

[21] **2,357,570**
[13] A1
[51] **Int.Cl. 7B63H 16/20**
[25] EN
[54] **WATER BICYCLE**
[54] **BICYCLETTE AQUATIQUE**
[72] LAU, VINCENT WAI SHUN, HK
[71] LAU, VINCENT WAI SHUN, HK
[22] 2001-09-21
[43] 2003-03-21

[21] **2,357,580**
[13] A1
[51] **Int.Cl. 7F03D 9/00**
[25] EN
[54] **MULTIPLE INSTALLATION VARIEGATED GENERATORS FOR FOSSIL FUEL- AND ELECTRIC-POWERED VEHICLES**
[54] **GENERATEURS DE PUISSANCE MULTIPLES A SOURCES D'ENERGIE VARIEES POUR VEHICULES HYBRIDES A MOTEURS THERMIQUE-ELECTRIQUE**
[72] WU, SHIANG-HUEI, TW
[71] WU, SHIANG-HUEI, TW
[22] 2001-09-21
[43] 2003-03-21

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[21] **2,357,582**
[13] A1

[51] **Int.Cl. 7H04L 12/40**
[25] EN
[54] **SLOTTED MEMORY ACCESS METHOD**
[54] **METHODE D'ACCES MEMOIRE SEGMENTEE**
[72] WANG, LINGHSIAO, US
[72] WANG, YEONG, US
[71] ZARLINK SEMICONDUCTOR V.N. INC., US
[22] 2001-09-21
[43] 2003-03-19
[30] US (09/956,179) 2001-09-19

[21] **2,357,602**
[13] A1

[51] **Int.Cl. 7A47G 9/02**
[25] EN
[54] **TEXTILE CONSTRUCTION**
[54] **CONSTRUCTION DE HOUSSE DE MATELAS**
[72] MACDONALD, ROBERT J., CA
[71] MACDONALD, ROBERT J., CA
[22] 2001-09-21
[43] 2003-03-21

[21] **2,357,603**
[13] A1

[51] **Int.Cl. 7A63B 47/02**
[25] EN
[54] **BALL-PICKING DEVICE**
[54] **RAMASSE-BALLE**
[72] FU, CHI-FONG, CN
[71] FU, CHI-FONG, CN
[22] 2001-09-20
[43] 2003-03-20

[21] **2,357,605**
[13] A1

[51] **Int.Cl. 7G10K 11/32 7G10K 9/122 7G01S 7/521**
[25] EN
[54] **AXIAL DRIVE RESONANT PIPE PROJECTOR**
[54] **GUIDE D'ONDES ACOUSTIQUE A GENERATEUR AXIAL**
[72] FRANKLIN, J. BARRIE, CA
[71] THE MINISTER OF NATIONAL DEFENCE, CA
[22] 2001-09-21
[43] 2003-03-21

[21] **2,357,612**
[13] A1

[51] **Int.Cl. 7E06B 9/303**
[25] EN
[54] **VENETIAN BLIND WITH UPPER AND LOWER SLAT UNITS THAT CAN BE ADJUSTED INDEPENDENTLY WITH RESPECT TO THEIR TILTING ANGLES**
[54] **STORE VENITIEN A LAMES SUPERIEURES ET INFERIEURES REGLABLES INDEPENDAMMENT DE LEUR ANGLE D'INCLINAISON**
[72] LIN, SHIH-MING, TW
[71] LIN, SHIH-MING, TW
[22] 2001-09-20
[43] 2003-03-20

[21] **2,357,616**
[13] A1

[51] **Int.Cl. 7B65D 83/00 7B65G 1/14**
[25] EN
[54] **PATTERN FOR FORMING A PAPER CUP STACK HOLDER**
[54] **DECOUPE POUR FORMER UN PORTE-GOBELETS EN PAPIER**
[72] YANG, CHIN SUON, TW
[71] YANG, CHIN SUON, TW
[22] 2001-09-20
[43] 2003-03-20

[21] **2,357,626**
[13] A1

[51] **Int.Cl. 7C21B 7/06 7A62D 3/00 7F27D 1/00 7C04B 40/02 7B01D 53/74**
[25] EN
[54] **PROCESS AND APPARATUS FOR CURING RESIN-BONDED REFRACTORY BRICK LINED LADLES**
[54] **PROCEDE ET APPAREIL DE POLYMERISATION DE LA RESINE ADHESIVE DU GARNISSAGE REFRACTAIRE DE POCHE DE COULEE**
[72] SALLABERGER, MANFRED, CA
[72] LOUKAS, PAUL W., CA
[71] ADVANCED COMBUSTION INC., CA
[22] 2001-09-21
[43] 2003-03-21

[21] **2,357,674**
[13] A1

[51] **Int.Cl. 7F02P 17/08 7G01M 15/00 7G01R 1/06 7G01R 13/20**
[25] EN
[54] **COIL IGNITION OSCILLOSCOPE ADAPTER**
[54] **ADAPTATEUR BOBINE D'ALLUMAGE-OSCILLOSCOPE**
[72] DUGGAN, ROD, CA
[71] DUGGAN, ROD, CA
[22] 2001-09-17
[43] 2003-03-17

[21] **2,357,675**
[13] A1

[51] **Int.Cl. 7A01B 59/048 7B60R 9/06**
[25] EN
[54] **SUSPENSION BY-PASS BRACKET FOR MOTOR VEHICLES**
[54] **DISPOSITIF DE MONTAGE DE MASSE NON SUSPENDUE POUR VEHICULES MOTEURS**
[72] BELZILE, LUC, CA
[71] BELZILE, LUC, CA
[22] 2001-09-17
[43] 2003-03-17

[21] **2,357,692**
[13] A1

[51] **Int.Cl. 7C04B 18/24 7B28B 5/00 7C04B 26/00 7C04B 40/00 7B28C 5/00 7C04B 16/02**
[25] EN
[54] **SUBSTITUTE ADMIXTURE FOR CRUSHED STONE, GRAVEL, SAND & THE LIKE**
[54] **ADJUVANT DE SUBSTITUTION POUR ROCHE CONCASSEE, GRAVIER, SABLE ET MATERIAUX ANALOGUES**
[72] AMBROSE, HARVEY, CA
[71] AMBROSE, HARVEY, CA
[22] 2001-09-19
[43] 2003-03-19

[21] **2,357,694**
[13] A1

[51] **Int.Cl. 7A63H 3/52**
[25] EN
[54] **THREE-DIMENSIONAL BUILT UP TOY WITH CHANGEABLE CLOTHES**
[54] **JOUET TRIDIMENSIONNEL A VETEMENTS DE RECHANGE**
[72] LIU, KUO-CHING, TW
[71] LIU, KUO-CHING, TW
[22] 2001-09-19
[43] 2003-03-19

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[21] **2,358,111**
[13] A1
[51] **Int.Cl. 7E04F 19/04**
[25] FR
[54] **SYSTEME D'ATTACHE ADAPTE
POUR DES PLINTHES OU MOULURES
DETACHABLES**
[54] **FASTENING SYSTEM FOR
REMOVABLE BASEBOARDS OR
MOLDINGS**
[72] CHABOT, ALAIN, CA
[72] MORIN, DANIEL, CA
[71] CHABOT, ALAIN, CA
[71] MORIN, DANIEL, CA
[22] 2001-09-18
[43] 2003-03-18

[21] **2,358,113**
[13] A1
[51] **Int.Cl. 7A46B 17/06 7B08B 7/00
7B05C 17/02**
[25] EN
[54] **THE SPINNER**
[54] **NETTOYEUR CENTRIFUGE DE
PINCEAUX ET ROULEAUX DE
PEINTRE**
[72] CUNNINGHAM, RUSSELL, CA
[72] WEEKES, TREVOR, CA
[71] CUNNINGHAM, RUSSELL, CA
[71] WEEKES, TREVOR, CA
[22] 2001-09-20
[43] 2003-03-20

[21] **2,358,146**
[13] A1
[51] **Int.Cl. 7A61K 35/12 7A61K 41/00
7A61P 15/06 7A61K 38/17**
[25] EN
[54] **A METHOD OF INHIBITING
IMMUNOLOGICALLY MEDIATED
ABORTIONS**
[54] **METHODE D'INHIBITION DES
AVORTEMENTS D'ORIGINE
IMMUNOLOGIQUE**
[72] BOCKSCH, LEILA, CA
[72] FEHMI, TARIK, CA
[72] KUSZNIERUK, KORNEL PATRICK,
CA
[71] BOCKSCH, LEILA, CA
[71] FEHMI, TARIK, CA
[71] KUSZNIERUK, KORNEL PATRICK,
CA
[22] 2001-09-19
[43] 2003-03-19

[21] **2,358,304**
[13] A1
[51] **Int.Cl. 7B66F 15/00**
[25] EN
[54] **LIFTING DEVICE FOR M.H.
COVER**
[54] **DISPOSITIF DE LEVAGE DE
TAMPON DE REGARD**
[72] MYINT, TOM, CA
[71] MYINT, TOM, CA
[22] 2001-09-19
[43] 2003-03-19

[21] **2,358,392**
[13] A1
[51] **Int.Cl. 7H02J 7/00**
[25] EN
[54] **BATTERY MANAGER**
[54] **REGULATEUR DE CHARGE-
DECHARGE D'ACCUMULATEURS**
[72] RICHES, ROSS, CA
[71] RICHES, ROSS, CA
[22] 2001-09-20
[43] 2003-03-20

[21] **2,358,404**
[13] A1
[51] **Int.Cl. 7F23G 7/10**
[25] EN
[54] **BIOMASS FUEL HEATING
APPARATUS**
[54] **APPAREIL DE CHAUFFAGE A
BIOMASSE**
[72] GECK, DALE, CA
[72] TOBIAS, HERBERT L., CA
[71] GECK, DALE, CA
[71] TOBIAS, HERBERT L., CA
[22] 2001-09-20
[43] 2003-03-20

[21] **2,358,406**
[13] A1
[51] **Int.Cl. 7G06F 19/00 7G08C 19/00
7G06F 17/60**
[25] EN
[54] **AUTOMATIC FUEL OIL
DELIVERY SYSTEM**
[54] **SYSTEME DE LIVRAISON DE
MAZOUT AUTOMATISE**
[72] DOYLE, MICHAEL E., CA
[71] DOYLE, MICHAEL E., CA
[22] 2001-09-19
[43] 2003-03-19

[21] **2,358,450**
[13] A1
[51] **Int.Cl. 7F25C 1/24**
[25] EN
[54] **SAFE FREEZE**
[54] **BAC A GLACE**
[72] HUMBER, MICHAEL, CA
[71] HUMBER, MICHAEL, CA
[22] 2001-09-19
[43] 2003-03-19

[21] **2,358,484**
[13] A1
[51] **Int.Cl. 7B62D 35/00**
[25] EN
[54] **TRUCK TRAILER DRAG
REDUCER**
[54] **REDUCTEUR DE TRAINEE
AERODYNAMIQUE POUR ENSEMBLE
ROUTIER**
[72] ANDRUS, PAUL G., CA
[71] ANDRUS, PAUL G., CA
[22] 2001-09-19
[43] 2003-03-19

[21] **2,359,098**
[13] A1
[51] **Int.Cl. 7A63F 9/24 7G06F 19/00**
[25] EN
[54] **GAMING DEVICE HAVING
GAMES WITH VARIABLE GAME
FUNCTIONS**
[54] **MACHINE DE JEU A FONCTIONS
DE JEU VARIABLES**
[72] SWIFT, BRIAN D., US
[72] CUDDY, RYAN W., US
[72] HUGHS-BAIRD, ANDREA C., US
[71] IGT, US
[22] 2001-10-15
[43] 2003-03-21
[30] US (09/960,879) 2001-09-21

[21] **2,361,850**
[13] A1
[51] **Int.Cl. 7B65D 41/56 7B65D 65/02**
[25] EN
[54] **SPLASH PROOF LID ASSEMBLY**
[54] **COUVERCLE ANTI-
ECLABOUSSURES**
[72] LUKACEVIC, TEMO, US
[71] LUKACEVIC, TEMO, US
[22] 2001-11-13
[43] 2003-03-20
[30] US (09/957,327) 2001-09-20

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[21] **2,364,316**
[13] A1

[51] **Int.Cl. 7H04L 29/02**
[25] EN
[54] **IMPROVED EFFICIENCY MASKED MATCHING**
[54] **METHODE D'APPARIEMENT DE MASQUES A EFFICACITE AMELIOR**
[72] LIAO, HENG, CA
[71] PMC-SIERRA LTD., CA
[22] 2001-12-03
[43] 2003-03-17
[30] US (09/953,215) 2001-09-17

[21] **2,364,672**
[13] A1

[51] **Int.Cl. 7F24F 7/02**
[25] EN
[54] **PASSIVE VENTING DEVICE**
[54] **DISPOSITIF DE MISE A L'AIR LIBRE PASSIF**
[72] MCKEE, JAMES H. A., CA
[71] CANPLAS INDUSTRIES LTD., CA
[22] 2001-09-20
[43] 2003-03-20

[21] **2,364,976**
[13] A1

[51] **Int.Cl. 7F16M 13/04**
[25] EN
[54] **ARM CRADLE FOR FISHING ROD AND SIMILAR ENLONGATED POLES AND RODS**
[54] **SUPPORT DE BRAS POUR CANNE A PECHE ET AUTRES PERCHES ET BARRES ANALOGUES**
[72] MACALUSO, MICHAEL, US
[71] MACALUSO, MICHAEL, US
[22] 2001-12-14
[43] 2003-03-18
[30] US (09/955,454) 2001-09-18

[21] **2,373,818**
[13] A1

[51] **Int.Cl. 7B65D 43/06**
[25] EN
[54] **SPLASH PROOF LID ASSEMBLY**
[54] **COUVERCLE ANTI-ECLABOUSSURES**
[72] LUKACEVIC, TEMO, US
[71] LUKACEVIC, TEMO, US
[22] 2002-02-27
[43] 2003-03-20
[30] US (09/957,327) 2001-09-20
[30] US (10/083,848) 2002-02-26

[21] **2,374,987**
[13] A1

[51] **Int.Cl. 7G08B 21/12**
[25] EN
[54] **PORTABLE GAS ALARM DEVICE**
[54] **DETECTEUR DE FUITE DE GAZ PORTATIF**
[72] KITAMURA, MASAHIDE, JP
[72] AO, YOSHIHARU, JP
[72] KOYANO, JUNICHI, JP
[72] TAJIMA, SHUJI, JP
[71] RIKEN KEIKI CO., LTD., JP
[22] 2002-03-08
[43] 2003-03-17
[30] JP (2001-281953) 2001-09-17

[21] **2,380,901**
[13] A1

[51] **Int.Cl. 7B65D 85/57**
[25] EN
[54] **OPTICAL DISC ACCOMMODATION CASE**
[54] **ETUI POUR DISQUE OPTIQUE**
[72] UCHIDA, HIROMICHI, JP
[71] TOYO CHEMICAL CO., LTD., JP
[22] 2002-04-05
[43] 2003-03-17
[30] JP (2001-280949) 2001-09-17
[30] JP (2002-35268) 2002-02-13

[21] **2,385,635**
[13] A1

[51] **Int.Cl. 7G01S 7/38 7F41H 13/00 7F41H 11/02 7G01S 7/495**
[25] EN
[54] **APPARATUS AND METHOD FOR PROVIDING A DECEPTION TRACKLESS AND RESPONSE SYSTEM**
[54] **APPAREIL ET METHODE DE LANCEMENT DE CONTRE-MESURES INDETECTABLES**
[72] ROSEFSKY, JONATHAN B., US
[71] ROSEFSKY, JONATHAN B., US
[22] 2002-06-06
[43] 2003-03-18
[30] US (09/877,806) 2001-06-08

[21] **2,386,720**
[13] A1

[51] **Int.Cl. 7A61K 31/167 7A61K 45/06 7A61K 45/08 7A61K 7/48**
[25] EN
[54] **ALCOHOL BASED TOPICAL ANESTHETIC FORMULATION AND METHOD**
[54] **FORMULATION POUR UN ANESTHESIQUE TOPIQUE ET MODE D'APPLICATION**
[72] CASTILLO, JAMES, US
[71] CASTILLO, JAMES, US
[22] 2002-05-17
[43] 2003-03-17
[30] US (09/954,494) 2001-09-17

[21] **2,388,138**
[13] A1

[51] **Int.Cl. 7A47L 9/16 7A47L 5/28**
[25] EN
[54] **CYCLONE DUST COLLECTING APPARATUS FOR VACUUM CLEANER**
[54] **COLLECTEUR DE POUSSIERE A CYCLONE POUR ASPIRATEUR**
[72] OH, JANG-KEUN, KR
[71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR
[22] 2002-05-29
[43] 2003-03-17
[30] KR (2001-57086) 2001-09-17

[21] **2,388,409**
[13] A1

[51] **Int.Cl. 7B60K 17/24 7F16C 33/72 7B63B 35/73**
[25] EN
[54] **DRIVE SHAFT BEARING STRUCTURE FOR WATERCRAFT**
[54] **PALIER D'ARBRE DE TRANSMISSION POUR VEHICULE MARIN**
[72] TSUCHIYA, MASAHIKO, JP
[72] FUSE, TOMOHIRO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-05-31
[43] 2003-03-18
[30] JP (2001-284063) 2001-09-18

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[21] **2,388,411**
[13] A1
[51] **Int.Cl. 7B63H 11/08**
[25] EN
[54] **WATER JET PROPELLER**
[54] **PROPULSEUR A JET D'EAU**
[72] FUSE, TOMOHIRO, JP
[71] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 2002-05-31
[43] 2003-03-18
[30] JP (2001-284064) 2001-09-18

[21] **2,388,413**
[13] A1
[51] **Int.Cl. 7F16C 35/04 7F16C 33/72**
7B63B 35/73
[25] EN
[54] **DRIVE SHAFT BEARING**
STRUCTURE FOR BOAT
[54] **PALIER D'ARBRE DE**
TRANSMISSION POUR VEHICULE
MARIN
[72] TSUCHIYA, MASAHIKO, JP
[72] FUSE, TOMOHIRO, JP
[71] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 2002-05-31
[43] 2003-03-18
[30] JP (2001-284062) 2001-09-18

[21] **2,389,958**
[13] A1
[51] **Int.Cl. 7G08B 29/18 7H04L 12/16**
7H04N 7/18 7G08B 5/22
[25] EN
[54] **VIDEO SECURITY SYSTEM**
[54] **SYSTEME DE SECURITE VIDEO**
[72] NAIDOO, SURENDRA N., US
[72] GLASGOW, WILLIAM P., US
[72] FELDKAMP, GREGORY E., US
[71] @SECURITY BROADBAND CORP.,
US
[22] 2002-06-10
[43] 2003-03-18
[30] US (09/954,976) 2001-09-18
[30] US (09/969,521) 2001-10-02

[21] **2,390,400**
[13] A1
[51] **Int.Cl. 7H05B 41/14 7H05B 41/46**
[25] EN
[54] **BALLAST WITH PROTECTION**
CIRCUIT FOR QUICKLY
RESPONDING TO ELECTRICAL
DISTURBANCES
[54] **BALLAST A CIRCUIT DE**
PROTECTION RAPIDE CONTRE LES
PERTURBATIONS ELECTRIQUES
[72] KONOPKA, JOHN G., US
[71] OSRAM SYLVANIA INC., US
[22] 2002-07-03
[43] 2003-03-17
[30] US (09/953,593) 2001-09-17

[21] **2,390,679**
[13] A1
[51] **Int.Cl. 7H04B 7/15 7H04H 1/00**
7H04B 3/03
[25] EN
[54] **RE-BROADCASTING SYSTEMS**
AND METHODS USING AUTOMATIC
GAIN CONTROL
[54] **SYSTEMES ET METHODES DE**
REDIFFUSION A COMMANDE
AUTOMATIQUE DE GAIN
[72] KOKOVIDIS, GEORGIOS, US
[72] PARISE, SERGIO, US
[71] UCENTRIC HOLDINGS, INC., US
[22] 2002-06-14
[43] 2003-03-21
[30] US (09/957,865) 2001-09-21

[21] **2,390,813**
[13] A1
[51] **Int.Cl. 7G01N 29/28**
[25] EN
[54] **ULTRASONIC SEARCH UNIT AND**
METHOD FOR PRODUCING THE
SAME
[54] **DETECTEUR A ULTRASONS ET**
METHODE DE PRODUCTION DU
DETECTEUR
[72] KOISHIHARA, YASUSHI, JP
[72] FUJII, KIYOSHI, JP
[71] MATSUSHITA ELECTRIC
INDUSTRIAL CO., LTD., JP
[22] 2002-06-17
[43] 2003-03-19
[30] JP (2001-285456) 2001-09-19

[21] **2,391,058**
[13] A1
[51] **Int.Cl. 7A45C 13/00**
[25] EN
[54] **BEZEL PANEL MOUNTING**
SYSTEM
[54] **DISPOSITIF DE MONTAGE DE**
CADRE SUR PANNEAU D'AFFICHAGE
[72] LEWANDOWSKI, STANLEY, US
[72] GAYDOS, MARK, US
[72] MILLIKEN, ROBERT, US
[71] HARDIGG INDUSTRIES, INC., US
[22] 2002-06-20
[43] 2003-03-20
[30] US (09/957,726) 2001-09-20

[21] **2,392,002**
[13] A1
[51] **Int.Cl. 7H04Q 7/36 7H04B 7/14**
[25] EN
[54] **METHOD AND APPARATUS FOR**
BAND-TO-BAND TRANSLATION IN A
WIRELESS COMMUNICATION
SYSTEM
[54] **METHODE ET APPAREIL DE**
TRANSPOSITION DE BANDE A BANDE
POUR SYSTEME DE
COMMUNICATION SANS FIL
[72] JUDD, MANO, D., US
[72] OMMODT, KEVIN, W., US
[71] ANDREW CORPORATION, US
[22] 2002-06-27
[43] 2003-03-20
[30] US (09/960,460) 2001-09-20

[21] **2,392,862**
[13] A1
[51] **Int.Cl. 7A61B 6/00 7A61B 17/00**
7A61B 19/00
[25] EN
[54] **ALIGNMENT VERIFICATION**
DEVICE AND METHOD OF USE
[54] **VERIFICATEUR D'ALIGNEMENT**
ET METHODE D'EMPLOI
[72] O'NEIL, MICHAEL J., US
[71] DEPUY ACROMED, INC., US
[22] 2002-07-08
[43] 2003-03-19
[30] US (09/955,680) 2001-09-19

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[21] **2,393,548**
[13] A1

[51] **Int.Cl. 7B65F 3/00**
[25] EN
[54] **CONTAINER HANDLER MOUNTING MECHANISM**
[54] **MONTAGE DE MECANISME DE MANUTENTION DE CONTENEURS**
[72] SCHRAFEL, TRACY, US
[71] MCNEILUS TRUCK AND MANUFACTURING, INC., US
[22] 2002-07-15
[43] 2003-03-19
[30] US (09/955,689) 2001-09-19

[21] **2,394,395**
[13] A1

[51] **Int.Cl. 7B27B 19/02**
[25] EN
[54] **RECIPROCATING SAW WITH FLUSH BLADE**
[54] **SCIE VA-ET-VIENT A LAME ENCASTREE**
[72] CLARK, WELDON H., JR., US
[71] TECHTRONIC INDUSTRIES CO., LTD., HK
[22] 2002-07-22
[43] 2003-03-20
[30] US (09/961,496) 2001-09-20

[21] **2,394,985**
[13] A1

[51] **Int.Cl. 7B63H 11/08**
[25] EN
[54] **JET PROPULSION WATERCRAFT**
[54] **VEHICULE MARIN A PROPULSION PAR JET**
[72] YOSHIDA, JO, JP
[72] FUSE, TOMOHIRO, JP
[72] KOCHI, TAKAO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-07-25
[43] 2003-03-18
[30] JP (2001-284067) 2001-09-18

[21] **2,393,826**
[13] A1

[51] **Int.Cl. 7B26B 19/38**
[25] EN
[54] **HAIR CLIPPER WITH TETHERED TRIMMER ATTACHMENT AND ON-BOARD ATTACHMENT STORAGE**
[54] **TONDEUSE A CHEVEUX A LOGEMENT DE RASOIR-EFFILEUR INTEGRE ET ATTACHE DE RETENUE DU RASOIR-EFFILEUR**
[72] MCCAMBRIDGE, JAMES, US
[72] MELTON, SCOTT, US
[71] WAHL CLIPPER CORPORATION, US
[22] 2002-07-16
[43] 2003-03-19
[30] US (09/955,802) 2001-09-19

[21] **2,394,674**
[13] A1

[51] **Int.Cl. 7B01D 71/68 7C25B 9/00 7H01M 8/10 7C07C 31/14**
[25] EN
[54] **SOLID POLYELECTROLYTE, ASSEMBLY OF MEMBRANE AND ELECTRODES, AND FUEL CELL**
[54] **POLYELECTROLYTE SOLIDE, ENSEMBLE MEMBRANE ET ELECTRODES ET PILE A COMBUSTIBLE**
[72] KOBAYASHI, TOSHIYUKI, JP
[72] YAMAGA, KENJI, JP
[72] KOYAMA, TOHRU, JP
[72] HIGASHIYAMA, KAZUTOSHI, JP
[72] KAMO, TOMOICHI, JP
[71] HITACHI, LTD., JP
[22] 2002-07-26
[43] 2003-03-21
[30] JP (2001-289493) 2001-09-21

[21] **2,395,008**
[13] A1

[51] **Int.Cl. 7B63H 25/46 7B63B 35/73**
[25] EN
[54] **JET PROPULSION BOAT**
[54] **VEHICULE MARIN A PROPULSION PAR JET**
[72] FUSE, TOMOHIRO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-07-25
[43] 2003-03-18
[30] JP (2001-283784) 2001-09-18

[21] **2,393,851**
[13] A1

[51] **Int.Cl. 7B26B 19/04**
[25] EN
[54] **ATTACHMENT FOR HAIR CLIPPERS**
[54] **ACCESSOIRE DE TONDEUSE A CHEVEUX**
[72] MCCAMBRIDGE, JAMES, US
[72] MELTON, SCOTT, US
[71] WAHL CLIPPER CORPORATION, US
[22] 2002-07-16
[43] 2003-03-19
[30] US (09/955,690) 2001-09-19

[21] **2,394,983**
[13] A1

[51] **Int.Cl. 7B63H 11/00 7B63B 1/32 7B63B 35/73**
[25] EN
[54] **JET PROPULSION WATERCRAFT**
[54] **VEHICULE MARIN A PROPULSION PAR JET**
[72] YOSHIDA, JO, JP
[72] FUSE, TOMOHIRO, JP
[72] KOCHI, TAKAO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-07-25
[43] 2003-03-18
[30] JP (2001-284096) 2001-09-18

[21] **2,395,011**
[13] A1

[51] **Int.Cl. 7B63H 25/46 7B63H 25/00**
[25] EN
[54] **STEERING NOZZLE ANGLE ADJUSTING MECHANISM FOR JET PROPULSION WATERCRAFT**
[54] **MECANISME DE REGLAGE DE LA TUYERE DE DIRECTION DE VEHICULE MARIN A PROPULSION PAR JET**
[72] FUSE, TOMOHIRO, JP
[72] NODA, YOSHIKI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-07-25
[43] 2003-03-18
[30] JP (2001-282745) 2001-09-18

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[21] **2,395,018**
[13] A1

[51] **Int.Cl. 7B63H 23/32**
[25] EN
[54] **DRIVE SHAFT CONNECTING STRUCTURE**
[54] **ACCOUPLLEMENT D'ARBRE DE TRANSMISSION**
[72] FUSE, TOMOHIRO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-07-25
[43] 2003-03-18
[30] JP (2001-284066) 2001-09-18

[21] **2,395,028**
[13] A1

[51] **Int.Cl. 7B60K 23/02**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE WITH HYDRAULICALLY OPERATED AUTOMATIC TRANSMISSION**
[54] **MOTEUR A COMBUSTION INTERNE A TRANSMISSION AUTOMATIQUE A COMMANDE HYDRAULIQUE**
[72] MATSUO, HISASHI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-07-25
[43] 2003-03-19
[30] JP (2001-284522) 2001-09-19

[21] **2,395,031**
[13] A1

[51] **Int.Cl. 7B63H 25/46**
[25] EN
[54] **JET PROPELLED WATERCRAFT**
[54] **VEHICULE MARIN A PROPULSION PAR JET**
[72] NAKAJIMA, JUN, JP
[72] FUSE, TOMOHIRO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-07-25
[43] 2003-03-18
[30] JP (2001-284060) 2001-09-18

[21] **2,395,154**
[13] A1

[51] **Int.Cl. 7H04L 7/00**
[25] EN
[54] **TECHNIQUE FOR SYNCHRONIZING CLOCKS IN A NETWORK**
[54] **TECHNIQUE DE SYNCHRONISATION DES HORLOGES D'UN RESEAU**
[72] AWEYA, JAMES, CA
[72] FELSKE, KENT E., CA
[72] MONTUNO, DELFIN Y., CA
[72] OUELLETTE, MICHEL, CA
[71] NORTEL NETWORKS LIMITED, CA
[22] 2002-07-25
[43] 2003-03-18
[30] US (60/323,125) 2001-09-18
[30] US (10/076,415) 2002-02-19

[21] **2,395,732**
[13] A1

[51] **Int.Cl. 7B65H 75/08**
[25] EN
[54] **TEXTILE TUBE WITH START-UP FEATURE**
[54] **BOBINE POUR FIL TEXTILE A ENCOCHE D'AMORCE**
[72] RUMMAGE, TONY F., US
[71] SONOCO DEVELOPMENT, INC., US
[22] 2002-07-26
[43] 2003-03-19
[30] US (09/955,634) 2001-09-19

[21] **2,395,797**
[13] A1

[51] **Int.Cl. 7G02B 5/08 7G02B 26/08**
[25] EN
[54] **METHOD AND APPARATUS FOR THE CORRECTION OF OPTICAL SIGNAL WAVE FRONT DISTORTION USING ADAPTIVE OPTICS**
[54] **METHODE ET APPAREIL UTILISANT UNE OPTIQUE ADAPTATIVE POUR CORRIGER LA DISTORSION D'UNE SURFACE D'ONDE LUMINEUSE**
[72] TYSON, JOHN ANTHONY, US
[72] KURCZYNSKI, PETER, US
[71] LUCENT TECHNOLOGIES INC., US
[22] 2002-07-26
[43] 2003-03-19
[30] US (60/323,378) 2001-09-19
[30] US (09/967,216) 2001-09-29

[21] **2,396,403**
[13] A1

[51] **Int.Cl. 7F16D 13/64 7F16D 13/74**
[25] EN
[54] **WET FRICTION PLATE ASSEMBLY**
[54] **PLATEAU DE FRICTION EN BAIN D'HUILE**
[72] TAJIMA, SHIGERU, JP
[72] KOGA, YUJI, JP
[72] KITAORI, KEN, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-07-31
[43] 2003-03-20
[30] JP (2001-287140) 2001-09-20

[21] **2,397,047**
[13] A1

[51] **Int.Cl. 7B23K 37/00 7B23K 9/095 7G06F 13/38**
[25] EN
[54] **PENDANT CONTROL FOR A WELDING-TYPE SYSTEM**
[54] **COMMANDE PENDANTE POUR SYSTEME DE SOUDAGE**
[72] HAYES, L. THOMAS, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2002-08-07
[43] 2003-03-19
[30] US (09/956,502) 2001-09-19

[21] **2,397,261**
[13] A1

[51] **Int.Cl. 7A61B 6/12 7A61B 5/05**
[25] EN
[54] **FERROMAGNETIC FOREIGN BODY DETECTION WITH BACKGROUND CANCELING**
[54] **METHODE DE DETECTION DE CORPS ETRANGERS FERROMAGNETIQUES QUI REJETTE LA REACTION AMBIANTE**
[72] MASSENGILL, R. KEMP, US
[72] CZIPOTT, PETER V., US
[72] AVRIN, WILLIAM F., US
[71] QUANTUM MAGNETICS, INC., US
[71] MEDNOVUS, INC., US
[22] 2002-08-08
[43] 2003-03-21
[30] US (09/960,878) 2001-09-21

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[21] **2,397,278**
[13] A1

[51] **Int.Cl. 7G04G 7/02 7G01S 5/14**
[25] EN
[54] **WIRELESS SYNCHRONOUS TIME SYSTEM**
[54] **SYSTEME SYNCHRONE SANS FIL DE RETRANSMISSION DE SIGNAUX HORAIRES**
[72] O'NEILL, TERRENCE J., US
[72] GOLLNICK, ROBIN W., US
[72] PIKULA, MICHAEL A., US
[71] QUARTEX, INC., US
[22] 2002-08-09
[43] 2003-03-21
[30] US (09/960,638) 2001-09-21

[21] **2,397,441**
[13] A1

[51] **Int.Cl. 7A47D 15/00 7B60N 2/26**
[25] EN
[54] **INFANT CAR SEAT COVER**
[54] **COUVRE-SIEGE D'AUTO POUR ENFANT**
[72] HANEY, MICHELLE, CA
[71] HANEY, MICHELLE, CA
[22] 2002-08-12
[43] 2003-03-19
[30] US (60/323,107) 2001-09-19

[21] **2,397,997**
[13] A1

[51] **Int.Cl. 7B03D 1/00 7B05B 1/00 7B03D 1/14 7C02F 1/24**
[25] EN
[54] **PROCESS AND DEVICE FOR AERATING A LIQUID WITH GAS**
[54] **PROCEDE ET DISPOSITIF D'AERATION D'UN LIQUIDE PAR INJECTION DE GAZ**
[72] SCHERZINGER, BERNHARD, AT
[72] GABL, HELMUTH, AT
[71] ANDRITZ AG, AT
[22] 2002-08-14
[43] 2003-03-17
[30] AT (A 1458/2001) 2001-09-17

[21] **2,398,259**
[13] A1

[51] **Int.Cl. 7B03D 1/00 7B05B 1/00 7B03D 1/14 7C02F 1/24**
[25] EN
[54] **PROCESS AND DEVICE FOR SEPARATING IMPURITIES FROM A SUSPENSION BY FLOTATION**
[54] **PROCEDE ET DISPOSITIF D'EPURATION D'UNE SUSPENSION PAR FLOTTATION**
[72] GABL, HELMUTH, AT
[72] SCHERZINGER, BERNHARD, AT
[71] ANDRITZ AG, AT
[22] 2002-08-15
[43] 2003-03-17
[30] AT (A 1457/2001) 2001-09-17

[21] **2,398,535**
[13] A1

[51] **Int.Cl. 7B22D 17/20**
[25] EN
[54] **VENTING VALVE ASSEMBLY FOR CASTING MOULDS**
[54] **SOUPAPE D'ECHAPPEMENT POUR MOULES DE FONDERIE**
[72] WUETHRICH, ANDREAS, CH
[71] FONDAREX SA, CH
[22] 2002-08-16
[43] 2003-03-21
[30] CH (2001 1750/01) 2001-09-21

[21] **2,398,566**
[13] A1

[51] **Int.Cl. 7F16F 9/52**
[25] EN
[54] **TEMPERATURE COMPENSATING SHOCK ABSORBER**
[54] **AMORTISSEUR A COMPENSATION DE TEMPERATURE**
[72] SENDREA, DARRYL, CA
[71] ARVINMERITOR TECHNOLOGY, LLC, US
[22] 2002-08-19
[43] 2003-03-18
[30] US (09/954,746) 2001-09-18

[21] **2,399,711**
[13] A1

[51] **Int.Cl. 7B01F 3/00 7B01F 5/00**
[25] EN
[54] **FILL PROBE WITH IN-LINE MIXER**
[54] **SONDE DE NIVEAU DE REMPLISSAGE AVEC MELANGEUR EN LIGNE**
[72] JUNGSMANN, RONALD D., US
[72] JOHNSON, ROY F., US
[72] MULLEN, RICHARD V., US
[71] ECOLAB INC., US
[22] 2002-08-23
[43] 2003-03-20
[30] US (09/960,028) 2001-09-20

[21] **2,399,766**
[13] A1

[51] **Int.Cl. 7E21B 49/08**
[25] EN
[54] **REDUCED CONTAMINATION SAMPLING**
[54] **PRELEVEMENT D'ECHANTILLON A CONTAMINATION REDUITE**
[72] BOLZE, VICTOR M., US
[72] BROWN, JONATHAN WEBSTER, US
[72] KURKJIAN, ANDREW LORIS, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2002-08-26
[43] 2003-03-20
[30] US (09/960,570) 2001-09-20

[21] **2,399,814**
[13] A1

[51] **Int.Cl. 7H05K 7/00 7H05K 5/00**
[25] EN
[54] **APPARATUS AND METHOD FOR ELECTRICALLY COUPLING A BEZEL**
[54] **DISPOSITIF ET METHODE DE COUPLAGE ELECTRIQUE ENTRE UN CADRE ET UN PANNEAU D'AFFICHAGE**
[72] BERTRAM, THOMAS J., US
[72] WONG, SUZANNE M., US
[72] RICHARDSON, PATRICK J., US
[71] MOTOROLA, INC., US
[22] 2002-08-27
[43] 2003-03-21
[30] US (09/957,999) 2001-09-21

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[21] **2,399,877**
[13] A1

[51] **Int.Cl. 7F16B 41/00**
[25] EN
[54] **CRIME PREVENTION SCREW, EMBEDDING MATERIAL OF SCREW HEAD, SCREW-USE CRIME PREVENTION SEAT AND CRIME PREVENTION SCREW SET**
[54] **VIS ANTIVOL, MATERIAU DE BOURRAGE DE L'EMPREINTE DE TETE DE VIS ET ENSEMBLE DE VIS ANTIVOL**
[72] UENO, MAMORU, JP
[71] UENO, MAMORU, JP
[22] 2002-08-27
[43] 2003-03-19
[30] JP (2001-284476) 2001-09-19

[21] **2,399,898**
[13] A1

[51] **Int.Cl. 7H05K 7/20**
[25] EN
[54] **METHOD AND APPARATUS FOR REMOVING HEAT FROM A COMPONENT**
[54] **METHODE ET APPAREIL DE REFROIDISSEMENT D'UN COMPOSANT**
[72] WONG, HENRY, US
[72] BERTRAM, THOMAS J., US
[71] MOTOROLA, INC., US
[22] 2002-08-27
[43] 2003-03-21
[30] US (09/960,017) 2001-09-21

[21] **2,399,923**
[13] A1

[51] **Int.Cl. 7G07F 17/32 7A63F 13/00**
[25] EN
[54] **GAMING APPARATUS AND METHOD INCLUDING A MULTIPLIER FEATURE AND BONUS FEATURES**
[54] **APPAREIL DE JEU ET METHODE D'ACTIVATION D'UN MULTIPLICATEUR ET DE BONIS**
[72] SINGER, ANTHONY M., US
[72] MARKS, DANIEL M., US
[72] MARKS, HOWARD M., US
[71] KONAMI GAMING, INC., US
[22] 2002-08-28
[43] 2003-03-20
[30] US (09/960,179) 2001-09-20

[21] **2,400,245**
[13] A1

[51] **Int.Cl. 7H04M 3/42 7H04M 15/00 7H04L 12/16 7H04M 3/493**
[25] EN
[54] **SCHEDULING SYSTEM**
[54] **SYSTEME D'ORDONNANCEMENT**
[72] ABDOH, AHMED, CA
[72] OPPENHEIMER, LUIS, CA
[71] ABDOH, AHMED, CA
[71] OPPENHEIMER, LUIS, CA
[22] 2002-09-19
[43] 2003-03-20
[30] US (60/323,370) 2001-09-20

[21] **2,400,251**
[13] A1

[51] **Int.Cl. 7A61M 16/16**
[25] EN
[54] **HUMIDIFIED GASES DELIVERY APPARATUS**
[54] **DISTRIBUTEUR DE GAZ HUMIDIFIES**
[72] SMITH, DANIEL JOHN, NZ
[72] KADHUM, HUSSEIN, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[22] 2002-09-19
[43] 2003-03-19
[30] NZ (NZ514314) 2001-09-19

[21] **2,400,257**
[13] A1

[51] **Int.Cl. 7H01M 4/48 7C25B 9/00 7H01M 6/00 7H01M 10/00 7C25B 11/08 7C25B 11/10**
[25] EN
[54] **SILVER VANADIUM OXIDE HAVING A FINE PARTICLE SIZE FOR IMPROVED CELL PERFORMANCE**
[54] **OXYDE D'ARGENT ET DE VANADIUM A GRANULOMETRIE FINE POUR UN RENDEMENT AMELIORE DE CELLULE ELECTROCHIMIQUE**
[72] FREITAG, GARY, US
[72] PAULOT, WILLIAM, US
[72] FRUSTACI, DOMINICK, US
[71] WILSON GREATBATCH TECHNOLOGIES, INC., US
[22] 2002-09-19
[43] 2003-03-19
[30] US (60/323,373) 2001-09-19

[21] **2,400,288**
[13] A1

[51] **Int.Cl. 7A61B 17/56 7A61F 2/02**
[25] EN
[54] **MEDICAL INSERTER TOOL WITH SLAPHAMMER**
[54] **OUTIL D'INSERTION A USAGE MEDICAL DOTE D'UN DISPOSITIF A PERCUSSION**
[72] O'NEIL, MICHAEL J., US
[71] DEPUY ACROMED, INC., US
[22] 2002-09-19
[43] 2003-03-20
[30] US (09/957,331) 2001-09-20

[21] **2,400,289**
[13] A1

[51] **Int.Cl. 7F01D 5/30**
[25] EN
[54] **IMPROVED CONNECTION OF BLADES ON A ROTOR DISC OF A GAS TURBINE**
[54] **MODE DE RACCORDEMENT AMELIORE DES AILETTES DE ROTOR DE TURBINE A GAZ**
[72] PINZAUTI, MASSIMO, IT
[72] GIOVANGROSSI, GIACOMO, IT
[72] ANICHINI, ALESSIO, IT
[71] NUOVO PIGNONE HOLDING S.P.A., IT
[22] 2002-09-19
[43] 2003-03-21
[30] IT (MI2001A 001970) 2001-09-21

[21] **2,400,688**
[13] A1

[51] **Int.Cl. 7D06F 33/00**
[25] EN
[54] **PUMP CYCLING CONTROL SYSTEM FOR A WASHING MACHINE**
[54] **DISPOSITIF DE COMMANDE DU CYCLE DE FONCTIONNEMENT D'UNE POMPE DE MACHINE A LAVER**
[72] VANDE HAAR, EVAN R., US
[72] RUHL, CRAIG S., US
[71] MAYTAG CORPORATION, US
[22] 2002-08-28
[43] 2003-03-21
[30] US (09/956,894) 2001-09-21

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[21] **2,401,062**
[13] A1

[51] **Int.Cl. 7G10K 11/162 7B32B 27/02 7B32B 17/04 7E04C 2/16 7E04F 13/16 7E04F 13/18 7E04C 2/20 7B32B 27/36 7E04B 1/84**
[25] EN
[54] **THERMO FORMABLE ACOUSTICAL PANEL**
[54] **PANNEAU ACOUSTIQUE THERMOFORMABLE**
[72] HEISEY, KENNETH E., US
[72] GARRICK, JOHN R., US
[72] SPRINGER, BRIAN L., US
[72] WIKER, ANTHONY L., US
[72] CHRISTIE, PETER A., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
[22] 2002-09-03
[43] 2003-03-20
[30] US (09/956,665) 2001-09-20

[21] **2,401,102**
[13] A1

[51] **Int.Cl. 7B23H 1/04 7B23H 1/00**
[25] EN
[54] **WIRE ELECTRODE FOR SPARK EROSION CUTTING**
[54] **FIL ELECTRODE POUR COUPAGE PAR ELECTRO-EROSION**
[72] GROOS, HEINRICH, DE
[72] NOTHE, TOBIAS, DE
[72] DIETRICH, CHRISTOPH, DE
[72] BARTHEL, BERND, DE
[71] BERKENHOFF GMBH, DE
[22] 2002-09-03
[43] 2003-03-21
[30] EP (01122798.0) 2001-09-21

[21] **2,401,105**
[13] A1

[51] **Int.Cl. 7F16D 3/38**
[25] EN
[54] **U-JOINT CONSTRUCTION**
[54] **JOINT DE CARDAN**
[72] SEARS, JEFFREY L., US
[71] MAYTAG CORPORATION, US
[22] 2002-09-03
[43] 2003-03-19
[30] US (09/956,437) 2001-09-19

[21] **2,401,109**
[13] A1

[51] **Int.Cl. 7D06F 39/04**
[25] EN
[54] **CONTROL SYSTEM FOR CLOTHES WASHING MACHINE INCORPORATING HEATER**
[54] **SYSTEME DE COMMANDE POUR MACHINE A LAVER DOMESTIQUE COMPORTANT UNE CHAUFFERETTE**
[72] BROKER, JOHN F., US
[72] OLESON, BRETT C., US
[72] HOOD, KIMBERLY J., US
[72] VANDE HAAR, EVAN R., US
[72] MCCAULEY, STEPHEN J., US
[71] MAYTAG CORPORATION, US
[22] 2002-09-03
[43] 2003-03-20
[30] US (09/956,131) 2001-09-20

[21] **2,401,178**
[13] A1

[51] **Int.Cl. 7B23K 35/04 7B23K 35/365**
[25] EN
[54] **WIRE ELECTRODE WITH A STRUCTURED INTERFACE SURFACE**
[54] **FIL-ELECTRODE A SURFACE TEXTUREE LISSEE**
[72] NOTHE, TOBIAS, DE
[72] GROOS, HEINRICH, DE
[72] BARTHEL, BERND, DE
[72] DIETRICH, CHRISTOPH, DE
[71] BERKENHOFF GMBH, DE
[22] 2002-09-03
[43] 2003-03-21
[30] EP (01122792.3) 2001-09-21

[21] **2,401,246**
[13] A1

[51] **Int.Cl. 7B67C 3/24 7B65G 47/00**
[25] EN
[54] **APPARATUS FOR THE HANDLING OF CONTAINERS**
[54] **APPAREIL DE MANUTENTION DE CONTENANTS**
[72] PRETI, FABRIZIO, IT
[71] SIG SIMONAZZI S.P.A., IT
[22] 2002-09-04
[43] 2003-03-20
[30] EP (01830593.8) 2001-09-20

[21] **2,401,325**
[13] A1

[51] **Int.Cl. 7D06F 37/42 7D06F 39/00**
[25] EN
[54] **UNBALANCE DETECTION SYSTEM FOR A WASHING MACHINE**
[54] **SYSTEME DE DETECTION DE BALOURD POUR MACHINES A LAVER**
[72] BROKER, JOHN F., US
[72] OCHSNER, DOUGLAS A., US
[71] MAYTAG CORPORATION, US
[22] 2002-09-05
[43] 2003-03-21
[30] US (09/956,904) 2001-09-21

[21] **2,401,330**
[13] A1

[51] **Int.Cl. 7D06F 39/00**
[25] EN
[54] **HOSE REVERSAL DETECTION SYSTEM FOR A WASHING MACHINE**
[54] **SYSTEME DE DETECTION D'INVERSION DES TUYAUX D'EAU CHAUDE ET D'EAU FROIDE SUR MACHINES A LAVER**
[72] BROKER, JOHN F., US
[72] VANDE HAAR, EVAN R., US
[71] MAYTAG CORPORATION, US
[22] 2002-09-05
[43] 2003-03-21
[30] US (09/956,905) 2001-09-21

[21] **2,401,382**
[13] A1

[51] **Int.Cl. 7B65D 25/14 7B65D 25/34**
[25] EN
[54] **PROTECTIVE CONTAINER AND ASSOCIATED METHODS**
[54] **CONTENANT PROTECTEUR ET METHODES ASSOCIEES**
[72] GORE, MAKARAND P., US
[72] MANN, L. CHRIS, US
[71] HEWLETT-PACKARD COMPANY, US
[22] 2002-09-05
[43] 2003-03-20
[30] US (09/960,180) 2001-09-20

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[21] **2,401,408**
[13] A1
[51] **Int.Cl. 7A61B 19/00 7B65B 5/04 7B65D 75/36**
[25] EN
[54] **PACKAGING FOR PUSH BUTTON BLOOD COLLECTION SET**
[54] **CONDITIONNEMENT D'ENSEMBLE DE PRELEVEMENT SANGUIN A BOUTON-POUSSOIR**
[72] GIARD, JOHN A., JR., US
[72] NIEMANN, VOLKER, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2002-09-05
[43] 2003-03-18
[30] US (60/323,155) 2001-09-18

[21] **2,401,465**
[13] A1
[51] **Int.Cl. 7B05D 5/08**
[25] EN
[54] **METHOD FOR COATING AN ORIFICE PLATE**
[54] **METHODE D'ENDUCTION DE DIAPHRAGME**
[72] MYHILL, GREGORY A., US
[72] MILLER, NORMA, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2002-09-04
[43] 2003-03-17
[30] US (60/322,653) 2001-09-17
[30] US (10/126,277) 2002-04-19

[21] **2,401,477**
[13] A1
[51] **Int.Cl. 7H01S 3/23**
[25] EN
[54] **MULTIBEAM LASER LIGHT SOURCE WITH VARIABLE SOURCE SPACING FOR SETTING IMAGES ON PRINTING FORMS**
[54] **SOURCE LASER MULTIFAISCEAU A SOURCES INDIVIDUELLES DONT ON PEUT FAIRE VARIER L'ESPACEMENT POUR LA MISE EN PLACE DES IMAGES SUR LES FORMES D'IMPRESSON**
[72] BEIER, BERNARD, DE
[71] HEIDELBERGER DRUCKMASCHINEN AKTIENGESELLSCHAFT, DE
[22] 2002-09-04
[43] 2003-03-17
[30] DE (101 45 705.7) 2001-09-17

[21] **2,402,050**
[13] A1
[51] **Int.Cl. 7H01R 13/70**
[25] EN
[54] **ELECTRICAL CONNECTOR**
[54] **CONNECTEUR ELECTRIQUE**
[72] TUREK, JAMES, US
[72] KOMANIECKI, JAMES M., US
[72] IRISH, KENNETH, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2002-09-10
[43] 2003-03-20
[30] US (09/957,364) 2001-09-20

[21] **2,402,097**
[13] A1
[51] **Int.Cl. 7A01F 12/40**
[25] EN
[54] **MOUNTING ASSEMBLY FOR STRAW CHOPPER BLADES**
[54] **SUPPORT DE MONTAGE DE LAMES HACHE-PAILLE**
[72] WEICHHOLDT, DIRK, DE
[72] BUEERMANN, MARTIN, DE
[71] DEERE & COMPANY, US
[22] 2002-09-10
[43] 2003-03-22
[30] DE (101 46 773.7) 2001-09-22

[21] **2,402,104**
[13] A1
[51] **Int.Cl. 7F16L 5/04 7E04B 1/94**
[25] EN
[54] **TUBULAR LEAD-IN FIXTURE**
[54] **DISPOSITIF DE CONNEXION TUBULAIRE**
[72] MUNZENBERGER, HERBERT, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
[22] 2002-09-10
[43] 2003-03-17
[30] EP (01810895.1) 2001-09-17

[21] **2,402,183**
[13] A1
[51] **Int.Cl. 7H01M 4/92 7H01M 8/00 7H01M 4/88**
[25] EN
[54] **ELECTRODE CATALYST FOR FUEL CELL AND PROCESS FOR PRODUCING THE SAME**
[54] **CATALYSEUR D'ELECTRODE POUR PILE A COMBUSTIBLE ET METHODE DE FABRICATION CORRESPONDANTE**
[72] OHYA, YUTAKA, JP
[72] ASAOKA, TAKAHIKO, JP
[72] NORITAKE, TATSUO, JP
[72] HIROSHIMA, KAZUTAKA, JP
[72] NAGAMI, TETSUO, JP
[72] KATO, HISAO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2002-09-10
[43] 2003-03-17
[30] JP (2001-282075) 2001-09-17

[21] **2,402,125**
[13] A1
[51] **Int.Cl. 7B02C 17/24 7B02C 23/00**
[25] EN
[54] **ANGLE-BASED METHOD AND DEVICE FOR PROTECTING A ROTATING COMPONENT**
[54] **METHODE ET DISPOSITIF DE PROTECTION ANGULAIRE D'UN ELEMENT TOURNANT**
[72] TIRSCHLER, EHRENFRIED ALBERT, CA
[71] TIRSCHLER, EHRENFRIED ALBERT, CA
[22] 2002-09-17
[43] 2003-03-17
[30] US (60/322,683) 2001-09-17

[21] **2,402,175**
[13] A1
[51] **Int.Cl. 7G01S 5/14 7H04B 1/69**
[25] EN
[54] **A METHOD FOR PERFORMING POSITIONING AND AN ELECTRONIC DEVICE**
[54] **METHODE DE POSITIONNEMENT ET DISPOSITIF ELECTRONIQUE CONNEXE**
[72] SYRJARINNE, JARI, FI
[72] SIROLA, NIILLO, FI
[71] NOKIA CORPORATION, FI
[22] 2002-09-10
[43] 2003-03-17
[30] FI (20011828) 2001-09-17

[21] **2,402,183**
[13] A1
[51] **Int.Cl. 7H01M 4/92 7H01M 8/00 7H01M 4/88**
[25] EN
[54] **ELECTRODE CATALYST FOR FUEL CELL AND PROCESS FOR PRODUCING THE SAME**
[54] **CATALYSEUR D'ELECTRODE POUR PILE A COMBUSTIBLE ET METHODE DE FABRICATION CORRESPONDANTE**
[72] OHYA, YUTAKA, JP
[72] ASAOKA, TAKAHIKO, JP
[72] NORITAKE, TATSUO, JP
[72] HIROSHIMA, KAZUTAKA, JP
[72] NAGAMI, TETSUO, JP
[72] KATO, HISAO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2002-09-10
[43] 2003-03-17
[30] JP (2001-282075) 2001-09-17

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[21] **2,402,582**
[13] A1

[51] **Int.Cl. 7B21D 11/00 7B21D 7/06**
[25] EN
[54] **BATTERY OPERATED HYDRAULIC COMPRESSION TOOL WITH RAPID RAM ADVANCE**
[54] **OUTIL HYDRAULIQUE DE COMPRESSION A PILE, A AVANCE RAPIDE DU PISTON**
[72] HESKEY, GEORGE T., US
[72] LEFAVOUR, JOHN D., US
[72] STELTZER, GORDON L., US
[71] FCI AMERICAS TECHNOLOGY, INC., US
[22] 2002-09-10
[43] 2003-03-17
[30] US (09/953,757) 2001-09-17

[21] **2,402,673**
[13] A1

[51] **Int.Cl. 7B29D 30/26**
[25] EN
[54] **COMBINED TRANSFER OF TOE GUARDS AND INNER LINER FROM FALSE DRUM TO BUILDING DRUM**
[54] **TRANSFERT SIMULTANE DU COUVRE-TRINGLE ET DU REVETEMENT INTERIEUR A PARTIR DU TAMBOUR A DECOUPER VERS LE TAMBOUR DE FABRICATION**
[72] WRIGHT, ANTHONY RICHARD, LU
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2002-09-11
[43] 2003-03-21
[30] US (09/957,754) 2001-09-21

[21] **2,402,676**
[13] A1

[51] **Int.Cl. 7B29D 30/20**
[25] EN
[54] **METHOD AND APPARATUS FOR ASSEMBLING NARROW COMPONENTS ONTO A TIRE BUILDING DRUM**
[54] **METHODE ET DISPOSITIF D'ASSEMBLAGE D'ELEMENTS ETROITS SUR UN TAMBOUR DE FABRICATION DE PNEUMATIQUES**
[72] CAVALOTTI, MARIE-LAURE BENEDICTE JOSETTE, LU
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2002-09-11
[43] 2003-03-21
[30] US (09/957,779) 2001-09-21

[21] **2,402,755**
[13] A1

[51] **Int.Cl. 7B63H 21/21**
[25] EN
[54] **POWER SOURCE SYSTEM FOR SMALL BOAT**
[54] **SOURCE D'ENERGIE POUR PETITE EMBARCATION**
[72] YASHIRO, TOMOHOKO, JP
[72] HASEGAWA, TORU, JP
[72] FUNAYOSE, YUSUKE, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-09-11
[43] 2003-03-18
[30] JP (2001-283741) 2001-09-18
[30] JP (2002-100508) 2002-04-02

[21] **2,402,804**
[13] A1

[51] **Int.Cl. 7B60R 11/02 7B60K 35/00 7B60R 27/00 7H04R 5/04**
[25] EN
[54] **AN ENTERTAINMENT SYSTEM FOR A VEHICLE**
[54] **SYSTEME DE DIVERTISSEMENT EN VEHICULE**
[72] YASUHARA, TOSHIYUKI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-09-11
[43] 2003-03-18
[30] JP (2001-284077) 2001-09-18

[21] **2,402,810**
[13] A1

[51] **Int.Cl. 7H01M 8/00 7H01M 8/02**
[25] EN
[54] **FUEL CELL**
[54] **PILE A COMBUSTIBLE**
[72] SUGANUMA, SHIGEAKI, JP
[72] HORIUCHI, MICHIO, JP
[72] WATANABE, MISA, JP
[72] YAMAZAKI, SHUJI, JP
[71] SHINKO ELECTRIC INDUSTRIES CO., LTD., JP
[22] 2002-09-12
[43] 2003-03-17
[30] JP (2001-281730) 2001-09-17

[21] **2,402,817**
[13] A1

[51] **Int.Cl. 7B65D 81/32**
[25] EN
[54] **DUAL LIQUID DISPENSING PACKAGES**
[54] **DISTRIBUTEURS-MELANGEURS DE DEUX LIQUIDES**
[72] BROZELL, LEONORA M., US
[71] OWENS-ILLINOIS CLOSURE INC., US
[22] 2002-09-12
[43] 2003-03-18
[30] US (09/955,320) 2001-09-18

[21] **2,402,824**
[13] A1

[51] **Int.Cl. 7B29C 47/08 7B29C 47/78**
[25] EN
[54] **ADAPTER FOR AN EXTRUDER FOR PRODUCING PLASTIC PROFILES**
[54] **ADAPTATEUR D'EXTRUDEUSE DE PROFILES EN PLASTIQUE**
[72] SMUTKA, FRANZ, AT
[72] SCHWAIGER, MEINHARD, AT
[71] TECHNOPLAST KUNSTSTOFFTECHNIK GMBH, AT
[22] 2002-09-11
[43] 2003-03-17
[30] AT (GM 715/2001) 2001-09-17

[21] **2,402,826**
[13] A1

[51] **Int.Cl. 7D21G 3/04 7D21F 3/10**
[25] EN
[54] **DOCTOR BLADE**
[54] **RACLE**
[72] TAKEUCHI, TETSUO, JP
[72] MATSUNO, MITSUYOSHI, JP
[72] ISHII, HIROFUMI, JP
[71] ICHIKAWA CO., LTD., JP
[22] 2002-09-12
[43] 2003-03-19
[30] JP (285017/2001) 2001-09-19

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[21] 2,402,832
[13] A1

[51] **Int.Cl. 7B29D 30/00**
[25] EN
[54] **PRECISION ALIGNMENT OF TIRE BUILDING DRUM TO AUTOMATED TIRE BUILDING SYSTEM WORKING AXIS**
[54] **ALIGNEMENT DE PRECISION DU TAMBOUR DE FABRICATION DE PNEU SUR L'AXE DE L'INSTALLATION AUTOMATISEE DE FABRICATION**
[72] CORNET, FRANCIS, BE
[72] ROEDSETH, JOHN KOLBJOERN, BE
[72] LEMAIRE, MICHEL, BE
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2002-09-11
[43] 2003-03-21
[30] US (09/960,078) 2001-09-21

[21] 2,402,954
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **A METHOD AND SYSTEM FOR COORDINATING REAL ESTATE APPOINTMENTS**
[54] **METHODE ET SYSTEME DE COORDINATION DES RENDEZ-VOUS DE COURTIERS D'IMMEUBLES**
[72] MOZAYENY, BAHRAM, US
[72] MOSEY, JOHN, US
[71] CALLNETICS CORPORATION, US
[22] 2002-09-12
[43] 2003-03-20
[30] US (09/957178) 2001-09-20

[21] 2,402,973
[13] A1

[51] **Int.Cl. 7F27D 3/12 7F27B 3/18**
[25] EN
[54] **BATCH CHARGER FOR COLD TOP ELECTRIC FURNACE**
[54] **ENFOURNEUSE EN VRAC POUR FOUR ELECTRIQUE**
[72] SKARZENSKI, JOSEPH, CA
[72] CZASTKIEWICZ, WITOLD S., CA
[72] PAIVINEN, ERKKI, CA
[71] SKARZENSKI, JOSEPH, CA
[71] CZASTKIEWICZ, WITOLD S., CA
[71] PAIVINEN, ERKKI, CA
[22] 2002-09-10
[43] 2003-03-18
[30] US (09/954,255) 2001-09-18

[21] 2,403,032
[13] A1

[51] **Int.Cl. 7G07F 17/34**
[25] EN
[54] **GAMING DEVICE HAVING TRANSFORMABLE WILD SYMBOLS OR CARDS WITH WILD SIGNAL INDICATORS**
[54] **APPAREIL DE JEU A SYMBOLES VOLANTS OU CARTES VOLANTES TRANSFORMABLES ET INDICATEURS D'ETAT**
[72] KAMINKOW, JOSEPH E., US
[71] IGT, US
[22] 2002-09-12
[43] 2003-03-20
[30] US (09/957,305) 2001-09-20

[21] 2,403,034
[13] A1

[51] **Int.Cl. 7A63F 13/00 7G07F 17/34**
[25] EN
[54] **GAMING DEVICE HAVING COMPETING AWARDS**
[54] **APPAREIL DE JEU OFFRANT DIFFERENTES RECOMPENSES**
[72] GLAVICH, PAULINA, US
[72] KAMINKOW, JOSEPH E., US
[71] IGT, US
[22] 2002-09-12
[43] 2003-03-21
[30] US (09/960,785) 2001-09-21

[21] 2,403,035
[13] A1

[51] **Int.Cl. 7G07F 17/32 7A63F 1/00 7A63F 13/00 7G07F 17/34**
[25] EN
[54] **GAMING DEVICE PROVIDING TOURNAMENT ENTRIES**
[54] **APPAREIL DE JEU OFFRANT LA POSSIBILITE DE JOUER EN TOURNOI**
[72] LOWELL, DENISE C., US
[72] BAERLOCHER, ANTHONY J., US
[72] CHILTON, WARD W., US
[71] IGT, US
[22] 2002-09-12
[43] 2003-03-21
[30] US (09/960,762) 2001-09-21

[21] 2,403,042
[13] A1

[51] **Int.Cl. 7D21G 3/00 7D21F 3/00**
[25] EN
[54] **DOCTOR BLADE**
[54] **RACLE**
[72] ISHII, HIROFUMI, JP
[72] TAKEUCHI, TETSUO, JP
[71] ICHIKAWA CO., LTD., JP
[22] 2002-09-12
[43] 2003-03-19
[30] JP (285008/2001) 2001-09-19

[21] 2,403,053
[13] A1

[51] **Int.Cl. 7H05B 41/14 7H05B 41/36**
[25] EN
[54] **BALLAST FOR AT LEAST ONE ELECTRIC INCANDESCENT LAMP**
[54] **BALLAST POUR AU MOINS UNE LAMPE ELECTRIQUE A INCANDESCENCE**
[72] MUEHLSCHLEGEL, JOACHIM, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH, DE
[22] 2002-09-13
[43] 2003-03-18
[30] DE (10146030.9) 2001-09-18

[21] 2,403,058
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07H 21/04 7C12N 5/10 7A61K 38/17 7C12N 15/63**
[25] EN
[54] **DNA ENCODING THE CHIMPANZEE PROSTAGLANDIN E2 RECEPTOR EP4 SUBTYPE**
[54] **ADN CODANT POUR LE RECEPTEUR EP4 DE PROSTAGLANDINE E2 DU CHIMPANZE**
[72] CASTLEBERRY, TESSA A., US
[72] LU, BIHONG, US
[72] OWEN, THOMAS ALLEN, US
[72] SMOCK, STEVEN LEE, US
[71] PFIZER PRODUCTS INC., US
[22] 2002-09-13
[43] 2003-03-17
[30] US (60/322,915) 2001-09-17

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16 mars 2003 - 22 mars 2003

[21] **2,403,067**
[13] A1

[51] **Int.Cl. 7B65D 85/04 7B65H 49/02**
[25] EN
[54] **CONTAINER FOR WELDING WIRE**
[54] **CONTENANT POUR FIL A SOUDER**
[72] GELMETTI, CARLO, IT
[71] SIDERGAS SPA, IT
[22] 2002-09-13
[43] 2003-03-19
[30] IT (TO2001A000894) 2001-09-19

[21] **2,403,132**
[13] A1

[51] **Int.Cl. 7H01M 4/88**
[25] EN
[54] **METHOD AND APARATUS FOR MANUFACTURING A FUEL CELL ELECTRODE**
[54] **APPAREIL ET METHODE DE FABRICATION D'UNE ELECTRODE DE PILE A COMBUSTIBLE**
[72] KAJI, YOSHIFUMI, JP
[72] MURATE, MASASHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2002-09-11
[43] 2003-03-17
[30] JP (2001-281382) 2001-09-17
[30] JP (2002-165826) 2002-06-06

[21] **2,403,145**
[13] A1

[51] **Int.Cl. 7F16L 37/36**
[25] EN
[54] **FLUID LINE CONNECTING SYSTEM**
[54] **CONNECTEUR POUR CANALISATIONS FLUIDIQUES**
[72] HALVORSEN, DONALD ALFRED, CA
[71] HALVORSEN, DONALD ALFRED, CA
[22] 2002-09-13
[43] 2003-03-17
[30] CA (2,357,558) 2001-09-17

[21] **2,403,157**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12P 21/00 7C12N 5/10 7A61K 38/17 7C12N 15/63 7C07K 14/705**
[25] EN
[54] **DNA ENCODING THE BABOON AND CYNOMOLGUS MACAQUE PROSTAGLANDIN E2 RECEPTOR EP4 SUBTYPE**
[54] **ADN CODANT POUR LE RECEPTEUR EP4 DE PROSTAGLANDINE E2 DU BABOUIN ET DU MACAQUE DE BUFFON**
[72] CASTLEBERRY, TESSA ANN, US
[72] OWEN, THOMAS ALLEN, US
[72] LU, BIHONG, US
[72] SMOCK, STEVEN LEE, US
[71] PFIZER PRODUCTS INC., US
[22] 2002-09-13
[43] 2003-03-17
[30] US (60/322,916) 2001-09-17

[21] **2,403,163**
[13] A1

[51] **Int.Cl. 7H05B 41/14**
[25] EN
[54] **DEVICE AND METHOD FOR PREHEATING THE COIL ELECTRODES OF A FLUORESCENT LAMP**
[54] **DISPOSITIF ET METHODE DE PRECHAUFFAGE DES ELECTRODES SPIRALES D'UNE LAMPE FLUORESCENTE**
[72] SOWA, WOLFRAM, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH, DE
[22] 2002-09-13
[43] 2003-03-17
[30] DE (10145766.9) 2001-09-17

[21] **2,403,177**
[13] A1

[51] **Int.Cl. 7A47F 10/00 7E04H 12/22 7G06F 17/60 7E02D 5/80**
[25] EN
[54] **METHOD AND SYSTEM FOR PRESENTING MERCHANDISE AT AN OUTDOOR PAVED SURFACE**
[54] **METHODE ET SYSTEME DE PRESENTATION DE MARCHANDISES SUR CHAUSSEES EXTERIEURES**
[72] GRIFFIN, KRISTIN ELIZABETH, US
[72] WOOD, LARRY L., US
[72] DASCENZO, WILLIAM ANTHONY, US
[72] BAUGHMAN, GEORGE WASHINGTON III, US
[71] OUTDOOR MERCHANDISING SOLUTIONS, LLC, US
[22] 2002-09-13
[43] 2003-03-18
[30] US (09/955,417) 2001-09-18

[21] **2,403,180**
[13] A1

[51] **Int.Cl. 7H04B 10/17**
[25] EN
[54] **OPTICAL TRANSMISSION LINK INCLUDING RAMAN AMPLIFIER**
[54] **LIAISON DE TRANSMISSION OPTIQUE UTILISANT UN AMPLIFICATEUR RAMAN**
[72] FIDRIC, BERNARD G., US
[72] SANDERS, STEVEN, US
[72] DOMINIC, VINCENT G., US
[71] JDS UNIPHASE CORPORATION, US
[22] 2002-09-13
[43] 2003-03-19
[30] US (09/956,595) 2001-09-19

[21] **2,403,181**
[13] A1

[51] **Int.Cl. 7B60K 15/035**
[25] EN
[54] **FLOAT OPERATED FUEL TANK VAPOR VENT VALVE**
[54] **RENIFLARD A FLOTTEUR DE RESERVOIR DE CARBURANT**
[72] ZORINE, MAXIM VLADIMIROVICH, US
[72] JAHNKE, RUSSELL CARL, US
[71] EATON CORPORATION, US
[22] 2002-09-13
[43] 2003-03-20
[30] US (09/957,600) 2001-09-20

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[21] 2,403,248
[13] A1

[51] Int.Cl. 7B65D 41/04
[25] EN
[54] CLOSURE WITH GAS-BARRIER LINER AND PACKAGE INCORPORATING SAME
[54] FERMETURE A DOUBLURE IMPERMEABLE AUX GAZ ET CONDITIONNEMENT EQUIPE DE CETTE FERMETURE
[72] WILLINGHAM, WENDELL D., US
[72] DRUITT, RODNEY M., US
[71] OWENS-ILLINOIS CLOSURE INC., US
[22] 2002-09-13
[43] 2003-03-21
[30] US (09/960,069) 2001-09-21

[21] 2,403,272
[13] A1

[51] Int.Cl. 7A47L 7/00 7A47L 9/00 7A47L 11/00
[25] EN
[54] WET/DRY FLOOR CLEANING UNIT AND METHOD OF CLEANING
[54] APPAREIL NETTOIE-PLANCHER A SEC/PAR VOIE HUMIDE ET METHODE DE NETTOYAGE
[72] SCLAFANI, ADAM C., US
[72] THOMAS, KEVIN L., US
[72] WEBER, VINCENT L., US
[72] LANG, CHARLES A., US
[72] HUI, SIU WAI, CN
[72] MORGAN, JEFFERY A., US
[72] NG, WING LEUNG, CN
[72] BRADSHAW, DAVID A., US
[72] GERBER, DOUGLAS E., US
[72] WILSON, ROBERT S., US
[71] THE HOOVER COMPANY, US
[22] 2002-09-16
[43] 2003-03-18
[30] US (09/956,297) 2001-09-18

[21] 2,403,290
[13] A1

[51] Int.Cl. 7H02P 5/00 7B60K 6/02 7G01R 33/12 7G01R 31/34
[25] EN
[54] ADAPTIVE DEMAGNETIZATION COMPENSATION FOR A MOTOR IN AN ELECTRIC OR PARTIALLY ELECTRIC MOTOR VEHICLE
[54] COMPENSATION ADAPTATIVE DE LA DEMAGNETISATION D'UN MOTEUR DE VEHICULE ELECTRIQUE OU PARTIELLEMENT ELECTRIQUE
[72] RAFTARI, ABBAS, US
[72] GARG, VIJAY K., US
[72] CURRAN, PATRICK J., US
[71] FORD GLOBAL TECHNOLOGIES, INC., US
[22] 2002-09-16
[43] 2003-03-17
[30] US (09/682,533) 2001-09-17

[21] 2,403,299
[13] A1

[51] Int.Cl. 7H02P 5/00 7B60K 6/02 7G01R 33/12 7G01R 31/34
[25] EN
[54] ADAPTIVE DEMAGNETIZATION COMPENSATION FOR A MOTOR IN AN ELECTRIC OR PARTIALLY ELECTRIC MOTOR VEHICLE
[54] COMPENSATION ADAPTATIVE DE LA DEMAGNETISATION D'UN MOTEUR DE VEHICULE ELECTRIQUE OU PARTIELLEMENT ELECTRIQUE
[72] CURRAN, PATRICK J., US
[72] GARG, VIJAY K., US
[72] RAFTARI, ABBAS, US
[71] FORD GLOBAL TECHNOLOGIES, INC., US
[22] 2002-09-16
[43] 2003-03-17
[30] US (09/682,534) 2001-09-17

[21] 2,403,302
[13] A1

[51] Int.Cl. 7B23K 31/02
[25] EN
[54] METHOD OF PRODUCING STEEL PIPES, AND WELDED PIPES
[54] METHODE DE PRODUCTION DE TUYAUX EN ACIER ET TUYAUX SOUDES
[72] IKEDA, TOMOAKI, JP
[72] TAKAHASHI, NOBUAKI, JP
[72] YAMAMOTO, AKIO, JP
[72] FUKUBA, TETSUYA, JP
[71] SUMITOMO METAL INDUSTRIES, LTD., JP
[22] 2002-09-13
[43] 2003-03-21
[30] JP (2001-289758) 2001-09-21

[21] 2,403,310
[13] A1

[51] Int.Cl. 7C30B 17/00 7C30B 29/40
[25] EN
[54] SINGLE CRYSTAL GAN SUBSTRATE, METHOD OF GROWING SAME AND METHOD OF PRODUCING SAME
[54] SUBSTRAT DE GAN MONOCRISTALLIN, METHODE DE DEVELOPPEMENT DES CRISTAUX ET METHODE DE PRODUCTION DU SUBSTRAT DE GAN MONOCRISTALLIN
[72] UEMATSU, KOJI, JP
[72] HIROTA, RYU, JP
[72] MOTOKI, KENSAKU, JP
[72] OKAHISA, TAKUJI, JP
[72] NAKAHATA, SEIJI, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 2002-09-13
[43] 2003-03-19
[30] JP (2001-284323) 2001-09-19
[30] JP (2002-230925) 2002-08-08

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[21] **2,403,329**
[13] A1

[51] **Int.Cl. 7H02P 5/00 7B60K 6/02 7G01R 33/12 7G01R 31/34**
[25] EN
[54] **ADAPTIVE DEMAGNETIZATION COMPENSATION FOR A MOTOR IN AN ELECTRIC OR PARTIALLY ELECTRIC MOTOR VEHICLE**
[54] **COMPENSATION ADAPTATIVE DE LA DEMAGNETISATION D'UN MOTEUR DE VEHICULE ELECTRIQUE OU PARTIELLEMENT ELECTRIQUE**
[72] CURRAN, PATRICK J., US
[72] RAFTARI, ABBAS, US
[72] GARG, VIJAY K., US
[71] FORD GLOBAL TECHNOLOGIES, INC., US
[22] 2002-09-16
[43] 2003-03-17
[30] US (09/682,537) 2001-09-17

[21] **2,403,342**
[13] A1

[51] **Int.Cl. 7H01M 8/24 7H01M 8/04**
[25] EN
[54] **FUEL CELL STACK**
[54] **EMPILAGE DE PILES A COMBUSTIBLE**
[72] FUJII, YOSUKE, JP
[72] KIKUCHI, HIDEAKI, JP
[72] WACHI, DAISUKE, JP
[72] SUGITA, NARUTOSHI, JP
[72] BABA, ICHIRO, JP
[72] SUZUKI, MASAHARU, JP
[72] WARIISHI, YOSHINORI, JP
[72] TAKAHASHI, KEN, JP
[72] SUGIURA, SEIJI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-09-16
[43] 2003-03-17
[30] JP (2001-282129) 2001-09-17
[30] JP (2001-309168) 2001-10-04

[21] **2,403,360**
[13] A1

[51] **Int.Cl. 7G01R 31/34 7H02P 5/00 7B60K 6/02 7G01R 33/12**
[25] EN
[54] **FAULT IDENTIFICATION DUE TO DEMAGNETIZATION FOR A MOTOR IN AN ELECTRIC OR PARTIALLY ELECTRIC MOTOR VEHICLE**
[54] **DETECTION D'ANOMALIE DE FONCTIONNEMENT DUE A LA DEMAGNETISATION D'UN MOTEUR DE VEHICULE ELECTRIQUE OU PARTIELLEMENT ELECTRIQUE**
[72] RAFTARI, ABBAS, US
[72] GARG, VIJAY K., US
[72] CURRAN, PATRICK J., US
[71] FORD GLOBAL TECHNOLOGIES, INC., US
[22] 2002-09-16
[43] 2003-03-17
[30] US (09/682,531) 2001-09-17

[21] **2,403,421**
[13] A1

[51] **Int.Cl. 7A61F 7/12 7A61M 5/00**
[25] EN
[54] **BRAIN COOLING DEVICE AND MONITORING SYSTEM**
[54] **DISPOSITIF DE REFROIDISSEMENT DU CERVEAU ET SYSTEME DE MONITORAGE**
[72] WHITE, GILL N., CA
[72] FLETCHER, R. DAVID, CA
[72] HILLIER, TIM F., CA
[72] CORBETT, DALE, CA
[72] RAMSDEN, VIVIAN R., CA
[72] THORNHILL, JIM, CA
[71] WHITE, GILL N., CA
[71] FLETCHER, R. DAVID, CA
[71] HILLIER, TIM F., CA
[71] CORBETT, DALE, CA
[71] RAMSDEN, VIVIAN R., CA
[71] THORNHILL, JIM, CA
[22] 2002-09-13
[43] 2003-03-17
[30] US (09/953,204) 2001-09-17

[21] **2,403,453**
[13] A1

[51] **Int.Cl. 7B01J 39/18**
[25] EN
[54] **CATIONIC RESIN COMPOSITION**
[54] **COMPOSITION DE RESINE CATIONIQUE**
[72] NISHIGUCHI, SHIGEO, JP
[72] KAMIKADO, KOJI, JP
[72] IJIMA, HIDEKI, JP
[72] IKEJIRI, SOUICHI, JP
[71] KANSAI PAINT CO., LTD., JP
[22] 2002-09-16
[43] 2003-03-17
[30] JP (2001-280873) 2001-09-17

[21] **2,403,460**
[13] A1

[51] **Int.Cl. 7H04Q 3/00 7H04M 1/515 7H04L 12/56 7H04M 1/80**
[25] EN
[54] **AUDIO PACKET COMMUNICATIONS SYSTEM, NETWORK TELEPHONE TERMINAL AND SPECIAL PACKET PROCESS METHOD**
[54] **SYSTEME DE COMMUNICATION A TONALITES EN PAQUET, POSTE TELEPHONIQUE DE RESEAU ET METHODE DE TRAITEMENT DE PAQUETS SPECIAUX**
[72] FUNATO, YASUO, JP
[72] MAKITA, TAKESHI, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 2002-09-16
[43] 2003-03-17
[30] JP (2001-282374) 2001-09-17

[21] **2,403,470**
[13] A1

[51] **Int.Cl. 7B29D 30/26**
[25] EN
[54] **STABILIZER FOR CANTILEVERED TIRE BUILDING DRUM**
[54] **STABILISATEUR POUR TAMBOUR DE FABRICATION DE PNEUMATIQUES EN PORTE-A-FAUX**
[72] CORNET, FRANCIS, BE
[72] LEMAIRE, MICHEL, BE
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2002-09-16
[43] 2003-03-21
[30] US (60/323,822) 2001-09-21

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[21] 2,403,471
[13] A1

[51] **Int.Cl. 7B60K 35/00**
[25] EN
[54] **DISPLAY APPARATUS FOR TRANSPORTATION MEANS**
[54] **DISPOSITIF D’AFFICHAGE POUR MOYEN DE TRANSPORT**
[72] FUNAYOSE, YUSUKE, JP
[72] YASHIRO, TOMOHIKO, JP
[72] HASEGAWA, TORU, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-09-16
[43] 2003-03-18
[30] JP (2001-283563) 2001-09-18

[21] 2,403,495
[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61K 9/00 7A61K 31/05 7A61K 31/125 7A61K 7/48**
[25] EN
[54] **PHYSICALLY STABLE SPRAYABLE GEL COMPOSITION**
[54] **GEL VAPORISABLE PHYSIQUEMENT STABLE**
[72] KULKARNI, ARUN B., US
[72] PASCAL, FELIPE A., US
[72] HALAS, LYNN ANN, US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[22] 2002-09-17
[43] 2003-03-18
[30] US (09/954,911) 2001-09-18

[21] 2,403,511
[13] A1

[51] **Int.Cl. 7B63H 23/06 7B63B 11/06 7B63H 21/30 7B63H 23/32**
[25] EN
[54] **COUPLER MOUNTING STRUCTURE FOR WATERCRAFT**
[54] **PALIER PORTE-ACCOUPLLEMENT POUR VEHICULE MARIN**
[72] FUSE, TOMOHIRO, JP
[72] TSUCHIYA, MASAHIKO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-09-16
[43] 2003-03-18
[30] JP (2001-284061) 2001-09-18

[21] 2,403,472
[13] A1

[51] **Int.Cl. 7B60K 35/00**
[25] EN
[54] **DISPLAY DEVICE FOR SMALL BOAT**
[54] **DISPOSITIF D’AFFICHAGE POUR PETITE EMBARCATION**
[72] HASEGAWA, TORU, JP
[72] FUNAYOSE, YUSUKE, JP
[72] YASHIRO, TOMOHIKO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-09-16
[43] 2003-03-18
[30] JP (2001-283685) 2001-09-18

[21] 2,403,496
[13] A1

[51] **Int.Cl. 7H01L 31/107 7H01L 31/18**
[25] EN
[54] **SEQUENTIAL MESA AVALANCHE PHOTODIODE CAPABLE OF REALIZING HIGH SENSITIZATION AND METHOD OF MANUFACTURING THE SAME**
[54] **PHOTODIODE A AVALANCHE DU TYPE MESA SEQUENTIEL A GRANDE SENSIBILITE ET METHODE DE FABRICATION DE CETTE PHOTODIODE**
[72] MIZUNO, KAZUO, JP
[72] HIRAOKA, JUN, JP
[72] SASAKI, YUICHI, JP
[71] ANRITSU CORPORATION, JP
[22] 2002-09-16
[43] 2003-03-18
[30] JP (2001-284039) 2001-09-18
[30] JP (2002-218311) 2002-07-26

[21] 2,403,525
[13] A1

[51] **Int.Cl. 7B29D 30/20 7B29D 30/26**
[25] EN
[54] **METHOD FOR MANUFACTURING TIRES ON A FLEXIBLE MANUFACTURING SYSTEM**
[54] **METHODE DE FABRICATION DE PNEUMATIQUES DANS UN SYSTEME DE FABRICATION FLEXIBLE**
[72] MARTIN, FABRICE HARRY, BE
[72] ZEH, RONALD BERT, LU
[72] ROEDSETH, JOHN KOLBJOERN, LU
[72] SORCE, FRANCESCO, LU
[72] LEMAIRE, MICHEL, BE
[72] MCCOY, BRYAN JOHN, LU
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2002-09-16
[43] 2003-03-21
[30] US (09/957,785) 2001-09-21

[21] 2,403,492
[13] A1

[51] **Int.Cl. 7H04B 10/08**
[25] EN
[54] **OPTICAL DEVICE SYSTEM AND METHOD FOR DETECTING A CONDITION IN AN OPTICAL DEVICE**
[54] **DISPOSITIF OPTIQUE ET METHODE DE DETECTION D’ETAT DANS UN DISPOSITIF OPTIQUE**
[72] JOHNSON, STEVEN R., US
[71] TERRAWORX INC., US
[22] 2002-09-16
[43] 2003-03-17
[30] US (09/953,754) 2001-09-17

[21] 2,403,509
[13] A1

[51] **Int.Cl. 7F17D 3/10**
[25] EN
[54] **HEATED ENCLOSURE PURGE SYSTEM**
[54] **SYSTEME DE PURGE D’ENCEINTE CHAUFFEE**
[72] NIMBERGER, SPENCER M., US
[71] PGI INTERNATIONAL, LTD., US
[22] 2002-09-17
[43] 2003-03-17
[30] US (60/323,128) 2001-09-17
[30] US (UNKNOWN) 2002-09-17

[21] 2,403,527
[13] A1

[51] **Int.Cl. 7G01R 31/44 7B60Q 11/00**
[25] EN
[54] **VEHICLE LAMP INSPECTION SYSTEM**
[54] **SYSTEME DE VERIFICATION DES LAMPES D’UN VEHICULE**
[72] BELL, JOSEPH A., US
[72] GUMBEL, MATTHEW J., US
[71] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, US
[22] 2002-09-17
[43] 2003-03-21
[30] US (09/960,129) 2001-09-21

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[21] **2,403,532**
[13] A1

[51] **Int.Cl. 7B29D 30/26**
[25] EN
[54] **BEAD LOADING METHOD AND APPARATUS**
[54] **METHODE ET APPAREIL DE MONTAGE DES TRINGLES DE PNEUMATIQUE**
[72] DURAND, JEAN-MARIE, LU
[72] CORNET, FRANCIS, BE
[72] WEAVER, DOUGLAS RAYMOND, US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2002-09-16
[43] 2003-03-21
[30] US (09/957,740) 2001-09-21

[21] **2,403,536**
[13] A1

[51] **Int.Cl. 7B29D 30/26**
[25] EN
[54] **PRECISION LONGITUDINAL REGISTRATION OF TIRE BUILDING DRUM TO AUTOMATED TIRE BUILDING SYSTEM WORK STATION**
[54] **POSITIONNEMENT LONGITUDINAL DE PRECISION DU TAMBOUR DE FABRICATION DANS UN POSTE DE TRAVAIL D'UNE INSTALLATION AUTOMATISEE DE FABRICATION DE PNEUMATIQUES**
[72] LEMAIRE, MICHEL, BE
[72] ROEDSETH, JOHN KOLBJOERN, LU
[72] CORNET, FRANCIS, BE
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2002-09-16
[43] 2003-03-21
[30] US (09/957,731) 2001-09-21

[21] **2,403,541**
[13] A1

[51] **Int.Cl. 7G11C 15/00**
[25] EN
[54] **CONTENT-ADDRESSABLE MEMORY DEVICE**
[54] **MEMOIRE ADRESSABLE PAR SON CONTENU**
[72] KAGANOI, TERUO, JP
[71] NEC CORPORATION, JP
[22] 2002-09-17
[43] 2003-03-18
[30] JP (2001-282755) 2001-09-18

[21] **2,403,545**
[13] A1

[51] **Int.Cl. 7C22C 19/05 7C21D 10/00 7B21J 13/02 7C22F 1/10**
[25] EN
[54] **NI BASED ALLOY, METHOD FOR PRODUCING THE SAME, AND FORGING DIE**
[54] **ALLIAGE A BASE DE NICKEL, METHODE DE PRODUCTION ET MATRICE A FORGER CORRESPONDANTE**
[72] SUDO, KOJI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-09-17
[43] 2003-03-18
[30] JP (2001-284046) 2001-09-18
[30] JP (2001-284055) 2001-09-18

[21] **2,403,561**
[13] A1

[51] **Int.Cl. 7G01V 1/28**
[25] EN
[54] **DETERMINING ANISOTROPY IN A STRATUM USING SCATTERED VERTICAL AND HORIZONTAL SHEAR MODES**
[54] **DEPISTAGE D'ANISOTROPHIE DANS UNE FORMATION AU MOYEN D'ONDES DE CISAILLEMENT VERTICALES ET HORIZONTALES DISPERSEES**
[72] HARDAGE, BOB A., US
[72] GRAEBNER, ROBERT J., US
[71] VECTA TECHNOLOGY, L.P., US
[22] 2002-09-16
[43] 2003-03-17
[30] US (09/954,351) 2001-09-17

[21] **2,403,577**
[13] A1

[51] **Int.Cl. 7B65B 61/00**
[25] EN
[54] **APPARATUS AND METHOD ESPECIALLY FOR HOLDING A SEPARATE PIECE TO BE ATTACHED TO A UNIT LOAD**
[54] **APPREIL ET METHODE DE MAINTIEN D'UNE PIECE DESTINEE A ETRE FIXEE A UNE CHARGE UNITAIRE**
[72] MAKI-RAHKOLA, JARI, FI
[71] PESMEL OY, FI
[22] 2002-09-16
[43] 2003-03-17
[30] FI (20011821) 2001-09-17

[21] **2,403,585**
[13] A1

[51] **Int.Cl. 7F42B 5/30**
[25] EN
[54] **A SHELL CAP**
[54] **EMBOUT DE BALLE DE FUSIL**
[72] STOGERMULLER, JOHANN, AT
[71] ARMATUREN GESELLSCHAFT M.B.H., AT
[22] 2002-09-17
[43] 2003-03-19
[30] AT (A 1473/2001) 2001-09-19

[21] **2,403,590**
[13] A1

[51] **Int.Cl. 7B60K 35/00**
[25] EN
[54] **DISPLAY DEVICE FOR TRANSPORTATION MEANS**
[54] **DISPOSITIF D'AFFICHAGE POUR MOYEN DE TRANSPORT**
[72] FUNAYOSE, YUSUKE, JP
[72] HASEGAWA, TORU, JP
[72] YASHIRO, TOMOHIKO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-09-16
[43] 2003-03-18
[30] JP (2001-284180) 2001-09-18

[21] **2,403,592**
[13] A1

[51] **Int.Cl. 7B63H 25/46**
[25] EN
[54] **JET PROPULSION BOAT**
[54] **VEHICULE MARIN A PROPULSION PAR JET**
[72] HIRAKATA, YOSHIKI, JP
[72] SHOGASE, HAJIME, JP
[72] KOCHI, TAKAO, JP
[72] URAKI, MAMORU, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-09-16
[43] 2003-03-18
[30] JP (2001-284181) 2001-09-18
[30] JP (2001-284182) 2001-09-18

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[21] **2,403,603**
[13] A1
[51] **Int.Cl. 7H02H 3/08 7H02H 3/20**
[25] EN
[54] **ELECTRONIC CIRCUIT BREAKER**
[54] **DISJONCTEUR ELECTRONIQUE**
[72] CANOVA, ANTONIO, IT
[72] BITTONI, FRANCESCO, IT
[72] CINCINELLI, LORENZO, IT
[71] MAGNETEK S.P.A., IT
[22] 2002-09-17
[43] 2003-03-18
[30] EP (01830592.0) 2001-09-18

[21] **2,403,642**
[13] A1
[51] **Int.Cl. 7H01S 3/08 7H01S 5/10**
[25] EN
[54] **SYNTHETIC RESIN-MADE CONCAVE CONE LENS FOR IRRADIATION OF STANDARD LASER LINE**
[54] **LENTILLE CONIQUE CONCAVE EN RESINE SYNTHETIQUE POUR L'EMISSION DE RAIES LASER ETALONS**
[72] TERAUCHI, ISSHU, JP
[72] TERAJI, NORIHISA, JP
[71] NISSHO CORPORATION, JP
[22] 2002-09-17
[43] 2003-03-20
[30] JP (2001-286242) 2001-09-20

[21] **2,403,651**
[13] A1
[51] **Int.Cl. 7G01V 1/28**
[25] EN
[54] **DETERMINING VERTICAL FRACTURES IN A STRATUM USING SCATTERED VERTICAL AND HORIZONTAL SHEAR MODES**
[54] **DEPISTAGE DES FRACTURES VERTICALES DANS UNE FORMATION PAR ONDES DE CISAILEMENT VERTICALES ET HORIZONTALES DISPERSEES**
[72] GRAEBNER, ROBERT J., US
[72] HARDAGE, BOB A., US
[71] VECTA TECHNOLOGY, L.P., US
[22] 2002-09-16
[43] 2003-03-17
[30] US (09/953,993) 2001-09-17

[21] **2,403,699**
[13] A1
[51] **Int.Cl. 7G06F 17/00 7G06F 17/10 7G06F 17/60**
[25] EN
[54] **TECHNICAL ANALYSIS FORMATION RECOGNITION USING PIVOT POINTS**
[54] **METHODE DE RECONNAISSANCE DE FORMATIONS UTILISANT DES POINTS PIVOTS POUR LES ANALYSES TECHNIQUES**
[72] SATCHWELL, CHRISTOPHER J., GB
[71] RECOGNIA INC., CA
[22] 2002-09-17
[43] 2003-03-17
[30] US (60/322,643) 2001-09-17
[30] US (60/345,331) 2001-11-09

[21] **2,403,713**
[13] A1
[51] **Int.Cl. 7C09D 11/02**
[25] EN
[54] **PIGMENTED INK JET INKS**
[54] **ENCRE PIGMENTEES POUR IMPRIMANTE A JET D'ENCRE**
[72] ALFORD, JOHN A., US
[71] WESTVACO CORPORATION, US
[22] 2002-09-17
[43] 2003-03-17
[30] US (09/953,983) 2001-09-17

[21] **2,403,715**
[13] A1
[51] **Int.Cl. 7C09D 11/02**
[25] EN
[54] **INK JET INKS**
[54] **ENCRE POUR IMPRIMANTES A JET D'ENCRE**
[72] ALFORD, JOHN A., US
[71] WESTVACO CORPORATION, US
[22] 2002-09-17
[43] 2003-03-17
[30] US (09/954,467) 2001-09-17

[21] **2,403,720**
[13] A1
[51] **Int.Cl. 7F23R 3/28**
[25] EN
[54] **SAFETY DEVICE FOR A WASHING SYSTEM FOR LIQUID BURNERS IN GAS TURBINES**
[54] **DISPOSITIF DE SECURITE POUR SYSTEME DE LAVAGE DES BRULEURS DE COMBUSTIBLE LIQUIDE DANS UNE TURBINE A GAZ**
[72] MILIANI, ALESSIO, IT
[72] SEGATO, FABIO, IT
[72] BENNATI, LAURA, IT
[71] NUOVO PIGNONE HOLDING S.P.A., IT
[22] 2002-09-17
[43] 2003-03-18
[30] IT (MI2001A 001949) 2001-09-18

[21] **2,403,723**
[13] A1
[51] **Int.Cl. 7F23N 5/24 7F23D 14/72**
[25] EN
[54] **ANTI-CONDENSATION DEVICE FOR A FLAME SENSOR OF A COMBUSTION CHAMBER**
[54] **DISPOSITIF ANTI-CONDENSATION POUR DETECTEUR DE FLAMME DE CHAMBRE DE COMBUSTION**
[72] SIGNORI, ANDREA, IT
[72] MILIANI, ALESSIO, IT
[71] NUOVO PIGNONE HOLDING S.P.A., IT
[22] 2002-09-17
[43] 2003-03-18
[30] IT (MI2001A 001948) 2001-09-18

[21] **2,403,726**
[13] A1
[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **ENHANCEMENT OF STENT RADIOPACITY USING ANGHORS AND TAGS**
[54] **ACCROISSEMENT DE LA RADIO-OPACITE D'UN STENT A L'AIDE D'ANCRES ET D'ELEMENTS MARQUEURS**
[72] CARPENTER, ERIN, US
[71] CORDIS CORPORATION, US
[22] 2002-09-17
[43] 2003-03-19
[30] US (09/955,636) 2001-09-19

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[21] **2,403,743**
[13] A1

[51] **Int.Cl. 7B62D 33/04 7B62D 63/08**
[25] EN
[54] **TRAILER WITH SIDE WALL HAVING LAMINATE PANEL**
[54] **REMORQUE A PAROIS LATERALES EN PANNEAUX DE STRATIFIE**
[72] PALM, JOHN R., US
[72] FETZ, CHARLES R., US
[72] JONES, JOHN M., US
[72] BUCHHOLZ, MARK A., US
[71] GREAT DANE LIMITED PARTNERSHIP, US
[22] 2002-09-16
[43] 2003-03-17
[30] US (09/954,709) 2001-09-17

[21] **2,403,802**
[13] A1

[51] **Int.Cl. 7F02M 37/08**
[25] EN
[54] **SYSTEM AND METHOD FOR FEEDING LPG TO AN INTERNAL COMBUSTION ENGINE**
[54] **CIRCUIT ET METHODE D'ALIMENTATION D'UN MOTEUR A COMBUSTION INTERNE EN GPL**
[72] RICCO, MARIO, IT
[71] C.R.F. SOCIETA CONSORTILE PER AZIONI, IT
[22] 2002-09-17
[43] 2003-03-18
[30] IT (TO2001A000887) 2001-09-18

[21] **2,403,954**
[13] A1

[51] **Int.Cl. 7C01B 33/113 7C01B 33/18**
[25] EN
[54] **PRECIPITATED SILICA WITH A HIGH BET/CTAB RATIO**
[54] **SILICE PRECIPITEE AVEC RAPPORT BET/CTAB ELEVE**
[72] THOMA, HERBERT, DE
[72] BLUME, ANKE, DE
[72] UHRLANDT, STEFAN, DE
[72] SCHMOLL, RALF, DE
[72] LUGINSLAND, DETLEF, DE
[71] DEGUSSA AG, DE
[22] 2002-09-18
[43] 2003-03-20
[30] DE (101 46 325.1) 2001-09-20

[21] **2,403,758**
[13] A1

[51] **Int.Cl. 7A63B 55/10**
[25] EN
[54] **GOLF BAG STAND**
[54] **SUPPORT DE SAC DE GOLF**
[72] SOLHEIM, JOHN A., US
[72] HAWKEN, DOUGLAS R., US
[72] SCHMIDT, GREGORY J., US
[71] KARSTEN MANUFACTURING CORPORATION, US
[22] 2002-09-16
[43] 2003-03-17
[30] US (09/954,312) 2001-09-17

[21] **2,403,882**
[13] A1

[51] **Int.Cl. 7H01M 2/14**
[25] EN
[54] **SEPARATOR FOR FUEL CELL AND METHOD FOR PRODUCING THE SAME**
[54] **SEPARATEUR DE PILE A COMBUSTIBLE ET METHODE DE FABRICATION DU SEPARATEUR**
[72] TSUJI, MAKOTO, JP
[72] OHTANI, TERUYUKI, JP
[72] UTSUNOMIYA, MASAO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-09-18
[43] 2003-03-19
[30] JP (2001-285129) 2001-09-19
[30] JP (2001-285159) 2001-09-19

[21] **2,404,001**
[13] A1

[51] **Int.Cl. 7G01D 21/02 7G08C 19/00 7G01D 11/24**
[25] EN
[54] **LOCAL NETWORK BASED MULTIPLE SENSOR DEVICE WITH ELECTRICAL LOAD CONTROL MEANS AND WITH TEMPERATURE SENSOR AND HEAT DETECTOR THAT IS EXPOSED TO AMBIENT AIR BY DIFFUSION**
[54] **DISPOSITIF A CAPTEURS MULTIPLES UTILISANT UN RESEAU LOCAL ET DOTE D'UN CONTROLEUR DE CHARGE ELECTRIQUE, D'UN CAPTEUR DE TEMPERATURE ET D'UN DETECTEUR DE CHALEUR EXPOSE A L'AIR AMBIANT PAR DIFFUSION**

[21] **2,403,768**
[13] A1

[51] **Int.Cl. 7A61F 13/02**
[25] EN
[54] **ADHESIVE BANDAGE WITH IMPROVED COMFORT AND FIT**
[54] **PANSEMENT ADHESIF OFFRANT UN MEILLEUR CONFORT ET AJUSTEMENT**
[72] MUELLER, JENNIFER, US
[72] PETERSACK, VINCENT, US
[72] SIEGWART, KATHLEEN, US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[22] 2002-09-16
[43] 2003-03-18
[30] US (09/954,912) 2001-09-18

[21] **2,403,931**
[13] A1

[51] **Int.Cl. 7B63H 11/02 7B63H 23/06 7B63H 23/32**
[25] EN
[54] **WATER JET PROPULSION APPARATUS**
[54] **PROPULSEUR A JET D'EAU**
[72] FUSE, TOMOHIRO, JP
[72] TSUCHIYA, MASAHIKO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-09-18
[43] 2003-03-18
[30] JP (2001-284065) 2001-09-18

[72] ECKEL, DAVID P., US
[72] BONASIA, GAETANO, US
[72] PORTER, JAMES A., US
[71] LEVITON MANUFACTURING CO., INC., US
[22] 2002-09-18
[43] 2003-03-19
[30] US (09/955,819) 2001-09-19

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[21] **2,404,042**
[13] A1

[51] **Int.Cl. 7B63B 35/71**
[25] EN
[54] **COCKPIT SYSTEMS AND METHODS FOR KAYAKS**
[54] **COCKPIT DE KAYAK ET METHODE DE CONSTRUCTION**
[72] LOCKWOOD, JOHN B., US
[71] LOCKWOOD, JOHN B., US
[22] 2002-09-18
[43] 2003-03-18
[30] US (60/323,236) 2001-09-18
[30] US (UNKNOWN) 2002-09-17

[21] **2,404,047**
[13] A1

[51] **Int.Cl. 7H04L 12/56**
[25] EN
[54] **PACKET NETWORK TRANSFER APPARATUS, PACKET NETWORK TRANSFER SYSTEM AND PACKET NETWORK TRANSFER METHOD**
[54] **APPAREIL DE TRANSFERT, SYSTEME DE TRANSFERT ET METHODE DE TRANSFERT POUR RESEAU DE COMMUNICATION A COMMUTATION DE PAQUETS**
[72] MIYAMOTO, REL, JP
[71] NEC CORPORATION, JP
[22] 2002-09-18
[43] 2003-03-19
[30] JP (284235/2001) 2001-09-19

[21] **2,404,048**
[13] A1

[51] **Int.Cl. 7F01L 1/12**
[25] EN
[54] **SWITCHING ELEMENT FOR A VALVE TRAIN OF AN INTERNAL COMBUSTION ENGINE**
[54] **COMMUNTEUR DE COMMANDE DES CULBUTEURS ET POUSSOIRS DE SOUPAPES DE MOTEUR A COMBUSTION INTERNE**
[72] SAILER, PETER, DE
[72] WENISCH, HERMANN, DE
[72] SCHNELL, OLIVER, DE
[72] KUHL, MARIO, DE
[71] INA-SCHAEFFLER KG, DE
[22] 2002-09-18
[43] 2003-03-19
[30] DE (101 46 129.1) 2001-09-19

[21] **2,404,052**
[13] A1

[51] **Int.Cl. 7F01M 11/00 7B60R 17/00**
[25] EN
[54] **LUBRICATION UNIT FOR INTERNAL COMBUSTION ENGINE**
[54] **CIRCUIT DE LUBRIFICATION DE MOTEUR A COMBUSTION INTERNE**
[72] INOUE, MASAHIRO, JP
[72] HAMAOKA, SEIJI, JP
[72] NISHI, TORU, JP
[72] HORI, YOSHIKI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-09-18
[43] 2003-03-19
[30] JP (2001-284,898) 2001-09-19
[30] JP (2001-284,899) 2001-09-19

[21] **2,404,061**
[13] A1

[51] **Int.Cl. 7A61B 3/10**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING OPTICAL ABERRATIONS OF AN EYE**
[54] **METHODE ET APPAREIL POUR MESURER LES ABERRATIONS OPTIQUES DE L'OEIL**
[72] FOLEY, JAMES P., US
[72] HORN, JOCHEN M., US
[72] MEYER, SCOTT A., US
[72] WEI, JAY, US
[72] LAI, MING, US
[71] CARL-ZEISS-STIFTUNG TRADING AS CARL ZEISS, DE
[22] 2002-09-18
[43] 2003-03-21
[30] US (09/960113) 2001-09-21

[21] **2,404,063**
[13] A1

[51] **Int.Cl. 7C08L 33/12 7B29D 7/01 7B29C 35/02 7C08L 31/04 7C08L 23/08 7C08L 23/16**
[25] EN
[54] **HIGH-FREQUENCY WELDABLE AND LOW-TEMPERATURE FLEXIBLE POLYMER MIXTURE AND ITS USE**
[54] **MELANGE POLYMERES SOUPLE A BASSE TEMPERATURE ET SOUDABLE A HAUTES FREQUENCES**
[72] BUHRING, JURGEN, DE
[71] BENECKE-KALIKO AG, DE
[22] 2002-09-18
[43] 2003-03-20
[30] DE (101 53 408.6) 2001-09-20

[21] **2,404,072**
[13] A1

[51] **Int.Cl. 7F01L 1/12**
[25] EN
[54] **SWITCHING ELEMENT FOR A VALVE TRAIN OF AN INTERNAL COMBUSTION ENGINE**
[54] **COMMUNTEUR DE COMMANDE DES CULBUTEURS ET POUSSOIRS DE SOUPAPES DE MOTEUR A COMBUSTION INTERNE**
[72] SCHNELL, OLIVER, DE
[71] INA-SCHAEFFLER KG, DE
[22] 2002-09-18
[43] 2003-03-19
[30] DE (101 46 131.3) 2001-09-19

[21] **2,404,114**
[13] A1

[51] **Int.Cl. 7B60R 25/04**
[25] EN
[54] **METHOD FOR RELEASING SECRET NUMBER OF THEFT PREVENTION FUNCTION IN TRANSPORTATION MEANS**
[54] **METHODE D'INACTIVATION DU CODE SECRET D'UN MECANISME ANTIVOL DE MOYEN DE TRANSPORT**
[72] FUNAYOSE, YUSUKE, JP
[72] YASHIRO, TOMOHIKO, JP
[72] HASEGAWA, TORU, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-09-18
[43] 2003-03-18
[30] JP (2001-283671) 2001-09-18

[21] **2,404,124**
[13] A1

[51] **Int.Cl. 7D06F 39/02**
[25] EN
[54] **APPARATUS FOR DISPENSING RINSE WATER ADDITIVE IN AN AUTOMATIC WASHING MACHINE**
[54] **DISTRIBUTEUR D'ADDITIF D'EAU DE RINCAGE DANS UNE MACHINE A LAVER**
[72] SMITH, CHRISTOPHER LAWRENCE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2002-09-18
[43] 2003-03-18
[30] US (60/332,967) 2001-09-18

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[21] **2,404,166**
[13] A1

[51] **Int.Cl. 7H01M 8/24 7H01M 8/04**
[25] EN
[54] **FUEL CELL**
[54] **PILE A COMBUSTIBLE**
[72] SUGITA, NARUTOSHI, JP
[72] SUGIURA, SEIJI, JP
[71] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 2002-09-18
[43] 2003-03-19
[30] JP (2001-285546) 2001-09-19

[21] **2,404,167**
[13] A1

[51] **Int.Cl. 7A63B 55/00 7A45F 5/00**
7A63B 55/10
[25] EN
[54] **GOLF BAG SHOULDER STRAP**
[54] **SANGLE DE SAC DE GOLF**
[72] SOLHEIM, JOHN A., US
[72] SUGGS, GREGORY M., US
[71] KARSTEN MANUFACTURING
CORPORATION, US
[22] 2002-09-18
[43] 2003-03-21
[30] US (09/960,666) 2001-09-21

[21] **2,404,170**
[13] A1

[51] **Int.Cl. 7B66B 1/34**
[25] EN
[54] **SYSTEM FOR TRANSPORTATION**
OF PERSONS/GOODS IN ELEVATOR
INSTALLATIONS AND/OR ON
ESCALATORS, METHOD OF
OPERATING SUCH A SYSTEM,
CONTROL DEVICE AND COMPUTER
PROGRAM PRODUCT FOR
COMMANDING SUCH A SYSTEM
[54] **SYSTEME DE TRANSPORT DE**
PERSONNES/MARCHANDISES EN
ASCENSEUR ET/OU ESCALIER
MECANIQUE, METHODE
D'EXPLOITATION D'UN TEL
SYSTEME, DISPOSITIF DE
COMMANDE ET PROGRAMME
INFORMATIQUE SERVANT A
COMMANDER UN TEL SYSTEME
[72] FRIEDLI, PAUL, CH
[71] INVENTIO AG, CH
[22] 2002-09-18
[43] 2003-03-20
[30] EP (01810910.8) 2001-09-20

[21] **2,404,171**
[13] A1

[51] **Int.Cl. 7B65G 21/20**
[25] EN
[54] **CONVEYOR SYSTEM**
[54] **CONVOYEUR**
[72] TRIEB, HERBERT, AT
[71] INNOVA PATENT GMBH, AT
[22] 2002-09-18
[43] 2003-03-20
[30] AT (A 1501/2001) 2001-09-20

[21] **2,404,173**
[13] A1

[51] **Int.Cl. 7F42B 33/00 7F42B 5/02**
[25] EN
[54] **A MODULAR CONSTRUCTION**
SYSTEM FOR SHELLS
[54] **SYSTEME DE CONSTRUCTION**
MODULAIRE
[72] KOGER, GOTTFRIED, AT
[71] ARMATUREN GESELLSCHAFT
M.B.H., AT
[22] 2002-09-18
[43] 2003-03-19
[30] AT (A 1481/2001) 2001-09-19

[21] **2,404,175**
[13] A1

[51] **Int.Cl. 7H01M 4/88**
[25] EN
[54] **PROCESS FOR PRODUCING A**
MEMBRANE-ELECTRODE ASSEMBLY
FOR SOLID POLYMER
ELECTROLYTE FUEL CELLS
[54] **PROCEDE DE PRODUCTION**
D'ELECTRODES A MEMBRANE POUR
PILE A COMBUSTIBLE A
ELECTROLYTE POLYMERE SOLIDE
[72] MUKOYAMA, ATSUSHI, JP
[72] SHIMODA, HIROSHI, JP
[72] KINOSHITA, SHINJI, JP
[71] ASAHI GLASS COMPANY,
LIMITED, JP
[22] 2002-09-18
[43] 2003-03-19
[30] JP (2001-284538) 2001-09-19

[21] **2,404,181**
[13] A1

[51] **Int.Cl. 7H04M 3/00 7H04M 11/04**
7H04M 11/06 7H04M 3/42 7H04M 3/50
[25] EN
[54] **SYSTEM FOR EXPANDING**
CAPACITY OF A TELEPHONE
EXCHANGE NETWORK
[54] **SYSTEME SERVANT A**
ACCROITRE LA CAPACITE D'UN
CENTRAL TELEPHONIQUE
[72] LENAGHAN, RICHARD STEPHEN,
CA
[71] LENAGHAN, RICHARD STEPHEN,
CA
[22] 2002-09-19
[43] 2003-03-21
[30] US (60/323,695) 2001-09-21

[21] **2,404,186**
[13] A1

[51] **Int.Cl. 7B41J 2/175**
[25] EN
[54] **INK CARTRIDGE AND ITS**
MANUFACTURING METHOD
[54] **CARTOUCHE D'ENCRE ET**
METHODE DE FABRICATION
CONNEXE
[72] SHINADA, SATOSHI, JP
[72] TOBA, KOICHI, JP
[71] SEIKO EPSON CORPORATION, JP
[22] 2002-09-19
[43] 2003-03-19
[30] JP (2001-285082) 2001-09-19
[30] JP (2001-285083) 2001-09-19

[21] **2,404,187**
[13] A1

[51] **Int.Cl. 7F02C 7/00**
[25] EN
[54] **IMPROVED FLANGE FOR**
CONNECTION BETWEEN AN AXIAL
COMPRESSOR AND HIGH-PRESSURE
ROTOR DISC UNIT IN A GAS TURBINE
[54] **BRIDE AMELIOREE POUR**
RACCORDER UN COMPRESSEUR
AXIAL A UN ROTOR HAUTE
PRESSION DANS UNE TURBINE A GAZ
[72] PINZAUTI, MASSIMO, IT
[72] BACCIOTTINI, CARLO, IT
[71] NUOVO PIGNONE HOLDING S.P.A.,
IT
[22] 2002-09-19
[43] 2003-03-20
[30] IT (MI2001A 001961) 2001-09-20

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[21] **2,404,190**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**
[25] EN
[54] **OVERSEAS STAY SUPPORT SYSTEM**
[54] **SYSTEME DE SOUTIEN POUR SEJOUR OUTRE-MER**
[72] TAGO, MASAFUMI, JP
[71] NIPPON BISO SERVICE, INC., JP
[22] 2002-09-19
[43] 2003-03-21
[30] JP (2001-288841) 2001-09-21

[21] **2,404,201**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 17/30**
[25] EN
[54] **A METHOD AND APPARATUS FOR CREATING A DATABASE OF INDIVIDUALS FOR PERMISSION-BASED MARKETING AND COMMUNICATIONS PURPOSES**
[54] **METHODE ET APPAREIL DE CREATION DE BASES DE DONNEES SUR DES INDIVIDUS A DES FINS DE COMMERCIALISATION ET DE COMMUNICATION A BASE DE PERMISSIONS**
[72] HALLOCK, KATE A., US
[72] BATTIN, JEFFREY J., US
[72] HALLOCK, WILLIAM, US
[71] TICKETWIN, LLC, US
[22] 2002-09-19
[43] 2003-03-20
[30] US (09/961,136) 2001-09-20

[21] **2,404,211**
[13] A1
[51] **Int.Cl. 7B29D 30/24**
[25] EN
[54] **TIRE BUILDING DRUM HAVING EXPANDABLE CENTER SECTION AND INDEPENDENTLY EXPANDABLE BEAD LOCK ASSEMBLIES IN THE END SECTIONS**
[54] **TAMBOUR DE FABRICATION DE PNEUMATIQUES A SECTION CENTRALE EXPANSIBLE ET MECANISMES EXPANSIBLES DE BLOCAGE DES TRINGLES INDEPENDANTS DANS LES SECTIONS PERIPHERIQUES**
[72] REDING, EMILE, LU
[72] ROEDSETH, JOHN KOLBJOERN, LU
[72] CURRIE, WILLIAM DUDLEY, US
[71] THE GOODYEAR TIRE AND RUBBER COMPANY, US
[22] 2002-09-19
[43] 2003-03-21
[30] US (09/960,211) 2001-09-21

[21] **2,404,214**
[13] A1
[51] **Int.Cl. 7A62B 17/00 7A62B 35/00 7A41D 13/00**
[25] EN
[54] **SYSTEM FOR INTEGRATING A HARNESS INTO A FIRE FIGHTING PROTECTIVE GARMENT**
[54] **SYSTEME D'INTEGRATION DE HARNAIS DANS UNE TENUE DE FEU**
[72] CASAUBON, JOSEE, CA
[71] MARCANADA INC., CA
[22] 2002-09-20
[43] 2003-03-20
[30] US (09/956,265) 2001-09-20

[21] **2,404,244**
[13] A1
[51] **Int.Cl. 7H01R 4/50 7F16B 2/06**
[25] EN
[54] **WEDGE-SHAPED EXTENSION CLAMP**
[54] **SERRE-CABLE A COINS**
[72] PARK, CHUL W., KR
[71] HAN BARK E&G CO.,LTD., KR
[22] 2002-09-18
[43] 2003-03-18
[30] KR (20-2001-0028698) 2001-09-18

[21] **2,404,247**
[13] A1
[51] **Int.Cl. 7F02M 37/22**
[25] EN
[54] **INTEGRATED FUEL FILTER AND CALIBRATION TUBE FOR A FUEL INJECTOR**
[54] **TUBE DE CALIBRAGE A FILTRE CARBURANT INTEGRE POUR INJECTEUR DE CARBURANT**
[72] BOAST, ANDREW J., US
[72] PRICE, VANESSA, US
[71] FILTERTEK, INC., US
[22] 2002-09-18
[43] 2003-03-19
[30] US (60/323,750) 2001-09-19

[21] **2,404,252**
[13] A1
[51] **Int.Cl. 7A63H 27/28 7A63H 27/20**
[25] EN
[54] **TOY ORNITHOPTER AIRCRAFT**
[54] **AERONEF ORNITHOPTERE JOUET**
[72] TOMAS, ERIC EDWARD, CA
[71] TOMAS, ERIC EDWARD, CA
[22] 2002-09-18
[43] 2003-03-20
[30] GB (0122677.8) 2001-09-20

[21] **2,404,254**
[13] A1
[51] **Int.Cl. 7H03H 17/02 7H04B 1/26**
[25] EN
[54] **DIRECTLY TUNED FILTER AND METHOD OF DIRECTLY TUNING A FILTER**
[54] **FILTRE ACCORDE DIRECTEMENT ET METHODE POUR ACCORDER UN FILTRE DIRECTEMENT**
[72] DEVRIES, CHRIS, CA
[72] MASON, RALPH, CA
[71] ENQ SEMICONDUCTOR INC., CA
[22] 2002-09-17
[43] 2003-03-17
[30] CA (2,357,491) 2001-09-17

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[21] **2,404,268**
[13] A1

[51] **Int.Cl. 7A47B 88/20**
[25] EN
[54] **DRAWERS WITH ADJUSTABLE DRAWER DIVIDERS**
[54] **TIROIRS A SEPARATEURS DE COMPARTIMENTATION REGLABLES**
[72] SEARER, FLOYD A., US
[71] FAS INDUSTRIES, INC., US
[22] 2002-09-17
[43] 2003-03-17
[30] US (09/954,208) 2001-09-17

[21] **2,404,271**
[13] A1

[51] **Int.Cl. 7H01B 11/18 7H01B 11/20**
[25] EN
[54] **MINI COAXIAL CABLE FOR DIGITAL NETWORK**
[54] **MINI-CABLE COAXIAL POUR RESEAU NUMERIQUE**
[72] BERNARD, JOEL, CA
[72] DION, YVES, CA
[72] BLOUIN, DENIS, CA
[71] NORDX/CDT, INC., CA
[22] 2002-09-17
[43] 2003-03-17
[30] US (60/322,641) 2001-09-17

[21] **2,404,288**
[13] A1

[51] **Int.Cl. 7G06F 17/18 7G06F 17/60**
[25] EN
[54] **A METHOD FOR CATEGORIZING PIVOT POINTS IN TECHNICAL ANALYSIS**
[54] **METHODE DE CATEGORISATION DE POINTS PIVOTS DANS LES ANALYSES TECHNIQUES**
[72] SATCHWELL, CHRISTOPHER J., GB
[71] RECOGNIA INC., CA
[22] 2002-09-17
[43] 2003-03-17
[30] US (60/322,642) 2001-09-17

[21] **2,404,293**
[13] A1

[51] **Int.Cl. 7C12N 15/55 7C12Q 1/34 7C12N 9/80**
[25] EN
[54] **VARIANTS OF AN ERWINIA-TYPE CREATINASE**
[54] **VARIANTS D'UNE CREATINASE DE TYPE ERWINIA**
[72] KRATZSCH, PETER, DE
[72] SHAO, ZHIXIN, DE
[72] WEISSER, HARALD, DE
[72] SCHMUCK, RAINER, DE
[72] KENKLIES, JANET, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2002-09-17
[43] 2003-03-20
[30] EP (01 121 780.9) 2001-09-20

[21] **2,404,318**
[13] A1

[51] **Int.Cl. 7B65H 57/18 7B65H 49/18 7B65H 57/22**
[25] EN
[54] **COIL REEL HOLD-DOWN DEVICE**
[54] **DISPOSITIF DE RETENUE DE BOBINE DE TOLE**
[72] GERACE, KEVIN, US
[72] MANCUSO, ANTHONY J., US
[71] ELRAE INDUSTRIES, INC., US
[22] 2002-09-18
[43] 2003-03-18
[30] US (09/954,766) 2001-09-18

[21] **2,404,408**
[13] A1

[51] **Int.Cl. 7A63B 71/14 7A41D 19/015 7A41D 13/08**
[25] EN
[54] **HOCKEY GOALTENDING CATCH GLOVE**
[54] **GANT ATTRAPE-RONDELLE DE HOCKEY**
[72] KLEINERT, JAMES M., US
[71] HILLERICH & BRADSBY CO., US
[22] 2002-09-20
[43] 2003-03-20
[30] US (09/957,567) 2001-09-20

[21] **2,404,531**
[13] A1

[51] **Int.Cl. 7G05G 1/28 7B60K 23/00 7F16H 59/02**
[25] EN
[54] **TRANSMISSION SHIFT POSITION SENSOR**
[54] **DETECTEUR DE POSITION DU SELECTEUR DE VITESSE**
[72] FREDA, NORMAN THOMAS, US
[72] BABIN, BRIAN GEORGE, US
[72] BROWN, TODD ANTHONY, US
[71] AMERICAN ELECTRONIC COMPONENTS, INC., US
[22] 2002-09-20
[43] 2003-03-21
[30] US (09/957,840) 2001-09-21

[21] **2,404,537**
[13] A1

[51] **Int.Cl. 7F21V 7/06**
[25] EN
[54] **IMPROVED ARENA REFLECTOR ASSEMBLY**
[54] **REFLECTEUR AMELIORE D'APPAREIL D'ECLAIRAGE DE STADE**
[72] BERGIN, RANDALL P., US
[72] SUMMERFORD, ROBERT L., US
[71] GENLYTE THOMAS GROUP LLC, US
[22] 2002-09-20
[43] 2003-03-20
[30] US (60/323,578) 2001-09-20

[21] **2,404,539**
[13] A1

[51] **Int.Cl. 7B21D 15/06 7B21D 21/00**
[25] EN
[54] **METHOD FOR PRODUCING LONGITUDINALLY WELDED HELICALLY CORRUGATED METAL TUBING**
[54] **METHODE DE PRODUCTION DU TUBES METALLIQUES A NERVURES HELICOIDALES ET SOUDURE LONGITUDINALE**
[72] FROHNE, CHRISTIAN, DE
[72] HARTEN, FRIEDRICH, DE
[72] MEYER, MICHAEL, DE
[71] NEXANS, FR
[22] 2002-09-20
[43] 2003-03-22
[30] DE (101 46 807.5) 2001-09-22

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[21] **2,404,550**
[13] A1
[51] **Int.Cl. 7H04L 9/32 7H04L 12/14 7H04L 12/24**
[25] EN
[54] **SYSTEM AND METHOD FOR WEB SERVICES PACKAGING**
[54] **SYSTEME ET METHODE DE CONDITIONNEMENT DE SERVICES WEB**
[72] MEREU, STEPHEN, CA
[72] MUTZKE, RICK, CA
[72] RUPSINGH, RAUL, CA
[72] ATWAL, AMAR, CA
[72] SCHNARR, MATT, CA
[72] LEBEL, FREDERIC, CA
[72] SLAUNWHITE, DONALD, CA
[72] SUBRAMANIAN, RAMESH, CA
[72] CHIU, JOSEPH, CA
[71] COREL CORPORATION, CA
[22] 2002-09-20
[43] 2003-03-21
[30] US (60/324,191) 2001-09-21

[21] **2,404,552**
[13] A1
[51] **Int.Cl. 7H04L 9/32**
[25] EN
[54] **SYSTEM AND METHOD FOR SECURE COMMUNICATION**
[54] **SYSTEME ET METHODE DE PROTECTION DES COMMUNICATIONS**
[72] CHIU, JOSEPH, CA
[72] SCHNARR, MATT, CA
[72] MEREU, STEPHEN, CA
[71] COREL CORPORATION, CA
[22] 2002-09-20
[43] 2003-03-21
[30] US (60/324,191) 2001-09-21

[21] **2,404,553**
[13] A1
[51] **Int.Cl. 7A45D 2/36**
[25] EN
[54] **INSTANT HEAT HOT AIR CURLING IRON**
[54] **FER A FRISER A AIR CHAUD INSTANTANE**
[72] LEUNG, ANTHONY KIT LUN, CN
[71] CONAIR CORPORATION, US
[22] 2002-09-20
[43] 2003-03-20
[30] US (09/957,634) 2001-09-20

[21] **2,404,601**
[13] A1
[51] **Int.Cl. 7B64D 47/00 7B64D 11/00**
[25] EN
[54] **AIRCRAFT ANTI-TERRORISM SECURITY SYSTEM**
[54] **SYSTEME DE SECURITE ANTI-PIRATERIE AERIENNE**
[72] GLEINE, WOLFGANG, DE
[71] GLEINE, WOLFGANG, DE
[22] 2002-09-20
[43] 2003-03-21
[30] DE (101 46 657.9) 2001-09-21

[21] **2,404,602**
[13] A1
[51] **Int.Cl. 7H04L 12/16 7H04L 12/14 7H04L 12/24 7H04L 9/32**
[25] EN
[54] **WEB SERVICES GATEWAY**
[54] **PASSERELLE POUR SERVICES WEB**
[72] SLAUNWHITE, DONALD, CA
[72] MEREU, STEPHEN, CA
[72] SCHNARR, MATT, CA
[72] RUPSINGH, RAUL, CA
[72] MUTZKE, RICK, CA
[72] SUBRAMANIAN, RAMESH, CA
[72] LEBEL, FREDERIC, CA
[72] CHIU, JOSEPH, CA
[72] ATWAL, AMAR, CA
[71] COREL CORPORATION, CA
[22] 2002-09-20
[43] 2003-03-21
[30] US (60/324,191) 2001-09-21

[21] **2,404,609**
[13] A1
[51] **Int.Cl. 7A47C 7/40 7A47D 1/00 7A47D 15/00**
[25] EN
[54] **FURNITURE BACKING SUPPORT**
[54] **SUPPORT DE DOSSIER DE MOBILIER**
[72] ROCHEFORD, MICHAEL D., US
[71] THE UPHOLSTERY STUDIO INC., US
[22] 2002-09-20
[43] 2003-03-21
[30] US (60/323,945) 2001-09-21

[21] **2,404,706**
[13] A1
[51] **Int.Cl. 7C12N 15/53 7C12N 1/20 7C12Q 1/32**
[25] EN
[54] **NOVEL MUTANTS OF THE FORMATE DEHYDROGENASE FROM CANDIDA BOIDINII**
[54] **NOUVEAUX MUTANTS DE LA FORMATE DESHYDROGENASE DE CANDIDA BOIDINII**
[72] FELBER, STEPHAN, DE
[72] POHL, MARTINA, DE
[72] SLUSARCZYK, HEIKE, DE
[72] KULA, MARIA-REGINA, DE
[71] DEGUSSA AG, DE
[22] 2002-09-20
[43] 2003-03-21
[30] DE (101 46 589.0) 2001-09-21

[21] **2,404,734**
[13] A1
[51] **Int.Cl. 7A21B 3/15 7A21D 8/08**
[25] FR
[54] **SUPPORT JETABLE POUR L'ENFOURNEMENT DES PATONS DE BOULANGERIE OU AUTRES, EN VUE DE LEUR CUISSON, ET SON PROCEDE DE FABRICATION**
[54] **DISPOSABLE DOUGH PIECE OR OTHER FOOD PRODUCTS BAKING OVEN LOADING SHAPES, AND PRODUCTION PROCESS OF SAME**
[72] CANICAS, ERICK, FR
[71] CANICAS, ERICK, FR
[22] 2002-09-18
[43] 2003-03-19
[30] FR (01 12 623) 2001-09-19

[21] **2,404,797**
[13] A1
[51] **Int.Cl. 7B65H 18/28 7B65D 73/00 7B32B 3/02 7G09F 3/02**
[25] FR
[54] **SUPPORT D'ETIQUETTES ADHESIVES SOUS FORME DE BANDE**
[54] **ADHESIVE LABEL STRIP**
[72] SINATO, MAURO, IT
[71] L'OREAL, FR
[22] 2002-09-13
[43] 2003-03-19
[30] FR (0112094) 2001-09-19

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[21] **2,404,804**

[13] A1

[51] **Int.Cl. 7C04B 41/80 7B32B 18/00**
7C09J 5/02 7C09J 183/06 7H01L 23/373
7C04B 35/515

[25] FR

[54] **PROCEDE POUR AMELIORER**
LES PROPRIETES D'ADHESION D'UN
SUBSTRAT CERAMIQUE DE LA
FAMILLE DES NON-OXYDES EN VUE
DE SON COLLAGE

[54] **PROCESS FOR IMPROVING THE**
ADHESION PROPRIETIES OF A NON-
OXIDE CERAMIC SUBSTRATE TO BE
GLUED IN PLACE

[72] PETITBON, ALAIN, FR

[72] BAZIARD, YVES, FR

[72] EVIEUX, JEROME, FR

[71] ALSTOM, FR

[22] 2002-09-13

[43] 2003-03-21

[30] FR (01 12 185) 2001-09-21

[21] **2,412,450**

[13] A1

[51] **Int.Cl. 7B32B 15/14 7E04H 9/00**
7E04H 15/00 7F16L 59/00 7C09K 21/02
7F16L 59/02 7A45F 4/04 7B32B 17/06
7A62C 2/06 7F16L 59/08 7E04B 1/94

[25] EN

[54] **RADIANT AND CONVECTIVE**
HEAT RESISTANT MATERIALS AND
EMERGENCY FIRE SHELTER MADE
THEREFROM

[54] **MATERIAUX RESISTANT A LA**
CHALEUR RADIANTE ET DE
CONVECTION ET ABRI DE
PROTECTION CONTRE LE FEU FAIT
DE CES MATERIAUX

[72] ACKERMAN, MARK Y., CA

[72] DAVIES, MARY ANN, US

[72] PETRILLI, ANTHONY CLEMENT, US

[72] ANDERSON, LESLIE LEAH, US

[71] UNITED STATES DEPARTMENT OF
AGRICULTURE FOREST SERVICE, US

[71] UNIVERSITY OF ALBERTA, CA

[22] 2003-01-06

[43] 2003-03-16

[30] US (10/286,176) 2002-11-01

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[21] **2,386,789**
[13] A1

[51] **Int.Cl. 7A61B 3/00**
[25] EN
[54] **TWO CAMERA OFF-AXIS EYE TRACKER**
[54] **DISPOSITIF DE POURSUITE DE L'OEIL, HORS AXE, COMPRENANT DEUX CAMERAS**
[72] YEE, KINGMAN, US
[72] MUNNERLYN, CHARLES R., US
[71] VISX, INC., US
[85] 2002-04-04
[86] 2000-10-05 (PCT/US2000/027762)
[87] 2001-04-12 (WO2001/024688)
[30] US (60/158,576) 1999-10-07
[30] US (09/545,240) 2000-04-07

[21] **2,386,917**
[13] A1

[51] **Int.Cl. 7H04M 3/42 7H04M 7/00 7H04M 3/523**
[25] EN
[54] **PERSONALIZED ASSISTANCE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ASSISTANCE PERSONNALISEE**
[72] PINES, ROBERT, US
[72] MARWELL, EVAN, US
[71] GRAPE TECHNOLOGY GROUP, INC, US
[85] 2002-04-08
[86] 2000-10-03 (PCT/US2000/027275)
[87] 2001-04-19 (WO2001/028208)
[30] US (60/158,311) 1999-10-08
[30] US (09/449,126) 1999-11-24

[21] **2,387,441**
[13] A1

[51] **Int.Cl. 7G06F 19/00**
[25] EN
[54] **IMAGE-SYNCHRONIZED MULTICHANNEL BIOMEDICAL DATA ACQUISITION SYSTEM**
[54] **SYSTEME D'ACQUISITION DE DONNEES BIOMEDICALES A CANAUX MULTIPLES ET A SYNCHRONISATION D'IMAGES**
[72] ZENG, SHENGKE, US
[72] POWERS, JOHN R., US
[72] HSIAO, HONGWEI, US
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, CENTERS FOR DISEASE CONTROL AND PREVENTION, US
[85] 2002-04-11
[86] 2000-10-12 (PCT/US2000/028170)
[87] 2001-04-19 (WO2001/027855)
[30] US (60/158,794) 1999-10-12

[21] **2,392,945**
[13] A1

[51] **Int.Cl. 7H01M 8/04**
[25] EN
[54] **FUEL CELL APPARATUS AND METHOD OF COOLING THE SAME**
[54] **PILE A COMBUSTIBLE ET METHODE DE REFROIDISSEMENT DE CELLE-CI**
[72] TSUJI, TADASHI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2002-03-07
[86] 2001-09-19 (PCT/JP2001/008148)
[87] 2003-03-19 (WO/)

[21] **2,398,479**
[13] A1

[51] **Int.Cl. 7C08J 9/00**
[25] EN
[54] **MACROCELLULAR POLYOLEFIN FOAM HAVING A HIGH SERVICE TEMPERATURE FOR ACOUSTICAL APPLICATIONS**
[54] **MOUSSE DE POLYOLEFINE MACROCELLULAIRE PRESENTANT UNE TEMPERATURE DE SERVICE ELEVEE POUR APPLICATIONS ACOUSTIQUES**
[72] PARK, CHUNG P., DE
[72] GILG, SANDRINE, FR
[72] SUBRAMONIAN, SURESH, US
[71] DOW GLOBAL TECHNOLOGIES INC., US
[85] 2002-08-22
[86] 2001-02-13 (PCT/US2001/004666)
[87] 2001-09-27 (WO2001/070860)
[30] US (60/190,714) 2000-03-17
[30] US (60/202,364) 2000-05-05

[21] **2,400,096**
[13] A1

[51] **Int.Cl. 7B21C 37/12 7B23D 21/14**
[25] EN
[54] **SPIRALLY FORMED PIPE CUTTER WITH DRIVING MECHANISM TO ACTIVELY ROTATE INNER KNIFE**
[54] **DISPOSITIF DE COUPE DE TUYAUX EN SPIRALE EQUIPE D'UN MECANISME D'ENTRAINEMENT DESTINE A FAIRE TOURNER LE COUTEAU INTERIEUR**
[72] CASTRICUM, WILHELMUS P. H., US
[71] LINDAB AB, SE
[85] 2002-08-14
[86] 2001-02-16 (PCT/SE2001/000335)
[87] 2001-08-23 (WO2001/060538)
[30] US (09/506,756) 2000-02-18

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| <p style="text-align: right;">[21] 2,402,470 [13] A1</p> <p>[51] Int.Cl. 7H04R 25/00 7H02J 7/00 [25] EN [54] BATTERY MONITOR AND POWER DEMAND ADJUSTER [54] DISPOSITIF DE CONTROLE D'UNE PILE ET DISPOSITIF DE REGLAGE DE BESOINS EN COURANT [72] SELIGMAN, PETER, AU [71] COCHLEAR LIMITED, AU [85] 2002-10-07 [86] 2000-04-11 (PCT/AU2000/000305) [87] 2001-10-18 (WO2001/078449)</p> | <p style="text-align: right;">[21] 2,403,403 [13] A1</p> <p>[51] Int.Cl. 7C01B 3/00 [25] EN [54] METHOD FOR REVERSIBLY STORING HYDROGEN ON THE BASIS OF ALKALI METALS AND ALUMINIUM [54] PROCEDE D'ACCUMULATION REVERSIBLE D'HYDROGENE FONDE SUR L'UTILISATION DE METAUX ALCALINS ET D'ALUMINIUM [72] BOGDANOVIC, BORISLAV, DE [72] SCHWICKARDI, MANFRED, DE [71] STUDIENGESELLSCHAFT KOHLE MBH, DE [85] 2002-10-17 [86] 2001-03-02 (PCT/EP2001/002363) [87] 2002-10-17 (WO2001/068515) [30] DE (100 12 794.0) 2000-03-16</p> | <p style="text-align: right;">[21] 2,404,369 [13] A1</p> <p>[51] Int.Cl. 7A61P 5/14 7A61K 9/20 7A61K 9/26 7A61K 47/38 [25] EN [54] STABLE THYROID HORMONE PREPARATIONS AND METHOD OF MAKING SAME [54] PREPARATIONS STABLES D'HORMONES THYROIDIENNES ET LEUR PROCEDE DE FABRICATION [72] FRONTANES, RAMON A., US [72] PEREZ, MARIA A., US [72] GARCIA, HECTOR L., US [72] BRUNO, MARIA S., US [72] SIMAMORA, PAHALA, US [71] MOVA PHARMACEUTICAL CORPORATION, US [85] 2002-09-27 [86] 2001-03-26 (PCT/US2001/009411) [87] 2001-10-11 (WO2001/074448) [30] US (09/538,461) 2000-03-30</p> |
| <p style="text-align: right;">[21] 2,402,791 [13] A1</p> <p>[51] Int.Cl. 7A61K 7/48 [25] EN [54] PRE-FORMED SHEET DEVICES SUITABLE FOR TOPICAL APPLICATION [54] DISPOSITIFS PREFORMES EN FORME DE FEUILLE ADAPTES A L'APPLICATION TOPIQUE [72] PHILLIPS, JENNIFER ELIZABETH, US [72] LEBLANC, MICHAEL JUDE, US [72] JENKINS, DELYTH MYFANWY, GB [72] DECKNER, GEORGE ENDEL, US [72] KYTE, KENNETH EUGENE, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2002-10-07 [86] 2000-04-12 (PCT/US2000/009694) [87] 2001-10-25 (WO2001/078678)</p> | <p style="text-align: right;">[21] 2,403,593 [13] A1</p> <p>[51] Int.Cl. 7G08B 13/24 [25] EN [54] IMPROVED SECURITY TAG AND METHOD OF MAKING THE SAME [54] ETIQUETTE ANTIVOL AMELIOREE ET SON PROCEDE DE FABRICATION [72] REID, JEFFREY, CA [71] 1175634 ONTAIO LIMITED, CA [85] 2002-10-07 [86] 2000-04-18 (PCT/CA2000/000429) [87] 2001-10-25 (WO2001/080196)</p> | <p style="text-align: right;">[21] 2,404,585 [13] A1</p> <p>[51] Int.Cl. 7G05G 1/14 [25] EN [54] PNEUMATIC FOOT SWITCH ASSEMBLY [54] ENSEMBLE COMMUTATEUR PNEUMATIQUE A PEDALE [72] XIE, MARK MINGJUN, US [71] PREMARK FEG L.L.C., US [85] 2002-09-25 [86] 2001-03-14 (PCT/US2001/008112) [87] 2001-10-11 (WO2001/075918) [30] US (09/539,542) 2000-03-31</p> |
| <p style="text-align: right;">[21] 2,402,795 [13] A1</p> <p>[51] Int.Cl. 7B29C 33/10 7B29C 70/14 7B29C 70/28 7B29C 70/62 7B29C 70/88 [25] EN [54] METHOD OF MOLDING A REINFORCED ARTICLE [54] PROCEDE DE MOULAGE D'ARTICLE RENFORCE [72] MCCULLOUGH, KEVIN A., US [71] COOL OPTIONS, INC., US [85] 2002-10-07 [86] 2000-04-06 (PCT/US2000/009103) [87] 2001-10-18 (WO2001/076844)</p> | <p style="text-align: right;">[21] 2,403,654 [13] A1</p> <p>[51] Int.Cl. 7A62C 13/78 [25] EN [54] A HOLDER [54] SUPPORT [72] ALBERTS, FREDERICK WILLIAM, AU [71] ALBERTS, FREDERICK WILLIAM, AU [85] 2002-09-27 [86] 2001-04-03 (PCT/AU2001/000369) [87] 2001-10-11 (WO2001/074451) [30] AU (PQ 6654) 2000-04-03 [30] AU (PR 2166) 2000-12-19</p> | <p style="text-align: right;">[21] 2,404,884 [13] A1</p> <p>[51] Int.Cl. 7G01R 21/00 [25] EN [54] SYSTEM AND METHOD FOR INTERSAMPLE TIMING ERROR REDUCTION [54] SYSTEME ET PROCEDE DE REDUCTION D'ERREUR DE TEMPORISATION ENTRE ECHANTILLONS [72] LONG, AVERY D., US [71] SQUARE D COMPANY, US [85] 2002-10-07 [86] 2002-02-07 (PCT/US2002/003520) [87] 2002-08-15 (WO2002/063318) [30] US (09/778,588) 2001-02-07</p> |

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| <p style="text-align: right;">[21] 2,405,079 [13] A1</p> <p>[51] Int.Cl. 7G01V 3/24 [25] EN [54] A LOGGING SONDE FOR ELECTRICALLY EXPLORING GEOLOGICAL FORMATIONS THROUGH WHICH A BOREHOLE PASSES [54] SONDE DE DIAGRAPHIE POUR L'EXPLORATION ELECTRIQUE DE FORMATIONS GEOLOGIQUES TRAVERSEES PAR UN TROU DE FORAGE [72] CHEUNG, PHILIP, FR [72] HAYMAN, ANDREW, FR [72] PITTMAN, DENNIS, US [71] SCHLUMBERGER CANADA LIMITED, CA [85] 2002-10-03 [86] 2001-03-29 (PCT/EP2001/003718) [87] 2001-10-18 (WO2001/077711) [30] FR (00/04527) 2000-04-07</p> | <p style="text-align: right;">[21] 2,406,850 [13] A1</p> <p>[51] Int.Cl. 7A61B 1/005 [25] EN [54] STEERABLE ENDOSCOPE AND IMPROVED METHOD OF INSERTION [54] ENDOSCOPE ORIENTABLE ET METHODE AMELIOREE D'INSERTION [72] BELSON, AMIR, US [71] NEOGUIDE SYSTEMS, INC., US [85] 2002-10-01 [86] 2001-04-03 (PCT/US2001/010907) [87] 2001-10-11 (WO2001/074235) [30] US (60/194,140) 2000-04-03 [30] US (09/790,204) 2001-02-20</p> | <p style="text-align: right;">[21] 2,407,255 [13] A1</p> <p>[51] Int.Cl. 7F21L 4/02 [25] EN [54] LAMP, ESPECIALLY A LIVING ROOM LAMP, A TABLE LAMP OR A POCKET LAMP [54] LAMPE, EN PARTICULIER LAMPE DE SALON, DE BUREAU OU DE POCHE [72] OPOLKA, HARALD, DE [71] ZWEIBRUDER OPTOELECTRONICS GMBH, DE [85] 2002-10-22 [86] 2001-03-15 (PCT/DE2001/001009) [87] 2002-10-22 (WO2002/002989) [30] DE (200 11 282.1) 2000-07-03 [30] DE (200 19 355.4) 2000-11-15</p> |
| <p style="text-align: right;">[21] 2,405,299 [13] A1</p> <p>[51] Int.Cl. 7A61K 39/00 7A61K 38/00 7A61K 31/02 7A61K 31/04 7A61K 39/395 7A61K 31/63 7A61K 31/655 [25] EN [54] METHOD OF TREATMENT USING LIGAND-IMMUNOGEN CONJUGATES [54] METHODE DE TRAITEMENT A L'AIDE DE CONJUGUES LIGAND-IMMUNOGENE [72] LU, YINGJUAN, US [72] LOW, PHILIP STEWART, US [71] PURDUE RESEARCH FOUNDATION, US [85] 2002-09-30 [86] 2001-03-30 (PCT/US2001/010254) [87] 2001-10-11 (WO2001/074382) [30] US (60/193,944) 2000-03-31 [30] US (60/255,846) 2000-12-15</p> | <p style="text-align: right;">[21] 2,406,977 [13] A1</p> <p>[51] Int.Cl. 7B32B 3/00 7B32B 9/00 7B32B 31/00 7B32B 7/02 7B32B 7/06 7B41M 3/12 7B44C 1/165 [25] EN [54] ADHESIVE ARTICLES WITH IMPROVED AIR EGRESS AND METHODS OF MAKING THE SAME [54] ARTICLES ADHESIFS A EVACUATION D'AIR AMELIOREE ET LEURS PROCEDES DE FABRICATION [72] IYER, PRADEEP S., US [72] HANNINGTON, MICHAEL, US [71] AVERY DENNISON CORPORATION, US [85] 2002-10-22 [86] 2001-04-23 (PCT/US2001/012958) [87] 2001-11-01 (WO2001/081080) [30] US (60/199,244) 2000-04-24 [30] US (09/742,653) 2000-12-21</p> | <p style="text-align: right;">[21] 2,407,534 [13] A1</p> <p>[51] Int.Cl. 7G05B 19/042 [25] EN [54] SYSTEM FOR MONITORING AN INDUSTRIAL CLEANING PROCESS OR MACHINE [54] SYSTEME DE CONTROLE D'UN PROCESSUS OU D'UNE MACHINE DE NETTOYAGE INDUSTRIEL [72] LIVINGSTON, JAMES WESLEY, US [72] LOMAN, MARC, US [72] DUSAMOS, MARCELLUS GERARDUS, NL [72] TEN VOORDEN, HUBERT PIERRE JACQUES, NL [72] COCKING, ANDY, US [72] CREVEL, JAN WILLEM, NL [71] JOHNSON DIVERSEY, INC., US [85] 2002-10-25 [86] 2001-03-29 (PCT/EP2001/003587) [87] 2001-11-01 (WO2001/082011) [30] EP (00201462.9) 2000-04-25</p> |
| <p style="text-align: right;">[21] 2,405,726 [13] A1</p> <p>[51] Int.Cl. 7A61B 19/00 [25] EN [54] SURGICAL INSTRUMENT SUPPORT AND METHOD [54] SUPPORT D'INSTRUMENT CHIRURGICAL ET PROCEDE [72] DINKLER, CHARLES E., US [71] OHIO MEDICAL INSTRUMENT COMPANY, INC., US [85] 2002-10-03 [86] 2001-04-06 (PCT/US2001/011408) [87] 2001-10-18 (WO2001/076499) [30] US (09/543,875) 2000-04-06</p> | <p style="text-align: right;">[21] 2,407,106 [13] A1</p> <p>[51] Int.Cl. 7C08J 5/18 7B32B 27/32 [25] EN [54] ELASTIC FILM [54] FILM ELASTIQUE [72] NICOLA, THOMAS, FR [71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE [85] 2002-10-18 [86] 2001-03-16 (PCT/EP2001/003030) [87] 2001-11-22 (WO2001/088022) [30] DE (100 24 707.5) 2000-05-18</p> | |

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[25] FR
[54] **SYSTEME DE TRANSACTION AVEC DISPOSITIF PERSONNEL PORTATIF D'IDENTIFICATION ET DE CONTROLE DE TRANSACTION**
[54] **TRANSACTION SYSTEM WITH PORTABLE PERSONAL DEVICE FOR TRANSACTION IDENTIFICATION AND CONTROL**
[72] GAILLARD, JOEL, BS
[71] G. HOLDINGS LTD., BS
[85] 2002-10-24
[86] 2001-03-12 (PCT/IB2001/000354)
[87] 2002-01-03 (WO2002/001521)
[30] US (60/214,436) 2000-06-28
[30] US (60/238,417) 2000-10-10
[30] US (60/238,418) 2000-10-10

[21] **2,407,614**
[13] A1

[51] **Int.Cl. 7C12N 1/00 7F26B 17/10 7A23L 1/28 7A61K 35/66**
[25] EN
[54] **SPRAY-DRIED MICROBIAL CELLS**
[54] **CELLULES MICROBIENNES SECHEES PAR PULVERISATION**
[72] ARAI, TERUHIKO, JP
[72] HIRAYAMA, KOUICHI, JP
[72] MIZUGUCHI, TAIJI, JP
[71] BIOFERMIN PHARMACEUTICAL CO., LTD., JP
[85] 2002-10-25
[86] 2001-04-27 (PCT/JP2001/003754)
[87] 2001-11-08 (WO2001/083704)
[30] JP (2000-133307) 2000-05-02
[30] JP (2000-339267) 2000-11-07

[21] **2,407,654**
[13] A1

[51] **Int.Cl. 7A61K 49/04 7A61K 9/127 7A61K 47/24 7A61K 47/28**
[25] EN
[54] **LIPOSOME CONTAINING HYDROPHOBIC IODINE COMPOUND**
[54] **LIPOSOMES CONTENANT UN COMPOSE D'IODE HYDROPHOBE**
[72] AIKAWA, KAZUHIRO, JP
[72] KITAGUCHI, HIROSHI, JP
[71] FUJI PHOTO FILM CO., LTD., JP
[85] 2002-10-28
[86] 2001-04-26 (PCT/JP2001/003629)
[87] 2002-10-28 (WO2001/082977)
[30] JP (2000-130069) 2000-04-28
[30] JP (2001-18573) 2001-01-26

[21] **2,407,778**
[13] A1

[51] **Int.Cl. 7B05B 3/10 7A23P 1/08 7A23G 3/20**
[25] EN
[54] **ATOMIZING DEVICE FOR COATING APPARATUS**
[54] **DISPOSITIF D'ENROBAGE ET PROCEDE D'UTILISATION**
[72] LOHKAMP, MARK R., US
[71] WILEVCO, INC., US
[85] 2002-10-29
[86] 2001-05-10 (PCT/US2001/015031)
[87] 2001-11-15 (WO2001/084947)
[30] US (60/202,893) 2000-05-10

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[13] A1

[51] **Int.Cl. 7C08L 101/00 7G02B 3/00 7G02B 6/00 7C08L 81/00 7C08L 85/00 7G03F 7/004 7G02B 1/04 7C08L 83/04 7G02B 6/12**
[25] EN
[54] **RADIATION-SENSITIVE COMPOSITION CHANGING IN REFRACTIVE INDEX AND UTILIZATION THEREOF**
[54] **COMPOSITION RADIOSENSIBLE CHANGEANT D'INDICE DE REFRACTION ET UTILISATION ASSOCIEE**
[72] BESSHO, NOBUO, JP
[72] NISHIMURA, ISAO, JP
[72] YAMADA, KENJI, JP
[72] KUMANO, ATSUSHI, JP
[71] JSR CORPORATION, JP
[85] 2002-11-12
[86] 2002-03-08 (PCT/JP2002/002178)
[87] 2002-11-12 (WO2002/072705)
[30] JP (2001-70151) 2001-03-13

[21] **2,408,298**
[13] A1

[51] **Int.Cl. 7A61H 1/00**
[25] EN
[54] **EROTIC STIMULATION DEVICE**
[54] **DISPOSITIF DE STIMULATION EROTIQUE**
[72] KLEIN, ERIC A., US
[71] KLEIN, ERIC A., US
[85] 2002-10-04
[86] 2001-04-04 (PCT/US2001/011093)
[87] 2001-10-18 (WO2001/076685)
[30] US (09/543,050) 2000-04-05

[21] **2,408,402**
[13] A1

[51] **Int.Cl. 7G11C 16/16**
[25] EN
[54] **PAGE MODE ERASE IN A FLASH MEMORY ARRAY**
[54] **MODE D'EFFACEMENT DE PAGE POUR MATRICE DE MEMOIRES FLASH**
[72] GUPTA, ANIL, US
[72] SCHUMANN, STEVEN J., US
[71] ATMEL CORPORATION, US
[85] 2002-10-04
[86] 2001-04-03 (PCT/US2001/010948)
[87] 2001-10-11 (WO2001/075899)
[30] US (09/542,434) 2000-04-04

[21] **2,408,560**
[13] A1

[51] **Int.Cl. 7H04M 3/42 7H04L 12/16 7H04M 1/57**
[25] EN
[54] **SERVICE SYSTEM FOR PROVIDING BY CONFIRMING CALLER TELEPHONE NUMBER, SERVICE METHOD AND MEDIUM**
[54] **SYSTEME DE SERVICE A VERIFICATION DU NUMERO DE TELEPHONE DE L'APPELANT, ET METHODE ET SUPPORT DE SERVICE CONNEXES**
[72] SHIMADA, YUKIO, JP
[71] BELL NET CORP., JP
[85] 2002-09-18
[86] 2001-09-18 (PCT/JP2001/008108)
[87] 2003-03-18 (WO/)

[21] **2,408,982**
[13] A1

[51] **Int.Cl. 7F16N 13/20 7F04C 15/04**
[25] EN
[54] **REGULATED PUMP**
[54] **POMPE REGULEE**
[72] BACHMANN, JOSEF, DE
[71] GKN SINTER METALS GMBH, DE
[85] 2002-11-14
[86] 2001-05-22 (PCT/EP2001/005902)
[87] 2002-11-14 (WO2001/090632)
[30] DE (100 25 723.2) 2000-05-25

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[13] A1
[51] **Int.Cl. 7B23K 20/12 7B23K 37/00**
[25] EN
[54] **FRICITION STIR WELDING USING A SUPERABRASIVE TOOL**
[54] **SOUUSAGE PAR FRICTION MALAXAGE AU MOYEN D'UN OUTIL SUPER ABRASIF**
[72] PACKER, SCOTT, US
[72] FELTER, PAUL ALLEN, US
[72] NELSON, TRACY W., US
[72] SORENSEN, CARL D., US
[71] PACKER, SCOTT, US
[71] FELTER, PAUL ALLEN, US
[71] BRIGHAM YOUNG UNIVERSITY, US
[85] 2002-11-08
[86] 2001-05-08 (PCT/US2001/015084)
[87] 2001-11-15 (WO2001/085385)
[30] US (60/202,665) 2000-05-08

[21] **2,410,217**
[13] A1
[51] **Int.Cl. 7H01M 10/46**
[25] EN
[54] **BATTERY FOR A CHILDREN'S RIDE-ON VEHICLE**
[54] **BATTERIE POUR VOITURE D'ENFANT A PEDALE**
[72] BIENZ, BRIAN L., US
[72] CROFUT, CHUCK J., US
[71] MATTEL, INC., US
[85] 2002-11-21
[86] 2001-05-31 (PCT/US2001/017905)
[87] 2001-12-06 (WO2001/093364)
[30] US (09/585,677) 2000-06-01

[21] **2,411,832**
[13] A1
[51] **Int.Cl. 7A61M 31/00**
[25] EN
[54] **SYSTEM AND METHOD FOR SEALING VASCULAR PENETRATIONS WITH HEMOSTATIC GELS**
[54] **SYSTEME ET PROCEDE PERMETTANT DE SCELLER DES PERFORATIONS VASCULAIRES AVEC DES GELS HEMOSTATIQUES**
[72] RONDINONE, JOSEPH F., US
[72] VIDAL, CLAUDE A., US
[72] VEGA, FELIX, US
[72] COLLINSON, MICHAEL, US
[72] REICH, CARY J., US
[72] REDMOND, RUSSELL J., US
[71] BAXTER INTERNATIONAL, INC., US
[71] BAXTER HEALTHCARE SA, CH
[85] 2002-12-12
[86] 2001-06-16 (PCT/US2001/019210)
[87] 2001-12-27 (WO2001/097898)
[30] US (60/212,181) 2000-06-16

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[13] A1
[51] **Int.Cl. 7G01N 27/327 7C12Q 1/00 7G01N 25/48 7G01N 33/543 7G01N 21/78**
[25] EN
[54] **CHEMICAL SENSOR DEVICE**
[54] **DISPOSITIF DE CAPTEUR CHIMIQUE**
[72] NISHIGUCHI, MASASHI, JP
[72] NIWA, KAZUHIRO, JP
[72] ONOUCHI, TORU, JP
[71] MATSUSHITA SEIKO CO., LTD., JP
[85] 2002-10-30
[86] 2001-05-10 (PCT/JP2001/003917)
[87] 2002-10-30 (WO2001/086275)
[30] JP (2000-138671) 2000-05-11
[30] JP (2000-223406) 2000-07-25

[21] **2,412,313**
[13] A1
[51] **Int.Cl. 7G07F 15/00 7G07F 7/00 7G07F 7/10 7G07F 15/12**
[25] EN
[54] **A UTILITY METERING SYSTEM INCORPORATING A TRANSACTION AUTHORISATION SYSTEM**
[54] **APPAREIL DOMESTIQUE DE MESURE COMPORTANT UN SYSTEME D'AUTORISATION DE TRANSACTIONS**
[72] JARMAN, MICHAEL, GB
[72] HOWARD, GAVIN, GB
[71] SECURE ELECTRANS LIMITED, GB
[85] 2002-12-19
[86] 2001-05-18 (PCT/GB2001/002275)
[87] 2001-11-29 (WO2001/091073)
[30] GB (0012392.7) 2000-05-22

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[13] A1
[51] **Int.Cl. 7H04Q 7/22**
[25] EN
[54] **METHOD AND APPARATUS FOR ENHANCED SHORT MESSAGE SERVICE**
[54] **PROCEDE ET APPAREIL DESTINES A UN SERVICE DE MESSAGES COURTS AMELIORE**
[72] OLVERA-HERNANDEZ, ULISES, CA
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2002-12-19
[86] 2001-06-08 (PCT/SE2001/001315)
[87] 2002-01-31 (WO2002/009460)
[30] SE (0002766-4) 2000-07-21

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[13] A1
[51] **Int.Cl. 7A61L 2/00 7C12N 7/04**
[25] EN
[54] **A METHOD OF TREATING AND PREVENTING INFECTIOUS DISEASES**
[54] **METHODE DE TRAITEMENT ET DE PREVENTION DE MALADIES INFECTIEUSES**
[72] CHAM, BILL E., AU
[71] LIPID SCIENCES, INC., US
[85] 2002-12-19
[86] 2001-06-21 (PCT/IB2001/001099)
[87] 2002-01-03 (WO2002/000266)
[30] AU (PQ8469) 2000-06-29
[30] AU (PCT/AU00/01603) 2000-12-28

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[21] **2,412,893**
[13] A1

[51] **Int.Cl. 7A23L 1/30 7A21D 2/36**
[25] EN
[54] **FOOD COMPOSITION**
[54] **COMPOSITION ALIMENTAIRE**
[72] SIPILA, KARI, FI
[71] HK RUOKATALO OYJ, FI
[85] 2002-10-01
[86] 2001-03-27 (PCT/FI2001/000296)
[87] 2001-10-11 (WO2001/074179)
[30] FI (20000776) 2000-04-03

[21] **2,413,330**
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[51] **Int.Cl. 7A61K 9/14**
[25] EN
[54] **WET MILLING PROCESS**
[54] **PROCEDE DE BROYAGE PAR VOIE HUMIDE**
[72] LEONARD, GRAHAM STANLEY, GB
[72] KNIGHT, WENDY ANNE, GB
[72] HOLLAND, SIMON JOSEPH, GB
[71] SMITHKLINE BEECHAM P.L.C., GB
[85] 2002-12-18
[86] 2001-06-22 (PCT/EP2001/007085)
[87] 2002-01-03 (WO2002/000196)
[30] GB (0015856.8) 2000-06-28
[30] GB (0112496.5) 2001-05-22

[21] **2,413,365**
[13] A1

[51] **Int.Cl. 7F01N 3/02 7C10L 1/00 7F01N 3/021 7F01N 3/023 7C10L 1/32**
[25] EN
[54] **A PROCESS FOR REDUCING POLLUTANTS FROM THE EXHAUST OF A DIESEL ENGINE**
[54] **DIMINUTION DES EMISSIONS POLLUANTES D'UN MOTEUR DIESEL PAR L'EMPLOI COMBINE D'UN GAZOLE RENFERMANT DE L'EAU ET DE POST-TRAITEMENTS A L'ECHAPPEMENT**
[72] LANGER, DEBORAH A., US
[72] TADROUS, TED N., CA
[72] BROWN, KEVIN F., CA
[72] DUNCAN, DAVID A., GB
[71] THE LUBRIZOL CORPORATION, US
[85] 2002-12-18
[86] 2001-06-15 (PCT/US2001/019195)
[87] 2001-12-27 (WO2001/097952)
[30] US (60/212,766) 2000-06-20

[21] **2,413,384**
[13] A1

[51] **Int.Cl. 7B32B 7/12**
[25] EN
[54] **NON-WAX FILM STRUCTURES USEFUL FOR PACKAGING FOOD PRODUCTS**
[54] **STRUCTURES FILM SANS PARAFFINE CONVENANT POUR L'EMBALLAGE DE PRODUITS ALIMENTAIRES**
[72] BUELOW, DUANE H., US
[72] LITTMANN, RICHARD, US
[72] PERRE, CHAD, US
[72] HODSON, JAY D., US
[71] PECHINEY EMBALLAGE FLEXIBLE EUROPE, FR
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[86] 2001-06-12 (PCT/US2001/018823)
[87] 2001-12-27 (WO2001/098074)
[30] US (09/598,733) 2000-06-21

[21] **2,413,390**
[13] A1

[51] **Int.Cl. 7A61B 5/00**
[25] EN
[54] **METHODS AND SYSTEMS FOR PROVIDING MEDICAL DATA TO A THIRD PARTY IN ACCORDANCE WITH CONFIGURABLE DISTRIBUTION PARAMETERS**
[54] **PROCEDES ET SYSTEMES DE FOURNITURE DE DONNEES MEDICALES A UNE TIERCE PARTIE CONFORMEMENT A DES PARAMETRES DE DISTRIBUTION CONFIGURABLES**
[72] TUCK, RUSSELL S., US
[72] DEKRAFFT, CHARLES E., II, US
[72] VANDERBURG, CHARLES R., US
[72] NEMETH, LOUIS G., US
[71] KIVALO, INC., US
[85] 2002-12-18
[86] 2001-06-19 (PCT/US2001/019475)
[87] 2001-12-27 (WO2001/097703)
[30] US (09/596,325) 2000-06-19

[21] **2,413,404**
[13] A1

[51] **Int.Cl. 7B22F 3/22 7B22F 1/00 7C04B 35/632 7C04B 35/636**
[25] EN
[54] **AQUEOUS INJECTION MOLDING BINDER COMPOSITION AND MOLDING PROCESS**
[54] **COMPOSITION DE LIANTS AQUEUX DE MOULAGE PAR INJECTION ET PROCEDE DE MOULAGE**
[72] BEHI, MOHAMMAD, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2002-12-18
[86] 2001-06-19 (PCT/US2001/019560)
[87] 2001-12-27 (WO2001/098230)
[30] US (09/597,136) 2000-06-20

[21] **2,413,405**
[13] A1

[51] **Int.Cl. 7A61K 31/52 7A61K 31/415 7A61K 31/42 7A61K 31/53**
[25] EN
[54] **ENHANCED BRAIN FUNCTION BY GABA-ERGIC STIMULATION**
[54] **FONCTION CEREBRALE AMELIOREE PAR STIMULATION GABA-ERGIQUE**
[72] LEVENTHAL, AUDIE G., US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 2002-12-18
[86] 2001-06-20 (PCT/US2001/019719)
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[30] US (60/213,388) 2000-06-23
[30] US (60/277,427) 2001-03-20

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[21] **2,413,426**
[13] A1

[51] **Int.Cl. 7C07D 239/91 7A61P 35/00 7A61P 37/02 7A61K 31/517 7C07D 239/90**
[25] EN
[54] **METHODS AND COMPOSITIONS UTILIZING QUINAZOLINONES**
[54] **METHODES ET COMPOSITIONS D'UTILISATION DES QUINAZOLINONES**
[72] FINER, JEFFREY T., US
[72] CHABALA, JOHN C., US
[72] SMITH, WHITNEY W., US
[72] MORGANS, DAVID J., JR., US
[72] FENG, BAINIAN, US
[72] BERGNES, GUSTAV, US
[71] CYTOKINETICS, INC., US
[85] 2002-12-18
[86] 2001-04-27 (PCT/US2001/013901)
[87] 2001-12-27 (WO2001/098278)
[30] US (60/213,104) 2000-06-21
[30] US (09/699,047) 2000-10-24

[21] **2,413,665**
[13] A1

[51] **Int.Cl. 7A61M 5/00 7A61M 5/178 7A61B 17/56**
[25] EN
[54] **MULTI-USE SURGICAL CEMENT DISPENSER APPARATUS AND KIT FOR SAME**
[54] **APPAREIL DE DISTRIBUTION DE PATE DE PANSEMENT MULTIFONCTIONS ET TROUSSE POUR UN TEL APPAREIL**
[72] MORRIS, MICHAEL A., US
[72] PLISHKA, MICHAEL, US
[72] EVANS, AVERY J., US
[71] ALLEGIANCE CORPORATION, US
[85] 2002-10-11
[86] 2002-02-12 (PCT/US2002/021648)
[87] 2003-01-03 (WO2003/000121)
[30] US (60/267,717) 2001-02-12

[21] **2,413,719**
[13] A1

[51] **Int.Cl. 7H04Q 7/38**
[25] EN
[54] **CONTROLLING ROAMING IN A MOBILE SYSTEM**
[54] **CONTROLE DE L'ITINERANCE DANS UN SYSTEME MOBILE**
[72] PEGLION, MARC, FI
[71] NOKIA CORPORATION, FI
[85] 2002-12-11
[86] 2001-06-27 (PCT/FI2001/000612)
[87] 2002-01-03 (WO2002/001905)
[30] FI (20001531) 2000-06-28

[21] **2,413,806**
[13] A1

[51] **Int.Cl. 7A61N 1/30**
[25] EN
[54] **ELECTROKINETIC DELIVERY DEVICE**
[54] **DISPOSITIF ELECTROCINETIQUE D'ADMINISTRATION DE MEDICAMENTS**
[72] POTTER, JOSEPH, US
[72] CHANG, KUO WEI, US
[72] PORCELLI, V. LORENZO, US
[72] PORTER, CHRISTOPHER H., US
[72] HENLEY, JULIAN L., US
[72] GOLDBERG, DENNIS I., US
[71] BIOPHORETIC THERAPEUTIC SYSTEMS, LLC, US
[85] 2002-12-02
[86] 2001-05-21 (PCT/US2001/016069)
[87] 2001-12-06 (WO2001/091853)
[30] US (09/584,138) 2000-05-31

[21] **2,413,827**
[13] A1

[51] **Int.Cl. 7G09F 23/06**
[25] EN
[54] **CARRY BASKET DISPLAY**
[54] **UNITE D'AFFICHAGE POUR PANIER A PROVISIONS**
[72] NELSON, PAUL, AU
[71] IMPULSE INSTORE MARKETING SERVICES PTY LTD., AU
[85] 2002-11-29
[86] 2000-05-31 (PCT/AU2000/000623)
[87] 2000-12-07 (WO2000/074028)
[30] AU (PQ 0733) 1999-05-31

[21] **2,413,832**
[13] A1

[51] **Int.Cl. 7H04J 14/02 7G02B 6/293 7G02B 6/34**
[25] EN
[54] **ULTRA-DENSE WAVELENGTH DIVISION MULTIPLEXING/DEMULPLEXING DEVICES**
[54] **DISPOSITIFS DE MULTIPLEXAGE/DEMULPLEXAGE EN LONGUEUR D'ONDE ULTRA-DENSE**
[72] TURNER, IAN, US
[72] DEMPEWOLF, JOSEPH R., US
[72] WADE, ROBERT K., US
[71] LIGHTCHIP, INC., US
[85] 2002-12-02
[86] 2001-05-31 (PCT/US2001/017503)
[87] 2001-12-06 (WO2001/092935)
[30] US (09/583,764) 2000-05-31

[21] **2,413,835**
[13] A1

[51] **Int.Cl. 7G01N 33/50 7G01N 33/569 7C12Q 1/68**
[25] EN
[54] **ISOLATION AND CULTURING OF FETAL CELLS**
[54] **ISOLATION ET CULTURE DE CELLULES EMBRYONNAIRES**
[72] PHILIP, JOHN, DK
[72] CHRISTENSEN, BRITTA, DK
[71] PHILIP, JOHN, DK
[71] CHRISTENSEN, BRITTA, DK
[85] 2002-11-22
[86] 2000-05-25 (PCT/DK2000/000281)
[87] 2000-11-30 (WO2000/071987)
[30] EP (99201651.9) 1999-05-25

[21] **2,413,846**
[13] A1

[51] **Int.Cl. 7B65D 51/22 7B65D 5/74**
[25] EN
[54] **FITMENT ASSEMBLY FOR CONTAINERS**
[54] **ENSEMBLE ACCESSOIRE POUR CONTENANTS**
[72] RAMSEY, CHRISTOPHER PAUL, GB
[72] GUGLIELMINI, BERNARD, FR
[72] TANNER, ROGER GEOFFREY, GB
[71] CROWN CORK & SEAL TECHNOLOGIES CORPORATION, US
[85] 2002-12-11
[86] 2001-06-15 (PCT/GB2001/002623)
[87] 2001-12-20 (WO2001/096199)
[30] EP (00305083.8) 2000-06-15

[21] **2,413,849**
[13] A1

[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **DELIVERY SYSTEM**
[54] **SYSTEME D'APPORT**
[72] SOLEM, JAN OTTO, CH
[71] SOLEM, JAN OTTO, CH
[85] 2002-12-12
[86] 2001-06-11 (PCT/EP2001/006631)
[87] 2001-12-27 (WO2001/097715)
[30] SE (0002395-2) 2000-06-22

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[21] **2,413,850**
[13] A1

[51] **Int.Cl. 7F03B 17/06 7F03B 13/26**
[25] EN
[54] **SYSTEM FOR THE EXPLOITATION OF TIDAL- AND RIVER CURRENT ENERGY**
[54] **SYSTEME D'EXPLOITATION DE L'ENERGIE MAREMOTRICE ET DE L'ENERGIE FLUVIALE**
[72] FREDRIKSEN, SVEIN, NO
[72] JOHANSEN, HARALD, NO
[71] HAMMERFEST STROM AS, NO
[85] 2002-11-29
[86] 2000-06-02 (PCT/NO2000/000187)
[87] 2001-12-06 (WO2001/092720)

[21] **2,413,868**
[13] A1

[51] **Int.Cl. 7C08F 290/06 7C09D 163/10 7C09D 175/16**
[25] EN
[54] **COMPOSITIONS BASED ON EMULSIFIED UV-CURABLE RESINS AND USE THEREOF AS VARNISH COATING FOR FLOORING AND WALL FINISH**
[54] **COMPOSITIONS A BASE DE RESINES EMULSIFIEES RETICULABLES PAR UV ET LEUR APPLICATION COMME COUCHE DE VERNIS POUR REVETEMENTS DE SOLS ET DE MURS**
[72] HOUBA, GABRIEL, LU
[72] DAO VIET, DUNG, BE
[72] SIMON, JEAN-YVES, BE
[71] TARKETT SOMMER S.A., FR
[85] 2002-11-27
[86] 2000-10-17 (PCT/BE2000/000124)
[87] 2001-12-20 (WO2001/096431)
[30] EP (00870129.4) 2000-06-15

[21] **2,413,872**
[13] A1

[51] **Int.Cl. 7A61B 3/12**
[25] EN
[54] **ANALYSIS OF OPTIC NERVE HEAD SHAPE**
[54] **ANALYSE D'UNE COUPE DU DISQUE DU NERF OPTIQUE**
[72] SWINDALE, NICHOLAS V., CA
[72] CHIN, ADELINE, CA
[72] HETHERINGTON, PHILLIP, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2002-11-27
[86] 2000-06-16 (PCT/CA2000/000728)
[87] 2001-12-20 (WO2001/095790)

[21] **2,413,883**
[13] A1

[51] **Int.Cl. 7A61K 31/56**
[25] EN
[54] **METHOD FOR PREVENTING TISSUE DAMAGE ASSOCIATED WITH GRAFT-VERSUS-HOST OR HOST-VERSUS-GRAFT DISEASE FOLLOWING TRANSPLANTATION**
[54] **PROCEDE DE PREVENTION DE DOMMAGES TISSULAIRES ASSOCIES A UNE REACTION DU GREFFON CONTRE L'HOTE OU UNE REACTION DE L'HOTE CONTRE LE GREFFON QUI SUIT UNE TRANSPLANTATION**
[72] MCDONALD, GEORGE B., US
[71] ENTERON PHARMACEUTICALS, INC., US
[85] 2002-11-22
[86] 2000-05-22 (PCT/US2000/014064)
[87] 2001-11-29 (WO2001/089529)

[21] **2,413,886**
[13] A1

[51] **Int.Cl. 7H04L 29/06 7G06F 11/34 7H04L 12/56**
[25] EN
[54] **CLIENT SIDE HOLISTIC HEALTH CHECK**
[54] **BILAN HOLISTIQUE COTE CLIENT**
[72] THOMPSON, MARK R., US
[72] RACIBORSKI, NATHAN F., US
[71] AEROCAST.COM, INC., US
[85] 2002-11-29
[86] 2001-06-01 (PCT/US2001/017874)
[87] 2001-12-06 (WO2001/093037)
[30] US (60/209,007) 2000-06-01
[30] US (09/663,555) 2000-09-18

[21] **2,413,890**
[13] A1

[51] **Int.Cl. 7H03M 13/29**
[25] EN
[54] **METHOD AND SYSTEM FOR DECODING**
[54] **PROCEDE ET SYSTEME DE DECODAGE**
[72] KSCHISCHANG, FRANK, CA
[72] CASTURA, JEFFREY P., CA
[71] KSCHISCHANG, FRANK, CA
[71] CASTURA, JEFFREY P., CA
[85] 2002-11-29
[86] 2001-06-01 (PCT/CA2001/000805)
[87] 2001-12-06 (WO2001/093432)
[30] CA (2,310,186) 2000-06-02
[30] US (60/208,562) 2000-06-02

[21] **2,413,897**
[13] A1

[51] **Int.Cl. 7G01M 11/02**
[25] EN
[54] **APPARATUS AND METHOD FOR MEASURING OPTICAL CHARACTERISTICS, RECORDING MEDIUM**
[54] **APPAREIL ET PROCEDE DE MESURE DE CARACTERISTIQUES OPTIQUES ET SUPPORT D'ENREGISTREMENT**
[72] NAKAMURA, KENICHI, JP
[72] TOMI, TAKAHISA, JP
[72] KIMURA, EIJI, JP
[71] ADVANTEST CORPORATION, JP
[85] 2002-11-29
[86] 2001-06-01 (PCT/JP2001/004666)
[87] 2001-12-13 (WO2001/094906)
[30] JP (2000-169027) 2000-06-06

[21] **2,413,906**
[13] A1

[51] **Int.Cl. 7A61P 3/06 7A61K 31/19 7A61K 31/255**
[25] EN
[54] **CARBOXYALKYLEETHER-ACAT INHIBITOR COMBINATIONS**
[54] **COMBINAISONS DE CARBOXYALKYLEETHER ET D'INHIBITEUR DE L'ACAT**
[72] AUERBACH, BRUCE JEFFREY, US
[72] ZOBEL, DONNA LEE, US
[71] WARNER-LAMBERT COMPANY, US
[85] 2002-11-29
[86] 2001-05-08 (PCT/US2001/014804)
[87] 2001-12-13 (WO2001/093845)
[30] US (60/210,056) 2000-06-07

[21] **2,413,917**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **DISTRIBUTION SYSTEM**
[54] **SYSTEME DE DISTRIBUTION**
[72] WADDINGTON, STEFFANIE G., US
[72] WALKER, DONALD G., US
[72] BORK, ERWIN MILTON JESSE III, US
[72] WARREN, GEORGE T., US
[72] WHITE, DAN A., US
[72] MAGILL, THOMAS M., US
[71] MCKESSON CORPORATION, US
[85] 2002-11-29
[86] 2001-05-31 (PCT/US2001/017593)
[87] 2001-12-06 (WO2001/093435)
[30] US (60/208,133) 2000-05-31

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[21] **2,413,921**
[13] A1

[51] **Int.Cl. 7A61F 13/15 7A61F 13/47 7A61F 5/48**
[25] EN
[54] **WASHABLE ABSORBENT PAD AND A METHOD FOR MANUFACTURING SAME**
[54] **COUSSINET ABSORBANT LAVABLE ET PROCEDE DE FABRICATION**
[72] GOYARTS, GREGORIUS MARIA HUBERTUS, NL
[71] GOYARTS B.V., NL
[85] 2002-11-29
[86] 2000-05-30 (PCT/NL2000/000370)
[87] 2000-12-21 (WO2000/076430)
[30] NL (1012368) 1999-06-16

[21] **2,413,924**
[13] A1

[51] **Int.Cl. 7B44C 5/04 7D21H 27/28**
[25] EN
[54] **LAMINATE OVERLAY WITH PRESS PLATE PROTECTION AND METHODS OF PRODUCING THE SAME**
[54] **REVETEMENT POUR STRATIFIE POURVU D'UNE PROTECTION DE PLAQUE DE PRESSE ET PROCEDES DE PRODUCTION DUDIT REVETEMENT**
[72] GUIVERNAU-MARQUES, RAMON, CA
[72] LIU, ANN X, CA
[71] AKZO NOBEL N.V., NL
[85] 2002-11-29
[86] 2001-05-24 (PCT/IB2001/001194)
[87] 2001-12-06 (WO2001/092037)
[30] US (09/586,003) 2000-06-02

[21] **2,413,926**
[13] A1

[51] **Int.Cl. 7G01N 33/543 7G01N 33/52**
[25] EN
[54] **ANALYZING DEVICE**
[54] **DISPOSITIF D'ANALYSE**
[72] MATSUSHITA, HIROHISA, JP
[72] KAWAI, HIDENORI, JP
[72] KITO, TAKASHI, JP
[71] NICHIREI CORPORATION, JP
[85] 2002-11-22
[86] 2000-12-19 (PCT/JP2000/008991)
[87] 2002-11-22 (WO2001/090753)
[30] JP (2000-155385) 2000-05-25

[21] **2,413,928**
[13] A1

[51] **Int.Cl. 7A61K 45/00 7A61P 27/02 7C07H 19/10 7C07H 19/20 7A61K 31/7072 7A61K 31/7076 7A61K 31/7084**
[25] EN
[54] **ECTOCORNEA EXTENSION PROMOTERS**
[54] **PROMOTEURS DE L'EXTENSION DE L'EPITHELIUM CORNEEN**
[72] FUJITA, HIROMI, JP
[72] FUJIHARA, TSUTOMU, JP
[72] NAKAMURA, MASATSUGU, JP
[72] NAKATA, KATSUHIKO, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
[71] INSPIRE PHARMACEUTICALS, INC., US
[85] 2002-11-29
[86] 2001-05-30 (PCT/JP2001/004520)
[87] 2001-12-06 (WO2001/091795)
[30] JP (2000-159889) 2000-05-30

[21] **2,413,941**
[13] A1

[51] **Int.Cl. 7A61M 25/02**
[25] EN
[54] **ANCHORING SYSTEM FOR LUER LOCK CONNECTOR**
[54] **SYSTEME D'ANCRAGE POUR RACCORD LUER LOCK**
[72] MITCHELL, WAYNE T., US
[72] BIERMAN, STEVEN F., US
[72] PLUTH, RICHARD A., US
[71] VENETEC INTERNATIONAL, INC., US
[85] 2002-11-29
[86] 2001-05-31 (PCT/US2001/017561)
[87] 2001-12-06 (WO2001/091847)
[30] US (09/585,526) 2000-06-01

[21] **2,413,943**
[13] A1

[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **VIEWER OBJECT PROXY**
[54] **PROCURATION D'OBJETS POUR LE VISIONNEMENT**
[72] RACIBORSKI, NATHAN F., US
[72] THOMPSON, MARK R., US
[71] AEROCAST.COM, INC., US
[85] 2002-11-29
[86] 2001-06-01 (PCT/US2001/017801)
[87] 2001-12-06 (WO2001/093109)
[30] US (60/209,007) 2000-06-01
[30] US (09/664,148) 2000-09-18

[21] **2,413,949**
[13] A1

[51] **Int.Cl. 7H04J 13/00 7G06E 3/00 7H04B 1/707**
[25] EN
[54] **OPTICAL PROCESSOR ENHANCED RECEIVER ARCHITECTURE (OPERA)**
[54] **ARCHITECTURE DE RECEPTEUR AVANCEE AVEC PROCESSEUR OPTIQUE (OPERA)**
[72] TURPIN, TERRY M., US
[72] LAFUSE, JAMES L., US
[71] ESSEX CORPORATION, US
[85] 2002-11-29
[86] 2001-06-01 (PCT/US2001/017777)
[87] 2001-12-13 (WO2001/095534)
[30] US (60/209,434) 2000-06-02
[30] US (09/766,151) 2001-01-19

[21] **2,413,952**
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04L 29/06 7H04L 29/12 7G06F 17/30**
[25] EN
[54] **SELECTIVE ROUTING**
[54] **ACHEMINEMENT SELECTIF**
[72] THOMPSON, MARK R., US
[72] RACIBORSKI, NATHAN F., US
[71] AEROCAST.COM, INC., US
[85] 2002-11-29
[86] 2001-06-01 (PCT/US2001/017809)
[87] 2001-12-06 (WO2001/093534)
[30] US (60/209,007) 2000-06-01
[30] US (09/664,509) 2000-09-18

[21] **2,413,956**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7H04L 29/06 7H04L 29/12**
[25] EN
[54] **CONTENT EXCHANGE APPARATUS**
[54] **APPAREIL POUR ECHANGE DE CONTENUS**
[72] THOMPSON, MARK R., US
[72] RACIBORSKI, NATHAN F., US
[71] AEROCAST.COM, INC., US
[85] 2002-11-29
[86] 2001-06-01 (PCT/US2001/017814)
[87] 2001-12-06 (WO2001/093535)
[30] US (60/209,007) 2000-06-01
[30] US (09/665,205) 2000-09-18
[30] US (09/664,147) 2000-09-18
[30] US (09/870,302) 2001-05-29

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[21] **2,413,960**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7H04L 29/06 7H04L 29/12**

[25] EN

[54] **SELF-PUBLISHING NETWORK DIRECTORY**

[54] **REPERTOIRE DES RESEAUX D'AUTO-EDITION**

[72] THOMPSON, MARK R., US

[72] RACIBORSKI, NATHAN F., US

[71] AEROCAST.COM, INC., US

[85] 2002-11-29

[86] 2001-06-01 (PCT/US2001/018020)

[87] 2001-12-06 (WO2001/093082)

[30] US (60/209,007) 2000-06-01

[30] US (09/664,294) 2000-09-18

[21] **2,413,964**
[13] A1

[51] **Int.Cl. 7B60D 1/173 7B61G 5/00**

[25] EN

[54] **DEVICE FOR DETACHABLY INTERLINKING TWO VEHICLE ELEMENTS OF A VEHICLE THAT ARE ARRANGED IN TANDEM, AND THE USE THEREOF**

[54] **DISPOSITIF POUR ASSEMBLER DE FACON AMOVIBLE DEUX ELEMENTS DISPOSES EN LIGNE D'UN VEHICULE, ET UTILISATION DE CE DISPOSITIF**

[72] GAIN, NORBERT RALF, DE

[72] KUBLER, GUIDO, DE

[71] GUIDO KUBLER GMBH, DE

[85] 2002-12-02

[86] 2001-05-31 (PCT/EP2001/006201)

[87] 2002-12-02 (WO2001/094134)

[30] DE (100 28 234.2) 2000-06-07

[21] **2,413,967**
[13] A1

[51] **Int.Cl. 7B65D 21/032**

[25] EN

[54] **STACKABLE CONTAINER**

[54] **RECIPIENT EMPILABLE**

[72] QUAINANCE, BENJAMIN W., US

[71] INTERNATIONAL PAPER

COMPANY, US

[85] 2002-12-02

[86] 2001-06-06 (PCT/US2001/018412)

[87] 2001-12-13 (WO2001/094218)

[30] US (60/209,786) 2000-06-07

[30] US (60/211,530) 2000-06-15

[21] **2,413,971**
[13] A1

[51] **Int.Cl. 7C07D 403/12 7A61P 35/00 7C07D 401/12 7C07D 413/12 7A61K 31/44**

[25] EN

[54] **HETEROCYCLIC HYDRAZONES FOR USE AS ANTI-CANCER AGENTS**

[54] **HYDRAZONES**

HETEROCYCLIQUES COMME

AGENTS ANTI-CANCEREUX

[72] HEINISCH, GOTTFRIED, AT

[72] EASMON, JOHNNY, AT

[72] PURSTINGER, GERHARD, AT

[72] HOFMANN, JOHANN, AT

[72] FIEBIG, HEINZ-HERBERT, DE

[71] INNOVATIONSAGENTUR

GESELLSCHAFT M.B.H., AT

[85] 2002-12-02

[86] 2001-06-05 (PCT/AT2001/000187)

[87] 2002-12-02 (WO2001/094340)

[30] AT (A 977/2000) 2000-06-05

[21] **2,413,972**
[13] A1

[51] **Int.Cl. 7C08L 27/06 7B05D 3/02**

7C08K 5/09 7B05D 7/16 7C08F 8/34

7B05D 1/36

[25] EN

[54] **A PLASTISOL COMPOSITION AND METHOD FOR USING SAME**

[54] **COMPOSITION PLASTISOL ET**

PROCEDE D'UTILISATION DE CETTE COMPOSITION

[72] HUBERT, JAMES, US

[72] HABJANIC, FELIKS, US

[71] HENKEL CORPORATION, US

[85] 2002-12-02

[86] 2001-05-17 (PCT/US2001/016003)

[87] 2001-12-13 (WO2001/094464)

[30] US (60/208,757) 2000-06-02

[21] **2,413,977**
[13] A1

[51] **Int.Cl. 7H04J 14/02 7G02B 6/00 7G02B 6/293**

[25] EN

[54] **ATHERMALIZATION AND PRESSURE DESENSITIZATION OF DIFFRACTION GRATING BASED WDM DEVICES**

[54] **ATHERMALISATION ET DESENSIBILISATION DE PRESSION DE DISPOSITIFS WDM A RESEAU DE DIFFRACTION**

[72] DUECK, ROBERT H., US

[72] CAPPIELLO, GREGORY G., US

[71] LIGHTCHIP, INC., US

[85] 2002-12-02

[86] 2001-06-01 (PCT/US2001/017824)

[87] 2001-12-13 (WO2001/094996)

[30] US (60/208,482) 2000-06-02

[30] US (60/208,478) 2000-06-02

[30] US (09/724,770) 2000-11-28

[21] **2,413,988**
[13] A1

[51] **Int.Cl. 7B64F 1/22**

[25] EN

[54] **TRACTION VEHICLE FOR AIRCRAFT AND ENGAGEMENT AND HOISTING DEVICE THEREFOR**

[54] **VEHICULE DE TRACTION POUR AVION ET DISPOSITIF DE LOGEMENT ET DE LEVAGE ASSOCIE**

[72] JOHANSSON, MAGNUS, SE

[71] KALMAR MOTOR AB, SE

[85] 2002-11-29

[86] 2001-06-21 (PCT/SE2001/001429)

[87] 2002-01-03 (WO2002/000501)

[30] SE (0002376-2) 2000-06-26

[21] **2,413,993**
[13] A1

[51] **Int.Cl. 7B03C 3/155 7B03C 3/02 7B03C 3/12**

[25] EN

[54] **DUST FILTER WITH FILTER SLEEVE, EMISSION ELECTRODE AND COLLECTING ELECTRODE**

[54] **FILTRE A POUSSIERE AVEC MANCHE FILTRANTE, ELECTRODE A COURONNE ET ELECTRODE DE PRECIPITATION**

[72] SCHEUCH, ALOIS, AT

[71] SCHEUCH GMBH, AT

[85] 2002-12-02

[86] 2001-05-31 (PCT/AT2001/000179)

[87] 2002-12-02 (WO2001/091908)

[30] AT (A 960/2000) 2000-05-31

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[21] **2,413,998**
[13] A1

[51] **Int.Cl. 7H04J 14/02 7H04B 10/08 7G01J 3/18 7G01J 3/28**
[25] EN
[54] **OPTICAL PERFORMANCE MONITOR WITH OPTIMIZED FOCUS SPOT SIZE**
[54] **DISPOSITIF DE SURVEILLANCE OPTIQUE AVEC UNE DIMENSION DE POINT DE FOCALISATION OPTIMISEE**
[72] SUSSMAN, MICHAEL, US
[72] COPPETA, DAVID A., US
[72] CAPPIELLO, GREGORY G., US
[71] LIGHTCHIP, INC., US
[85] 2002-12-02
[86] 2001-06-01 (PCT/US2001/017698)
[87] 2001-12-13 (WO2001/095541)
[30] US (60/208,477) 2000-06-02
[30] US (60/208,478) 2000-06-02
[30] US (60/208,483) 2000-06-02
[30] US (60/208,482) 2000-06-02
[30] US (60/212,099) 2000-06-15
[30] US (09/724,717) 2000-11-28

[21] **2,414,008**
[13] A1

[51] **Int.Cl. 7A61K 31/215 7A61K 31/197 7A61P 25/20**
[25] EN
[54] **GABAPENTIN ANALOGUES FOR SLEEP DISORDERS**
[54] **ANALOGUES DE GABAPENTINE POUR TRAITER LES TROUBLES DU SOMMEIL**
[72] BRYANS, JUSTIN STEPHEN, GB
[72] MELTZER, LEONARD THEODORE, US
[71] WARNER-LAMBERT COMPANY, US
[85] 2002-11-29
[86] 2001-05-18 (PCT/US2001/016343)
[87] 2002-01-03 (WO2002/000209)
[30] US (60/214,171) 2000-06-26

[21] **2,414,024**
[13] A1

[51] **Int.Cl. 7G01N 15/08**
[25] EN
[54] **APPARATUS AND METHOD FOR MEASUREMENT OF PERMEABILITY OR STRAIN IN PERMEABLE MATERIALS**
[54] **APPAREIL DE MESURE DE LA PERMEABILITE OU DE LA CAPACITE DE FILTRAGE DE MATERIAUX PERMEABLES ET PROCEDE CORRESPONDANT**
[72] DAVEY, KENNETH JOHN, AU
[71] STRUCTURAL MONITORING SYSTEMS LTD., AU
[85] 2002-12-02
[86] 2001-05-28 (PCT/AU2001/000628)
[87] 2001-12-06 (WO2001/092851)
[30] AU (PQ7880) 2000-05-30

[21] **2,414,027**
[13] A1

[51] **Int.Cl. 7G02B 27/14 7H04J 14/02 7G02B 6/42**
[25] EN
[54] **OPTICAL TAPPED DELAY LINE**
[54] **LIGNE OPTIQUE A RETARD A DERIVATIONS**
[72] TURPIN, TERRY M., US
[72] FROEHLICH, FRED F., US
[72] NICHOLS, BRUCE D., US
[71] ESSEX CORPORATION, US
[85] 2002-11-29
[86] 2001-06-01 (PCT/US2001/017783)
[87] 2002-01-10 (WO2002/003123)
[30] US (60/208,894) 2000-06-02
[30] US (09/687,029) 2000-10-13

[21] **2,414,031**
[13] A1

[51] **Int.Cl. 7G03G 5/16 7G03G 17/00 7G03G 19/00 7B41M 5/28 7B41M 5/30**
[25] EN
[54] **FLAT MATERIAL ESPECIALLY IN THE FORM OF A SHEET OR A STRIP AND DEVICE FOR WRITING ON SAID MATERIAL**
[54] **MATERIAU PLAT, NOTAMMENT SOUS FORME DE FEUILLE OU DE BANDE, ET DISPOSITIF D'ECRIURE POUR UN TEL MATERIAU**
[72] BOSSERT, WOLFGANG, DE
[71] BOSSERT, WOLFGANG, DE
[85] 2003-01-23
[86] 2001-05-19 (PCT/EP2001/005754)
[87] 2003-01-23 (WO2001/092961)
[30] DE (100 27 574.5) 2000-06-02
[30] DE (100 52 523.7) 2000-10-23
[30] DE (100 58 972.3) 2000-11-28

[21] **2,414,042**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**
[25] EN
[54] **FOUNDATION FUNDS GENERATION SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME DE GENERATION DE FONDS POUR UNE FONDATION**
[72] HERMAN, ROSALIND, US
[72] CAPLITZ, GREGG, US
[71] FINANCIAL RESOURCES NETWORK, INC., US
[85] 2002-12-02
[86] 2001-06-04 (PCT/US2001/018027)
[87] 2001-12-06 (WO2001/093484)
[30] US (60/208,803) 2000-06-02
[30] US (60/217,037) 2000-07-10
[30] US (60/263,288) 2001-01-22

[21] **2,414,049**
[13] A1

[51] **Int.Cl. 7C07F 15/00**
[25] EN
[54] **RUTHENIUM-DIPHOSPHINE COMPLEXES AND THEIR USE AS CATALYSTS**
[54] **COMPLEXES RUTHENIUM-DIPHOSPHINE ET LEUR UTILISATION COMME CATALYSEURS**
[72] HEMS, WILLIAM, GB
[72] ZANOTTI-GEROSA, ANTONIO, GB
[72] BURK, MARK JOSEPH, US
[71] CHIROTECH TECHNOLOGY LIMITED, GB
[85] 2002-12-02
[86] 2001-03-23 (PCT/GB2001/001313)
[87] 2001-10-11 (WO2001/074829)
[30] GB (0007785.9) 2000-03-30
[30] GB (0018143.8) 2000-07-24

[21] **2,414,058**
[13] A1

[51] **Int.Cl. 7G01H 9/00**
[25] EN
[54] **MICROCHIP LASER VIBRATION SENSOR**
[54] **APPAREIL POUR CAPTEURS LASER A MICROPUCE**
[72] AMBS, LORAN, US
[72] YAKYMYSHYN, CHRISTOPHER, US
[71] WESTERNGECO SEISMIC HOLDINGS LTD., US
[85] 2002-11-29
[86] 2001-06-04 (PCT/US2001/018112)
[87] 2001-12-20 (WO2001/096821)
[30] US (09/590,907) 2000-06-09

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| <p style="text-align: center;">[21] 2,414,064 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/05 7A61K 47/48 [25] EN [54] CLEAR AQUEOUS ANAESTHETIC COMPOSITION [54] COMPOSITION ANESTHESIQUE AQUEUSE CLAIRE [72] KOCHAREKAR, SHILPA, IN [72] PAI, SRIKANTH, IN [72] RIVANKAR, SANGEETA, IN [71] BHARAT SERUMS & VACCINES LTD., IN [85] 2002-12-09 [86] 2000-12-14 (PCT/IN2000/000124) [87] 2001-12-27 (WO2001/097796) [30] IN (573/MUM/2000) 2000-06-21</p> | <p style="text-align: center;">[21] 2,414,069 [13] A1</p> <p>[51] Int.Cl. 7F16B 37/12 7F16B 35/00 [25] EN [54] SELF ADJUSTING SCREW SYSTEM [54] SYSTEME DE VIS A AJUSTEMENT AUTOMATIQUE [72] WARAM, THOMAS C., CA [72] UNSWORTH, JOHN D., CA [71] WARAM, THOMAS C., CA [71] UNSWORTH, JOHN D., CA [85] 2002-12-02 [86] 2001-03-30 (PCT/CA2001/000414) [87] 2001-10-11 (WO2001/075315) [30] US (09/541,508) 2000-04-03</p> | <p style="text-align: center;">[21] 2,414,075 [13] A1</p> <p>[51] Int.Cl. 7A61F 2/04 7A61F 2/00 [25] EN [54] A DEVICE FOR DELIVERING A THERAPEUTIC DOSAGE [54] DISPOSITIF SERVANT A ADMINISTRER UN DOSAGE THERAPEUTIQUE [72] BRAUCKMAN, RICHARD A., US [72] SMITH, BRUCE, US [72] WHITE, JACK C., US [71] THERAGENICS CORPORATION, US [85] 2002-12-02 [86] 2001-06-05 (PCT/US2001/018249) [87] 2001-12-13 (WO2001/093778) [30] US (60/208,904) 2000-06-05 [30] US (09/874/580) 2001-06-04</p> |
| <p style="text-align: center;">[21] 2,414,066 [13] A1</p> <p>[51] Int.Cl. 7H04Q 7/38 [25] EN [54] OPERATOR FORCED INTER-SYSTEM HANDOVER [54] TRANSFERT INTERSYSTEME PROVOQUE PAR OPERATEUR [72] HULKKONEN, TONY, FI [72] BACK, JUHA, FI [71] NOKIA CORPORATION, FI [85] 2002-12-09 [86] 2000-06-29 (PCT/EP2000/006094) [87] 2002-01-03 (WO2002/001902)</p> | <p style="text-align: center;">[21] 2,414,072 [13] A1</p> <p>[51] Int.Cl. 7C02F 1/32 7B01F 5/00 7B01J 19/12 7B01J 19/24 [25] EN [54] FLUID MIXING DEVICE [54] DISPOSITIF MELANGEUR POUR LIQUIDES [72] LU, DONGMING, CA [72] TAGHIPOUR, FARIBORZ, CA [72] CHIU, KUANG-PING, CA [72] BUFFLE, MARC-OLIVIER, CA [72] BRUNET, ROBERT A., H., CA [71] TROJAN TECHNOLOGIES, INC., CA [85] 2002-12-02 [86] 2001-06-06 (PCT/CA2001/000816) [87] 2001-12-13 (WO2001/093995) [30] US (60/209,597) 2000-06-06</p> | <p style="text-align: center;">[21] 2,414,076 [13] A1</p> <p>[51] Int.Cl. 7A61K 47/48 [25] EN [54] MULTIVALENT PLATFORM MOLECULES COMPRISING HIGH MOLECULAR WEIGHT POLYETHYLENE OXIDE [54] MOLECULES A PLATE-FORME POLYVALENTES COMPRENANT UN POLY(ETHYLENE OXYDE) DE POIDS MOLECULAIRE ELEVE [72] JONES, DAVID S., US [71] LA JOLLA PHARMACEUTICAL COMPANY, US [85] 2002-12-02 [86] 2001-06-07 (PCT/US2001/018446) [87] 2001-12-13 (WO2001/093914) [30] US (60/210,439) 2000-06-08</p> |
| <p style="text-align: center;">[21] 2,414,068 [13] A1</p> <p>[51] Int.Cl. 7A47J 43/07 7A47J 43/06 [25] EN [54] FOOD PROCESSING APPLIANCE WITH STORABLE TOOL SUPPORT [54] ROBOT DE CUISINE DONT LE SUPPORT D'OUTILS PEUT SE RANGER [72] VENEZIANO, JOSE CARLOS, BR [72] PLANCA, RINALDO, BR [71] ARNO S.A., BR [85] 2002-12-10 [86] 2000-06-22 (PCT/IB2000/000833) [87] 2001-12-27 (WO2001/097667)</p> | <p style="text-align: center;">[21] 2,414,074 [13] A1</p> <p>[51] Int.Cl. 7A44B 18/00 7A61F 13/62 [25] EN [54] VARYING THE LOOP ENGAGEABILITY OF FASTENER ELEMENT ARRAYS [54] AGENCEMENT PERMETTANT FAIRE VARIER L'APTITUDE D'ENSEMBLES D'ELEMENTS D'ATTACHE A S'ENGAGER DANS DES BOUCLES [72] FILION, SCOTT M., US [72] SCHMIDT, RICHARD J., US [71] VELCRO INDUSTRIES B.V., AN [85] 2002-12-02 [86] 2001-06-01 (PCT/US2001/017821) [87] 2001-12-13 (WO2001/093715) [30] US (09/585,942) 2000-06-02</p> | <p style="text-align: center;">[21] 2,414,080 [13] A1</p> <p>[51] Int.Cl. 7H02K 3/40 7H02K 15/12 [25] EN [54] INSULATION FOR ELECTRICAL CONDUCTORS THAT PRODUCES NO PARTIAL DISCHARGES [54] ISOLATION RESISTANT AUX DECHARGES PARTIELLES DESTINEE A DES CONDUCTEURS ELECTRIQUES [72] HANGGI, FRANZ, CH [72] FERNANDEZ, JOSE, CH [72] BRANDES, HEINZ, DE [72] JUND, FRANCOIS, FR [72] HILLMER, THOMAS, DE [72] REDIGER, JEAN-LUC, FR [71] VON ROLL ISOLA WINDING SYSTEMS GMBH, DE [85] 2002-12-02 [86] 2000-06-23 (PCT/CH2000/000345) [87] 2002-12-02 (WO2001/099255)</p> |

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[21] **2,414,081**
[13] A1
[51] **Int.Cl. 7C11D 3/42 7C09B 67/00 7C09B 69/10 7D06L 3/12 7D21H 21/30**
[25] EN
[54] **FLUORESCENT BRIGHTENER PIGMENT COMPOSITIONS**
[54] **COMPOSITIONS DE PIGMENTS DE BLANCHIMENT FLUORESCENTS**
[72] HUTTER, CHRISTIANE, DE
[72] PUEBLA, CLAUDIO, DE
[72] BISCHOF, PETER, DE
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[71] ALUSUISSE MARTINSWERK GMBH, DE
[85] 2002-12-02
[86] 2001-06-12 (PCT/EP2001/006660)
[87] 2001-12-27 (WO2001/098446)
[30] EP (00810529.8) 2000-06-19

[21] **2,414,082**
[13] A1
[51] **Int.Cl. 7A61C 13/00**
[25] EN
[54] **DEVICE FOR PRODUCING DENTAL WORKPIECES**
[54] **DISPOSITIF DE FABRICATION DE PIECES DENTAIRES**
[72] HOESCHELER, STEFAN, DE
[72] ALTHOFF, OLAF, DE
[72] BEUSCHEL, MARTIN, DE
[72] SUTTOR, DANIEL, DE
[71] 3M ESPE AG, DE
[85] 2003-01-13
[86] 2001-06-22 (PCT/EP2001/007050)
[87] 2003-01-13 (WO2001/097707)
[30] DE (200 10 643.0) 2000-06-22
[30] DE (100 37 531.6) 2000-08-01

[21] **2,414,085**
[13] A1
[51] **Int.Cl. 7C07D 333/38 7A61P 35/00 7C07D 409/04 7C07D 417/04 7C07D 515/04 7C07D 333/68**
[25] EN
[54] **THIOPHENE DERIVATIVES ACTIVE AS KINASE INHIBITORS, PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS COMPRISING THEM**
[54] **DERIVES DE THIOPHENE ACTIFS EN TANT QU'INHIBITEURS DE KINASE, LEUR PROCEDE DE PREPARATION, ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
[72] VARASI, MARIO, IT
[72] PEVARELLO, PAOLO, IT
[72] FANCELLI, DANIELE, IT
[71] PHARMACIA ITALIA S.P.A., IT
[85] 2002-12-02
[86] 2001-06-14 (PCT/EP2001/006763)
[87] 2001-12-27 (WO2001/098290)
[30] US (09/596,550) 2000-06-19

[21] **2,414,089**
[13] A1
[51] **Int.Cl. 7C07D 487/22 7C09K 9/02 7A61K 31/40**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO CHROMOPHORES**
[54] **AMELIORATIONS DE CHROMOPHORES ET RELATIVES AUXDITS CHROMOPHORES**
[72] CLARKE, OLIVER JAMES, GB
[72] BOYLE, ROSS WILLIAM, GB
[72] GREENMAN, JOHN, GB
[72] SUTTON, JONATHAN MARK, GB
[71] CATALYST BIOMEDICA LIMITED, GB
[85] 2002-12-02
[86] 2001-06-26 (PCT/GB2001/002846)
[87] 2002-01-03 (WO2002/000662)
[30] US (60/214,075) 2000-06-26
[30] GB (0113784.3) 2001-06-06

[21] **2,414,091**
[13] A1
[51] **Int.Cl. 7E21B 19/16**
[25] EN
[54] **METHOD OF OPENING JOINTS BETWEEN DRILLING COMPONENTS, AND ROCK DRILL**
[54] **PROCEDE POUR SEPARER DES JOINTS ENTRE COMPOSANTS DE FORAGE ET PERFORATRICE DE ROCHES**
[72] MUUTTONEN, TIMO, FI
[72] SALMINEN, PEKKA, FI
[71] SANDVIK AB, SE
[85] 2002-11-29
[86] 2001-06-18 (PCT/SE2001/001382)
[87] 2002-01-03 (WO2002/001041)
[30] FI (20001522) 2000-06-27

[21] **2,414,095**
[13] A1
[51] **Int.Cl. 7C07D 211/58 7A61K 31/445**
[25] EN
[54] **NOVEL COMPOUNDS**
[54] **NOUVEAUX COMPOSES**
[72] ERIKSSON, TOMAS, SE
[72] MUSSIE, TESFALEDET, SE
[72] KLINGSTEDT, TOMAS, SE
[71] ASTRAZENECA AB, SE
[85] 2002-12-02
[86] 2001-06-14 (PCT/SE2001/001377)
[87] 2001-12-27 (WO2001/098273)
[30] SE (0002331-7) 2000-06-20
[30] SE (0004480-0) 2000-12-05

[21] **2,414,103**
[13] A1
[51] **Int.Cl. 7H04L 12/413 7H04L 12/26 7H04L 12/28**
[25] EN
[54] **SYSTEM, METHOD, AND APPARATUS FOR ACCESS CHANNEL TRAFFIC MANAGEMENT**
[54] **SYSTEME, PROCEDE ET DISPOSITIF POUR LA GESTION DE TRAFIC SUR CANAL D'ACCES**
[72] CASACCIA, LORENZO, IT
[71] QUALCOMM INCORPORATED, US
[85] 2002-12-02
[86] 2001-06-27 (PCT/US2001/020607)
[87] 2002-01-03 (WO2002/001810)
[30] US (09/606,784) 2000-06-28

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[21] **2,414,105**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **MICROARRAY METHOD OF GENOTYPING MULTIPLE SAMPLES AT MULTIPLE LOCI**
[54] **TECHNIQUE DE GENOTYPAGE DE PLUSIEURS ECHANTILLONS SUR PLUSIEURS LOCI UTILISANT DES MICRO-RESEAUX**
[72] SCHENA, MARK A., US
[71] TELECHEM INTERNATIONAL, INC., US
[85] 2003-01-09
[86] 2001-07-03 (PCT/US2001/021163)
[87] 2002-01-17 (WO2002/003849)
[30] US (09/613,006) 2000-07-10

[21] **2,414,107**
[13] A1

[51] **Int.Cl. 7F04D 29/44**
[25] EN
[54] **INTEGRATED DUCT DIFFUSER**
[54] **DIFFUSEUR A BUSE INTEGREE**
[72] BELLEROSE, MICHEL, CA
[72] SASU, IOAN, CA
[72] LEBLANC, ANDRE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[85] 2002-12-02
[86] 2001-06-29 (PCT/CA2001/000962)
[87] 2002-01-24 (WO2002/006676)
[30] US (09/616,998) 2000-07-14

[21] **2,414,110**
[13] A1

[51] **Int.Cl. 7G06F 9/06 7G06F 9/44**
[25] EN
[54] **METHOD FOR DETERMINING SOFTWARE AND PROCESSOR**
[54] **PROCEDE PERMETTANT DE DETERMINER UN LOGICIEL ET UN PROCESSEUR**
[72] NEGORO, FUMIO, JP
[71] THE INSTITUTE OF COMPUTER BASED SOFTWARE METHODOLOGY AND TECHNOLOGY, JP
[71] INFORMATION SYSTEM DEVELOPMENT INSTITUTE, JP
[85] 2002-12-13
[86] 2000-06-20 (PCT/JP2000/004008)
[87] 2000-12-28 (WO2000/079385)
[30] JP (11/174730) 1999-06-21

[21] **2,414,119**
[13] A1

[51] **Int.Cl. 7B62D 35/02**
[25] EN
[54] **RETRACTABLE AIR TURBULENCE DEVICE FOR VEHICLES**
[54] **DISPOSITIF RETRACTABLE DE REGULATION DES TURBULENCES DE L'AIR, DESTINE A DES VEHICULES**
[72] FANNIN, DAWN B., US
[72] HANSEN, ROY W., US
[71] AEROFORCE LLC, US
[71] HANSEN, ROY W., US
[85] 2002-11-27
[86] 2000-05-30 (PCT/US2000/014907)
[87] 2001-12-06 (WO2001/092089)

[21] **2,414,138**
[13] A1

[51] **Int.Cl. 7C22C 38/04 7C21D 8/02 7C22C 38/06**
[25] EN
[54] **HIGHLY STABLE, STEEL AND STEEL STRIPS OR STEEL SHEETS COLD-FORMED, METHOD FOR THE PRODUCTION OF STEEL STRIPS AND USES OF SAID STEEL**
[54] **ACIER ET FEUILLARD OU TOLE D'ACIER A RESISTANCE TRES ELEVEE, POUVANT ETRE FORME A FROID, PROCEDE POUR PRODUIRE UN FEUILLARD D'ACIER ET UTILISATIONS D'UN TEL ACIER**
[72] MENNE, MANFRED, DE
[72] ENGL, BERNHARD, DE
[72] HOFMANN, HARALD, DE
[72] ZIMMERMANN, WERNER, DE
[72] HELLER, THOMAS, DE
[71] THYSSENKRUPP STAHL AG, DE
[85] 2002-12-02
[86] 2002-06-13 (PCT/EP2002/006480)
[87] 2002-12-02 (WO2002/101109)
[30] DE (101 28 544.2) 2001-06-13

[21] **2,414,141**
[13] A1

[51] **Int.Cl. 7B08B 3/02**
[25] EN
[54] **SPRAY CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE PAR PULVERISATION**
[72] BARTSCH, ERIC, US
[72] NA, HENRY CHENG, US
[72] WOOTON, JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2002-11-25
[86] 2000-06-14 (PCT/US2000/016343)
[87] 2001-12-20 (WO2001/096036)

[21] **2,414,145**
[13] A1

[51] **Int.Cl. 7B24B 3/33 7B24B 27/04**
[25] EN
[54] **GRINDING APPARATUS WITH ARTICULATED ARM**
[54] **AMELIORATIONS APPORTEES A UNE MACHINE A MEULER**
[72] SJOLANDER, BJORN, CA
[72] SJOLANDER, ROBERT, CA
[72] SJOLANDER, BO, CA
[71] C.M.E. BLASTING & MINING EQUIPMENT LTD., CA
[85] 2003-01-09
[86] 2001-07-10 (PCT/CA2001/000991)
[87] 2002-01-17 (WO2002/004169)
[30] CA (2,313,685) 2000-07-10
[30] CA (2,342,481) 2001-03-30

[21] **2,414,146**
[13] A1

[51] **Int.Cl. 7C07C 233/78 7A61P 31/00 7A61P 35/00 7C07D 295/04 7A61P 37/04 7A61K 31/166 7A61K 31/167 7A61P 25/18 7A61P 25/24 7A61K 31/495 7A61K 31/5375**
[25] EN
[54] **SUBSTITUTED BENZAMIDES FOR IMMUNE ENHANCEMENT AND FOR THE TREATMENT OF CANCER, INFECTION AND MANIC-DEPRESSIVE ILLNESS**
[54] **BENZAMIDES SUBSTITUES PERMETTANT D'AUGMENTER L'EFFET IMMUNITAIRE ET DE TRAITER LE CANCER, LES INFECTIONS ET LA MALADIE AFFECTIVE BIPOLAIRE**
[72] BJORK, ANDERS, SE
[72] HEDLUND, GUNNAR, SE
[72] LEANDERSON, TOMAS, SE
[71] ACTIVE BIOTECH AB, SE
[85] 2002-12-02
[86] 2001-07-03 (PCT/SE2001/001526)
[87] 2002-01-10 (WO2002/002511)
[30] SE (0002531-2) 2000-07-05

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| <p style="text-align: right;">[21] 2,414,158 [13] A1</p> <p>[51] Int.Cl. 7C11D 3/386 [25] EN [54] DETERGENT COMPOSITIONS COMPRISING A MALTOGENIC ALPHA-AMYLASE ENZYME [54] COMPOSITIONS DETERGENTES RENFERMANT UNE ENZYME ALPHA-AMYLASE MALTOGENE [72] PINTENS, AN, BE [72] SMETS, JOHAN, BE [71] THE PROCTER & GAMBLE COMPANY, US [85] 2002-11-27 [86] 2000-06-30 (PCT/US2000/018120) [87] 2002-01-10 (WO2002/002726)</p> | <p style="text-align: right;">[21] 2,414,182 [13] A1</p> <p>[51] Int.Cl. 7A61F 11/08 [25] EN [54] ARTICULATING EARPLUG [54] BOUCHON D'OREILLE ARTICULE [72] REMER, DEAN M., US [72] MARTINSON, PAUL A., US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2002-11-26 [86] 2000-10-26 (PCT/US2000/029476) [87] 2002-01-10 (WO2002/002040) [30] US (09/608,911) 2000-06-30</p> | <p style="text-align: right;">[21] 2,414,199 [13] A1</p> <p>[51] Int.Cl. 7B29D 11/00 7B29C 33/30 [25] EN [54] APPARATUS FOR AUTOMATED OPHTHALMIC LENS FABRICATION [54] DISPOSITIF DE FABRICATION AUTOMATISEE DE LENTILLES OPHTHALMIQUES [72] MARCEAU, GARY, US [72] VAN DOORN, EDWARD, NL [72] BISHOP, JOSEPH A., US [72] EVERS, MARC, NL [72] HOMPUS, MICHAEL, NL [72] SEKHARIPURAM, VENKAT, US [72] HAMBLIN, STEVEN, US [72] VAN NUNEN, JACK, NL [72] MENEZES, EDGAR V., US [72] KOK, RON, NL [72] GUPTA, AMITAVA, US [72] NUNEZ, IVAN, US [72] DOGAN, ERIC, US [72] FOSTER, CHARLES, US [72] BOULAY, DAN, US [71] JOHNSON & JOHNSON VISION CARE, INC., US [85] 2002-11-25 [86] 2000-12-15 (PCT/US2000/034156) [87] 2001-12-06 (WO2001/091995) [30] US (09/579,354) 2000-05-26</p> |
| <p style="text-align: right;">[21] 2,414,171 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/42 7A61K 31/195 [25] EN [54] PARTIAL AGONISTS AT THE GLYCINE MODULATORY SITE OF THE NMDA RECEPTOR FOR TREATING COGNITIVE DYSFUNCTION [54] AGONISTE PARTIEL SUR LE SITE MODULATEUR DE GLYCINE DU RECEPTEUR MDNA SERVANT A TRAITER LES DYSFONCTIONNEMENTS COGNITIFS [72] SCHNEIDER, JAY S., US [71] THOMAS JEFFERSON UNIVERSITY, US [85] 2002-11-27 [86] 2000-08-16 (PCT/US2000/022438) [87] 2001-02-22 (WO2001/012190) [30] US (60/149,082) 1999-08-16</p> | <p style="text-align: right;">[21] 2,414,185 [13] A1</p> <p>[51] Int.Cl. 7A61K 38/51 7A61P 35/00 7A61P 37/00 7A61K 38/46 [25] EN [54] ATTENUATION OF TUMOR GROWTH, METASTASIS AND ANGIOGENESIS BY USE OF CHONDROITIN SULFATE DEGRADING ENZYMES [54] REDUCTION DE CROISSANCE TUMORALE, DE METASTASES ET D'ANGIOGENESE [72] LIN, YONG-QING, US [72] SILVER, PAUL J., US [72] DENHOLM, ELIZABETH M., CA [71] IBEX TECHNOLOGIES, INC., US [85] 2002-11-27 [86] 2000-11-17 (PCT/US2000/031663) [87] 2001-05-25 (WO2001/035977) [30] US (60/165,957) 1999-11-17</p> | <p style="text-align: right;">[21] 2,414,204 [13] A1</p> <p>[51] Int.Cl. 7A61B 19/00 [25] EN [54] APPARATUS FOR TISSUE EXPANSION USING PULSATILE MOTION [54] APPAREIL D'EXPANSION DES TISSUS PAR UN MOUVEMENT PULSATILE [72] KORMAN, JOSHUA, US [72] KAZAKS, ALEXANDER, US [72] FIELDS, ANTONY J., US [72] GREENBURG, GARY B., US [71] RECONSTRUCTIVE TECHNOLOGIES, INC, US [85] 2002-11-26 [86] 2001-05-23 (PCT/US2001/016834) [87] 2001-12-13 (WO2001/093771) [30] US (09/585,630) 2000-06-02</p> |
| <p style="text-align: right;">[21] 2,414,175 [13] A1</p> <p>[51] Int.Cl. 7A21B 7/00 [25] EN [54] BAKING RACK ASSEMBLY AND METHOD FOR AUTOMATIC BREAD MAKING MACHINE [54] ENSEMBLE DE PLAQUES DE CUISSON ET PROCEDE POUR MACHINE AUTOMATIQUE A FABRIQUER LE PAIN [72] WESTFIELD, BARBARA, US [71] SALTON, INC, US [85] 2002-11-27 [86] 2000-10-02 (PCT/US2000/027185) [87] 2001-10-25 (WO2001/078513) [30] US (09/551,973) 2000-04-14</p> | <p style="text-align: right;">[21] 2,414,189 [13] A1</p> <p>[51] Int.Cl. 7H04H 1/00 [25] EN [54] METHOD AND APPARATUS FOR REDUCTION OF INTERFERENCE IN FM IN-BAND ON-CHANNEL DIGITAL AUDIO BROADCASTING RECEIVERS [54] PROCEDE ET APPAREIL DE REDUCTION DES INTERFERENCES DANS DES RECEPTEURS DE DIFFUSION FM AUDIO NUMERIQUES, INTRABANDE, SUR LE CANAL DE RECEPTION [72] KROEGER, BRIAN WILLIAM, US [72] BAIRD, JEFFREY S., US [71] IBIQUNITY DIGITAL CORPORATION, US [85] 2002-12-02 [86] 2001-05-31 (PCT/US2001/017565) [87] 2001-12-20 (WO2001/097416) [30] US (09/595,369) 2000-06-15</p> | |

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[21] **2,414,207**
[13] A1

[51] **Int.Cl. 7C12N 5/10 7A61K 39/00 7A61K 48/00 7A61P 35/00 7A61K 39/39**
[25] EN
[54] **ADJUVANT PREPARATION FOR THE INDUCTION OF SPECIFIC IMMUNITY**
[54] **PREPARATION D'ADJUVANT POUR L'INDUCTION D'UNE IMMUNITE SPECIFIQUE**
[72] LU, WEIXIN, US
[72] DONG, ZHONGYUN, US
[72] FIDLER, ISAIAH J., US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2002-11-26
[86] 2001-05-31 (PCT/US2001/017948)
[87] 2001-12-06 (WO2001/092484)
[30] US (60/208,436) 2000-05-31

[21] **2,414,257**
[13] A1

[51] **Int.Cl. 7H04L 27/00 7G01B 9/02 7H04L 27/26**
[25] EN
[54] **MULTICHANNEL INTERFEROMETER WITH PHASE GENERATED CARRIER DEMODULATION AND QUADRATURE ERROR CORRECTION**
[54] **INTERFEROMETRE MULTIVOIE A DEMODULATION DE PORTEUSE GENEREE PAR PHASE ET A CORRECTION D'ERREUR DE QUADRATURE**
[72] GREENE, PAUL LOUIS, US
[72] KNAACK, WILLIAM CHRISTOPHER, US
[72] GIBBONS, GREGORY ALAN, US
[71] LITTON SYSTEMS INC., US
[85] 2003-01-10
[86] 2001-07-24 (PCT/US2001/023360)
[87] 2002-06-13 (WO2002/047343)
[30] US (60/220,266) 2000-07-24

[21] **2,414,493**
[13] A1

[51] **Int.Cl. 7C08K 9/04 7B29C 47/00 7B65D 41/00**
[25] EN
[54] **STIFF AND IMPACT RESISTANT COMPOSITIONS CONTAINING POLYPROPYLENE OR POLY ETHYLENE-PROPYLENE COPOLYMER AND CALCIUM CARBONATE FOR CLOSURES**
[54] **COMPOSITIONS STABLES ET RESISTANTES AUX CHOCS CONTENANT DU POLY(PROPYLENE) OU DU POLY(ETHYLENE/ PROPYLENE) ET DU CARBONATE DE CALCIUM, DESTINEES A DES FERMETURES**
[72] GOLDMAN, ANATOLIY, US
[71] ALCOA CLOSURE SYSTEMS INTERNATIONAL, INC., US
[85] 2002-12-03
[86] 2001-07-11 (PCT/US2001/021752)
[87] 2002-01-17 (WO2002/004557)
[30] US (09/614,618) 2000-07-12

[21] **2,414,788**
[13] A1

[51] **Int.Cl. 7C12P 19/34**
[25] EN
[54] **ACETATE-FREE PURIFICATION OF PLASMID DNA ON HYDROXYAPATITE**
[54] **PURIFICATION SANS ACETATE D'ADN PLASMIDIQUE SUR HYDROXYAPATITE**
[72] ABERIN, CHERYL S., US
[72] FRANKLIN, SAMUEL G., US
[71] BIO-RAD LABORATORIES, INC., US
[85] 2003-01-13
[86] 2002-05-15 (PCT/US2002/015705)
[87] 2002-11-28 (WO2002/095047)
[30] US (09/866,093) 2001-05-23

[21] **2,414,897**
[13] A1

[51] **Int.Cl. 7G01N 33/88**
[25] EN
[54] **A RAPID NON-INVASIVE METHOD FOR THE DIAGNOSIS OF A CARDIOVASCULAR DISEASE**
[54] **PROCEDE NON VULNERANT ET RAPIDE DE DIAGNOSTIC DIFFERENTIEL D'AFFECTION CARDIAQUE AIGUE**
[72] RUBIN, YORAM, IL
[72] NIMRI, SHAI, IL
[72] BEN-TZVI TZCHORI, INBAL, IL
[72] ALON, SARI (NEE BEN-YAAKOV), IL
[72] GALILI-NACHSHON, NITSA, IL
[71] BIOPREVENTIVE LTD., IL
[85] 2003-01-13
[86] 2001-07-12 (PCT/IL2001/000640)
[87] 2002-01-24 (WO2002/006840)
[30] IL (137307) 2000-07-13

[21] **2,415,204**
[13] A1

[51] **Int.Cl. 7C10B 27/06**
[25] EN
[54] **METHOD FOR OPERATING A COKE-OVEN BATTERY**
[54] **PROCEDE DE FONCTIONNEMENT D'UNE BATTERIE DE FOURS A COKE**
[72] STIER, MANFRED, DE
[72] DOBERT, HELMUT, DE
[72] SCHUMACHER, RALF, DE
[72] KOCHANSKI, ULRICH, DE
[72] KREBBER, FRANK, DE
[71] THYSSEN KRUPP ENCOKE GMBH, DE
[85] 2003-01-20
[86] 2002-03-23 (PCT/EP2002/003285)
[87] 2002-11-28 (WO2002/094966)
[30] DE (101 24 700.1) 2001-05-18
[30] DE (101 28 992.8) 2001-06-15

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[21] **2,415,205**
[13] A1

[51] **Int.Cl. 7F21S 8/02 7F21V 21/04**
[25] EN
[54] **ASSEMBLY FOR MOUNTING A SELF-SUPPORTING SPOTLIGHT ON A STRETCHED CEILING**
[54] **ENSEMBLE DE MONTAGE D'UN SPOT AUTO-PORTANT SUR UN PLAFOND TENDU**
[72] COUSIN, ETIENNE, FR
[71] NEWMAT, S.A., FR
[85] 2003-01-21
[86] 2002-05-21 (PCT/FR2002/001709)
[87] 2002-11-28 (WO2002/095286)
[30] FR (01/06744) 2001-05-22

[21] **2,415,214**
[13] A1

[51] **Int.Cl. 7C07H 11/04 7A61P 29/00 7A61P 19/02 7A61P 17/06 7A61P 37/06 7A61P 37/08 7A61K 31/665**
[25] EN
[54] **NOVEL COMPOUNDS AND METHODS**
[54] **ESTERS PHOSPHORES DE MANNOSE**
[72] COWDEN, WILLIAM BUTLER, AU
[72] MARCH, DARREN RAY, AU
[72] ESCHLER, BART MICHAEL, AU
[72] CHARLTON, BRETT, AU
[72] BARTELL, GAVIN JAMES, AU
[72] GERBA, SENDABA, AU
[72] FRANCIS, DOUGLAS JOHN, AU
[71] PHARMAXIS PTY LTD, AU
[85] 2003-01-07
[86] 2001-07-11 (PCT/AU2001/000831)
[87] 2002-01-17 (WO2002/004472)
[30] AU (PQ 8723) 2000-07-11

[21] **2,415,224**
[13] A1

[51] **Int.Cl. 7G01N 33/00**
[25] EN
[54] **METHODS FOR USING MASS SPECTROMETRY TO IDENTIFY AND CLASSIFY FILAMENTOUS FUNGI, YEASTS, MOLDS AND POLLEN**
[54] **PROCEDES D'UTILISATION DE LA SPECTROMETRIE DE MASSE DANS L'IDENTIFICATION ET LA CLASSIFICATION DE CHAMPIGNONS FILAMENTEUX, DE LEVURES, DE MOISSISURE ET DE POLLEN**
[72] BRYDEN, WAYNE A., US
[72] MORGAN, JOHN S., US
[72] LALEKOS, MARISA A., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2003-01-13
[86] 2001-05-23 (PCT/US2001/016696)
[87] 2001-12-06 (WO2001/092872)
[30] US (60/207,964) 2000-05-31

[21] **2,415,425**
[13] A1

[51] **Int.Cl. 7C07K 14/62 7A61P 3/10 7A61K 38/28**
[25] EN
[54] **INSULIN DERIVATIVES AND SYNTHESIS THEREOF**
[54] **DERIVES D'INSULINE ET SYNTHESE DESDITS DERIVES**
[72] JONES, RICHARD HENRY, GB
[72] SHOJAEI-MORADI, FARIBA, GB
[72] SUNDERMANN, ERIK, DE
[72] BRANDENBURG, DIETRICH, DE
[71] BTG INTERNATIONAL LIMITED, GB
[85] 2003-01-08
[86] 2001-07-10 (PCT/GB2001/003071)
[87] 2002-01-17 (WO2002/004515)
[30] EP (00305809.6) 2000-07-10

[21] **2,415,434**
[13] A1

[51] **Int.Cl. 7A61K 38/17 7A61K 39/00 7A61P 35/00 7C12N 5/08**
[25] EN
[54] **USE OF THE HEAT SHOCK PROTEIN GP96**
[54] **UTILISATIONS DE LA PROTEINE DE CHOC THERMIQUE GP96**
[72] SINGH-JASUJA, HARPREET, DE
[72] SCHILD, HANSJORG, DE
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
[85] 2003-01-08
[86] 2001-07-09 (PCT/EP2001/007864)
[87] 2002-01-17 (WO2002/004516)
[30] DE (100 33 245.5) 2000-07-10

[21] **2,415,445**
[13] A1

[51] **Int.Cl. 7G01P 15/08 7G01H 9/00 7G01V 1/18**
[25] EN
[54] **DYNAMICALLY ENHANCED FIBER OPTIC ACCELEROMETER**
[54] **ACCELEROMETRE A MOUVEMENT PARTICULAIRE DYNAMIQUEMENT AMELIORE PAR FIBRE OPTIQUE**
[72] FERSHT, SAMUEL N., US
[71] LITTON SYSTEMS INC., US
[85] 2003-01-08
[86] 2001-07-25 (PCT/US2001/023436)
[87] 2002-02-07 (WO2002/010774)
[30] US (09/627,688) 2000-07-28

[21] **2,415,481**
[13] A1

[51] **Int.Cl. 7C07K 14/435 7A61P 31/00 7C12N 15/12 7A61K 38/17 7C12N 15/82**
[25] FR
[54] **PEPTIDES ANTIFONGIQUES ET/OU ANTIBACTERIENS, LEURS PREPARATIONS ET LES COMPOSITIONS LES CONTENANT**
[54] **ANTIFUNGAL AND/OR ANTIBACTERIAL PEPTIDES, PREPARATION METHODS AND COMPOSITION CONTAINING SAME**
[72] MENIN, LAURE, CH
[72] LEGRAIN, MICHELE, FR
[72] DIMARCQ, JEAN-LUC, FR
[71] ENTOMED (S.A.), FR
[85] 2003-01-09
[86] 2001-07-05 (PCT/FR2001/002164)
[87] 2002-01-24 (WO2002/006324)
[30] FR (00/09248) 2000-07-13
[30] FR (00/11949) 2000-09-19

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[21] **2,415,484**
[13] A1
[51] **Int.Cl. 7C12N 5/08 7C07K 16/00**
7A61P 35/00 7C12N 15/07 7C12N 5/24
7A61K 39/395 7G01N 33/53 7G01N 33/577
[25] EN
[54] **HUMAN MYELOMA CELL LINE**
[54] **LIGNEE CELLULAIRE DE**
MYELOME HUMAIN
[72] KARPAS, ABRAHAM, GB
[71] CAMBRIDGE UNIVERSITY
TECHNICAL SERVICES LIMITED, GB
[85] 2003-01-07
[86] 2001-07-09 (PCT/GB2001/003059)
[87] 2002-01-17 (WO2002/004607)
[30] GB (0016824.5) 2000-07-07
[30] GB (0017139.7) 2000-07-12
[30] US (60/270,588) 2001-02-23

[21] **2,415,639**
[13] A1
[51] **Int.Cl. 7G01N 33/53**
[25] EN
[54] **DISTINGUISHING MOLECULAR**
FORMS
[54] **DISTINGUER DES FORMES**
MOLECULAIRES
[72] WILSON, STUART MARK, GB
[72] STANLEY, CHRISTOPHER, GB
[71] MICROSSENS BIOPHAGE LIMITED,
GB
[85] 2003-01-10
[86] 2001-07-11 (PCT/GB2001/003074)
[87] 2002-01-17 (WO2002/004948)
[30] GB (0016953.2) 2000-07-11

[21] **2,415,658**
[13] A1
[51] **Int.Cl. 7A61K 9/70 7A61K 47/02**
[25] EN
[54] **TRANSDERMAL THERAPEUTIC**
SYSTEM FOR HIGHLY DISPERSED
SILICON DIOXIDE
[54] **SYSTEME THERAPEUTIQUE**
TRANSDERMIQUE CONTENANT DU
DIOXYDE DE SILICIUM FORTEMENT
DISPERSE
[72] WILHELM, MARTINA, DE
[72] KRAMER, KAI-THOMAS, DE
[72] KLOKKERS, KARIN, DE
[71] HEXAL AGE, DE
[85] 2003-01-10
[86] 2001-07-12 (PCT/EP2001/008070)
[87] 2002-01-17 (WO2002/003969)
[30] DE (100 33 853.4) 2000-07-12

[21] **2,415,680**
[13] A1
[51] **Int.Cl. 7B32B 5/00 7B32B 33/00**
7B32B 3/02 7B32B 15/04 7B05D 5/10
7B32B 7/12 7B41M 3/12 7B05D 1/14
7B05D 1/16
[25] EN
[54] **FLOCKED TRANSFER AND**
ARTICLE OF MANUFACTURE
INCLUDING THE FLOCKED
TRANSFER
[54] **TRANSFERT FLOQUE ET**
ARTICLE FABRIQUE CONTENANT
LEDIT TRANSFERT
[72] ABRAMS, LOUIS B., US
[71] HIGH VOLTAGE GRAPHICS, INC.,
US
[85] 2003-01-24
[86] 2001-07-23 (PCT/US2001/023195)
[87] 2002-01-31 (WO2002/007959)
[30] US (09/621,830) 2000-07-24

[21] **2,415,688**
[13] A1
[51] **Int.Cl. 7C12Q 1/34 7C12Q 1/37**
[25] EN
[54] **ENZYMATIC TREATMENT OF**
WHEY PROTEINS FOR THE
PRODUCTION OF
ANTIHYPERTENSIVE PEPTIDES, THE
RESULTING PRODUCTS AND
TREATMENT OF HYPERTENSION IN
MAMMALS
[54] **TRAITEMENT ENZYMATIQUE**
DES PROTEINES DE LACTOSERUM
PERMETTANT D'OBTENIR DES
PEPTIDES ANTI-HYPERTENSION,
PRODUITS OBTENUS ET
TRAITEMENT DE L'HYPERTENSION
CHEZ LES MAMMIFERES
[72] RAO, ANAND, US
[72] DAVIS, MARTIN E., US
[72] GOURLEY, LINE, CA
[72] POULIOT, YVES, CA
[72] GAUTHIER, SYLVIE, CA
[72] ALLAIN, ANN FRANCOISE, CA
[71] DAVISCO FOODS INTERNATIONAL
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[85] 2003-01-06
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[72] MAEDA, NORIHIKO, JP
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[72] RAMSDEN, JAMES ANDREW, GB
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[71] CHIROTECH TECHNOLOGY LIMITED, GB
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[72] JONES, ANTHONY BRIAN, US
[72] BLACK, REGINA MARIE, US
[72] WOOD, HAROLD BLAIR, US
[71] MERCK & CO., INC., US
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[54] **NOUVEAUX DISACCHARIDES A ACTION ANTI-ARTHROSIQUE**
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[72] FLORES SALGADO, FRANCESC, ES
[72] RUHI ROURA, RAMON, ES
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[54] **SPECIMEN PLATE LID AND METHOD OF USING**
[54] **COUVERCLE POUR PLAQUES D'ECHANTILLONS ET PROCEDE D'UTILISATION CORRESPONDANT**
[72] SIPES, DANIEL G., US
[72] MAINQUIST, JAMES K., US
[72] CALDWELL, JEREMY S., US
[72] DOWNS, ROBERT C., US
[72] MEYER, ANDREW J., US
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[72] ASTON, ROGER, GB
[71] PSIMEDICA LIMITED, GB
[71] ASTON, ROGER, GB
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[54] **SYSTEMES D'APPORT DE MEDICAMENT A DES HEPATOCYTES ET TRAITEMENT D'INFECTIONS A FLAVIVIRIDAE**
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[72] LAU, JOHNSON, US
[71] RIBAPHARM INC., US
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[72] BRODY, JOHN FRANCIS, US
[72] BAI, CHUANSHENG, US
[72] DERITES, BRUCE ANTHONY, US
[72] BERLOWITZ, PAUL JOSEPH, US
[72] REYES, SEBASTIAN CARMEN, US
[72] LAI, WENYIH FRANK, US
[72] TILLER, MARK LELAND, US
[72] WOO, HYUNG SUK, US
[72] DUNSMUIR, JOHN HENRY, US
[72] FEELEY, JENNIFER S., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **DERIVES D'ACIDES AMINES AZA (INHIBITEURS 15 DU FACTEUR XA)**

[72] BARNES, CHRISTOPHER, DE

[72] GLEITZ, JOHANNES, DE

[72] JURASZYK, HORST, DE

[72] DORSCH, DIETER, DE

[72] TSAKLAKIDIS, CHRISTOS, DE

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[71] **BSN MEDICAL, INC., US**

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[54] **AMINOALKOXYBENZOYL-BENZOFURANES OU**

BENZOTHIOPHENES, LEUR PROCEDE DE PREPARATION ET LES

COMPOSITIONS LES CONTENANT

[54] **AMINOALKOXYBENZOYL-**

BENZOFURAN OR

BENZOTHIOPHENE DERIVATIVES, METHOD FOR PREPARING SAME AND

COMPOSITIONS CONTAINING SAME

[72] NISATO, DINO, FR

[72] CABANEL-HAUDRICOURT,

FREDERIQUE, FR

[72] BERNHART, CLAUDE, FR

[72] ASSENS, JEAN-LOUIS, FR

[71] **SANOFI-SYNTHELABO, FR**

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[54] **A MAGNETOMECHANICAL**

ELECTRONIC ARTICLE

SURVEILLANCE SYSTEM AND

METHOD USING SIDEBAND

DETECTION

[54] **SYSTEME ET PROCEDE**

ELECTRONIQUE

MAGNETOMECHANIQUE DE

SURVEILLANCE D'ARTICLES

UTILISANT LA DETECTION DE

BANDE LATERALE

[72] PATTERSON, HUBERT A., US

[72] LIAN, MING-REN, US

[71] **SENSORMATIC ELECTRONICS**

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BIOLOGICAL SAMPLES

[54] **SPECTROMETRIE DE MASSE PAR**

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D'ECHANTILLONS BIOLOGIQUES

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[72] REA, THOMAS J., US

[72] DASSEUX, JEAN-LOUIS H., US

[72] PAPE, MICAEL E., US

[72] BISGAIER, CHARLES L., US

[71] **ESPERION THERAPEUTICS INC., US**

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DISPLAYING TARGET ICONS

CORRELATED TO TARGET DATA

INTEGRITY

[54] **PROCEDE ET SYSTEME**

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[54] **PANEL DISPLAY SYSTEM**
[54] **SYSTEME DE PANNEAU**
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[72] FUNK, WILLIAM, US
[72] COTA, TIMOTHY, US
[72] SPERL, PAUL N., US
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[54] **SYSTEME DE PRESENTOIR A**
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[72] SPERL, PAUL N., US
[71] SKYLINE DISPLAYS, INC., US
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[54] **METHOD AND MATERIALS FOR**
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GASES, AND NON-REACTIVE GASES
[54] **PROCEDE ET MATERIAUX DE**
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[72] WATANABE, TADAHARU, US
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[25] EN
[54] **METHODS AND SYSTEMS FOR**
SENDING SIDE-CHANNEL DATA
DURING DATA INACTIVE PERIOD
[54] **PROCEDES ET SYSTEMES**
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[72] KIM, GYUDONG, US
[71] SILICON IMAGE, INC., US
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[25] EN
[54] **MEDIA CONVERTER FOR DATA**
COMMUNICATION ON AN EXTENDED
TWISTED-PAIR NETWORK
[54] **CONVERTISSEUR DE SUPPORT**
PERMETTANT DE COMMUNIQUER
DES DONNEES SUR UN RESEAU
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[72] GOODMAN, DAVID D., US
[71] CAIS, INC., US
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[25] EN
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[54] **DISPOSITIF ANTIVOL POUR**
APPAREILS
[72] STEPHEN-DALY, PAUL, AU
[72] MAYER, PETER JOSEPH, AU
[72] WAMBIER, MAREK ROBERT, AU
[72] VAN DONGEN, CHARLES
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BLEND
[54] **MELANGE DE CARBURANT**
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[72] LAUGHLIN, JAMES DREW, US
[72] SCHOPPE, ROBERT A., US
[71] TEXAS PETROCHEMICALS LP, US
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[54] **DEVICE FOR ALIGNING A GUIDE**
TEMPLATE
[54] **DISPOSITIF POUR ALIGNER UN**
GABARIT DE GUIDAGE
[72] BAUER, PETER, CH
[72] HERZOG, ROLAND, CH
[72] ZIRNGIBL, NICOLAS, CH
[71] BIOMET MERCK GMBH, CH
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[54] **ADMINISTRATION DE DIPHOSPHONATES PAR VOIE VAGINALE**
[72] HARRISON, DONALD C., US
[72] LIU, JAMES H., US
[71] UMD, INC., US
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[71] HILL-ROM SERVICES, INC., US
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[54] **COMPOSITION ADHESIVE A BASE ACRYLIQUE**
[72] MAHIQUES BUJANDA, MARIA DEL MAR, ES
[72] MULLET HOMS, MARIA EMILIA, ES
[72] ALIO Y SANZ, JORGE LUCIANO, ES
[72] MARTIN MARTINEZ, JOSE MIGUEL, ES
[71] UNIVERSIDAD DE ALICANTE, ES
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[25] EN
[54] **BIOABSORBABLE COMPOSITES OF DERIVATIZED HYALURONIC ACID**
[54] **COMPOSITES BIOABSORBABLES D'ACIDE HYALURONIQUE DERIVE**
[72] SHERWOOD, CHARLES H., US
[72] SADOZAI, KHALID K., US
[72] KUO, JING-WEN, US
[71] ANIKA THERAPEUTICS, INC., US
[85] 2003-01-21
[86] 2001-05-22 (PCT/US2001/040794)
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[25] EN
[54] **BRANCHED CHAIN AMINO ACID-DEPENDENT AMINOTRANSFERASE INHIBITORS AND THEIR USE IN THE TREATMENT OF NEURODEGENERATIVE DISEASES**
[54] **INHIBITEURS D'AMINOTRANSFERASE DEPENDANT D'AMINOACIDES A CHAINE RAMIFIEE, ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES NEURODEGENERATIVES**
[72] WUSTROW, DAVID JUERGEN, US
[72] SCHOLTEN, JEFFREY DAVID, US
[72] HU, LAIN-YEN, US
[72] RYDER, TODD ROBERT, US
[72] LEI, HUANYSHU, US
[72] KESTEN, SUZANNE ROSS, US
[72] BORA, KEENAN MARTIN, US
[72] RAFFERTY, MICHAEL FRANCIS, US
[72] MORELAND, DAVID WINSLOW, US
[71] WARNER-LAMBERT COMPANY, US
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[13] A1

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[25] EN
[54] **ELECTRODE ARRAY AND SENSOR ATTACHMENT SYSTEM FOR NONINVASIVE NERVE LOCATION AND IMAGING DEVICE**
[54] **MOSAIQUE D'ELECTRODES ET SYSTEME DE FIXATION DE CAPTEURS POUVANT LOCALISER UN NERF DE MANIERE NON INVASIVE, ET DISPOSITIF DE FORMATION D'IMAGES**
[72] CORY, PHILIP C., US
[72] CORY, JOAN M., US
[71] CKM DIAGNOSTICS INC., US
[85] 2003-01-23
[86] 2001-07-26 (PCT/US2001/023417)
[87] 2002-02-07 (WO2002/009584)
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[13] A1

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[25] EN
[54] **ALDOSTERONE BLOCKER THERAPY TO PREVENT OR TREAT INFLAMMATION-RELATED DISORDERS**
[54] **THERAPIE ANTI-ALDOSTERONES DESTINEE A PREVENIR OU TRAITER LES TROUBLES LIES A UNE INFLAMMATION**
[72] BLASI, EILEEN R., US
[72] MCMAHON, ELLEN G., US
[72] ROCHA, RICHARDO, US
[72] ZACK, MARC D., US
[71] PHARMACIA CORPORATION, US
[85] 2003-01-21
[86] 2001-07-26 (PCT/US2001/023520)
[87] 2002-02-07 (WO2002/009683)
[30] US (60/221,358) 2000-07-27
[30] US (60/261,352) 2001-01-12

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[21] **2,416,164**
[13] A1

[51] **Int.Cl. 7A61M 5/00**
[25] EN
[54] **RETRACTABLE NEEDLE
MEDICAL DEVICE FOR INJECTING
FLUID FROM A PRE-FILLED
CARTRIDGE**
[54] **DISPOSITIF MEDICAL A
AIGUILLE RETRACTABLE POUR
L'INJECTION DE FLUIDES A PARTIR
D'UNE CARTOUCHE
PREALABLEMENT REMPLIE**
[72] HALSETH, THOR, US
[72] BARKER, JOHN, US
[72] BOTICH, MICHAEL J., US
[72] MCWETHY, ROBERT, US
[71] MDC INVESTMENT HOLDINGS,
INC., US
[85] 2003-01-24
[86] 2001-07-26 (PCT/US2001/023555)
[87] 2002-02-07 (WO2002/009794)
[30] US (60/221,305) 2000-07-28
[30] US (60/276,407) 2001-03-15

[21] **2,416,199**
[13] A1

[51] **Int.Cl. 7C07H 19/16 7A61P 3/06
7A61P 3/10 7A61K 31/70**
[25] EN
[54] **ADENOSINE COMPOUND AND
PHARMACEUTICAL COMPOSITION
CONTAINING THE SAME**
[54] **COMPOSE D'ADENOSINE ET
COMPOSITIONS
PHARMACEUTIQUES CONTENANT
CE COMPOSE**
[72] WERMUTH, CAMILLE-GEORGES,
FR
[72] KANAYA, SUSUMU, JP
[72] SCHOENFELDER, ANGELE, FR
[72] MANN, ANDRE, FR
[71] NIKKEN CHEMICALS CO., LTD., JP
[85] 2003-01-13
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[87] 2002-01-17 (WO2002/004474)

[21] **2,416,222**
[13] A1

[51] **Int.Cl. 7C12M 1/42 7C12N 15/02**
[25] EN
[54] **ELECTROFUSION CHAMBER**
[54] **CHAMBRE D'ELECTROFUSION**
[72] HELLER, RICHARD, US
[72] GILBERT, RICHARD A., US
[72] JAROSZESKI, MARK J., US
[71] UNIVERSITY OF SOUTH FLORIDA,
US
[85] 2003-01-13
[86] 2001-02-16 (PCT/US2001/005152)
[87] 2002-01-24 (WO2002/006440)
[30] US (09/616,084) 2000-07-14

[21] **2,416,247**
[13] A1

[51] **Int.Cl. 7C12N 15/82**
[25] EN
[54] **ACYL COENZYME A
THIOESTERASES**
[54] **THIOESTERASES D'ACYL-
COENZYME A**
[72] TILTON, GREGORY B., US
[72] SHOCKEY, JAY M., US
[72] BROWSE, JOHN A., US
[71] WASHINGTON STATE UNIVERSITY
RESEARCH FOUNDATION, US
[85] 2003-01-15
[86] 2001-07-19 (PCT/US2001/022907)
[87] 2002-01-31 (WO2002/008433)
[30] US (60/220,028) 2000-07-21
[30] US (09/906,408) 2001-07-16

[21] **2,416,250**
[13] A1

[51] **Int.Cl. 7A61K 38/17 7A61P 11/00
7A61P 17/00 7A61P 25/00 7A61P 37/00
7A61K 39/395**
[25] EN
[54] **SOLUBLE TUMOR NECROSIS
FACTOR RECEPTOR AND IL-4
INHIBITOR FOR THE TREATMENT OF
MEDICAL DISORDERS**
[54] **RECEPTEUR SOLUBLE DU
FACTEUR DE NECROSE TUMORALE
UTILISE DANS LE TRAITEMENT DE
CERTAINES AFFECTIONS
MEDICALES**
[72] CONNOR, TIMOTHY, US
[72] PLUENNEKE, JOHN D., US
[71] IMMUNEX CORPORATION, US
[85] 2003-01-15
[86] 2001-02-22 (PCT/US2001/006037)
[87] 2001-08-30 (WO2001/062272)
[30] US (60/184,864) 2000-02-25
[30] US (PCT/US00/10565) 2000-04-19
[30] US (09/602,351) 2000-06-23
[30] US (09/726,781) 2000-11-29
[30] US (09/778,403) 2001-02-07

[21] **2,416,269**
[13] A1

[51] **Int.Cl. 7A61F 13/475**
[25] EN
[54] **LIGHT INCONTINENT PRODUCT**
[54] **PRODUIT LEGER CONTRE
L'INCONTINENCE**
[72] LEVY, RUTH, US
[71] TYCO HEALTHCARE RETAIL
SERVICES AG, CH
[85] 2003-01-22
[86] 2001-07-19 (PCT/US2001/022792)
[87] 2002-01-31 (WO2002/007663)
[30] US (09/624,088) 2000-07-24

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[13] A1
[51] **Int.Cl. 7A01H 1/00 7A01H 3/00**
7A01H 1/02 7A01H 1/04
[25] EN
[54] **POLLEN POLYMIX PLANT**
BREEDING METHOD UTILIZING
MOLECULAR PEDIGREE ANALYSIS
[54] **PROCEDE DE REPRODUCTION**
DE PLANTES AU MOYEN DE
PLUSIEURS MELANGES DE POLLEN
METTANT EN OEUVRE UNE ANALYSE
MOLECUAIRE DU PEDIGREE
[72] LAMBETH, CLEMENTS C., US
[72] WHEELER, NICHOLAS C., US
[71] WEYERHAEUSER COMPANY, US
[85] 2003-01-16
[86] 2001-07-12 (PCT/US2001/021957)
[87] 2002-01-24 (WO2002/005628)
[30] US (09/618,307) 2000-07-18

[21] **2,416,285**
[13] A1
[51] **Int.Cl. 7G01N 33/574 7C07K 16/18**
7C07K 16/30
[25] EN
[54] **METHOD OF DIAGNOSING,**
MONITORING, STAGING, IMAGING
AND TREATING COLON CANCER
[54] **PROCEDE DE DIAGNOSTIC, DE**
CONTROLE, DE DETERMINATION DU
STADE, D'IMAGERIE, ET DE
TRAITEMENT DU CANCER DU COLON
[72] SUN, YONGMING, US
[72] MACINA, ROBERTO A., US
[71] DIADEXUS, INC., US
[85] 2003-01-15
[86] 2001-07-17 (PCT/US2001/022454)
[87] 2002-01-24 (WO2002/006515)
[30] US (09/618,596) 2000-07-17

[21] **2,416,289**
[13] A1
[51] **Int.Cl. 7A61K 47/48 7A61K 49/14**
[25] EN
[54] **MULTI-COMPONENT**
BIOLOGICAL TRANSPORT SYSTEMS
[54] **SYSTEME DE TRANSPORT**
D'AGENTS BIOLOGIQUES A
PLUSIEURS COMPOSANTS
[72] DAKE, MICHAEL, US
[72] WAUGH, JACOB, US
[71] ESSENTIA BIOSYSTEMS, INC., US
[85] 2003-01-15
[86] 2001-07-20 (PCT/US2001/023072)
[87] 2002-01-31 (WO2002/007773)
[30] US (60/220,244) 2000-07-21

[21] **2,416,293**
[13] A1
[51] **Int.Cl. 7C07K 14/655 7A61K 51/08**
7G01N 33/74
[25] EN
[54] **SOMATOSTATIN ANALOGUES**
[54] ANALOGUES DE
SOMATOSTATINE
[72] WECKBECKER, GISBERT, CH
[72] WIETFELD, BERNHARD, DE
[72] MEISENBACH, MARK, DE
[72] ALBERT, RAINER, CH
[72] FELNER, IVO, CH
[72] BRUNS, CHRISTIAN, DE
[72] BODMER, DAVID, CH
[72] BAUER, WILFRIED, CH
[72] LEWIS, IAN, CH
[72] HELLSTERN, HERIBERT, DE
[71] NOVARTIS AG, CH
[85] 2003-01-14
[86] 2001-07-30 (PCT/EP2001/008824)
[87] 2002-02-07 (WO2002/010192)
[30] GB (0018891.2) 2000-08-01

[21] **2,416,294**
[13] A1
[51] **Int.Cl. 7B65C 7/00**
[25] EN
[54] **PLASTIC FASTENERS, NEEDLES**
FOR DISPENSING AND METHOD OF
MANUFACTURE
[54] **AGENTS DE FIXATION**
PLASTIQUES, AIGUILLES
D'APPLICATION ET PROCEDE DE
REALISATION
[72] RAYMOND, JEFFREY A., US
[72] DESCHENES, CHARLES L., US
[72] GILBERTSON, DANIEL, US
[72] COOPER, WILLIAM J., US
[71] AVERY DENNISON CORPORATION,
US
[85] 2003-01-27
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[87] 2002-01-31 (WO2002/008064)
[30] US (09/625,334) 2000-07-25
[30] US (09/740,700) 2000-12-19

[21] **2,416,296**
[13] A1
[51] **Int.Cl. 7C08K 5/00**
[25] FR
[54] **COMPOSITION STABILISANTE**
POUR POLYMERES HALOGENES
COMPRENANT UN COMPOSE
INSATURE HETEROCYCLIQUE
[54] **STABILISING COMPOSITION FOR**
HALOGENATED POLYMERS
COMPRISING A UNSATURATED
HETEROCYCLIC COMPOUND
[72] HEBRAULT, DOMINIQUE, FR
[71] RHODIA CHIMIE, FR
[85] 2003-01-15
[86] 2001-07-11 (PCT/FR2001/002242)
[87] 2002-01-24 (WO2002/006387)
[30] FR (00/09311) 2000-07-17

[21] **2,416,301**
[13] A1
[51] **Int.Cl. 7C12M 3/06**
[25] FR
[54] **CHAMBRE DE CULTURE**
CELLULAIRE ET BIOREACTEUR
POUR LA CULTURE
EXTRACORPORELLE DE CELLULES
ANIMALES
[54] **CELL CULTURE CHAMBER AND**
BIOREACTOR FOR
EXTRACORPOREAL CULTURE OF
ANIMAL CELLS
[72] VETILLARD, JEROME, FR
[72] HERODIN, FRANCIS, FR
[72] CATERINI, RICHARD, FR
[71] GEMCELL LTD (SOCIETE DE DROIT
IRLANDAIS), IE
[85] 2003-01-15
[86] 2001-07-19 (PCT/FR2001/002358)
[87] 2002-01-24 (WO2002/006441)
[30] EP (00115568.8) 2000-07-19

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[21] **2,416,313**
[13] A1
[51] **Int.Cl. 7G06F 9/54 7G06F 9/44**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATIC INFORMATION EXCHANGE**
[54] **PROCEDE ET SYSTEME D'ECHANGE D'INFORMATIONS AUTOMATIQUE**
[72] YOKELL, MICHAEL R., US
[72] PFEIFFER, WILLIAM P., US
[72] SCHUESSLER, RANDALL M., US
[71] LOCKHEED MARTIN CORPORATION, US
[85] 2003-01-28
[86] 2001-09-17 (PCT/US2001/028888)
[87] 2002-03-28 (WO2002/025429)
[30] US (09/666,029) 2000-09-20

[21] **2,416,315**
[13] A1
[51] **Int.Cl. 7A47B 23/04**
[25] EN
[54] **IMPROVED SUPPORT BRACKET FOR VENTILATED SHELVING**
[54] **BARRETTE SUPPORT AMELIOREE DESTINEE A UN RAYONNAGE VENTILE**
[72] REMMERS, LEE, US
[71] EMERSON ELECTRIC CO., US
[85] 2003-01-23
[86] 2001-09-19 (PCT/US2001/029322)
[87] 2002-03-28 (WO2002/024027)
[30] US (09/667,069) 2000-09-21

[21] **2,416,358**
[13] A1
[51] **Int.Cl. 7A61K 48/00 7A61P 35/00 7A61P 9/10**
[25] EN
[54] **USE OF THE INTERFERON RECEPTOR 2C POLYPEPTIDE CHAIN TO ENHANCE THE ANTI-GROWTH EFFECTS OF TYPE I INTERFERONS**
[54] **UTILISATION DE LA CHAINE POLYPEPTIDE DU RECEPTEUR 2C D'INTERFERON POUR RENFORCER LES EFFETS ANTI-CROISSANCE DES INTERFERONS DE TYPE I**
[72] VOGEL, DAVID, US
[72] CROZE, ED, US
[72] RUSSEL-HARDE, DEAN, US
[71] SCHERING AKTIENGESELLSCHAFT, DE
[85] 2003-01-14
[86] 2001-07-26 (PCT/US2001/041412)
[87] 2002-01-31 (WO2002/007777)
[30] US (60/220,844) 2000-07-26
[30] US (09/912,252) 2001-07-25

[21] **2,416,429**
[13] A1
[51] **Int.Cl. 7C12N 9/78 7C12P 7/44 7C12P 7/62**
[25] EN
[54] **PREPARATION OF DICARBOXYLIC ACID MONOESTERS FROM CYANOCARBOXYLIC ACID ESTERS**
[54] **PREPARATION DE MONOESTERS D'ACIDE DICARBOXYLIQUE A PARTIR D'ESTERS D'ACIDE CYANOCARBOXYLIQUE**
[72] FALLON, ROBERT D., US
[72] DICOSIMO, ROBERT, US
[72] CHAUHAN, SARITA, US
[72] GAVAGAN, JOHN E., US
[72] PAYNE, MARK S., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2003-01-17
[86] 2001-08-03 (PCT/US2001/024299)
[87] 2002-02-14 (WO2002/012527)
[30] US (09/632,419) 2000-08-04

[21] **2,416,433**
[13] A1
[51] **Int.Cl. 7G01N 33/48**
[25] EN
[54] **RAPID PAPANICOLAOU STAINING METHOD FOR CERVICO-VAGINAL SPECIMENS**
[54] **METHODE DE COLORATION RAPIDE DE PAPANICOLAOU DESTINEE A DES SPECIMENS CERVICO-VAGINAUX**
[72] ALVAREZ, ILIANA, I, US
[71] ALVAREZ, ILIANA, I, US
[85] 2003-01-20
[86] 2001-08-07 (PCT/US2001/041614)
[87] 2002-02-14 (WO2002/012881)
[30] US (09/634,016) 2000-08-08

[21] **2,416,434**
[13] A1
[51] **Int.Cl. 7C12P 7/42 7C08G 63/06 7C08G 63/85**
[25] EN
[54] **3-HYDROXYCARBOXYLIC ACID PRODUCTION AND USE IN BRANCHED POLYMERS**
[54] **PRODUCTION D'ACIDE 3-HYDROXYCARBOXYLIQUE ET UTILISATION DANS DES POLYMERES RAMIFIES**
[72] GAVAGAN, JOHN E., US
[72] HERKES, FRANK, US
[72] WILCZEK, LECH, US
[72] BRAMUCCI, MICHAEL G., US
[72] FALLON, ROBERT D., US
[72] DICOSIMO, ROBERT, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2003-01-17
[86] 2001-08-03 (PCT/US2001/024298)
[87] 2002-02-14 (WO2002/012530)
[30] US (50/223,044) 2000-08-04

[21] **2,416,441**
[13] A1
[51] **Int.Cl. 7E01F 13/04 7E01F 9/017 7E01F 9/019**
[25] EN
[54] **RETRACTABLE PYLON ARRANGEMENT**
[54] **STRUCTURE A PYLONE ESCAMOTABLE**
[72] JOHNSON, DWIGHT DAVID, US
[71] NATIONAL SIGN & SIGNAL CO., US
[85] 2003-01-17
[86] 2001-08-03 (PCT/US2001/041552)
[87] 2002-02-14 (WO2002/012634)
[30] US (09/631,573) 2000-08-04

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[13] A1
[51] **Int.Cl. 7C07D 239/34 7A61P 25/00**
7A61P 3/10 7A61P 25/28 7C07D 239/38
7C07D 239/42 7C07D 239/46 7C07D 239/
48 7A61K 31/505
[25] EN
[54] **SUBSTITUTED 5-ALKYNYL**
PYRIMIDINES HAVING
NEUROTROPHIC ACTIVITY
[54] **5-ALKYNYLE PYRIMIDINES**
SUBSTITUEES AVEC ACTIVITE
NEUROTROPHIQUE
[72] BEAUCHAMP, LILIA, US
[72] KRENITSKY, THOMAS A., US
[72] KELLEY, JAMES L., US
[71] KRENITSKY PHARMACEUTICALS,
INC., US
[85] 2003-01-17
[86] 2001-07-20 (PCT/US2001/023088)
[87] 2002-01-31 (WO2002/008205)
[30] US (60/220,348) 2000-07-24

[21] **2,416,446**
[13] A1
[51] **Int.Cl. 7G01N 1/10 7C02F 11/00**
7B01L 3/00 7B01L 11/00 7B01D 57/02
7B01L 3/02 7C02F 1/40 7B01D 59/42
[25] EN
[54] **CONTROL OF OPERATION**
CONDITIONS WITHIN FLUIDIC
SYSTEMS
[54] **CONTROLE DES CONDITIONS DE**
FONCTIONNEMENT DANS DES
SYSTEMES FLUIDIQUES
[72] PARCE, J. WALLACE, US
[72] MORRISSEY, DONALD J., JR., US
[72] YAO, YUNG-MAE M., US
[71] CALIPER TECHNOLOGIES CORP.,
US
[85] 2003-01-17
[86] 2001-07-31 (PCT/US2001/024101)
[87] 2002-02-14 (WO2002/012856)
[30] US (60/223,072) 2000-08-04

[21] **2,416,447**
[13] A1
[51] **Int.Cl. 7C07D 307/87 7A61P 25/00**
7C07C 229/02 7C07C 211/03 7A61K 31/
198 7A61K 31/343 7A61K 31/381 7C07D
333/72
[25] EN
[54] **NOVEL COMPOUNDS AND THEIR**
USE AS GLYCINE TRANSPORT
INHIBITORS
[54] **NOUVEAUX COMPOSES ET LEUR**
UTILISATION COMME INHIBITEURS
DU TRANSPORT DE GLYCINE
[72] MOLTZEN, EJNER KNUD, DK
[72] KROG-JENSEN, CHRISTIAN, DK
[72] BOGESO, KLAUS PETER, DK
[72] SMITH, GARRICK, PAUL, DK
[71] H. LUNDBECK A/S, DK
[85] 2003-01-17
[86] 2001-07-19 (PCT/DK2001/000510)
[87] 2002-01-31 (WO2002/008216)
[30] DK (PA 2000 01124) 2000-07-21

[21] **2,416,455**
[13] A1
[51] **Int.Cl. 7C08K 5/14 7C08L 19/00**
7C08L 21/02
[25] EN
[54] **METHOD FOR PRODUCING**
CROSS-LINKED RUBBER PARTICLES
[54] **PROCEDE DE PRODUCTION DE**
PARTICULES DE CAOUTCHOUC
RETICULEES
[72] OBRECHT, WERNER, DE
[71] BAYER AKTIENGESELLSCHAFT,
DE
[85] 2003-01-17
[86] 2001-07-11 (PCT/EP2001/007992)
[87] 2003-01-17 (WO2002/008328)
[30] DE (100 35 493.9) 2000-07-21

[21] **2,416,457**
[13] A1
[51] **Int.Cl. 7A01G 9/02**
[25] EN
[54] **MODULAR GREEN ROOF**
INCLUDING PANELS WITH
COMPLIMENTARY EDGE SYSTEMS
[54] **TOIT MODULAIRE POUR**
CREATION D'ESPACES VERTS
CONSTITUE DE PANNEAUX A
SYSTEMES DE BORDURES
COMPLEMENTAIRES
[72] MISCHO, DONALD J., US
[71] MISCHO, DONALD J., US
[85] 2003-01-17
[86] 2001-07-18 (PCT/US2001/022797)
[87] 2002-01-24 (WO2002/005625)
[30] US (60/218,889) 2000-07-18
[30] US (60/219,063) 2000-07-18
[30] US (60/219,457) 2000-07-18

[21] **2,416,458**
[13] A1
[51] **Int.Cl. 7H01P 7/10**
[25] EN
[54] **DIELECTRIC LOADED CAVITY**
FOR HIGH FREQUENCY FILTERS
[54] **CAVITE CHARGEE A BLOC**
DIELECTRIQUE POUR FILTRES
HAUTE FREQUENCE
[72] ACCATINO, LUCIANO, IT
[72] BERTIN, GIORGIO, IT
[72] MONGIARDO, MAURO, IT
[71] TELECOM ITALIA LAB S.P.A., IT
[85] 2003-01-17
[86] 2001-07-18 (PCT/EP2001/008289)
[87] 2002-01-31 (WO2002/009228)
[30] IT (TO2000A000716) 2000-07-20

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[13] A1

[51] **Int.Cl. 7B01J 8/00 7B01J 12/00 7B01J 8/02**
[25] EN
[54] **A REACTOR COMPRISING A PACKED BED OF SUPPORTED CATALYST OR SUPPORTED CATALYST PRECURSOR, AND A USE OF THE REACTOR**
[54] **REACTEUR COMPRENANT UN LIT A GARNISSAGE DE CATALYSEUR SUPPORTE OU DE PRECURSEUR DE CATALYSEUR SUPPORTE, ET UTILISATION DE CE REACTEUR**
[72] GIMPEL, FREDERIK WILLEM HENDRIK, NL
[72] VERBIST, GUY LODE MAGDA MARIA, NL
[72] SCHRAUWEN, FRANCISCUS JOHANNES MARIA, NL
[72] NIESEN, GERARDUS PETRUS LAMBERTUS, NL
[72] VAN HARDEVELD, ROBERT MARTIJN, NL
[72] MESTERS, CAROLUS MATTHIAS ANNA MARIA, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2003-01-21
[86] 2001-07-11 (PCT/EP2001/008019)
[87] 2002-01-31 (WO2002/007872)
[30] EP (00306331.0) 2000-07-25

[21] **2,416,461**
[13] A1

[51] **Int.Cl. 7B01F 7/16 7B01F 3/04**
[25] EN
[54] **MIXING APPARATUS AND METHOD FOR MIXING GAS IN A CLOSED REACTOR**
[54] **DISPOSITIF MELANGEUR ET PROCEDE DE MELANGE DE GAZ DANS UN REACTEUR FERME**
[72] NYMAN, BROR, FI
[72] HULTHOLM, STIG-ERIK, FI
[72] JUUSELA, MIKKO, FI
[72] LILJA, LAUMO, FI
[71] OUTOKUMPU OYJ, FI
[85] 2003-01-17
[86] 2001-07-19 (PCT/FI2001/000678)
[87] 2002-01-31 (WO2002/007866)
[30] FI (20001698) 2000-07-21

[21] **2,416,463**
[13] A1

[51] **Int.Cl. 7A01G 9/02**
[25] EN
[54] **MODULAR GREEN ROOF SYSTEM WITH INTERCONNECTING PANELS**
[54] **SYSTEME DE TOITURE MODULAIRE POUR CREATION D'ESPACES VERTS CONSTITUE DE PANNEAUX AUTOBLOQUANTS**
[72] MISCHO, DONALD J., US
[71] MISCHO, DONALD J., US
[85] 2003-01-17
[86] 2001-07-18 (PCT/US2001/022799)
[87] 2002-01-24 (WO2002/005626)
[30] US (60/219,063) 2000-07-18
[30] US (60/218,889) 2000-07-18
[30] US (60/219,457) 2000-07-18

[21] **2,416,465**
[13] A1

[51] **Int.Cl. 7C02F 5/14**
[25] EN
[54] **TREATMENT OF IRON SULPHIDE DEPOSITS**
[54] **TRAITEMENT DE DEPOTS DE SULFURE DE FER**
[72] GABRIEL, ROBERT, US
[72] JONES, CHRISTOPHER RAYMOND, GB
[72] FIDOE, STEPHEN DAVID, GB
[72] TALBOT, ROBERT ERIC, GB
[71] RHODIA CONSUMER SPECIALTIES LIMITED, GB
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[30] GB (0017675.0) 2000-07-20

[21] **2,416,474**
[13] A1

[51] **Int.Cl. 7A01N 47/36**
[25] EN
[54] **HERBICIDAL COMPOSITIONS**
[54] **COMPOSITIONS HERBICIDES**
[72] BIERINGER, HERMANN, DE
[72] HUFF, HANS PHILIPP, DE
[72] BICKERS, UDO, DE
[72] HACKER, ERWIN, DE
[72] FRISCH, GERHARD, DE
[71] AVENTIS CROPS SCIENCE GMBH, DE
[85] 2003-01-24
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[30] DE (100 36 002.5) 2000-07-25

[21] **2,416,477**
[13] A1

[51] **Int.Cl. 7B01J 37/02 7C10G 2/00**
[25] EN
[54] **A SHELL METAL CATALYST AND A PRECURSOR THEREOF, A PROCESS FOR THEIR PREPARATION AND THE USE OF THE CATALYST**
[54] **CATALYSEUR METALLIQUE EN COQUILLE ET SON PRECURSEUR, PROCEDE DE PREPARATION DUDIT CATALYSEUR ET DUDIT PRECURSEUR ET UTILISATION DUDIT CATALYSEUR**
[72] NIESEN, GERARDUS PETRUS LAMBERTUS, NL
[72] MESTERS, CAROLUS MATTHIAS ANNA MARIA, NL
[72] VAN HARDEVELD, ROBERT MARTIJN, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[87] 2002-01-31 (WO2002/007882)
[30] EP (00306272.6) 2000-07-24

[21] **2,416,500**
[13] A1

[51] **Int.Cl. 7C12P 7/06**
[25] EN
[54] **METHODS FOR INCREASING THE PRODUCTION OF ETHANOL FROM MICROBIAL FERMENTATION**
[54] **PROCEDES PERMETTANT D'AUGMENTER LA PRODUCTION D'ETHANOL A PARTIR DE LA FERMENTATION MICROBIENNE**
[72] BASU, RAHUL, US
[72] PHILLIPS, JOHN RANDALL, US
[72] KO, CHING-WHAN, US
[72] ARORA, DINESH K., US
[72] GADDY, JAMES L., US
[72] CLAUSEN, EDGAR C., US
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[71] BIOENGINEERING RESOURCES, INC., US
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[13] A1
[51] **Int.Cl. 7C12Q 1/68 7C07H 21/02**
[25] EN
[54] **METHOD FOR ISOLATING AND CHARACTERIZING NUCLEIC ACID SEQUENCES**
[54] **PROCEDE D'ISOLATION ET DE CARACTERISATION DE SEQUENCES D'ACIDES NUCLEIQUES**
[72] LEE, WALTER H., US
[72] FU, GLENN K., US
[72] WANG, JONATHAN T., US
[72] STUVE, LAURA L., US
[71] INCYTE GENOMICS, INC., US
[85] 2003-01-17
[86] 2001-07-09 (PCT/US2001/021772)
[87] 2002-01-31 (WO2002/008464)
[30] US (09/620,926) 2000-07-21

[21] **2,416,516**
[13] A1
[51] **Int.Cl. 7C01B 3/38**
[25] EN
[54] **SPOX-ENHANCED PROCESS FOR PRODUCTION OF SYNTHESIS GAS**
[54] **PROCEDE FAVORISANT L'OXYDATION CATALYTIQUE PARTIELLE DE H2S POUR LA PRODUCTION DE GAZ DE SYNTHESE**
[72] ALLISON, JOE D., US
[72] KELLER, ALFRED E., US
[72] RAMANI, SRIRAM, US
[71] CONOCO INC., US
[85] 2003-01-21
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[87] 2002-01-31 (WO2002/008119)
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[13] A1
[51] **Int.Cl. 7C01B 31/06 7C09K 3/14 7B03B 5/28 7B03B 5/66**
[25] EN
[54] **SINGLE CRYSTAL FINE DIAMOND POWDER HAVING NARROW PARTICLE SIZE DISTRIBUTION AND METHOD FOR PRODUCTION THEREOF**
[54] **POUDRE FINE DE DIAMANT MONOCRISTALLINE A FAIBLE DISTRIBUTION EN TAILLE DES PARTICULES ET SON PROCEDE DE FABRICATION**
[72] ISHIZUKA, HIROSHI, JP
[72] OHSHIMA, RYUJI, JP
[72] SAITO, NOBUYUKI, JP
[72] SATO, RYOUICHI, JP
[72] YAMANAKA, HIROSHI, JP
[71] THE ISHIZUKA RESEARCH INSTITUTE LTD., JP
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[87] 2003-01-21 (WO2002/008122)
[30] JP (2000-221119) 2000-07-21
[30] JP (2001-142118) 2001-05-11

[21] **2,416,526**
[13] A1
[51] **Int.Cl. 7G01N 24/00**
[25] EN
[54] **EXTENDED ORGANIC COBALT AND NICKEL MAGNETIC COMPLEXES**
[54] **COMPLEXES MAGNETIQUES DE NICKEL ET DE COBALT A ELONGATION ORGANIQUE**
[72] HAINFELD, JAMES F., US
[71] HAINFELD, JAMES F., US
[85] 2003-01-21
[86] 2001-07-20 (PCT/US2001/022832)
[87] 2002-01-31 (WO2002/007846)
[30] US (09/621,185) 2000-07-21
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[21] **2,416,533**
[13] A1
[51] **Int.Cl. 7C12N 15/09 7C12Q 1/68**
[25] EN
[54] **METHOD OF DETECTING LIPID METABOLIC ERRORS**
[54] **METHODE DE DETECTION D'ERREURS DU METABOLISME LIPIDIQUE**
[72] IWASAKI, TADAO, JP
[72] HATTORI, HIROAKI, JP
[72] OKADA, TOMOO, JP
[72] TSUJI, MASAHIRO, JP
[72] NAGANO, MAKOTO, JP
[72] EGASHIRA, TOHRU, JP
[72] ISHIHARA, MITSUAKI, JP
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[87] 2003-01-15 (WO2002/006467)
[30] JP (2000-218039) 2000-07-18

[21] **2,416,555**
[13] A1
[51] **Int.Cl. 7A61F 9/007 7G05G 1/14**
[25] EN
[54] **MAPPABLE FOOT CONTROLLER FOR MICROSURGICAL SYSTEM**
[54] **CONTROLEUR A PIED PRESENTABLE GRAPHIQUEMENT DESTINE A UN SYSTEME MICROCHIRURGICAL**
[72] DEHOOGH, GREG L., US
[72] ESSEX, PAUL J., US
[72] LOBDELL, DONN D., US
[72] THOMAS, ROGER, US
[72] TODD, KIRK W., US
[71] ALCON, INC., CH
[85] 2003-01-23
[86] 2001-09-06 (PCT/US2001/028015)
[87] 2002-04-25 (WO2002/032354)
[30] US (60/241,059) 2000-10-17

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[13] A1
[51] **Int.Cl. 7C04B 28/04 7E21B 33/13 7C04B 24/26 7C04B 24/32**
[25] EN
[54] **A CEMENTING COMPOSITION INCLUDING A DISPERSANT AGENT FOR CEMENTING OPERATION IN OIL WELLS**
[54] **COMPOSITION DE CIMENTATION CONTENANT UN AGENT DISPERSANT, DESTINEE AUX OPERATIONS DE CIMENTATION DE PUIT DE PETROLE**
[72] VOLPERT, EDGAR, DE
[71] SOFITECH N.V., BE
[85] 2003-01-28
[86] 2001-09-24 (PCT/EP2001/011139)
[87] 2002-04-04 (WO2002/026654)
[30] EP (00203384.3) 2000-09-29

[21] **2,416,564**
[13] A1
[51] **Int.Cl. 7A61F 2/00 7C12N 5/06 7C12N 5/08 7C12N 11/14**
[25] EN
[54] **IMPLANT WITH ACCESS CHANNELS**
[54] **IMPLANT AVEC CANAUX D'ACCES**
[72] KNAACK, DAVID, US
[71] ETEX CORPORATION, US
[85] 2003-01-21
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[87] 2002-03-21 (WO2002/022045)
[30] US (09/661,828) 2000-09-14

[21] **2,416,565**
[13] A1
[51] **Int.Cl. 7A61M 5/31**
[25] EN
[54] **SYRINGE COMPRISING A CYLINDER RECEIVING A LIQUID MEDIUM AND HAVING A CLOSING CAP**
[54] **SERINGUE COMPOSEE D'UN CYLINDRE RECEVANT UN MILIEU LIQUIDE ET D'UN CAPUCHON DE FERMETURE**
[72] WITOWSKI, NORBERT, DE
[71] SCHERING AKTIENGESELLSCHAFT, DE
[85] 2003-01-29
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[13] A1
[51] **Int.Cl. 7E21B 23/00 7E21B 33/14**
[25] EN
[54] **LINER HANGER WITH SLIDING SLEEVE VALVE**
[54] **SUSPENSION DE COLONNE PERDUE COMPRENANT UNE SOUPAPE A MANCHON**
[72] ZWALD, EDWIN A., US
[72] NIDA, RONALD D., US
[72] COOK, ROBERT LANCE, US
[72] DEAN, WILLIAM J., US
[72] FILIPPOV, ANDREI GREGORY, US
[72] WADELL, KEVIN K., US
[72] GUSEVIK, RUNE T., US
[72] DAIGLE, CHAN, US
[72] NOEL, GREGORY M., US
[72] STEPHENSON, WILLIAM RUSTY, US
[72] RING, LEV, US
[72] BRISCO, DAVID P., US
[71] SHELL CANADA LIMITED, CA
[85] 2003-01-24
[86] 2001-09-17 (PCT/US2001/028960)
[87] 2002-03-21 (WO2002/023007)
[30] US (60/233,638) 2000-09-18

[21] **2,416,594**
[13] A1
[51] **Int.Cl. 7B41J 2/05 7B41J 2/14**
[25] EN
[54] **ENERGY BALANCED PRINTHEAD DESIGN**
[54] **TETE D'IMPRESSION A ENERGIE EQUILIBREE**
[72] BOYD, PATRICK V., US
[72] MACKENZIE, MARK H., US
[72] BROWNING, ROBERT N.K., US
[72] TORGERSON, JOSEPH M., US
[71] HEWLETT-PACKARD COMPANY, US
[85] 2003-01-28
[86] 2001-09-07 (PCT/US2001/028047)
[87] 2002-08-08 (WO2002/060692)
[30] US (09/773,180) 2001-01-30

[21] **2,416,596**
[13] A1
[51] **Int.Cl. 7B41J 2/14 7B41J 2/21**
[25] EN
[54] **NARROW MULTI-COLOR INK JET PRINTHEAD**
[54] **TETE D'IMPRESSION A JET D'ENCRE POLYCHROME ETROITE**
[72] BAKKOM, ANGELA WHITE, US
[72] BROWNING, ROBERT N. K., US
[72] TORGERSON, JOSEPH M., US
[72] MILLER, MICHAEL D., US
[72] MACKENZIE, MARK H., US
[71] HEWLETT-PACKARD COMPANY, US
[85] 2003-01-28
[86] 2001-09-07 (PCT/US2001/027654)
[87] 2002-08-08 (WO2002/060694)
[30] US (09/774,811) 2001-01-30

[21] **2,416,599**
[13] A1
[51] **Int.Cl. 7B41J 2/15**
[25] EN
[54] **NARROW INK JET PRINTHEAD**
[54] **TETE D'IMPRESSION A JET D'ENCRE ETROITE**
[72] MILLER, MICHAEL D., US
[72] TORGERSON, JOSEPH M., US
[72] DODD, SIMON, US
[72] BAKKOM, ANGELA WHITE, US
[72] MACKENZIE, MARK H., US
[72] BROWNING, ROBERT N. K., US
[71] HEWLETT-PACKARD COMPANY, US
[85] 2003-01-28
[86] 2001-09-07 (PCT/US2001/028081)
[87] 2002-08-08 (WO2002/060696)
[30] US (09/773,182) 2001-01-30

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[13] A1

[51] **Int.Cl. 7H01M 8/00**
[25] EN
[54] **FUEL CELLS WITH INTEGRATED HUMIDIFICATION AND METHOD FOR HUMIDIFYING FUEL CELL PROCESS GAS**
[54] **PILES A COMBUSTIBLE COMPORTANT UNE HUMIDIFICATION INTEGREE ET PROCEDE D'HUMIDIFICATION DE GAZ DE PROCESSUS DE PILES A COMBUSTIBLE**
[72] GAUGLER, BERND, DE
[72] SCHOLTA, JOACHIM, DE
[72] JORRISEN, LUDWIG, DE
[71] VIESSMANN WERKE GMBH & CO., DE
[85] 2003-01-30
[86] 2002-01-30 (PCT/DE2002/000334)
[87] 2003-01-30 (WO2002/061867)
[30] DE (101 04 246.9) 2001-01-31

[21] **2,416,638**
[13] A1

[51] **Int.Cl. 7A23G 3/02 7A23G 3/00**
[25] EN
[54] **GEL PRODUCTS FORMING SYSTEM AND METHODS OF PREPARATION**
[54] **SYSTEME DE FORMATION DE PRODUITS GELIFIES ET PROCEDES DE PREPARATION**
[72] VAN LENGERICH, BERNHARD, US
[72] ROY, SOUMYA, US
[72] STINSON, JAMES L., US
[72] ZIETLOW, PHILIP K., US
[72] FLICKINGER, GREGORY, US
[71] GENERAL MILLS INC., US
[85] 2003-01-27
[86] 2001-09-25 (PCT/US2001/030228)
[87] 2002-04-04 (WO2002/026048)
[30] US (09/669,660) 2000-09-26

[21] **2,416,642**
[13] A1

[51] **Int.Cl. 7A61N 1/39**
[25] EN
[54] **ALGORITHM FOR SYNCHRONIZATION OF ATRIAL CARDIOVERSION SHOCK**
[54] **ALGORITHME DE SYNCHRONISATION DE CHOC DE CARDIOVERSION ATRIALE**
[72] MONGEON, LUC R., US
[72] SINNER, THOMAS W., US
[71] MEDTRONIC, INC., US
[85] 2003-01-22
[86] 2001-07-18 (PCT/US2001/022580)
[87] 2002-02-07 (WO2002/009810)
[30] US (09/627,243) 2000-07-27

[21] **2,416,645**
[13] A1

[51] **Int.Cl. 7E21B 43/08 7E21B 17/00**
[25] EN
[54] **COMBINED LINER AND MATRIX SYSTEM, USE OF THE SYSTEM AND METHOD FOR CONTROL AND MONITORING OF PROCESSES IN A WELL**
[54] **SYSTEME MIXTE DE REVETEMENT ET DE MATRICE**
[72] SVEEN, JOSTEIN, NO
[72] TAYEBI, DAVOUD, NO
[72] ERIKSEN, ODD IVAR, NO
[72] LUND, ARE, NO
[72] SAASTAD, OLE WIDAR, NO
[72] LILE, OLE BERNT, NO
[72] KVERNHEIM, ARNE LUND, NO
[72] RAMSTAD, MARIT VALEUR, NO
[72] KILAAS, LARS, NO
[71] SINVENT AS, NO
[85] 2003-01-20
[86] 2001-07-12 (PCT/NO2001/000299)
[87] 2002-01-31 (WO2002/008562)
[30] NO (2000 3777) 2000-07-21
[30] NO (2000 4130) 2000-08-18
[30] NO (2001 1569) 2001-03-27

[21] **2,416,647**
[13] A1

[51] **Int.Cl. 7A61P 1/00 7G01N 33/50**
[25] EN
[54] **METHOD FOR LOCATING COMPOUNDS WHICH ARE SUITABLE FOR THE TREATMENT AND/OR PROPHYLAXIS OF OBESITY**
[54] **PROCEDE POUR TROUVER DES COMPOSES APTE AU TRAITEMENT ET/OU A LA PROPHYLAXIE DE L'OBESITE**
[72] DAVID, SAMUEL, DE
[72] SANN, HOLGER, DE
[72] WESKE, MICHAEL, DE
[72] HEBEBRAND, JOHANNES, DE
[72] ANTEL, JOCHEN, DE
[72] PREUSCHOFF, ULF, DE
[71] SOLVAY PHARMACEUTICALS GMBH, DE
[85] 2003-01-20
[86] 2001-07-12 (PCT/EP2001/008051)
[87] 2003-01-20 (WO2002/007821)
[30] DE (100 35 227.8) 2000-07-20

[21] **2,416,653**
[13] A1

[51] **Int.Cl. 7C25B 1/24**
[25] EN
[54] **PROCESS AND METHOD FOR RECOVERY OF HALOGENS**
[54] **PROCESSUS ET PROCEDE DE RECUPERATION D'HALOGENES**
[72] MACFARLANE, DOUGLAS, AU
[72] NEWMAN, PETER A., AU
[71] IODINE TECHNOLOGIES AUSTRALIA PTY LTD., AU
[85] 2003-01-20
[86] 2001-07-21 (PCT/AU2001/000892)
[87] 2002-01-31 (WO2002/008492)
[30] AU (PQ 8915) 2000-07-21

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[13] A1
[51] **Int.Cl. 7C07D 487/04 7C07D 209/00 7C07D 221/00 7C07D 223/00 7C07D 235/00 7C07D 471/04**
[25] EN
[54] **BICYCLIC HYDANTOIN DERIVATIVES AND COMBINATORIAL LIBRARIES THEREOF**
[54] **DERIVES D'HYDANTOINE BICYCLIQUES ET BIBLIOTHEQUES COMBINATOIRES DE CES DERNIERS**
[72] LU, SHAO-PO, US
[72] HEBERT, R. NORMAND, US
[71] LION BIOSCIENCE AG, DE
[85] 2003-01-20
[86] 2001-07-18 (PCT/EP2001/008322)
[87] 2002-01-31 (WO2002/008227)
[30] US (09/621,177) 2000-07-21

[21] **2,416,655**
[13] A1
[51] **Int.Cl. 7G01R 31/3185**
[25] EN
[54] **HIERARCHICAL DESIGN AND TEST METHOD AND SYSTEM, PROGRAM PRODUCT EMBODYING THE METHOD AND INTEGRATED CIRCUIT PRODUCED THEREBY**
[54] **PROCEDE ET SYSTEME DE CONCEPTION ET D'ESSAI HIERARCHIQUES, PRODUIT PROGRAMME FAISANT APPEL A CE PROCEDE ET CIRCUIT INTEGRE AINSI PRODUIT**
[72] BUREK, DWAYNE, US
[72] COTE, JEAN-FRANCOIS, CA
[72] ROMAIN, LUC, CA
[72] SHUM, SONNY NGAI SAN, US
[72] GIROUARD, PIERRE, US
[72] VEDANTAM, SAI KENNEDY, US
[72] NADEAU-DOSTIE, BENOIT, CA
[72] GAUTHIER, PIERRE, CA
[72] BERNARD, CHARLES, US
[71] LOGICVISION, INC., US
[85] 2003-01-20
[86] 2001-06-15 (PCT/CA2001/000882)
[87] 2002-02-07 (WO2002/010785)
[30] US (09/626,877) 2000-07-27

[21] **2,416,662**
[13] A1
[51] **Int.Cl. 7C22B 1/242 7C22B 1/244**
[25] EN
[54] **AGGLOMERATING PARTICULATE ORE MATERIALS USING POLYMERIC BINDERS**
[54] **AGGLOMERATION DE MATERIAUX EN PARTICULES**
[72] SCHMITT, JAMES JOHN, US
[72] STEEGHS, HENRICUS RENIER GERARDUS, US
[71] AKZO NOBEL N.V., NL
[85] 2003-01-20
[86] 2001-07-20 (PCT/EP2001/008457)
[87] 2002-01-31 (WO2002/008473)
[30] US (60/219,667) 2000-07-21

[21] **2,416,669**
[13] A1
[51] **Int.Cl. 7G01V 1/40**
[25] EN
[54] **USE OF MINOR BOREHOLE OBSTRUCTIONS AS SEISMIC SOURCES**
[54] **UTILISATION D'OBSTRUCTIONS DE TROUS DE FORAGE MINEURES COMME SOURCES SISMIQUES**
[72] ARONSTAM, PETER S., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2003-01-20
[86] 2001-07-19 (PCT/US2001/022918)
[87] 2002-01-31 (WO2002/008791)
[30] US (09/620,824) 2000-07-21

[21] **2,416,674**
[13] A1
[51] **Int.Cl. 7G02C 7/02 7G02C 7/10**
[25] EN
[54] **OPTICAL LENS COATING**
[54] **REVETEMENT DE VERRE OPTIQUE**
[72] AYOUB, ABBY, US
[71] AYOUB, ABBY, US
[85] 2003-01-20
[86] 2001-07-20 (PCT/US2001/023025)
[87] 2002-01-31 (WO2002/008820)
[30] US (09/621,223) 2000-07-21

[21] **2,416,676**
[13] A1
[51] **Int.Cl. 7C07H 21/04 7C12N 5/16 7G01N 33/53 7C12Q 1/68 7A61K 31/711**
[25] EN
[54] **NUCLEIC ACIDS COMPRISING REGIONS OF THE RAT PEG-3 PROMOTER AND USES THEREOF**
[54] **ACIDES NUCLEIQUES COMPRENANT DES REGIONS DU PROMOTEUR PEG-3 DU RAT ET LEURS UTILISATIONS**
[72] SU, ZAO-ZHONG, US
[72] FISHER, PAUL B., US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
[85] 2003-01-21
[86] 2001-07-20 (PCT/US2001/023099)
[87] 2002-01-31 (WO2002/008242)
[30] US (09/621,781) 2000-07-21

[21] **2,416,689**
[13] A1
[51] **Int.Cl. 7C09B 62/095 7C09B 62/515**
[25] EN
[54] **WATER-SOLUBLE FIBER-REACTIVE DYES, PREPARATION THEREOF AND USE THEREOF**
[54] **COLORANTS HYDROSOLUBLES REAGISSANT AVEC LES FIBRES, PROCEDE DE PREPARATION ET UTILISATION DESDITS COLORANTS**
[72] HENK, HERMANN, DE
[72] STECKELBERG, JOACHIM, DE
[71] DYSTAR TEXTILFARBEN GMBH & CO. DEUTSHLAND KG, DE
[85] 2003-01-21
[86] 2001-07-14 (PCT/EP2001/008151)
[87] 2003-01-21 (WO2002/008342)
[30] DE (100 35 805.5) 2000-07-22

[21] **2,416,699**
[13] A1
[51] **Int.Cl. 7E02B 3/00**
[25] EN
[54] **PORTABLE LEVEE SYSTEM AND PORTABLE LEVEE SYSTEM BAG**
[54] **SYSTEME PORTABLE DE DIGUE ET SON SAC**
[72] HALL, DAVID K., US
[71] WESTWIND LEVEE SYSTEMS, LLC, US
[85] 2003-01-20
[86] 2001-07-20 (PCT/US2001/022992)
[87] 2002-01-31 (WO2002/008524)
[30] US (09/621,425) 2000-07-21

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[21] **2,416,708**
[13] A1
[51] **Int.Cl. 7C12Q 1/68 7G01N 33/00 7G01N 33/566**
[25] EN
[54] **A SYSTEMATIC APPROACH TO MECHANISM-OF-RESPONSE ANALYSES**
[54] **APPROCHE SYSTEMATIQUE DES ANALYSES DES MECANISMES DE REPONSE**
[72] MONFORTE, JOSEPH A., US
[71] ALTHEA TECHNOLOGIES, INC., US
[85] 2003-01-20
[86] 2001-07-20 (PCT/US2001/023074)
[87] 2002-01-31 (WO2002/008466)
[30] US (60/220,080) 2000-07-21

[21] **2,416,712**
[13] A1
[51] **Int.Cl. 7C07C 253/24**
[25] EN
[54] **AMELIORATION OF AMMONIA BREAKTHROUGH IN AN ALKANE AMMOXYDATION PROCESS**
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[54] **PROCEDES, SYSTEMES ET ARTICLES MANUFACTURES DESTINES A EVALUER DES DONNEES BIOLOGIQUES**
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[54] **APPAREIL DE FABRICATION DE TUYAUX REGULANT LE VOLUME DE PLASTIQUE LE LONG DE LA PAROI D'UN TUYAU**
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[54] **SYSTEME ET PROCEDE SERVANT A PREDIRE LES CARACTERISTIQUES ADME D'UN COMPOSE EN FONCTION DE SA STRUCTURE**
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[54] **ARCHITECTURE DE DISTRIBUTION DE SIGNAUX VIDEO/AUDIO/DE DONNEES**
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[54] **DERIVES DE MOLECULES LIPOPHILES RAMIFIEES ET UTILISATIONS CORRESPONDANTES**
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[25] FR
[54] **PF-4 MUTE, SES FRAGMENTS ET PEPTIDES DE FUSION MUTES, LEURS ANALOGUES, LES SEQUENCES D'ADN, ADNC ET ARNM CORRESPONDANTES, ET LEUR UTILISATION DANS L'INHIBITION DE L'ANGIOGENESE**
[54] **MUTATED PF-4, ITS FRAGMENTS AND MUTATED FUSION PEPTIDES, THEIR ANALOGUES, CORRESPONDING DNA, CDNA AND MRNA SEQUENCES AND THEIR USE FOR INHIBITING ANGIOGENESIS**
[72] ALEMANY, MONICA, FR
[72] BIKFALVI, ANDREAS, FR
[71] UNIVERSITE DE BORDEAUX I, FR
[71] INSTITUT DES VAISSEAUX ET DU SANG, FR
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[86] 2001-07-18 (PCT/FR2001/002341)
[87] 2002-01-24 (WO2002/006300)
[30] FR (00/09464) 2000-07-19

[21] **2,416,816**
[13] A1
[51] **Int.Cl. 7G07F 7/10**
[25] FR
[54] **PROCEDE DE SECURISATION DE TRANSACTIONS EFFECTUEES AU MOYEN DE CARTES POURVUES D'UN NUMERO D'IDENTIFICATION DU PROPRIETAIRE**
[54] **METHOD FOR MAKING SECURE TRANSACTIONS CARRIED OUT WITH CARDS PROVIDED WITH AN OWNER IDENTIFICATION NUMBER**
[72] ATIG, SAMAI, FR
[71] ATIG, SAMAI, FR
[85] 2003-01-21
[86] 2001-06-08 (PCT/FR2001/001772)
[87] 2001-12-13 (WO2001/095272)
[30] FR (00/07393) 2000-06-09

[21] **2,416,823**
[13] A1
[51] **Int.Cl. 7A61K 7/043 7A61K 7/48 7A61K 31/715**
[25] EN
[54] **ANTIMICOTIC NAIL VARNISH COMPOSITION**
[54] **COMPOSITION DE VERNIS A ONGLES ANTIMYCOTIQUE**
[72] MAILLAND, FEDERICO, IT
[71] POLICHEM S.A., LU
[85] 2003-01-22
[86] 2001-07-18 (PCT/EP2001/008311)
[87] 2002-01-31 (WO2002/007683)
[30] DE (100 35 991.4) 2000-07-24

[21] **2,416,824**
[13] A1
[51] **Int.Cl. 7A61K 31/53 7A61P 35/00 7A61P 35/02 7A61K 45/06 7A61K 9/127**
[25] EN
[54] **USE OF AN ARYLALDEHYDE 5-OXO-1, 2, 4-TRIAZINE HYDRAZIDE FOR THE TREATMENT OF CANCER**
[54] **TRAITEMENT DU CANCER**
[72] CAMDEN, JAMES BERGER, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-01-20
[86] 2001-07-25 (PCT/US2001/023426)
[87] 2002-02-07 (WO2002/009715)
[30] US (09/627,610) 2000-07-28

[21] **2,416,825**
[13] A1
[51] **Int.Cl. 7A61M 29/00 7A61M 29/02**
[25] EN
[54] **STIFFENED BALLOON CATHETER FOR DILATATION AND STENTING**
[54] **SONDE A BALLONNET RIGIDE DE DILATATION ET DE MISE EN PLACE DE STENT**
[72] GRAYZEL, JEFFREY, US
[72] GRAYZEL, JOSEPH, US
[71] GRAYZEL, JEFFREY, US
[71] GRAYZEL, JOSEPH, US
[85] 2003-01-22
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[13] A1

[51] **Int.Cl. 7B01D 29/00 7B01D 61/00**
[25] EN
[54] **BLOOD COLLECTION SYSTEMS AND METHODS USING A POROUS MEMBRANE ELEMENT**
[54] **SYSTEMES ET PROCEDES DE PRELEVEMENT SANGUIN DOTES D'UN ELEMENT DE MEMBRANE POREUSE**
[72] STERNBERG, SHMUEL, US
[72] BREILLATT, JULIAN P., JR., US
[71] BAXTER INTERNATIONAL, INC., US
[85] 2003-01-22
[86] 2001-07-18 (PCT/US2001/022651)
[87] 2002-01-31 (WO2002/007854)
[30] US (09/624,308) 2000-07-24

[21] **2,416,833**
[13] A1

[51] **Int.Cl. 7E04C 3/02 7E04C 5/16**
[25] EN
[54] **ISO-TRUSS STRUCTURE**
[54] **SRUCTURE A TREILLIS ISOMETRIQUE**
[72] JENSEN, DAVID W., US
[72] FRANCOM, LARRY R., US
[71] BRIGHAM YOUNG UNIVERSITY, US
[85] 2003-01-20
[86] 2001-07-27 (PCT/US2001/023636)
[87] 2002-02-07 (WO2002/010535)
[30] US (60/221,445) 2000-07-28

[21] **2,416,834**
[13] A1

[51] **Int.Cl. 7F16B 13/04**
[25] EN
[54] **QUICK ACCESS RUBBER PANEL FASTENER**
[54] **ATTACHE DE PANNEAUX EN CAOUTCHOUC A ACCES RAPIDE**
[72] BENTRIM, BRIAN G., US
[71] PEM MANAGEMENT, INC., US
[85] 2003-01-20
[86] 2001-09-18 (PCT/US2001/028597)
[87] 2002-04-04 (WO2002/027196)
[30] US (60/234,801) 2000-09-25

[21] **2,416,837**
[13] A1

[51] **Int.Cl. 7B41J 2/14**
[25] EN
[54] **INK JET PRINthead HAVING A GROUND BUS THAT OVERLAPS TRANSISTOR ACTIVE REGIONS**
[54] **TETE D'IMPRESSION A JET D'ENCRE POSSEDANT UNE BARRE OMNIBUS DE MASSE QUI CHEVAUCHE LES REGIONS TRANSISTOR ACTIVES**
[72] TORGERSON, JOSEPH M., US
[72] HURST, DAVID M., US
[71] HEWLETT-PACKARD COMPANY, US
[85] 2003-01-22
[86] 2001-01-26 (PCT/US2001/002601)
[87] 2002-01-31 (WO2002/007979)
[30] US (09/621,922) 2000-07-24

[21] **2,416,840**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM FOR RENTAL VEHICLE SERVICES**
[54] **SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES, FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES**
[72] KLOPFENSTEIN, ANITA K., US
[72] DEVALLANCE, KIMBERLY ANN, US
[72] HASELHORST, RANDALL ALLAN, US
[72] WEINSTOCK, TIMOTHY ROBERT, US
[72] TINGLE, WILLIAM T., US
[72] SMITH, DAVID GARY, US
[72] KENNEDY, CRAIG STEPHEN, US
[71] THE CRAWFORD GROUP, INC., US
[85] 2003-01-20
[86] 2001-10-19 (PCT/US2001/051437)
[87] 2002-08-29 (WO2002/067175)
[30] US (09/694,050) 2000-10-20

[21] **2,416,844**
[13] A1

[51] **Int.Cl. 7G07F 7/10**
[25] EN
[54] **METHOD AND SYSTEM OF COMMUNICATING DEVICES, AND DEVICES THEREFOR, WITH PROTECTED DATA TRANSFER**
[54] **PROCEDE ET SYSTEME DE COMMUNICATION ENTRE DES DISPOSITIFS ET DISPOSITIFS CORRESPONDANTS COMPRENANT UNE FONCTION DE PROTECTION DE TRANSFERT DE DONNEES**
[72] DE JONG, EDUARD KAREL, NL
[71] BELLE GATE INVESTMENT B.V., NL
[85] 2003-01-20
[86] 2000-07-20 (PCT/NL2000/000510)
[87] 2002-01-31 (WO2002/009046)

[21] **2,416,850**
[13] A1

[51] **Int.Cl. 7C07J 5/00**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF PREGNANE DERIVATIVES**
[54] **PROCEDE DE PREPARATION DE DERIVES DE PREGNANE**
[72] NAKAZAWA, MAKOTO, JP
[72] OHZONO, SHIGEO, JP
[72] KITA, SATORU, JP
[71] KURARAY CO., LTD., JP
[85] 2003-01-20
[86] 2001-09-04 (PCT/JP2001/007639)
[87] 2003-01-20 (WO2002/020552)
[30] JP (2000-273387) 2000-09-08

[21] **2,416,857**
[13] A1

[51] **Int.Cl. 7C05F 17/02**
[25] FR
[54] **PROCEDE ET APPAREIL POUR DEPLACER ET RETOURNER DU COMPOST**
[54] **METHOD AND APPARATUS FOR MOVING AND STIRRING COMPOST**
[72] CHENU, JEAN CLAUDE, FR
[71] COMARI, FR
[85] 2003-01-22
[86] 2001-07-24 (PCT/FR2001/002402)
[87] 2002-01-31 (WO2002/008153)
[30] FR (00/09649) 2000-07-24

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[21] **2,416,865**
[13] A1
[51] **Int.Cl. 7C07D 233/64 7A61P 9/06 7C07D 239/26 7C07D 213/40 7A61K 31/417 7A61K 31/4402 7A61K 31/505**
[25] EN
[54] **POTASSIUM CHANNEL INHIBITORS**
[54] **INHIBITEURS DE CANAUX A POTASSIUM**
[72] ZOU, ANRUO, US
[72] REED, AIMEE D., US
[72] GROSS, MICHAEL F., US
[72] WICKENDEN, ALAN D., US
[72] BEAUDOIN, SERGE, US
[71] ICAGEN, INC., US
[85] 2003-01-22
[86] 2001-07-26 (PCT/US2001/023595)
[87] 2002-01-31 (WO2002/008183)
[30] US (60/220,826) 2000-07-26
[30] US (09/910,818) 2001-07-24

[21] **2,416,867**
[13] A1
[51] **Int.Cl. 7C07D 209/80**
[25] EN
[54] **CYCLOPENTANOINDOLES, COMPOSITIONS CONTAINING SUCH COMPOUNDS AND METHODS OF TREATMENT**
[54] **CYCLOPENTANOINDOLES, COMPOSITIONS CONTENANT DE TELS COMPOSES ET PROCEDES DE TRAITEMENT**
[72] ROY, BRUNO, CA
[72] BOYD, MICHAEL, CA
[72] LACHANCE, NICOLAS, CA
[72] LABELLE, MARC, CA
[72] STURINO, CLAUDIO, CA
[72] SCHEIGETZ, JOHN, CA
[72] BERTHELETTE, CARL, CA
[71] MERCK FROSST CANADA & CO., CA
[85] 2003-01-22
[86] 2001-07-23 (PCT/CA2001/001069)
[87] 2002-01-31 (WO2002/008186)
[30] US (60/220,683) 2000-07-25

[21] **2,416,870**
[13] A1
[51] **Int.Cl. 7C07D 213/56 7A61P 9/06 7C07D 239/26 7C07D 239/34 7A61K 31/415 7A61K 31/44 7A61K 31/505 7C07D 233/54**
[25] EN
[54] **POTASSIUM CHANNEL INHIBITORS**
[54] **INHIBITEURS DU CANAL POTASSIUM**
[72] BEAUDOIN, SERGE, US
[72] REED, AIMEE DOLORES, US
[72] GROSS, MICHAEL FRANCIS, US
[71] ICAGEN, INC., US
[85] 2003-01-22
[86] 2001-07-25 (PCT/US2001/023258)
[87] 2002-01-31 (WO2002/008191)
[30] US (60/220,515) 2000-07-25
[30] US (09/910,817) 2001-07-24

[21] **2,416,871**
[13] A1
[51] **Int.Cl. 7H02K 9/10 7H02K 47/00 7H02N 1/04 7H02K 1/16 7H05H 1/18 7H02K 21/22**
[25] EN
[54] **ELECTRODYNAMIC FIELD GENERATOR**
[54] **GENERATEUR DE CHAMP ELECTRODYNAMIQUE**
[72] TOMION MARK R., US
[71] TOMION MARK R., US
[85] 2003-01-20
[86] 2001-07-11 (PCT/US2001/022196)
[87] 2002-01-31 (WO2002/009259)
[30] US (09/621,152) 2000-07-21

[21] **2,416,872**
[13] A1
[51] **Int.Cl. 7E04H 4/16**
[25] FR
[54] **ROBOT NETTOYEUR DE PISCINE A DEPRESSION ALIMENTE EN PRESSION, ET PROCE DE**
[54] **PRESSURE-FED VACUUM SWIMMING POOL CLEANING ROBOT AND METHOD**
[72] HABIF, JACQUES-ALEXANDRE, FR
[72] IDOINE, MARC, FR
[71] HABIF, JACQUES-ALEXANDRE, FR
[71] IDOINE, MARC, FR
[85] 2003-01-21
[86] 2001-06-28 (PCT/FR2001/002068)
[87] 2002-01-31 (WO2002/008547)
[30] FR (00/09682) 2000-07-24

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[13] A1
[51] **Int.Cl. 7C07D 521/00 7A61P 25/00 7A61P 29/00 7C07D 401/04 7C07D 413/04 7A61K 31/4427 7A61K 31/465 7C07D 213/75 7C07D 213/82**
[25] EN
[54] **4-PHENYL-PYRIDINE DERIVATIVES AS NEUROKININ-1 RECEPTOR ANTAGONISTS**
[54] **DERIVES DE 4-PHENYLE-PYRIDINE UTILISES EN TANT QU'ANTAGONISTES DU RECEPTEUR DE LA NEUROKININE-1**
[72] HOFFMANN, TORSTEN, DE
[72] SCHNIDER, PATRICK, CH
[72] STADLER, HEINZ, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2003-01-22
[86] 2001-07-20 (PCT/EP2001/008432)
[87] 2002-01-31 (WO2002/008232)
[30] EP (00115846.8) 2000-07-24

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[13] A1
[51] **Int.Cl. 7C08K 5/523 7C08K 5/00 7C08L 69/00 7C07F 9/12 7C09K 21/12**
[25] EN
[54] **FLAME-RESISTANT POLYCARBONATE COMPOSITIONS**
[54] **COMPOSES DE POLYCARBONATE RETARDATEURS DE COMBUSTION**
[72] WITTMANN, DIETER, DE
[72] PEUCKER, UWE, DE
[72] JANKE, NIKOLAUS, DE
[72] SEIDEL, ANDREAS, DE
[72] ECKEL, THOMAS, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2003-01-22
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[87] 2003-01-22 (WO2002/008329)
[30] DE (100 36 057.2) 2000-07-25

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[13] A1

[51] **Int.Cl. 7C08L 77/00 7C08L 83/04**
[25] EN
[54] **THERMOPLASTIC SILICONE ELASTOMERS FROM COMPATIBILIZED POLYAMIDE RESINS**
[54] **ELASTOMERES DE SILICONE THERMOPLASTIQUES OBTENUS A PARTIR DE RESINES POLYAMIDES COMPATIBILISEES**

[72] ROMENESKO, DAVID J., US
[72] RABE, RICHARD L., US
[72] PETROFF, LENIN J., US
[72] OLDINSKI, ROBERT L., US
[72] LEE, MICHAEL K., US
[72] LEE, YONGJUN, JP
[72] CHORVATH, IGOR, US
[72] BREWER, CHRISTOPHER M., US
[72] LI, DAWEI, US
[72] NAKANISHI, KOJI, JP
[71] DOW CORNING CORPORATION, US
[85] 2003-01-22
[86] 2001-07-24 (PCT/US2001/023301)
[87] 2002-01-31 (WO2002/008335)
[30] US (09/616,625) 2000-07-26

[21] **2,416,881**
[13] A1

[51] **Int.Cl. 7C09K 5/20 7C23F 11/16**
[25] EN
[54] **AMIDE-BASED ANTIFREEZE CONCENTRATES AND COOLANT COMPOSITIONS CONTAINING THE SAME FOR PROTECTING MAGNESIUM AND MAGNESIUM ALLOYS**
[54] **CONCENTRES D'AGENTS DE PROTECTION CONTRE LE GEL A BASE D'AMIDES, ET COMPOSITIONS DE REFROIDISSEMENT LES CONTENANT, UTILISEES POUR LA PROTECTION DE MAGNESIUM ET D'ALLIAGES AU MAGNESIUM**
[72] SCHAKER, KARLHEINZ, DE
[72] WENDEROTH, BERND, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2003-01-22
[86] 2001-07-13 (PCT/EP2001/008108)
[87] 2003-01-22 (WO2002/008354)
[30] DE (100 36 031.9) 2000-07-24

[21] **2,416,883**
[13] A1

[51] **Int.Cl. 7G09F 11/18**
[25] EN
[54] **DISPLAY APPARATUS WITH OSCILLATION**
[54] **AFFICHEUR POSSEDANT UNE CARACTERISTIQUE D'OSCILLATION**
[72] JONES, DOUGLAS C., US
[72] GOOD, GREGORY L., US
[71] JONES, DOUGLAS C., US
[71] GOOD, GREGORY L., US
[85] 2003-01-20
[86] 2001-07-20 (PCT/US2001/022963)
[87] 2002-01-31 (WO2002/009076)
[30] US (09/620,920) 2000-07-21

[21] **2,416,884**
[13] A1

[51] **Int.Cl. 7F17C 13/00**
[25] EN
[54] **GAS CONDENSER**
[54] **CONDENSEUR A GAZ**
[72] HALSE, HELGE-RUBEN, NO
[71] VENTURIE AS, NO
[85] 2003-01-22
[86] 2001-07-23 (PCT/NO2001/000316)
[87] 2002-01-31 (WO2002/008659)
[30] NO (20003841) 2000-07-26

[21] **2,416,886**
[13] A1

[51] **Int.Cl. 7G01N 1/38**
[25] EN
[54] **REAGENT DELIVERY DEVICE AND METHOD OF USE**
[54] **DISPOSITIF D'ACHEMINEMENT DE REACTIFS ET PROCEDE D'UTILISATION**
[72] CHU, ALBERT E., US
[71] EY LABORATORIES, INC., US
[85] 2003-01-22
[86] 2001-07-17 (PCT/US2001/022479)
[87] 2002-01-31 (WO2002/008727)
[30] US (09/624,261) 2000-07-24

[21] **2,416,887**
[13] A1

[51] **Int.Cl. 7A61B 8/08 7A61N 5/10**
[25] EN
[54] **METHOD AND APPARATUS FOR LESION LOCALIZATION, DEFINITION AND VERIFICATION**
[54] **PROCEDE ET APPAREIL POUR LA LOCALISATION, LA DEFINITION ET LA VERIFICATION DE LESIONS**
[72] FALCO, TONY, CA
[72] HRISTOV, DIMITRE, CA
[71] FALCO, TONY, CA
[71] HRISTOV, DIMITRE, CA
[85] 2003-01-22
[86] 2001-07-31 (PCT/CA2001/001113)
[87] 2002-02-07 (WO2002/009588)
[30] CA (2,314,794) 2000-08-01

[21] **2,416,888**
[13] A1

[51] **Int.Cl. 7B01D 46/42**
[25] EN
[54] **AIR FILTER HAVING INTEGRATED SEALING ORIFICE**
[54] **FILTRE A AIR DOTE D'UN ORIFICE ETANCHE INTEGRE**
[72] REINEKING, JERRY S., US
[72] CHITTENDEN, JONATHAN R., US
[72] GERHARDT, TODD R., US
[71] KOHLER CO., US
[85] 2003-01-21
[86] 2001-06-27 (PCT/US2001/020480)
[87] 2002-01-03 (WO2002/000327)
[30] US (09/606,873) 2000-06-28

[21] **2,416,889**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **A METHOD AND SYSTEM FOR CONTENT MANAGEMENT ASSESSMENT, PLANNING AND DELIVERY**
[54] **PROCEDE ET SYSTEME POUR L'EVALUATION DE LA GESTION, LA PLANIFICATION ET LA TRANSMISSION DE CONTENUS**
[72] GERSTING, ADAM M., US
[71] ACCENTURE LLP., US
[85] 2003-01-22
[86] 2001-07-23 (PCT/US2001/023064)
[87] 2002-01-31 (WO2002/009006)
[30] US (09/626,100) 2000-07-26

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|---|--|--|
| <p style="text-align: right;">[21] 2,416,891 [13] A1</p> <p>[51] Int.Cl. 7F01P 7/14 [25] EN [54] INTAKE MANIFOLD FOR COMPACT INTERNAL COMBUSTION ENGINE [54] COLLECTEUR D'ADMISSION POUR MOTEUR A COMBUSTION INTERNE COMPACT [72] COFFEY, ANTHONY L., US [72] THIEL, TIMOTHY S., US [71] KOHLER CO., US [85] 2003-01-21 [86] 2001-06-27 (PCT/US2001/020492) [87] 2002-01-03 (WO2002/001051) [30] US (09/607,192) 2000-06-28</p> | <p style="text-align: right;">[21] 2,416,894 [13] A1</p> <p>[51] Int.Cl. 7C08F 10/14 7C10M 143/08 7C08F 4/642 [25] EN [54] PROCESS FOR PRODUCING LIQUID POLYALPHAOLEFIN POLYMER, METALLOCENE CATALYST THEREFOR AND LUBRICANTS CONTAINING THE SAME [54] PROCEDE DE PRODUCTION D'UN POLYMERE POLYALPHAOLEFINE LIQUIDE, CATALYSEUR METALLOCENE UTILISE, POLYMERE AINSI OBTENU ET LUBRIFIANT LE CONTENANT [72] BARANSKI, JOHN R., US [72] BLUDWORTH, JOHN G., US [72] GILLIS, DANIEL J., US [72] DIMAIO, ANTHONY J., US [71] UNIROYAL CHEMICAL COMPANY, INC., US [85] 2003-01-21 [86] 2001-08-08 (PCT/US2001/024815) [87] 2002-02-21 (WO2002/014384) [30] US (09/637,791) 2000-08-11</p> | <p style="text-align: right;">[21] 2,416,900 [13] A1</p> <p>[51] Int.Cl. 7A61P 3/06 7A61K 31/16 7A61K 31/21 7A61K 31/337 7A61K 31/365 [25] EN [54] NEW USE OF LIPASE INHIBITORS [54] NOUVELLE APPLICATION D'INHIBITEURS DE LIPASE [72] HADVARY, PAUL, CH [72] STEFFEN, HANS, CH [72] LENGSELD, HANS, CH [71] F. HOFFMANN-LA ROCHE AG, CH [85] 2003-01-21 [86] 2001-07-19 (PCT/EP2001/008353) [87] 2002-02-07 (WO2002/009814) [30] EP (00116392.2) 2000-07-28</p> |
| <p style="text-align: right;">[21] 2,416,892 [13] A1</p> <p>[51] Int.Cl. 7H01M 8/02 7H01B 1/24 7H01M 4/96 [25] FR [54] MATERIAU COMPOSITE CONDUCTEUR ET ELECTRODE POUR PILE A COMBUSTIBLE UTILISANT CE MATERIAU MIS EN FORME PAR THERMO-COMPRESSION [54] CONDUCTIVE COMPOSITE MATERIAL AND ELECTRODE FOR FUEL CELL USING SAID MATERIAL FORMED BY THERMO-COMPRESSION [72] BAURENS, PIERRE, FR [72] BOURGEOISAT, ERIC, FR [72] SALAS, JEAN-FELIX, FR [72] JOUSSE, FRANCK, FR [71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR [85] 2003-01-22 [86] 2001-07-23 (PCT/FR2001/002392) [87] 2002-01-31 (WO2002/009219) [30] FR (00/09666) 2000-07-24</p> | <p style="text-align: right;">[21] 2,416,899 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/352 7A61P 11/00 7A61P 31/04 7A61K 45/06 7A61P 11/06 7A61P 31/12 7A61P 31/16 7A61K 31/353 7A61K 31/7048 [25] EN [54] METHOD OF TREATING SYMPTOMS OF COMMON COLD, ALLERGIC RHINITIS AND INFECTIONS RELATING TO THE RESPIRATORY TRACT [54] PROCEDE POUR TRAITER LES SYMPTOMES DU RHUME, LA RHINITE ALLERGIQUE ET LES INFECTIONS LIEES AUX VOIES RESPIRATOIRES [72] BERG, KURT FRIMANN, DK [71] IMMUPHARM APS, DK [85] 2003-01-21 [86] 2001-07-23 (PCT/DK2001/000515) [87] 2002-02-07 (WO2002/009699) [30] DK (PA 2000 01152) 2000-07-28 [30] DK (PA 2000 01316) 2000-09-04 [30] DK (PA 2000 01935) 2000-12-23 [30] DK (PA 2001 00007) 2001-01-03 [30] DK (PA 2001 00827) 2001-05-22</p> | <p style="text-align: right;">[21] 2,416,901 [13] A1</p> <p>[51] Int.Cl. 7A61P 3/06 7A61K 31/16 7A61K 31/21 7A61K 31/337 7A61K 31/365 [25] EN [54] NEW PHARMACEUTICAL COMPOSITION [54] NOUVELLE COMPOSITION PHARMACEUTIQUE [72] HADVARY, PAUL, CH [72] BARBIER, PIERRE, FR [72] LENGSELD, HANS, CH [71] F. HOFFMANN-LA ROCHE AG, CH [85] 2003-01-21 [86] 2001-07-19 (PCT/EP2001/008363) [87] 2002-02-07 (WO2002/009815) [30] EP (00116393.0) 2000-07-28</p> |
| | | <p style="text-align: right;">[21] 2,416,903 [13] A1</p> <p>[51] Int.Cl. 7H04B 7/005 [25] EN [54] METHOD AND SYSTEM FOR POWER CONTROL IN MOBILE RADIO SYSTEMS [54] PROCEDE ET SYSTEME DE COMMANDE DE LA PUISSANCE DANS DES SYSTEMES DE RADIOCOMMUNICATION [72] DE BENEDITTIS, ROSSELLA, IT [71] SIEMENS MOBILE COMMUNICATIONS S.P.A., IT [85] 2003-01-21 [86] 2001-07-20 (PCT/EP2001/008431) [87] 2002-02-07 (WO2002/011313) [30] IT (MI2000A001748) 2000-07-28</p> |

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[21] **2,416,904**
[13] A1

[51] **Int.Cl. 7A23G 9/02 7A23G 9/04**
[25] EN
[54] **METHOD FOR PREPARING FROZEN FOOD PRODUCTS COMPRISING A GELLED AQUEOUS PHASE**
[54] **PROCEDE DE PREPARATION DE PRODUITS ALIMENTAIRES CONGELES COMPRENANT UNE PHASE AQUEUSE GELIFIEE**
[72] BACCUS, MARC, FR
[72] ROUSSEL, SONIA, FR
[72] ZUGMEYER, PHILIPPE, FR
[72] HOVORKA, MARTIN, CZ
[71] MARS, INCORPORATED, US
[85] 2003-01-21
[86] 2001-07-27 (PCT/FR2001/002473)
[87] 2002-02-07 (WO2002/009531)
[30] FR (00/09848) 2000-07-27

[21] **2,416,907**
[13] A1

[51] **Int.Cl. 7A61K 7/00**
[25] EN
[54] **RESHAPABLE HAIR STYLING COMPOSITION COMPRISING ACRYLIC EMULSIONS**
[54] **COMPOSITION DE COIFFAGE REMODELABLE COMPORTANT DES EMULSIONS ACRYLIQUES**
[72] ROLLAT-CORVOL, ISABELLE, FR
[72] SAMAIN, HENRI, FR
[71] L'OREAL, FR
[85] 2003-01-21
[86] 2001-07-12 (PCT/IB2001/001568)
[87] 2002-02-07 (WO2002/009656)
[30] US (09/627,055) 2000-07-27

[21] **2,416,909**
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **METHOD, SYSTEM AND DATA STRUCTURES FOR IMPLEMENTING NESTED DATABASES**
[54] **PROCEDE, SYSTEME ET STRUCTURES DE DONNEES PERMETTANT DE METTRE EN OEUVRE DES BASES DE DONNEES IMBRIQUEES**
[72] ANFINDSEN, OLE JORGEN, NO
[71] XYMPHONIC SYSTEMS AS, NO
[85] 2003-01-21
[86] 2001-07-16 (PCT/NO2001/000304)
[87] 2002-02-07 (WO2002/010978)
[30] US (09/628,728) 2000-07-28

[21] **2,416,910**
[13] A1

[51] **Int.Cl. 7B29C 43/36 7C08J 5/04**
[25] EN
[54] **STEPPED PUNCH FOR FORMING HOLES IN MOLDED WOOD STRAND PARTS**
[54] **POINCON A PALIERS POUR FORMER DES TROUS DANS DES PIECES DE COPEAUX MOULES**
[72] HAATAJA, BRUCE A., US
[71] STRANDWOOD MOLDING, INC., US
[85] 2003-01-21
[86] 2000-07-31 (PCT/US2000/020880)
[87] 2002-02-07 (WO2002/009921)

[21] **2,416,911**
[13] A1

[51] **Int.Cl. 7H01B 1/24 7B32B 15/00 7B29C 70/00 7C08K 7/00 7B29C 70/06 7B29C 70/08 7B23K 26/18 7H01B 1/20 7B23K 26/20 7H01B 1/22**
[25] EN
[54] **USING LASER ETCHING TO IMPROVE SURFACE CONTACT RESISTANCE OF CONDUCTIVE FIBER FILLER POLYMER COMPOSITES**
[54] **GRAVURE LASER DESTINEE A AMELIORER LA RESISTANCE DE CONTACT SUPERFICIELLE DE COMPOSITES POLYMERES A AME EN FIBRE OPTIQUE**
[72] PENG, HONG, US
[72] LICHTENSTEIN, PARKER R., US
[71] PARKER-HANNIFIN CORPORATION, US
[85] 2003-01-21
[86] 2001-08-21 (PCT/US2001/026046)
[87] 2002-03-07 (WO2002/019346)
[30] US (09/651,353) 2000-08-30

[21] **2,416,912**
[13] A1

[51] **Int.Cl. 7E05F 15/00**
[25] EN
[54] **VEHICLE CLOSURE ANTI-PINCH ASSEMBLY HAVING A NON-CONTACT SENSOR**
[54] **ENSEMBLE ANTI-PINCEMENT DE FERMETURE DE VEHICULE POSSEDANT UN CAPTEUR SANS CONTACT**
[72] DANIELS, ANDREW R., CA
[72] PRIBISIC, MIRKO, CA
[72] FROMMER, THOMAS P., CA
[71] ATOMA INTERNATIONAL CORP., CA
[85] 2003-01-21
[86] 2001-08-03 (PCT/CA2001/001122)
[87] 2002-02-14 (WO2002/012669)
[30] US (60/223,106) 2000-08-03

[21] **2,416,913**
[13] A1

[51] **Int.Cl. 7B65D 75/56 7B65D 71/00**
[25] EN
[54] **LARGE BALE MADE FROM INSULATING MATERIAL PRODUCTS, ESPECIALLY MINERAL WOOL PRODUCTS IN THE FORM OF SLABS OR ROLLS**
[54] **PAQUET DE GRANDE TAILLE REGROUPANT DES PRODUITS EN MATERIAU ISOLANT, NOTAMMENT DES PRODUITS EN LAINE MINERALE SOUS FORME DE PLAQUES OU DE ROULEAUX**
[72] TRAPPMANN, JURGEN, DE
[72] BECKER, MICHAEL, DE
[72] ARMBRUST, MANFRED, DE
[72] KELLER, CLEMENS, DE
[72] BIHY, LOTHAR, DE
[71] SAINT-GOBAIN ISOVER, FR
[85] 2003-01-21
[86] 2001-07-30 (PCT/EP2001/008802)
[87] 2002-02-21 (WO2002/014177)
[30] DE (100 39 409.4) 2000-08-11

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[21] **2,416,914**
[13] A1

[51] **Int.Cl. 7B29C 47/12 7B29C 47/06 7B29C 33/34 7B29C 33/42**
[25] EN
[54] **MOLDING APPARATUS WITH RECIPROCATING MOLD TUNNEL CAPABLE OF FORMING DIFFERENT PRODUCTS SHAPES**
[54] **APPAREIL DE MOULAGE DOTE D'UN TUNNEL DE MOULAGE A MOUVEMENT ALTERNATIF ET CAPABLE DE PRODUIRE DIFFERENTES FORMES D'ARTICLES**
[72] LUPKE, MANFRED A. A., CA
[72] LUPKE, STEFAN A., CA
[71] LUPKE, MANFRED A. A., CA
[71] LUPKE, STEFAN A., CA
[85] 2003-01-21
[86] 2001-09-11 (PCT/CA2001/001266)
[87] 2002-03-14 (WO2002/020235)
[30] US (09/659,533) 2000-09-11

[21] **2,416,915**
[13] A1

[51] **Int.Cl. 7B29C 44/12 7B29C 70/02 7B32B 5/18 7B32B 5/26**
[25] EN
[54] **REINFORCING MATERIAL COMPRISING VOLUMIZED FIBERS AND METHOD FOR PRODUCING SAID MATERIAL**
[54] **MATERIAU DE RENFORCEMENT CONTENANT DES FIBRES VOLUMISEES ET PROCEDE DE FABRICATION**
[72] KOLZER, KLAUS KURT, DE
[71] KOLZER, KLAUS KURT, DE
[85] 2003-01-21
[86] 2002-03-12 (PCT/EP2002/002692)
[87] 2002-10-03 (WO2002/076701)
[30] DE (101 14 708.2) 2001-03-26

[21] **2,416,916**
[13] A1

[51] **Int.Cl. 7H04R 25/00**
[25] EN
[54] **WIRELESS TRANSMITTER AND HEARING SYSTEM**
[54] **EMETTEUR SANS FIL ET SYSTEME D'ECOUTE**
[72] GERBER, LOUIS, CH
[72] MARQUIS, FRANCOIS, CH
[71] PHONAK AG, CH
[85] 2003-01-21
[86] 2001-08-27 (PCT/CH2001/000521)
[87] 2001-11-29 (WO2001/091516)

[21] **2,416,917**
[13] A1

[51] **Int.Cl. 7C01G 53/04 7C01D 5/00 7C02F 1/22**
[25] EN
[54] **PROCESS FOR REMOVING SODIUM SULFATE FROM NICKEL HYDROXIDE EFFLUENT STREAMS**
[54] **PROCEDE D'ELIMINATION DE SULFATE DE SODIUM DANS DES EFFLUENTS D'HYDROXYDE DE NICKEL**
[72] ZOU, FENG, CA
[72] BABJAK, JURAJ, CA
[71] INCO LIMITED, CA
[85] 2003-01-21
[86] 2002-04-18 (PCT/CA2002/000536)
[87] 2003-01-09 (WO2003/002460)
[30] US (09/896,806) 2001-06-29

[21] **2,416,918**
[13] A1

[51] **Int.Cl. 7A61N 1/04 7A61N 1/32**
[25] EN
[54] **PULSE HEALTH INSTRUMENT**
[54] **INSTRUMENT MEDICAL A IMPULSIONS**
[72] YAMAZAKI, KIMIYO, JP
[72] YAMAZAKI, AKITSUGU, JP
[72] YAMAZAKI, IWAO, JP
[71] YA-MAN LTD., JP
[85] 2003-01-21
[86] 2001-11-08 (PCT/JP2001/009776)
[87] 2002-12-05 (WO2002/096510)
[30] JP (2001-159179) 2001-05-28

[21] **2,416,919**
[13] A1

[51] **Int.Cl. 7F23N 5/24 7F23K 5/14 7F23N 5/20**
[25] EN
[54] **PUMP PURGE FOR OIL PRIMARY**
[54] **PURGE DE POMPE A MAZOUT**
[72] SIMONS, RICHARD W., US
[72] TROOST, HENRY E. IV, US
[72] MELCHER, AMY L., US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2003-01-21
[86] 2001-07-20 (PCT/US2001/022848)
[87] 2002-01-31 (WO2002/008668)
[30] US (09/621,257) 2000-07-21

[21] **2,416,920**
[13] A1

[51] **Int.Cl. 7F23N 5/20**
[25] EN
[54] **LIMITED RECYCLE FOR PRIMARY CONTROLS**
[54] **REENCLENCEMENTS LIMITES POUR ORGANES DE COMMANDE PRIMAIRE**
[72] SIMONS, RICHARD, US
[72] MELCHER, AMY, US
[72] TROOST, HENRY E. IV, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2003-01-21
[86] 2001-07-20 (PCT/US2001/022880)
[87] 2002-01-31 (WO2002/008667)
[30] US (09/621,259) 2000-07-21

[21] **2,416,921**
[13] A1

[51] **Int.Cl. 7G01V 3/00**
[25] EN
[54] **SIDE-LOOKING NMR PROBE FOR OIL WELL LOGGING**
[54] **SONDE DE RESONANCE MAGNETIQUE NUCLEAIRE A ORIENTATION LATERALE DESTINEE A LA DIAGNAPHIE DE Puits DE PETROLE**
[72] BEARD, DAVID, US
[72] REIDERMAN, ARCADY, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2003-01-21
[86] 2001-07-19 (PCT/US2001/022917)
[87] 2002-02-07 (WO2002/010799)
[30] US (60/221,078) 2000-07-27
[30] US (09/677,359) 2000-10-02

[21] **2,416,923**
[13] A1

[51] **Int.Cl. 7A24C 5/34 7G01N 22/02**
[25] EN
[54] **METHOD AND DEVICE FOR DETECTING FOREIGN BODIES IN CIGARETTES**
[54] **PROCEDE ET DISPOSITIF POUR LA DETECTION ET LA SELECTION DE CORPS ETRANGERS DANS DES CIGARETTES**
[72] DEMMER, UDO, DE
[72] HAUSEN, VOLKER, DE
[71] REEMTSMA CIGARETTENFABRIKEN GMBH, DE
[85] 2003-01-29
[86] 2001-07-18 (PCT/EP2001/008313)
[87] 2003-01-29 (WO2002/009539)
[30] DE (100 37 180.9) 2000-07-31

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| <p style="text-align: right;">[21] 2,416,926 [13] A1</p> <p>[51] Int.Cl. 7G10L 21/02 [25] EN [54] METHOD AND APPARATUS FOR REMOVING NOISE FROM SPEECH SIGNALS [54] PROCEDE ET DISPOSITIF DE SUPPRESSION DU BRUIT DANS DES SIGNAUX ELECTRONIQUES [72] BURNETT, GREGORY C., US [72] BREITFELLER, ERIC F., US [71] ALIPHCOM, US [85] 2003-01-20 [86] 2001-07-17 (PCT/US2001/022490) [87] 2002-01-24 (WO2002/007151) [30] US (60/219,297) 2000-07-19 [30] US (09/905,361) 2001-07-12</p> | <p style="text-align: right;">[21] 2,416,931 [13] A1</p> <p>[51] Int.Cl. 7A61F 7/00 [25] EN [54] METHOD AND SYSTEM FOR CONTROL OF A PATIENT'S BODY TEMPERATURE BY WAY OF A TRANSLUMINALLY INSERTABLE HEAT EXCHANGER CATHETER [54] PROCEDE ET SYSTEME DE CONTROLE DE LA TEMPERATURE CORPORELLE D'UN PATIENT AU MOYEN D'UN CATHETER D'ECHANGE THERMIQUE INSERE PAR VOIE TRANSLUMINALE [72] MACHOLD, TIMOTHY R., US [72] BLOOM, NICOLE DENISE, US [72] KELLER, WADE A., US [72] ROTH, ALEX T., US [71] RADIANT MEDICAL, INC., US [85] 2003-01-20 [86] 2001-07-20 (PCT/US2001/023009) [87] 2002-01-31 (WO2002/007793) [30] US (60/219,922) 2000-07-21 [30] US (09/707,257) 2000-11-06</p> | <p style="text-align: right;">[21] 2,416,944 [13] A1</p> <p>[51] Int.Cl. 7A47L 1/02 [25] EN [54] AUTOMATED WASHING APPARATUS FOR WINDOWPANES [54] APPAREIL DE LAVAGE AUTOMATIQUE POUR VITRES [72] BUTINDARI, SALVATORE, IT [71] BUTINDARI, SALVATORE, IT [85] 2003-01-27 [86] 2001-07-25 (PCT/IT2001/000404) [87] 2002-02-07 (WO2002/009568) [30] IT (TO2000A000748) 2000-07-28</p> |
| <p style="text-align: right;">[21] 2,416,927 [13] A1</p> <p>[51] Int.Cl. 7A23L 2/52 [25] EN [54] NOVEL COMPOSITION & USE [54] NOUVELLE COMPOSITION & SON UTILISATION [72] PARKER, DAVID MYATT, GB [72] ROEDIG-PENMAN, ANDREA, GB [71] SMITHKLINE BEECHAM PLC, GB [85] 2003-01-29 [86] 2001-07-26 (PCT/EP2001/008638) [87] 2002-02-07 (WO2002/009537) [30] GB (0018849.0) 2000-08-01</p> | <p style="text-align: right;">[21] 2,416,934 [13] A1</p> <p>[51] Int.Cl. 7A01N 25/24 7A01N 53/00 7A01N 65/00 7A01N 47/04 7A01N 37/06 7A01N 37/32 7A01N 47/38 7A01N 43/76 [25] FR [54] COMPOSITION FONGICIDE COMPRENANT NOTAMMENT UNE HUILE D'ORIGINE VEGETALE A POUVOIR SICCATIF ELEVE [54] FUNGICIDAL COMPOSITION COMPRISING IN PARTICULAR AN OIL OF VEGETABLE ORIGIN WITH HIGH DRYING POWER [72] MARTINON, ISABELLE, FR [72] DUVERT, PATRICE, FR [72] BUIRET, CORINNE, FR [71] BAYER CROPS SCIENCE S.A., FR [85] 2003-01-27 [86] 2001-07-19 (PCT/FR2001/002346) [87] 2002-02-07 (WO2002/009517) [30] FR (00/09898) 2000-07-28</p> | <p style="text-align: right;">[21] 2,416,949 [13] A1</p> <p>[51] Int.Cl. 7A01K 67/027 7C12N 5/00 7C12N 15/00 7G01N 33/15 7G01N 33/50 [25] EN [54] NONHUMAN ANIMAL MODELS NON-RESPONSIVE TO MYCOPLASMA-ORIGIN LIPOPROTEIN/LIPOPEPTIDE [54] MODELES D'ANIMAUX NON HUMAINS QUI NE REAGISSENT PAS A LA LIPOPROTEINE OU AU LIPOPEPTIDE ISSUS DE MYCOPLASMA [72] AKIRA, SHIZUO, JP [72] TAKEUCHI, OSAMU, JP [71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP [85] 2003-01-29 [86] 2001-07-31 (PCT/JP2001/006555) [87] 2003-01-29 (WO2002/009508) [30] JP (2000-232451) 2000-07-31</p> |
| <p style="text-align: right;">[21] 2,416,928 [13] A1</p> <p>[51] Int.Cl. 7H04J 1/00 7H04Q 11/04 7H04L 12/56 [25] EN [54] PRIORITY PACKET TRANSMISSION METHOD AND SYSTEM FOR MULTIMEDIA IN A SHARED [54] SYSTEME DE TRANSMISSION PRIORITAIRE DE PAQUETS DE DONNEES DE TELEPHONIE SENSIBLES AU RETARD [72] BASIL, ROBERT P., US [72] TERRY, JOHN B. (DECEASED), US [71] COAXMEDIA, INC, US [85] 2003-01-20 [86] 2001-07-20 (PCT/US2001/023007) [87] 2002-01-31 (WO2002/009392) [30] US (60/219,886) 2000-07-21 [30] US (09/908,754) 2001-07-19</p> | <p style="text-align: right;">[21] 2,416,954 [13] A1</p> <p>[51] Int.Cl. 7A01N 59/00 7A01N 31/02 7A01N 25/04 7A01N 25/22 7A01N 37/36 [25] EN [54] METHOD OF PREPARING A BIOCIDAL CONCENTRATE [54] PROCEDE DE PREPARATION D'UN CONCENTRE DE COMPOSE ET TRAITEMENT D'UN TEL CONCENTRE [72] RUITER, DAVID, NL [71] UNIPROX B.V., NL [85] 2003-01-30 [86] 2001-07-30 (PCT/NL2001/000584) [87] 2002-02-07 (WO2002/009521) [30] NL (1015856) 2000-08-02</p> | |

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[21] **2,416,965**
[13] A1
[51] **Int.Cl. 7G04B 47/00 7G04F 8/00 7G04F 10/00**
[25] EN
[54] **FLIGHT WATCH WITH MULTIPLE TIMERS AND ALARMS**
[54] **CHRONOMETRE DE VOL AVEC AFFICHAGES ET ALARMES MULTIPLES**
[72] REISMAN, JOHN, US
[71] REISMAN, JOHN, US
[85] 2003-01-23
[86] 2000-07-27 (PCT/US2000/020307)
[87] 2002-02-07 (WO2002/009490)

[21] **2,416,968**
[13] A1
[51] **Int.Cl. 7A61B 8/08**
[25] EN
[54] **ULTRASOUND IMAGING SYSTEM AND METHOD FOR IMPLANTABLE AND INVASIVE DEVICES**
[54] **SYSTEME D'IMAGERIE PAR ULTRASONS ET TECHNIQUE RELATIVE POUR DISPOSITIFS IMPLANTABLES ET INFRACTIFS**
[72] BRENNEN, KENNETH R., US
[71] MEDTRONIC, INC., US
[85] 2003-01-31
[86] 2001-07-02 (PCT/US2001/020938)
[87] 2002-02-07 (WO2002/009587)
[30] US (09/631,136) 2000-08-02

[21] **2,416,978**
[13] A1
[51] **Int.Cl. 7A61K 31/53 7A61P 35/00 7A61P 35/02 7A61K 45/06 7A61K 9/127**
[25] EN
[54] **USE OF AN ALDEHYDE 5-OXO-1,2,4-TRIAZINE HYDRAZIDE FOR THE TREATMENT OF CANCER**
[54] **TRAITEMENT DU CANCER**
[72] CAMDEN, JAMES BERGER, US
[72] DABEK, ROSE ANN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-01-20
[86] 2001-07-25 (PCT/US2001/023427)
[87] 2002-02-07 (WO2002/009716)
[30] US (09/627,611) 2000-07-28

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[13] A1
[51] **Int.Cl. 7A47J 31/00**
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[54] **ENTONNOIR A DIRECTIONS MULTIPLES ET APPAREIL DE PREPARATION DE BOISSONS**
[72] FORD, DAVID F., US
[71] BUNN-O-MATIC CORPORATION, US
[85] 2003-01-30
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[87] 2002-02-07 (WO2002/009562)
[30] US (09/629,560) 2000-07-31
[30] US (09/643,047) 2000-08-21

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[13] A1
[51] **Int.Cl. 7B29B 9/08**
[25] EN
[54] **METHOD OF AND APPARATUS FOR DEWATERING AND PELLETIZING PARTICULATE FUEL**
[54] **PROCEDE ET DISPOSITIF DE DESHYDRATATION ET DE PELLETISATION DE COMBUSTIBLE PARTICULAIRE**
[72] AKERS, DAVID J., US
[72] ZALMAN, ZITRON, US
[72] PARKINSON, JAMES W., US
[71] ZALMAN, ZITRON, US
[85] 2003-01-23
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[87] 2002-01-31 (WO2002/007941)
[30] US (09/624,346) 2000-07-24

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[13] A1
[51] **Int.Cl. 7H01M 2/14 7H01M 2/16**
[25] EN
[54] **MICROCAPILLARY BATTERY SEPARATOR INCLUDING HOLLOW FIBERS, AND STORAGE BATTERY INCORPORATING SAME**
[54] **SEPARATEUR DE BATTERIE MICROCAPILLAIRE COMPRENANT DES FIBRES CREUSES ET BATTERIE DE STOCKAGE COMPRENANT CE SEPARATEUR**
[72] BAUSE, DANIEL E., US
[72] ROHRBACH, RONALD, US
[72] JONES, GORDON W., US
[72] XUE, LIXIN, US
[72] MACFADDEN, KENNETH O., US
[72] UNGER, PETER D., US
[71] HONEYWELL INTERNATIONAL INC., US
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[51] **Int.Cl. 7C07C 311/13 7C07C 227/04 7C07C 229/38 7C07C 303/38 7C07C 303/40 7C07C 311/42 7C07D 239/52**
[25] EN
[54] **SUBSTITUTED SULFONYL AMINOMETHYL BENZOIC ACID (DERIVATIVES) AND METHOD FOR THE PRODUCTION THEREOF**
[54] **ACIDE SULFONYLAMINOMETHYLBENZOIQUE ET DERIVES, ET PROCEDE DE FABRICATION**
[72] WILLMS, LOTHAR, DE
[72] LORENZ, KLAUS, DE
[72] RESSEL, HANS-JOACHIM, DE
[71] BAYER CROPSCIENCE GMBH, DE
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| <p style="text-align: right;">[21] 2,417,000 [13] A1</p> <p>[51] Int.Cl. 7C07D 305/00 7C07D 307/00 7C07D 327/00 7C07D 409/00 [25] EN [54] HYPERPOLARIZABLE ORGANIC CHROMOPHORES [54] CHROMOPHORES ORGANIQUES HYPERPOLARISABLES [72] HUANG, DIYUN, US [72] CASMIER, DANIEL, US [72] CARLSON, WILLIAM BRENDEN, US [72] JEN, KWAN-YUE, US [72] LONDERGAN, TIMOTHY, US [72] BUKER, NICHOLAS, US [72] DALTON, LARRY R., US [72] PHELAN, GREGORY, US [72] EWY, TODD, US [71] UNIVERSITY OF WASHINGTON, US [85] 2003-01-23 [86] 2001-07-24 (PCT/US2001/023339) [87] 2002-01-31 (WO2002/008215) [30] US (60/220,321) 2000-07-24</p> | <p style="text-align: right;">[21] 2,417,005 [13] A1</p> <p>[51] Int.Cl. 7A61K 45/00 7A61P 19/02 7A61P 3/04 7A61P 3/06 [25] EN [54] REGULATORS OF PPAR.DELTA.(BETA.) AND THEIR USE IN THE TREATMENT OF OBESITY AND INSULIN RESISTANCE [54] REGULATIONS DE PPAR\$G(D)(\$G(B)) ET LEUR UTILISATION EN VUE DE TRAITER L'OBESITE ET LA RESISTANCE A L'INSULINE [72] HARIHARAN, NARAYANAN, US [71] BRISTOL-MYERS SQUIBB COMPANY, US [85] 2003-01-17 [86] 2001-07-19 (PCT/US2001/022819) [87] 2002-01-31 (WO2002/007765) [30] US (60/219,956) 2000-07-20</p> | <p style="text-align: right;">[21] 2,417,008 [13] A1</p> <p>[51] Int.Cl. 7A61F 11/04 7A61N 1/36 [25] EN [54] CONFIGURATION OF IMPLANTED DEVICES [54] SYSTEME POUR DISPOSITIFS IMPLANTES [72] DALY, CHRISTOPHER NEWTON, AU [71] COCHLEAR LIMITED, AU [85] 2003-01-23 [86] 2001-07-06 (PCT/AU2001/000811) [87] 2003-01-16 (WO2003/003956)</p> |
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[54] **PREFABRICATED TILED PANEL SYSTEM**
[54] **ENSEMBLE PANNEAUX A CARREAUX PREFABRIQUES**
[72] WEINSTEIN, ALBERT I., US
[71] WEINSTEIN, ALBERT I., US
[85] 2003-01-23
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[13] A1
[51] **Int.Cl. 7A61L 27/28 7A61L 27/06 7A61L 27/50**
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[54] **IMPLANTS A SURFACE MODIFIEE**
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[72] STEINEMANN, SAMUEL G., CH
[71] INSTITUT STRAUMANN AG, CH
[85] 2003-01-23
[86] 2001-07-24 (PCT/CH2001/000456)
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[30] CH (1481/00) 2000-07-26

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[51] **Int.Cl. 7B02C 13/14**
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[54] **ROTOR DE BROYEUR**
[72] AIHARA, SHUICHI, JP
[72] KAYA, TAKATO, JP
[71] METSO MINERALS (MATAMATA) LIMITED, NZ
[85] 2003-01-21
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[30] JP (2000-245045) 2000-08-11

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[13] A1
[51] **Int.Cl. 7G06F 13/10**
[25] EN
[54] **UNIVERSAL SERIAL BUS ADAPTER WITH AUTOMATIC INSTALLATION**
[54] **ADAPTATEUR DE BUS SERIEL UNIVERSEL A INSTALLATION AUTOMATIQUE**
[72] GOODMAN, DAVID D., US
[71] CAIS, INC., US
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[86] 2000-07-26 (PCT/US2000/020180)
[87] 2001-02-01 (WO2001/007984)
[30] US (60/145,836) 1999-07-27

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[13] A1
[51] **Int.Cl. 7F04C 18/16 7F04C 18/08**
[25] EN
[54] **TWIN SCREW ROTORS AND DISPLACEMENT MACHINES CONTAINING THE SAME**
[54] **ROTORS A VIS JUMELLES ET MACHINES VOLUMETRIQUES LES CONTENANT**
[72] BECHER, ULRICH, CH
[71] ATELIERS BUSCH S.A., CH
[85] 2003-01-23
[86] 2001-07-06 (PCT/CH2001/000421)
[87] 2002-01-31 (WO2002/008609)
[30] CH (1472/00) 2000-07-25

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[51] **Int.Cl. 7C07D 235/26 7C07D 471/04 7C07D 471/10 7C07D 401/12 7C07D 403/12 7C07D 405/12 7C07D 401/14 7A61P 25/22 7A61K 31/4184 7A61K 31/437 7A61K 31/438 7A61K 31/4439 7A61K 31/454 7A61K 31/506**
[25] EN
[54] **NEW BENZIMIDAZOLONE DERIVATIVES DISPLAYING AFFINITY AT THE SEROTONIN AND DOPAMINE RECEPTORS**
[54] **NOUVEAUX DERIVES DE BENZIMIDAZOLONE PRESENTANT UNE AFFINITE POUR LES RECEPTEURS DE SEROTONINE ET DE DOPAMINE**
[72] CEREDA, ENZO, IT
[72] GIRALDO, ETTORE, IT
[72] BRAMBILLA, ALESSANDRO, IT
[72] MAIOCCHI, LUCIANO, IT
[72] SCHIAVI, GIOVANNI BATTISTA, IT
[71] BOEHRINGER INGELHEIM PHARMA KG, DE
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[87] 2002-03-28 (WO2002/024662)
[30] EP (00830625.0) 2000-09-19

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[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD AND SYSTEM TO DELIVER INTERNET WEB PAGE ADVERTISING VIA HTTP RESPONSE CODES IN 3XX RANGE**
[54] **PROCEDE ET SYSTEME D'AFFICHAGE D'ANNONCES PUBLICITAIRES SUR DES PAGES WEB PAR CODES DE REPOSE HTTP 3XX**
[72] PURPLE, LANCE JEFFERY, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
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[86] 2001-08-24 (PCT/GB2001/003830)
[87] 2002-03-07 (WO2002/019183)
[30] US (09/653,244) 2000-08-31

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[13] A1
[51] **Int.Cl. 7A61M 27/00 7A61B 5/03**
[25] EN
[54] **A VENTRICLE DRAIN**
[54] **DRAIN POUR VENTRICULE**
[72] BORGESEN, SVEND ERIK, DK
[71] CSF DYNAMICS A/S, DK
[85] 2003-01-24
[86] 2001-07-25 (PCT/DK2001/000517)
[87] 2002-01-31 (WO2002/007811)
[30] DK (PA 2000 01134) 2000-07-25
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[30] DK (PA 2000 01824) 2000-12-05
[30] US (60/251,007) 2000-12-05

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[13] A1
[51] **Int.Cl. 7C12P 7/02 7C12P 13/00**
[25] EN
[54] **STEREOSELECTIVE REDUCTION OF SUBSTITUTED OXO-BUTANES**
[54] **REDUCTION STEREOSELECTIVE D'OXO-BUTANES SUBSTITUES**
[72] CHU, LINDA, US
[72] PATEL, RAMESH N., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2003-01-22
[86] 2001-07-20 (PCT/US2001/023113)
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[30] US (60/225,695) 2000-08-16
[30] US (60/277,531) 2001-03-21

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[13] A1
[51] **Int.Cl. 7G01N 33/53 7G01N 33/566 7G01N 33/577**
[25] EN
[54] **METHODS AND MOLECULES USEFUL FOR IDENTIFYING MOLECULES THAT BIND LFA-1 AND FOR DETERMINING RECEPTOR OCCUPANCY**
[54] **PROCEDES ET MOLECULES POUR IDENTIFIER DES MOLECULES LIANT LA LFA-1 ET POUR DETERMINER L'OCCUPATION DU RECEPTEUR**
[72] KISHIMOTO, TAKASHI, US
[72] CAVINESS, GARY O., US
[72] LEMIEUX, RENE M., US
[72] ROTHLEIN, ROBERT, US
[72] REISER, HANS C., US
[72] WOSKA, JOSEPH R., US
[72] MAGOLDA, RONALD L., US
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[30] US (60/225,327) 2000-08-14

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[13] A1
[51] **Int.Cl. 7A61K 9/00**
[25] EN
[54] **PALATABLE ORAL COENZYME Q LIQUID**
[54] **COENZYME Q SOUS FORME LIQUIDE A ADMINISTRATION ORALE ET DE GOUT AGREABLE**
[72] CHOPRA, RAJ K., US
[71] CHOPRA, RAJ K., US
[85] 2003-01-22
[86] 2001-08-17 (PCT/US2001/025755)
[87] 2002-03-07 (WO2002/017879)
[30] US (09/650,487) 2000-08-29

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[13] A1
[51] **Int.Cl. 7B65B 39/00 7B67C 11/04**
[25] EN
[54] **VERSATILE POURING SYSTEM INCLUDING A FUNNEL AND SPOUTS**
[54] **SYSTEME D'ARROSAGE SOUPLE COMPRENANT UN ENTONNOIR ET DES ROBINETS**
[72] INGRAM, VICKI, US
[71] HOPKINS MANUFACTURING CORPORATION, US
[85] 2003-01-31
[86] 2002-02-06 (PCT/US2002/003892)
[87] 2002-10-31 (WO2002/085709)
[30] US (09/837,089) 2001-04-18

[21] **2,417,096**
[13] A1
[51] **Int.Cl. 7C02F 1/461 7C02F 1/46**
[25] EN
[54] **WATER TREATMENT DEVICE**
[54] **DISPOSITIF DE TRAITEMENT DE L'EAU**
[72] SAUTTER, MICHAEL, DE
[72] SAUTTER, HANS, DE
[72] ENDE, DIETMAR, DE
[71] PERMA-TRADE WASSERTECHNIK GMBH, DE
[85] 2003-01-23
[86] 2001-05-25 (PCT/EP2001/005982)
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[30] DE (100 30 340.4) 2000-06-28

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[13] A1
[51] **Int.Cl. 7A61K 31/155 7A61P 3/00 7A61P 29/00 7A61P 25/36**
[25] EN
[54] **THE USE OF BENZYLIDENEAMINOGUANIDINES AND HYDROXYGUANIDINES AS MELANOCORTIN RECEPTOR LIGANDS**
[54] **BENZYLIDENEAMINOGUANIDINES ET HYDROXYGUANIDINES UTILISEES COMME LIGANDS DES RECEPTEUR DE LA MELANOCORTINE**
[72] SKOTTNER, ANNA, SE
[72] SEIFERT, ELISABETH, SE
[72] LUNDSTEDT, TORBJORN, SE
[71] MELACURE THERAPEUTICS AB, SE
[85] 2003-01-30
[86] 2001-08-07 (PCT/GB2001/003534)
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[30] GB (0019357.3) 2000-08-07

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[13] A1
[51] **Int.Cl. 7A61M 5/31 7A61J 1/05**
[25] EN
[54] **METHOD AND ARRANGEMENTS IN ASEPTIC PREPARATION**
[54] **PROCEDE ET SYSTEMES DE PREPARATION ASEPTIQUE**
[72] ANDREASSON, KJELL, SE
[72] WESSMAN, GORAN, SE
[71] CARMEL PHARMA AB, SE
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[30] SE (0002868-8) 2000-08-10

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[13] A1
[51] **Int.Cl. 7G01N 33/50 7G01N 33/566**
[25] EN
[54] **SIMPLE METHODS FOR THE DRUG MONITORING OF GPIIB/IIIA-RECEPTOR ANTAGONISTS**
[54] **PROCEDES SIMPLES DE PHARMACOVIGILANCE D'ANTAGONISTES RECEPTEURS GPIIB/IIIA**
[72] BUCHA, ELKE, DE
[72] NOWAK, GOTZ, DE
[71] HAEMOSYS GMBH, DE
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[87] 2003-01-23 (WO2002/012885)
[30] DE (100 38 900.7) 2000-08-09

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[13] A1
[51] **Int.Cl. 7C08J 9/32 7C08K 5/41 7C08K 5/42**
[25] EN
[54] **A JOINT COMPOUND ADDITIVE FOR REDUCTION OF CRACKING, CRATERING AND SHRINKAGE**
[54] **ADDITIF DE PATE A JOINTS PERMETTANT DE DIMINUER LE CRAQUELAGE, LA FORMATION DE CRATERES ET LA CONTRACTION**
[72] MILLER, CHARLES J., US
[72] WAWRZOS, FRANK A., US
[72] CIMAGLIO, SCOTT D., US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2003-01-30
[86] 2001-11-16 (PCT/US2001/043525)
[87] 2002-06-06 (WO2002/044254)
[30] US (09/724,674) 2000-11-28

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[13] A1
[51] **Int.Cl. 7G01C 19/72**
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[54] **INTEGRATED OPTIC GYROSCOPE AND METHOD OF FABRICATION**
[54] **GYROSCOPE OPTIQUE INTEGRE ET PROCEDE DE FABRICATION**
[72] AUERBACH, DANIEL EUGENE, US
[72] GOLDNER, ERIC LEE, US
[71] NORTHROP GRUMMAN, US
[85] 2003-01-27
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[30] US (09/726,099) 2000-11-29

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[13] A1
[51] **Int.Cl. 7A23J 7/00 7A23D 7/00**
[25] EN
[54] **PAN SPRAY FORMULATION AND DELIVERY SYSTEM**
[54] **FORMULATION D'AEROSOL DE CUISINE ET SYSTEME DE DISTRIBUTION**
[72] LEONARD, PAUL, US
[72] STOLTZ, EDWIN I., US
[71] LESS-CAL FOODS, INC., US
[85] 2003-01-29
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[30] US (60/225,461) 2000-08-15

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[13] A1
[51] **Int.Cl. 7C12P 7/42**
[25] EN
[54] **METHOD FOR THE ENANTIOSELECTIVE REDUCTION OF 8-CHLORO-6-OXO-OCTANOIC ACID ALKYL ESTERS**
[54] **PROCEDE DE REDUCTION ENANTIOSELECTIVE D'ALKYL ESTERS D'ACIDE 8-CHLORO-6-OXO-OCTANOIQUE**
[72] OLBRICH, MATTHIAS, DE
[72] GEWALD, RAINER, DE
[71] VIATRIS GMBH & CO. KG, DE
[85] 2003-01-24
[86] 2001-07-20 (PCT/EP2001/008421)
[87] 2003-01-24 (WO2002/010422)
[30] DE (100 36 515.9) 2000-07-27
[30] DE (100 56 025.3) 2000-11-11

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[13] A1
[51] **Int.Cl. 7A61D 19/02**
[25] FR
[54] **DISPOSITIF POUR PRELEVER DU LIQUIDE SEMINAL ANIMAL**
[54] **ANIMAL DEVICE FOR COLLECTING AN ANIMAL'S SEMINAL FLUID**
[72] VAYER, GERARD, FR
[71] GENES DIFFUSION, FR
[85] 2003-01-27
[86] 2001-08-10 (PCT/FR2001/002601)
[87] 2002-02-21 (WO2002/013723)
[30] FR (00/10604) 2000-08-11

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[13] A1
[51] **Int.Cl. 7H04J 14/02**
[25] EN
[54] **WAVELENGTH DIVISION MULTIPLEX (WDM) OPTICAL NETWORK**
[54] **RESEAU OPTIQUE A MULTIPLEXAGE PAR REPARTITION EN LONGUEUR D'ONDE (MRL)**
[72] WOOD, NIGEL, GB
[72] CUSH, ROSEMARY, GB
[71] MARCONI COMMUNICATIONS LIMITED, GB
[85] 2003-01-22
[86] 2001-07-26 (PCT/GB2001/003399)
[87] 2002-02-07 (WO2002/011336)
[30] GB (0018604.9) 2000-07-29
[30] GB (0022605.0) 2000-09-13

[21] **2,417,128**
[13] A1
[51] **Int.Cl. 7G01N 33/543**
[25] EN
[54] **METHOD OF IMMUNITY EXAMINATION WITH INSOLUBLE CARRIER PARTICLE AND REAGENT THEREFOR**
[54] **TECHNIQUE RELATIVE A UNE EPREUVE D'IMMUNITE MENEES AVEC DES PARTICULES D'UN VEHICULE INSOLUBLE ET REACTIF A CET EFFET**
[72] SHIGENOBU, KAYOKO, JP
[71] KYOWA MEDEX CO., LTD., JP
[85] 2003-01-24
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[51] **Int.Cl. 7A61K 35/20 7A61P 35/00**
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[54] **KEFIR EXTRACT AS AN ANTI-CANCER AGENT**
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[72] CHAN, LAURIE HING MAN, CA
[72] KUBOW, STAN, CA
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[54] **SYSTEME ET PROCEDE POUR LA CARACTERISATION ET LE SEQUENCAGE DE POLYMERES**
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[71] DIAMOND OPTICAL TECHNOLOGIES LIMITED, GB
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[54] **PROCEDE ET SYSTEME DESTINES A SYNCHRONISER UNE PRESENTATION AUDIO ET VISUELLE DANS UN RESTITUTEUR DE CONTENU MULTIMODE**
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[72] FEUSTEL, STEPHEN V., US
[72] HOWLAND, MICHAEL J., US
[72] HENNESSY, JAMES P., US
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[54] **RECYCLAGE DE COURANTS CONTENANT DU NITROXYLE A BASSE TEMPERATURE**
[72] GREWAL, RUBEN S., US
[72] ABRUSCATO, GERALD J., US
[72] GEELAN, BRENDAN J., US
[72] BENAGE, BRIGITTE, US
[72] SCHLUP, KIRK A., US
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[71] UNIROYAL CHEMICAL COMPANY, INC., US
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[54] **QUANTITATIVE ANALYSIS OF HEXOSE-MONOPHOSPHATES FROM BIOLOGICAL SAMPLES**
[54] **ANALYSE QUANTITATIVE DES MONOPHOSPHATES D'HEXOSE CONTENUS DANS DES ECHANTILLONS BIOLOGIQUES**
[72] CHRISTENSEN, ERNEST, DK
[72] BRANDT, NIELS JACOB, DK
[72] JENSEN, ULRICH GLUMER, DK
[72] SIMONSEN, HENRIK, DK
[71] STATENS SERUM INSTITUT, DK
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[54] **THERAPEUTIC COMPOUNDS FOR OVARIAN CANCER**
[54] **COMPOSES THERAPEUTIQUES CONTRE LE CANCER DES OVAIRES**
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[71] GENZYME CORPORATION, US
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[54] **PROCEDE DE PYROLYSE ET APPAREIL CORRESPONDANT**
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[71] TAIKO TEC CO., LTD., JP
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[54] **SEPARATEUR POUR PILE A COMBUSTIBLE DE TYPE A BASSE TEMPERATURE ET PROCEDE DE FABRICATION ASSOCIE**
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[72] MORITA, YOSHIKAZU, JP
[72] MIYANO, TSUTOMU, JP
[72] SHIMIZU, TAKESHI, JP
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[51] **Int.Cl. 7B22F 5/10**
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[54] **ARTICLE EN METAL POREUX, MATERIAU COMPOSITE METALLIQUE UTILISANT CET ARTICLE, ET PROCEDE DE PRODUCTION Y RELATIF**
[72] HARADA, KEIZO, JP
[72] MATSUURA, TAKAHIRO, JP
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[54] **PROTEINE DE LIAISON CIBLE MULTIVALENTE**
[72] LEUNG, SHUI-ON, HK
[71] IMMUNOMEDICS, INC., US
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[51] **Int.Cl. 7C12N 15/00**
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[54] **MICROTUBULE-ASSOCIATED PROTEINS AND TUBULINS**
[54] **PROTEINES ASSOCIEES AUX MICROTUBULES ET TUBULINES**
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[72] LAL, PREETI, US
[72] WALIA, NARINDER K., US
[72] YUE, HENRY, US
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[72] TRIBOULEY, CATHERINE M., US
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[51] **Int.Cl. 7H01H 9/00**
[25] EN
[54] **AUTOMOTIVE TRIM PANEL WITH ELECTRICAL WIRING INCORPORATED THEREIN**
[54] **PANNEAU DE GARNISSAGE D'AUTOMOBILE A CABLAGE INTEGRE**
[72] MAZZOLA, JILL MARIE-NICHOLS, US
[72] MISARAS, DAVID MARK, US
[72] BONTRAGER, DWAYNE, US
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[25] EN
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[54] **DIAGRAMMES PARAMETRES AVEC COMPOSANTS CONDITIONNELS**
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[72] WAKELING, TIM, US
[72] LARSON, BROND, US
[72] WHOLEY, JOSEPH SKEFFINGTON III, US
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[54] **DEVICE FOR CONTROLLING ACCESS BETWEEN ATM NETWORKS**
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[72] SIMON, JEAN-LOUIS, FR
[72] PAUL, OLIVIER, FR
[72] LAURENT MAKNAVICIUS, MARYLINE, FR
[72] GOMBAULT, SYLVAIN, FR
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[54] **METHOD TO MEASURE HYDROGEN-BEARING CONSTITUENT IN A MATERIAL USING NEUTRON SPECTROSCOPY**
[54] **METHODE DE MESURE D'UN CONSTITUANT RENFERMANT DE L'HYDROGENE DANS UN MATERIAU PAR SPECTROSCOPIE NEUTRONIQUE**
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[54] **CASE WITH INTERNAL LOCK**
[54] **BOITIER A VERROU INTERNE**
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[72] LAX, MICHAEL, US
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[30] US (60/221,953) 2000-07-31
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[54] **IMIDAZOLYL DERIVATIVES**
[54] **DERIVES IMIDAZOLYLES**
[72] THURIEAU, CHRISTOPHE ALAIN, FR
[72] POITOUT, LYDIE FRANCINE, FR
[72] GALCERA, MARIE-ODILE, FR
[72] MORGAN, BARRY A., US
[72] MOINET, CHRISTOPHE PHILIPPE, CA
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[54] **REVETEMENT A BARRIERE THERMIQUE A STABILITE DE PHASE ELEVEE**
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[71] SIEMENS WESTINGHOUSE POWER CORPORATION, US
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[25] EN
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[54] **POLYETHYLENE DE DENSITE MOYENNE ET DE POIDS MOLECLAIRE ELEVE**
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[72] WALLACE, LAWRENCE R., US
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[72] MERRICK-MACK, JEAN A., US
[72] WISE, DANNY L., US
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[30] US (09/648,303) 2000-08-25

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[51] **Int.Cl. 7G06F 17/60**
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[54] **NON-CASH TRANSACTION INCENTIVE AND COMMISSION DISTRIBUTION SYSTEM**
[54] **SYSTEME D'INCITATION ET DE DISTRIBUTION DE COMMISSION POUR TRANSACTIONS SANS MANIPULATION D'ESPECES**
[72] MASI, MONICA R., US
[72] FOSKO, JOSEPH J., JR., US
[72] MASI, LARRY, A., US
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[72] AIHARA, SHUICHI, JP
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[71] METSO MINERALS (MATAMATA) LIMITED, NZ
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[72] NILSSON, THOMAS, SE
[71] MICRODRUG AG, CH
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[54] **PROCEDE DE REALISATION D'UNE PIECE DE FERMETURE PAR ADHERENCE**
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[71] GOTTLIEB BINDER GMBH & CO., DE
[85] 2003-01-29
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[87] 2003-01-29 (WO2002/013647)
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[54] **FUNCTIONAL SEASONINGS**
[54] **ASSAISONNEMENTS FONCTIONNELS**
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[51] **Int.Cl. 7A61M 1/00 7A61F 9/007 7A61F 9/011**
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[54] **SURGICAL CASSETTE AND CONSUMABLES FOR COMBINED OPHTHALMIC SURGICAL PROCEDURE**
[54] **CASSETTE CHIRURGICALE ET CONSOMABLES DESTINES A UNE OPERATION CHIRURGICALE OPHTHALMIQUE**
[72] NAZARIFAR, NADER, US
[72] STEPPE, DENNIS L., US
[71] ALCON, INC., CH
[85] 2003-01-23
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[54] **LIPSTICK MOULDING MACHINE AND METHOD**
[54] **MACHINE A MOULER DU ROUGE A LEVRES ET PROCEDE CORRESPONDANT**
[72] MURRAY, LIAM ANTHONY, US
[72] STATHAM, MICHAEL, GB
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[30] US (60/223,885) 2000-08-09

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[51] **Int.Cl. 7H01L 21/316**
[25] EN
[54] **METHOD OF FORMING A PRE-METAL DIELECTRIC FILM ON A SEMICONDUCTOR SUBSTRATE**
[54] **PROCEDE DE FORMATION D'UN FILM DIELECTRIQUE PREMETALLIQUE SUR UN SUBSTRAT A SEMICONDUCTEUR**
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[72] WHITEMAN, MICHAEL D., US
[71] ATMEL CORPORATION, US
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[51] **Int.Cl. 7A47G 19/22**
[25] EN
[54] **LIP-OPENABLE SPILL-PROOF CONTAINER**
[54] **RECIPIENT ANTI-GOUTTES S'OUVRANT AVEC LES LEVRES**
[72] PETRIE, AIDAN J., US
[72] CHOMIK, RICHARD S., US
[72] SEJNOWSKI, JOSEPH P., US
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[30] US (09/634,773) 2000-08-09

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[54] **COMPOSITIONS DE COMPOSITES CARBONE-MATRICE ET PROCEDE ASSOCIES**
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[71] BALLARD POWER SYSTEMS INC., CA
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[54] **IMAGES DE CHANGEMENT D'ECHELLE**
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[71] INTEL CORPORATION, US
[85] 2003-01-23
[86] 2001-08-29 (PCT/US2001/026950)
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[30] US (09/655,236) 2000-09-05

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[13] A1

[51] **Int.Cl. 7C07C 403/24**
[25] EN
[54] **METHOD FOR PRODUCTION OF RARE CAROTENOIDS FROM COMMERCIALY AVAILABLE LUTEIN**
[54] **METHODE DE PRODUCTION DE CAROTENOIDES RARES A PARTIR DE LA LUTEINE VENDUE DANS LE COMMERCE**
[72] KHACHIK, FREDERICK, US
[71] UNIVERSITY OF MARYLAND, COLLEGE PARK, US
[85] 2003-01-27
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[30] US (60/220,995) 2000-07-27

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[13] A1

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[54] **METHOD AND SYSTEM FOR SENDING, RECEIVING AND MANAGING MESSAGING DATA**
[54] **PROCEDE ET SYSTEME DESTINES A ENVOYER, RECEVOIR ET GERER DES DONNEES DE MESSAGERIE**
[72] CHEN, ERIC, US
[72] BLACKWELL, JONATHAN, US
[72] KWAN, JASON, US
[71] COMPUTER ASSOCIATES THINK, INC., US
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[13] A1

[51] **Int.Cl. 7F25B 33/00 7B01J 10/00 7F25B 15/04 7B01D 53/04 7C09K 5/04 7B01J 19/32**
[25] EN
[54] **IMPROVED AQUA-AMMONIA ABSORPTION SYSTEM GENERATOR UTILIZING STRUCTURED PACKING**
[54] **GENERATEUR DE SYSTEME A ABSORPTION EAU-AMMONIAC UTILISANT UN REMPLISSAGE STRUCTURE**
[72] SARKISIAN, PAUL, US
[72] KIROL, LANCE D., US
[71] ROCKY RESEARCH, US
[85] 2003-01-30
[86] 2001-07-30 (PCT/US2001/041483)
[87] 2002-02-14 (WO2002/012803)
[30] US (09/632,037) 2000-08-03

[21] **2,417,258**
[13] A1

[51] **Int.Cl. 7A61K 31/425 7A61K 9/10 7A61K 31/505**
[25] EN
[54] **FLAVORING SYSTEMS FOR PHARMACEUTICAL COMPOSITIONS AND METHODS OF MAKING SUCH COMPOSITIONS**
[54] **SYSTEME D'AROMATISATION POUR COMPOSITIONS PHARMACEUTIQUES ET PROCEDES DE FABRICATION DE TELLES COMPOSITIONS**
[72] WHELAN, RICHARD H., US
[72] PETROSSIAN, VANIK D., US
[72] KAUL, DILIP, US
[72] LIPARI, JOHN M., US
[72] GHOSH, SOUMOJEET, US
[72] MARSH, KENNAN C., US
[72] GAUWITZ, DONALD P., US
[72] ALANI, LAMAN, US
[71] ABBOTT LABORATORIES, US
[85] 2003-01-24
[86] 2001-09-04 (PCT/US2001/027415)
[87] 2002-03-14 (WO2002/020057)
[30] US (09/655,192) 2000-09-05

[21] **2,417,259**
[13] A1

[51] **Int.Cl. 7C07D 417/12 7C07D 417/14 7C07C 67/31 7C07C 67/333 7C07C 67/343 7C07C 51/373 7C07C 69/618 7C07C 69/73 7C07C 59/74**
[25] EN
[54] **PROCESS FOR PREPARING ARYLACETYLAMINOTHIAZOLES**
[54] **PROCEDE DE PREPARATION D'ARYLACETYLAMINOTHIAZOLES**
[72] SUNDEEN, JOSEPH E., US
[72] ZHAO, RULIN, US
[72] MISRA, RAJ N., US
[72] KIM, KYOUNG S., US
[72] KIMBALL, S. DAVID, US
[72] CHEN, BANG-CHI, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2003-01-24
[86] 2001-05-02 (PCT/US2001/014154)
[87] 2002-02-07 (WO2002/010161)
[30] US (09/616,627) 2000-07-26
[30] US (09/616,629) 2000-07-26
[30] US (09/746,059) 2000-12-22

[21] **2,417,260**
[13] A1

[51] **Int.Cl. 7C07D 417/14 7C07D 251/00 7C07D 487/18 7C07D 263/32**
[25] EN
[54] **PROCESS FOR PREPARING AZACYCLOALKANOYLAMINOTHIAZOLES**
[54] **PROCEDE DE PREPARATION D'AZACYCLOALCANOYLAMINOTHIAZOLES**
[72] KIM, KYOUNG S., US
[72] CHEN, BANG-CHI, US
[72] KIMBALL, S. DAVID, US
[72] XIAO, HAI-YUN, US
[72] SUNDEEN, JOSEPH E., US
[72] ZHAO, RULIN, US
[72] SALVATI, MARK E., US
[72] MISRA, RAJ N., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2003-01-24
[86] 2001-05-02 (PCT/US2001/014155)
[87] 2002-02-07 (WO2002/010163)
[30] US (09/616,627) 2000-07-26
[30] US (09/746,060) 2000-12-22

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[21] **2,417,262**
[13] A1
[51] **Int.Cl. 7A61K 31/137 7A61P 33/00 7A61P 35/00 7A61P 43/00 7A61P 31/12 7A61P 17/14 7A61K 31/381 7A61K 31/495**
[25] FR
[54] **INHIBITEURS DE PHOSPHATASES CDC25**
[54] **CDC25 PHOSPHATASE INHIBITORS**
[72] LANCO, CHRISTOPHE, FR
[72] DUCOMMUN, BERNARD, FR
[72] GOUBIN-GRAMMATICA, FRANCOISE, FR
[72] THURIEAU, CHRISTOPHE, FR
[72] PREVOST, GREGOIRE, FR
[72] BREZAK-PANNETIER, MARIE-CHRISTINE, FR
[72] GALCERA-CONTOUR, MARIE-ODILE, FR
[71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUE (S.C.R. A.S.), FR
[85] 2003-01-24
[86] 2001-07-26 (PCT/FR2001/002443)
[87] 2002-02-07 (WO2002/009686)
[30] FR (00/09900) 2000-07-28

[21] **2,417,263**
[13] A1
[51] **Int.Cl. 7B29B 9/10**
[25] EN
[54] **METHOD OF AND APPARATUS FOR PRODUCING PELLETS FROM HEAVY HYDROCARBON LIQUID**
[54] **PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE DES PASTILLES A PARTIR DE LIQUIDE D'HYDROCARBURES LOURDS**
[72] FRIDAY, J. ROBERT, US
[72] BRONICKI, YORAM, IL
[72] RETTGER, PHILIP B., US
[71] ORMAT INDUSTRIES LTD., IL
[85] 2003-01-24
[86] 2001-07-26 (PCT/US2001/041420)
[87] 2002-02-07 (WO2002/009918)
[30] US (09/627,166) 2000-07-27

[21] **2,417,264**
[13] A1
[51] **Int.Cl. 7C07D 487/04 7C07D 231/00 7C07D 239/00**
[25] EN
[54] **CRYSTALLINE THERAPEUTIC AGENT**
[54] **AGENT THERAPEUTIQUE CRISTALLIN**
[72] WOOD, ALBERT SHAW, GB
[72] STOREY, RICHARD ANTHONY, GB
[72] HARRIS, LAURENCE JAMES, GB
[71] PFIZER INC., US
[85] 2003-01-24
[86] 2001-07-18 (PCT/IB2001/001280)
[87] 2002-02-07 (WO2002/010171)
[30] GB (0018656.9) 2000-07-28
[30] GB (0106464.1) 2001-03-15

[21] **2,417,266**
[13] A1
[51] **Int.Cl. 7C08L 23/28 7C08L 25/08**
[25] EN
[54] **BUTYL POLYMER COMPOSITION HAVING IMPROVED COLD FLOW PROPERTIES**
[54] **COMPOSITION POLYMERE BUTYLIQUE AYANT DE MEILLEURES PROPRIETES DE D'ECOULEMENT A FROID**
[72] SUMNER, ANTHONY J., DE
[72] PAZUR, RICHARD, CA
[71] BAYER INC., CA
[85] 2003-01-24
[86] 2001-07-24 (PCT/CA2001/001064)
[87] 2002-02-07 (WO2002/010277)
[30] CA (2,315,830) 2000-07-27

[21] **2,417,267**
[13] A1
[51] **Int.Cl. 7C08G 18/48 7C08G 18/66 7C08G 18/76**
[25] EN
[54] **PROCESS FOR PREPARING A POLYURETHANE MATERIAL**
[54] **PROCEDE DE PREPARATION D'UN MATERIAU POLYURETHANNE**
[72] BLEYS, GERHARD JOZEF, BE
[72] HUYGENS, ERIC, BE
[72] VANHALLE, ANJA, BE
[71] HUNTSMAN INTERNATIONAL LLC, US
[85] 2003-01-24
[86] 2001-06-25 (PCT/EP2001/007199)
[87] 2002-02-07 (WO2002/010249)
[30] EP (00116582.8) 2000-08-01

[21] **2,417,268**
[13] A1
[51] **Int.Cl. 7C07D 271/06 7A61P 7/02 7A61K 31/4245 7C07C 311/47**
[25] EN
[54] **URETHANE DERIVATIVES DERIVES D'URETHANE**
[72] GLEITZ, JOHANNES, DE
[72] BARNES, CHRISTOPHER, DE
[72] DORSCH, DIETER, DE
[72] TSAKLAKIDIS, CHRISTOS, DE
[72] MEDERSKI, WERNER, DE
[72] JURASZYK, HORST, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[85] 2003-01-24
[86] 2001-07-13 (PCT/EP2001/008130)
[87] 2003-01-24 (WO2002/010145)
[30] DE (100 36 852.2) 2000-07-28

[21] **2,417,269**
[13] A1
[51] **Int.Cl. 7C07C 67/31 7C07D 339/04 7C07D 303/42 7C07C 69/675 7C07C 69/716**
[25] EN
[54] **METHOD FOR PRODUCING ENANTIOMER-FREE 6,8 DIHYDROXY OCTANOIC ACID ESTERS BY MEANS OF ASYMMETRIC, CATALYTIC HYDROGENATION**
[54] **PROCEDE POUR LA PRODUCTION D'ESTERS DE L'ACIDE 6,8-DIHYDROCAPRYLIQUE EXEMPTS D'ENANTIOMERES PAR HYDROGENATION CATALYTIQUE ASYMETRIQUE**
[72] GEWALD, RAINER, DE
[71] VIATRIS GMBH & CO. KG, DE
[85] 2003-01-24
[86] 2001-07-17 (PCT/EP2001/008244)
[87] 2003-01-24 (WO2002/010113)
[30] DE (100 36 516.7) 2000-07-27

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[21] **2,417,270**
[13] A1
[51] **Int.Cl. 7H04N 5/445 7H04N 7/16**
[25] EN
[54] **A CONFIGURABLE
INFORMATION TICKER FOR
INTERACTIVE TELEVISION AND
ENHANCED TELEVISION**
[54] **TELESCRIPTEUR
D'INFORMATIONS CONFIGURABLE
POUR TELEVISION INTERACTIVE ET
TELEVISION AMELIOREE**
[72] RASMUSSEN, GARY, US
[72] HASSELL, JOEL, US
[72] SAIB, JOSEPH, US
[72] SEDLAK, BRIAN, US
[71] INTELLOCITY USA, INC., US
[85] 2003-01-29
[86] 2001-07-12 (PCT/US2001/021932)
[87] 2002-02-07 (WO2002/011435)
[30] US (60/222,048) 2000-07-31
[30] US (09/878,615) 2001-06-11

[21] **2,417,273**
[13] A1
[51] **Int.Cl. 7B01F 5/06 7B29B 7/32**
[25] EN
[54] **STATIC MIXER ELEMENT AND
METHOD FOR MIXING TWO FLUIDS**
[54] **ELEMENT MELANGEUR
STATIQUE ET PROCEDE DE
MELANGE DE DEUX FLUIDES**
[72] FASANO, JULIAN, US
[72] MYERS, KEVIN J., US
[72] REEDER, MARK F., US
[71] CHEMINEER, INC., US
[85] 2003-01-24
[86] 2001-07-18 (PCT/US2001/022719)
[87] 2002-02-07 (WO2002/009858)
[30] US (09/630,397) 2000-08-02

[21] **2,417,274**
[13] A1
[51] **Int.Cl. 7A61K 39/155 7A61P 31/14**
[25] EN
[54] **RESPIRATORY SYNCYTIAL
VIRUS VACCINE**
[54] **VACCIN CONTRE LE VIRUS
RESPIRATOIRE SYNCYTIAL**
[72] PARRINGTON, MARK, CA
[72] CARPIK, BRUCE, CA
[72] ATKINS, JUDITH, CA
[72] CORNET, BERNARD, US
[72] BRAENDLI, ERNST, CA
[72] LUCIANI, MATHILDE, CA
[72] SLOAN, ROBERT J., CA
[72] SALES, VALERIE, CA
[71] AVENTIS PASTEUR LIMITED, CA
[85] 2003-01-24
[86] 2001-07-31 (PCT/CA2001/001104)
[87] 2002-02-07 (WO2002/009749)
[30] US (60/221,706) 2000-07-31

[21] **2,417,275**
[13] A1
[51] **Int.Cl. 7A61K 47/10 7A61K 47/22
7A61K 47/36**
[25] EN
[54] **TRANSDERMAL DRUG
DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION
TRANSDERMIQUE D'UN
MEDICAMENT**
[72] GORODISCHER, RAPHAEL, IL
[72] SINTOV, AMNON, IL
[71] BEN GURION UNIVERSITY OF THE
NEGEV RESEARCH AND
DEVELOPMENT AUTHORITY, IL
[85] 2003-01-24
[86] 2001-07-10 (PCT/IL2001/000630)
[87] 2002-02-07 (WO2002/009763)
[30] IL (137559) 2000-07-27

[21] **2,417,276**
[13] A1
[51] **Int.Cl. 7C10G 2/00 7B01J 23/75**
[25] EN
[54] **COBALT CATALYST
COMPOSITIONS USEFUL FOR
CONDUCTING CARBON MONOXIDE
HYDROGENATION REACTIONS**
[54] **COMPOSITIONS CATALYTIQUES
AU COBALT UTILISEES POUR
PROVOQUER DES REACTIONS
D'HYDROGENATION DE MONOXYDE
DE CARBONE**
[72] CLAVENNA, LEROY RUSSELL, US
[72] MAULDIN, CHARLES HARRISON,
US
[72] WACHTER, WILLIAM AUGUSTINE,
US
[72] WOO, HYUNG SUK, US
[71] EXXONMOBIL RESEARCH AND
ENGINEERING COMPANY, US
[85] 2003-01-24
[86] 2001-07-13 (PCT/US2001/022026)
[87] 2002-02-07 (WO2002/009871)
[30] US (09/630,278) 2000-08-01

[21] **2,417,277**
[13] A1
[51] **Int.Cl. 7C07D 405/14 7C07D 403/04
7C07D 403/14 7A61K 31/404**
[25] EN
[54] **3-INDOLYL-4-PHENYL-1H-
PYRROLE-2,5-DIONE DERIVATIVES
AS INHIBITORS OF GLYCOGEN
SYNTHASE KINASE-3.BETA.**
[54] **DERIVES DE 3-INDOLYL-4-
PHENYL-1H-PYRROLE-2,5-DIONE
AGISSANT COMME INHIBITEURS DE
LA GLYCOGENE SYNTHASE KINASE-
3.BETA.**
[72] PELTZ, GARY ALLEN, US
[72] GRUPE, ANDREW, US
[72] GONG, LEYI, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2003-01-24
[86] 2001-07-18 (PCT/EP2001/008293)
[87] 2002-02-07 (WO2002/010158)
[30] US (60/221,058) 2000-07-27

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[13] A1
[51] **Int.Cl. 7A61K 33/38 7A61P 17/06**
[25] EN
[54] **TREATMENT OF HYPERPROLIFERATIVE SKIN DISORDERS AND DISEASES**
[54] **TRAITEMENT DES TROUBLES ET MALADIES CUTANES A CARACTERE HYPERPROLIFERATIF**
[72] LAM, KAN, US
[72] WRIGHT, JOHN BARRYMORE, US
[72] BURRELL, ROBERT EDWARD, CA
[71] NUCRYST PHARMACEUTICALS CORP., CA
[85] 2003-01-24
[86] 2001-07-27 (PCT/CA2001/001078)
[87] 2002-02-07 (WO2002/009729)
[30] US (09/628,735) 2000-07-27

[21] **2,417,280**
[13] A1
[51] **Int.Cl. 7F16L 1/12 7B63B 35/03**
[25] EN
[54] **REEL TYPE PIPELINE LAYING SHIP AND METHOD**
[54] **NAVIRE ET PROCEDE DE POSE DE PIPELINE DU TYPE A BOBINES**
[72] STOCKSTILL, LYLE, US
[71] TORCH OFFSHORE, INC., US
[85] 2003-01-23
[86] 2002-07-03 (PCT/US2002/021253)
[87] 2003-01-16 (WO2003/004915)
[30] US (09/898,561) 2001-07-03
[30] US (10/117,946) 2002-04-08

[21] **2,417,281**
[13] A1
[51] **Int.Cl. 7B23P 19/00 7B21J 15/32**
[25] EN
[54] **DEVICE AND METHOD FOR LOADING A RIVET MODULE WITH BLIND RIVET NUTS**
[54] **PROCEDE ET DISPOSITIF POUR CHARGER UN RIVET MODULAIRE AVEC DES ECROUS POUR RIVETS BORGNES**
[72] KADDATZ, UWE, DE
[71] AVDEL VERBINDUNGSELEMENTE GMBH, DE
[85] 2003-01-22
[86] 2001-08-02 (PCT/DE2001/002933)
[87] 2002-02-14 (WO2002/011943)
[30] DE (200 13 585.6) 2000-08-04

[21] **2,417,282**
[13] A1
[51] **Int.Cl. 7A61K 31/215 7A61P 9/00 7A61K 31/165 7A61K 31/185**
[25] EN
[54] **METHOD OF TREATING ANGIOGENESIS-RELATED DISORDERS USING BENZOYL PHENYLACETIC ACID**
[54] **PROCEDE DE TRAITEMENT DE TROUBLES RELATIFS A L'ANGIOGENESE**
[72] KAPIN, MICHAEL A., US
[72] YANNI, JOHN M., US
[72] GAMACHE, DANIEL A., US
[72] GRAFF, GUSTAV, US
[72] BINGAMAN, DAVID P., US
[71] ALCON, INC., CH
[85] 2003-01-22
[86] 2001-08-13 (PCT/US2001/025318)
[87] 2002-02-21 (WO2002/013804)
[30] US (60/225,133) 2000-08-14

[21] **2,417,283**
[13] A1
[51] **Int.Cl. 7B29C 67/24 7B29D 9/00 7B29C 33/68**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A LAYER PART, IN PARTICULAR A REACTION INJECTION MOULDING PROCESS FOR THE PRODUCTION OF A POLYURETHANE SKIN LAYER**
[54] **PROCEDE DE PRODUCTION D'UNE PARTIE DE COUCHE, NOTAMMENT PROCEDE DE MOULAGE PAR INJECTION ET REACTION POUR LA PRODUCTION D'UNE COUCHE DE REVETEMENT EN POLYURETHANNE**
[72] DE WINTER, HUGO, BE
[72] VANLUCHENE, YVAN, BE
[71] RECTICEL, BE
[85] 2003-01-27
[86] 2001-07-31 (PCT/BE2001/000125)
[87] 2002-02-14 (WO2002/011974)
[30] EP (00870172.4) 2000-08-03

[21] **2,417,284**
[13] A1
[51] **Int.Cl. 7A44C 15/00 7G09F 13/20**
[25] EN
[54] **CONNECTOR FOR GLOW STICKS**
[54] **DISPOSITIF DE CONNEXION**
[72] DOMBOWSKY, GREG, CA
[72] BRYANT, ROBERT, CA
[71] NORTHERN LIGHT PRODUCTS INC., CA
[85] 2003-01-27
[86] 2001-07-25 (PCT/CA2001/001079)
[87] 2002-01-31 (WO2002/007556)
[30] US (60/225,028) 2000-07-25

[21] **2,417,285**
[13] A1
[51] **Int.Cl. 7C08J 3/12 7B29B 9/00 7B01J 2/02**
[25] EN
[54] **APPARATUS AND METHOD FOR PRODUCING POROUS POLYMER PARTICLES**
[54] **APPAREIL ET PROCEDE DE PRODUCTION DE PARTICULES DE POLYMERE POREUSES**
[72] ETHIER, JOSEE, CA
[72] PARTINGTON, BARRY (DECEASED), GB
[71] PROMETIC BIOSCIENCES INC., CA
[85] 2003-01-27
[86] 2001-08-03 (PCT/CA2001/001126)
[87] 2002-02-14 (WO2002/012374)
[30] CA (2,314,921) 2000-08-03

[21] **2,417,286**
[13] A1
[51] **Int.Cl. 7A61M 5/32**
[25] FR
[54] **DISPOSITIF DE PROTECTION D'UNE AIGUILLE DE SERINGUE**
[54] **DEVICE FOR PROTECTING A SYRINGE NEEDLE**
[72] BRUNEL, MARC, FR
[71] SANOFI-SYNTHELABO, FR
[85] 2003-01-27
[86] 2001-06-29 (PCT/FR2001/002083)
[87] 2002-02-14 (WO2002/011799)
[30] FR (00/10473) 2000-08-09

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| <p style="text-align: right;">[21] 2,417,292 [13] A1</p> <p>[51] Int.Cl. 7A01G 3/04 [25] EN [54] CIRCULAR SAW HEAD [54] TETE DE SCIE CIRCULAIRE [72] HALVORSON, DAVID J., US [72] ANDERSON, TRAVIS A., US [71] ALAMO GROUP INC., US [85] 2003-01-28 [86] 2001-02-20 (PCT/US2001/040166) [87] 2002-02-14 (WO2002/011522) [30] US (09/633,706) 2000-08-07</p> | <p style="text-align: right;">[21] 2,417,310 [13] A1</p> <p>[51] Int.Cl. 7C07K 14/00 [25] EN [54] IRON REGULATING PROTEIN-2 (IRP-2) AS A DIAGNOSTIC FOR NEURODEGENERATIVE DISEASE [54] PROTEINE 2 DE REGULATION DU FER (IRP-2) UTILISEE DANS LE DIAGNOSTIC DE MALADIES NEURODEGENERATIVES [72] LEVINE, RODNEY L., US [72] ROUALT, TRACEY A., US [72] KANG, DAE-KYUNG, US [72] KELLN, WAYNE J., US [72] LENNART, ANTON, US [72] KIRSCH, WOLFF M., US [71] LOMA LINDA UNIVERSITY MEDICAL CENTER, US [71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, US [85] 2003-01-24 [86] 2001-08-06 (PCT/US2001/024747) [87] 2002-02-14 (WO2002/012284) [30] US (60/222,863) 2000-08-04</p> | <p style="text-align: right;">[21] 2,417,312 [13] A1</p> <p>[51] Int.Cl. 7A61B 18/18 [25] EN [54] SLENDER TIP LASER SCALPEL [54] BISTOURI LASER A TETE MINCE [72] VELIGDAN, JAMES T., US [71] BROOKHAVEN SCIENCE ASSOCIATES, US [85] 2003-01-29 [86] 2001-07-24 (PCT/US2001/023309) [87] 2002-02-07 (WO2002/009609) [30] US (09/629,747) 2000-07-31</p> |
| <p style="text-align: right;">[21] 2,417,298 [13] A1</p> <p>[51] Int.Cl. 7G02F 1/035 [25] EN [54] OPTICAL MODULATION DEVICE HAVING EXCELLENT ELECTRIC CHARACTERISTICS FOR EFFECTIVELY RESTRICTING THERMAL DRIFT AND METHOD FOR MANUFACTURING THE SAME [54] DISPOSITIF DE MODULATION OPTIQUE PRESENTANT D'EXCELLENTE CARACTERISTIQUES ELECTRIQUES GRACE A UNE RESTRICTION EFFICACE DU TRANSFERT DE CHALEUR [72] KAWANO, KENJI, JP [72] SATO, YUJI, JP [72] NANAMI, MASAYA, JP [72] UCHIDA, SEIJI, JP [72] NAKAHIRA, TORU, JP [71] ANRITSU CORPORATION, JP [85] 2003-01-22 [86] 2002-05-23 (PCT/JP2002/005008) [87] 2002-12-05 (WO2002/097521) [30] JP (2001-157357) 2001-05-25</p> | <p style="text-align: right;">[21] 2,417,311 [13] A1</p> <p>[51] Int.Cl. 7C07D 401/12 7A61P 35/00 7A61P 1/04 7A61P 31/04 7A61K 31/4439 [25] EN [54] SALTS OF BENZIMIDAZOLE COMPOUND AND APPLICATION THEREOF [54] SELS DE COMPOSE A BASE DE BENZIMIDAZOLE ET LEURS APPLICATIONS [72] KAMIYAMA, KEIJI, JP [72] HASHIMOTO, HIDEO, JP [71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP [85] 2003-01-27 [86] 2001-08-03 (PCT/JP2001/006686) [87] 2003-01-27 (WO2002/012225) [30] JP (2000-236651) 2000-08-04</p> | <p style="text-align: right;">[21] 2,417,326 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/56 7A61K 49/00 [25] EN [54] METHOD OF INCREASING SENSITIVITY OF MAMMOGRAPHY [54] PROCEDE PERMETTANT D'AMELIORER LA SENSIBILITE D'UNE MAMMOGRAPHIE [72] ZIMBERG, STEPHEN E., US [71] THE CLEVELAND CLINIC FOUNDATION, US [85] 2003-01-28 [86] 2001-07-31 (PCT/US2001/023995) [87] 2002-02-07 (WO2002/009721) [30] US (60/221,694) 2000-07-31</p> |
| <p style="text-align: right;">[21] 2,417,301 [13] A1</p> <p>[51] Int.Cl. 7B65D 83/40 [25] EN [54] AN AEROSOL CONTAINER WITH A CAP [54] RESERVOIR AEROSOL POURVU D'UN BOUCHON [72] MIZUSHIMA, HIROSHI, JP [72] HAYAKAWA, SHIGERU, JP [72] YAMANAKA, NOBUO, JP [72] GOTO, TAKAYUKI, JP [71] YOSHINO KOGYOSHO CO., LTD., JP [85] 2003-01-22 [86] 2002-05-31 (PCT/JP2002/005385) [87] 2002-12-05 (WO2002/096777) [30] JP (2001-165002) 2001-05-31 [30] JP (2001-199496) 2001-06-29</p> | <p style="text-align: right;">[21] 2,417,311 [13] A1</p> <p>[51] Int.Cl. 7C07D 401/12 7A61P 35/00 7A61P 1/04 7A61P 31/04 7A61K 31/4439 [25] EN [54] SALTS OF BENZIMIDAZOLE COMPOUND AND APPLICATION THEREOF [54] SELS DE COMPOSE A BASE DE BENZIMIDAZOLE ET LEURS APPLICATIONS [72] KAMIYAMA, KEIJI, JP [72] HASHIMOTO, HIDEO, JP [71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP [85] 2003-01-27 [86] 2001-08-03 (PCT/JP2001/006686) [87] 2003-01-27 (WO2002/012225) [30] JP (2000-236651) 2000-08-04</p> | <p style="text-align: right;">[21] 2,417,336 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/195 [25] EN [54] METHOD FOR REDUCING EXACERBATIONS ASSOCIATED WITH COPD [54] PROCEDE POUR REDUIRE LES EXACERBATIONS ASSOCIEES A LA BPCO [72] EDELSON, JEFFREY D., US [71] SMITHKLINE BEECHAM CORPORATION, US [85] 2003-01-24 [86] 2001-07-26 (PCT/US2001/023542) [87] 2002-02-07 (WO2002/009689) [30] US (60/221,275) 2000-07-27</p> |

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[21] **2,417,338**
[13] A1
[51] **Int.Cl. 7D21C 9/10 7D21C 9/14**
[25] EN
[54] **TWO-STAGE CHLORINE BLEACHING PROCESS WITH FILTRATE RECIRCULATION**
[54] **PROCEDE DE BLANCHIMENT AU CHLORE EN DEUX ETAPES AVEC RECIRCULATION DU FILTRAT**
[72] NORDEN, SOLVEIG, SE
[72] LINDSTROM, LARS-AKE, SE
[72] CARRE, GUNNAR, SE
[71] METSO PAPER, INC., FI
[85] 2003-01-27
[86] 2001-08-14 (PCT/SE2001/001752)
[87] 2002-02-21 (WO2002/014600)
[30] SE (0002930-6) 2000-08-14

[21] **2,417,339**
[13] A1
[51] **Int.Cl. 7B01D 53/047 7B01D 53/04 7A61M 16/10 7B01D 53/22 7B01D 53/32**
[25] EN
[54] **PORTABLE OXYGEN CONCENTRATION SYSTEM AND METHOD OF USING THE SAME**
[54] **SYSTEME PORTABLE DE CONCENTRATION D'OXYGENE ET SON PROCEDE D'UTILISATION**
[72] RADTKE, EDWARD A., US
[72] HILL, THEODORE B., US
[72] SCHNEIDER, ROBERT A., US
[72] BIXBY, JAMES A., US
[71] SEQUAL TECHNOLOGIES, INC., US
[85] 2003-01-23
[86] 2000-08-04 (PCT/US2000/021400)
[87] 2002-02-14 (WO2002/011861)
[30] US (09/632,099) 2000-08-03

[21] **2,417,341**
[13] A1
[51] **Int.Cl. 7G01N 33/543 7C12N 13/00 7C12Q 1/68**
[25] EN
[54] **METHODS FOR MANIPULATING MOIETIES IN MICROFLUIDIC SYSTEMS**
[54] **TECHNIQUES DE MANIPULATIONS DE FRAGMENTS DANS DES SYSTEMES MICROFLUIDIQUES**
[72] WANG, XIAOBO, US
[72] CHENG, JING, CN
[72] YANG, WEIPING, US
[72] WU, LEI, US
[72] XU, JUNQUAN, CN
[71] AVIVA BIOSCIENCES CORPORATION, US
[85] 2003-01-23
[86] 2000-09-15 (PCT/US2000/025381)
[87] 2002-02-14 (WO2002/012896)
[30] CN (00 1 22631.2) 2000-08-08
[30] US (09/636,104) 2000-08-10

[21] **2,417,343**
[13] A1
[51] **Int.Cl. 7C09D 5/08**
[25] EN
[54] **TWO-PART AQUEOUS METAL PROTECTION TREATMENT**
[54] **COMPOSITION AQUEUSE EN DEUX PARTIES POUR TRAITEMENT DE PROTECTION DE METAUX**
[72] KUCERA, HELMUT W., US
[71] LORD CORPORATION, US
[85] 2003-01-27
[86] 2001-07-23 (PCT/US2001/023228)
[87] 2002-02-07 (WO2002/010479)
[30] US (09/627,312) 2000-07-27

[21] **2,417,345**
[13] A1
[51] **Int.Cl. 7C12N 5/06 7A01K 67/027**
[25] EN
[54] **METHOD OF CLONING PORCINE ANIMALS**
[54] **METHODE DE CLONAGE DE PORCS**
[72] BISHOP, MICHAEL D., US
[72] FORSBERG, ERIK J., US
[72] BETTHAUSER, JEFFREY M., US
[72] DAMIANI, PHILIP, US
[71] INFIGEN, INC., US
[85] 2003-01-24
[86] 2001-07-27 (PCT/US2001/023781)
[87] 2002-02-07 (WO2002/010337)
[30] US (60/221,434) 2000-07-28
[30] US (09/753,323) 2000-12-28

[21] **2,417,347**
[13] A1
[51] **Int.Cl. 7C08F 8/00**
[25] EN
[54] **ALKYLARYL AND ARYLALKYL MONOSULFONIC ACID CATALYSTS FOR CROSSLINKING POLYETHYLENE**
[54] **CATALYSEURS D'ACIDE MONOSULFONIQUE ALKYLARYLE ET ARYLALKYLE POUR LA RETICULATION DE POLYETHYLENE**
[72] ABRAMSHE, RICHARD A., US
[72] HESSELL, EDWARD T., US
[72] BLANK, WERNER J., US
[71] KING INDUSTRIES, INC., US
[85] 2003-01-27
[86] 2001-08-02 (PCT/US2001/024428)
[87] 2002-02-14 (WO2002/012354)
[30] US (60/222,894) 2000-08-03
[30] US (09/909,230) 2001-07-19

[21] **2,417,348**
[13] A1
[51] **Int.Cl. 7C08F 8/00**
[25] EN
[54] **ALKYLATED ARYL DISULFONIC ACID CATALYSTS FOR CROSSLINKING POLYETHYLENE**
[54] **CATALYSEURS A BASE D'ACIDE ARYLDISULFONIQUE ALKYLE DESTINES A LA RETICULATION DU POLYETHYLENE**
[72] HESSELL, EDWARD T., US
[72] ABRAMSHE, RICHARD A., US
[72] BLANK, WERNER J., US
[71] KING INDUSTRIES, INC., US
[85] 2003-01-27
[86] 2001-08-02 (PCT/US2001/024432)
[87] 2002-02-14 (WO2002/012355)
[30] US (60/222,894) 2000-08-03
[30] US (09/909,239) 2001-07-19

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[21] **2,417,350**
[13] A1

[51] **Int.Cl. 7G01N 33/08 7A01K 43/00 7A01K 45/00**
[25] EN
[54] **METHODS AND APPARATUS FOR NON-INVASIVELY IDENTIFYING CONDITIONS OF EGGS VIA MULTI-WAVELENGTH SPECTRAL COMPARISON**
[54] **PROCEDES ET APPAREILS D'IDENTIFICATION NON INVASIVE DE L'ETAT DES OEUFS VIA LA COMPARAISON SPECTRALE DES LONGUEURS D'ONDES MULTIPLES**
[72] HUTCHINS, JAMES E., US
[72] CHALKER II, B. ALAN, US
[71] EMBREX, INC., US
[85] 2003-01-22
[86] 2001-06-12 (PCT/US2001/018908)
[87] 2002-06-27 (WO2002/050532)
[30] US (09/742,167) 2000-12-20

[21] **2,417,352**
[13] A1

[51] **Int.Cl. 7B81B 3/00 7H01H 1/00**
[25] EN
[54] **CERAMIC MICROELECTROMECHANICAL STRUCTURE**
[54] **STRUCTURE MICROELECTROMECHANIQUE CERAMIQUE**
[72] GAMLEN, CAROL, US
[72] RUMPF, RAYMOND, US
[72] NEWTON, CHARLES, US
[71] HARRIS CORPORATION, US
[85] 2003-01-27
[86] 2001-08-04 (PCT/US2001/024645)
[87] 2002-02-14 (WO2002/012114)
[30] US (09/632,701) 2000-08-04

[21] **2,417,353**
[13] A1

[51] **Int.Cl. 7C07D 267/00**
[25] EN
[54] **SINGLE-STEP PROCESS FOR PREPARING 7,16-DEOXY-2-AZA-10-O-CLADINOSIL-12-O-DESOSAMINIL-4,5-DIHYDROXI-6-ETHYL-3,5,9,11,13,15-HEXAMETHYLBICYCLE (11.2.1)HEXADECA-1(2)-EN-8-ONA AND OBTAINING A NEW FORM OF 9-DESOXO-9A-METHYL-9A-AZA-9A-HOMOERYTHROMYCIN A**
[54] **PROCEDE PERMETTANT DE PREPARER EN UNE SEULE ETAPE DE LA 7,16-DIOXA-2-AZA-10-O-CLADINOSYL-12-O-DESOSAMINYL-4,5-DIHYDROXY-6-ETHYL-3,5,9,11,13,15-HEXAMETHYLBICYCLO[11.2.1]HEXADECA-1(2)-EN-8-ONE ET PERMETTANT D'OBTENIR UNE NOUVELLE FORME DE 9-DESOXO-9A-AZA-9A-METHYL-9A-HOMOERYTHROMYCINE A**
[72] LARA OCHOA, JOSE MANUEL FRANCISCO, MX
[72] FRANCO ANDRADE, FIDENCIO, MX
[72] DE LA TORRE GARCIA, JUAN ANTONIO, MX
[71] LABORATORIO SILANES,S.A. DE C.V., MX
[71] INSTITUTO DE INVESTIGACION EN QUIMICA APLICADA S.C., MX
[85] 2003-01-27
[86] 2000-07-25 (PCT/MX2000/000030)
[87] 2003-01-27 (WO2002/010144)

[21] **2,417,355**
[13] A1

[51] **Int.Cl. 7C12Q 1/00**
[25] EN
[54] **MULTIPLEXED ENZYMATIC ASSAYS**
[54] **DOSAGES ENZYMATIQUES MULTIPLEXES**
[72] XUE, QIFENG, US
[72] GIBBONS, IAN, US
[71] ACLARA BIOSCIENCES, INC., US
[85] 2003-01-27
[86] 2001-08-08 (PCT/US2001/024758)
[87] 2002-02-14 (WO2002/012547)
[30] US (60/223,832) 2000-08-08

[21] **2,417,356**
[13] A1

[51] **Int.Cl. 7C12N 5/00**
[25] EN
[54] **DIRECTED DIFFERENTIATION OF EMBRYONIC CELLS**
[54] **DIFFERENTIATION DIRIGEE DE CELLULES EMBRYONNAIRES**
[72] BENVENISTY, NISSIM, IL
[71] YISSUM RESEARCH DEVELOPMENT COMPANY, IL
[85] 2003-01-27
[86] 2001-07-31 (PCT/IB2001/001719)
[87] 2002-02-07 (WO2002/010347)
[30] US (60/222,160) 2000-08-01
[30] US (60/267,559) 2001-02-09

[21] **2,417,358**
[13] A1

[51] **Int.Cl. 7C07D 309/30 7C12P 11/00 7C12P 13/02 7C12P 17/06 7C12P 17/08 7C12P 17/12 7C12P 17/16 7C12P 17/18 7C07C 275/24 7C12P 7/26 7C07D 211/76**
[25] EN
[54] **BIO-INTERMEDIATES FOR USE IN THE CHEMICAL SYNTHESIS OF POLYKETIDES**
[54] **BIO-INTERMEDIAIRES DESTINES A ETRE UTILISES DANS LA SYNTHESE CHIMIQUE DE POLYKETIDES**
[72] MYLES, DAVID C., US
[72] SANTI, DANIEL V., US
[72] ASHLEY, GARY, US
[71] KOSAN BIOSCIENCES, INC., US
[85] 2003-01-27
[86] 2001-08-09 (PCT/US2001/025112)
[87] 2002-02-14 (WO2002/012534)
[30] US (60/224,038) 2000-08-09
[30] US (60/237,382) 2000-10-04
[30] US (60/248,387) 2000-11-13
[30] US (09/867,845) 2001-05-29

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[21] **2,417,361**
[13] A1

[51] **Int.Cl. 7C07C 217/48 7A61P 9/06 7C07D 295/092 7C07D 295/125 7A61K 31/137 7A61K 31/14 7C07C 211/27 7A61P 25/28 7C07C 211/35 7A61K 31/40 7A61K 31/4453**

[25] EN

[54] **PHENYL- AND PHENYLALKYL-SUBSTITUTED ETHANOLAMINES AND ETHYLENEDIAMINES**

[54] **ETHANOLAMINES ET ETHYLENEDIAMINES A SUBSTITUTION PHENYLE ET PHENYLALKYLE**

[72] ENSINGER, HELMUT, DE

[72] FUCHS, KLAUS, DE

[72] WEISER, THOMAS, DE

[72] GAIDA, WOLFRAM, DE

[72] CARTER, ADRIAN, DE

[72] GRAUERT, MATTHIAS, DE

[72] STRANSKY, WERNER, DE

[71] BOEHRINGER INGELHEIM

PHARMA KG, DE

[85] 2003-01-24

[86] 2001-08-04 (PCT/EP2001/009036)

[87] 2003-01-24 (WO2002/016308)

[30] DE (100 40 901.6) 2000-08-18

[21] **2,417,363**
[13] A1

[51] **Int.Cl. 7B60L 1/00**

[25] EN

[54] **PROGRAMMABLE MATRIX CONTROLLER FOR CORRELATING ELECTRIC DEVICES IN A MOTOR VEHICLE WITH SWITCHES OF A SWITCH MODULE**

[54] **CONTROLEUR A MATRICE PROGRAMMABLE DESTINE A CORRELER DES DISPOSITIFS ELECTRIQUES DANS UN VEHICULE A MOTEUR AVEC LES COMMUTATEURS D'UN MODULE DE COMMUTATION**

[72] DANNENBERG, ROBERT D., US

[72] KELWASKI, H. EDWARD, US

[71] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC., US

[85] 2003-01-23

[86] 2001-07-05 (PCT/US2001/021499)

[87] 2002-02-07 (WO2002/009967)

[30] US (09/626,757) 2000-07-27

[21] **2,417,364**
[13] A1

[51] **Int.Cl. 7C12N 15/63 7A61K 35/00 7A61K 39/00 7A61K 48/00 7C12N 15/85**

[25] EN

[54] **COMPOSITIONS FOR AND METHODS OF USING HERPES SIMPLEX VIRUS GLYCOPROTEIN D TO SUPPRESS IMMUNE RESPONSES**

[54] **COMPOSITIONS DE GLYCOPROTEINE D DU VIRUS DE L'HERPES SIMPLEX ET METHODES D'UTILISATION CORRESPONDANT, DESTINES A LA SUPPRESSION DE REPONSES IMMUNES**

[72] WEINER, DAVID B., US

[72] SIN, JEONG IM, KR

[71] THE TRUSTEES OF THE

UNIVERSITY OF PENNSYLVANIA, US

[85] 2003-01-27

[86] 2001-07-27 (PCT/US2001/023648)

[87] 2002-02-07 (WO2002/010410)

[30] US (60/221,025) 2000-07-27

[21] **2,417,369**
[13] A1

[51] **Int.Cl. 7C07D 401/12 7C07D 401/14 7A01N 43/56**

[25] EN

[54] **PYRAZOLE DERIVATIVES, PEST CONTROL AGENT COMPRISING THE SAME AS ACTIVE INGREDIENT, AND PROCESS FOR PRODUCING THE SAME**

[54] **DERIVES DE PYRAZOLE, PESTICIDES LES CONTENANT UTILISES COMME INGREDIENTS ACTIFS ET LEUR PROCEDE DE PRODUCTION**

[72] FUKUCHI, TOSHIKI, JP

[72] OKANO, KAZUYA, JP

[72] KYOMURA, NOBOU, JP

[72] OKUI, SHUKO, JP

[72] HE, LIANGYOU, JP

[72] MIYAUCHI, AKIKO, JP

[71] NIHON NOHYAKU CO., LTD., JP

[85] 2003-01-30

[86] 2001-07-30 (PCT/JP2001/006549)

[87] 2002-02-07 (WO2002/010153)

[30] JP (2000-230238) 2000-07-31

[21] **2,417,374**
[13] A1

[51] **Int.Cl. 7A61K 39/00 7A61P 35/00 7A61P 37/04 7C12N 5/08**

[25] EN

[54] **MEDICAMENT FOR THE IMMUNOTHERAPY OF MALIGNANT TUMOURS**

[54] **MEDICAMENT DESTINE A L'IMMUNOTHERAPIE DE TUMEURS MALIGNES**

[72] ULBRICH, CLAUDIA, DE

[72] ROCKENSUSS, KLAUS-DIETER, DE

[72] GROSSMANN, ARMIN, DE

[71] LIPONOVA GMBH, DE

[85] 2003-01-27

[86] 2001-07-21 (PCT/EP2001/008455)

[87] 2003-01-27 (WO2002/009745)

[30] EP (00116362.5) 2000-07-28

[21] **2,417,376**
[13] A1

[51] **Int.Cl. 7F27B 7/20 7C04B 7/43**

[25] EN

[54] **METHOD AND PLANT FOR MANUFACTURING CEMENT CLINKER**

[54] **PROCEDE ET DISPOSITIF DE PRODUCTION DE CLINKER DE CIMENT**

[72] SKAARUP JENSEN, LARS, DK

[72] THOMSEN, KENT, DK

[71] F.L. SMIDTH A/S, DK

[85] 2003-01-24

[86] 2001-07-19 (PCT/IB2001/001296)

[87] 2002-02-28 (WO2002/016849)

[30] DK (PA 200001253) 2000-08-24

[21] **2,417,378**
[13] A1

[51] **Int.Cl. 7H03K 3/12**

[25] EN

[54] **THREE-TERMINAL INVERTING HYSTERETIC TRANSISTOR SWITCH BACKGROUND OF THE INVENTION**
[54] **COMMUTATEUR A TRANSISTOR A TROIS BORNES ET A INVERSION D'HYSTERESE**

[72] CONGDON, JAMES S., US

[71] CONGDON, JAMES S., US

[85] 2003-01-24

[86] 2000-07-25 (PCT/US2000/020203)

[87] 2002-01-31 (WO2002/009282)

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[21] **2,417,379**
[13] A1

[51] **Int.Cl. 7D06F 73/02 7B05B 17/06**
[25] EN
[54] **APPARATUS FOR CLEANING AND REFRESHING FABRICS WITH AN IMPROVED ULTRASONIC NEBULIZER, AND IMPROVED ULTRASONIC NEBULIZER**
[54] **APPAREIL DE NETTOYAGE ET DE RAFRAICHISSEMENT DE TISSUS AGISSANT PAR LE BIAIS D'UN NEBULISEUR ULTRASONORE AMELIORE, ET NEBULISEUR ULTRASONORE AMELIORE**
[72] VAN HAUWERMEIREN, TIM MARIA JORIS, BE
[72] DEWAELE, JOOST IGNACE, BE
[72] HUBESCH, BRUNO ALBERT JEAN, BE
[72] GAALOUL, SONIA, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-01-27
[86] 2001-08-10 (PCT/US2001/025238)
[87] 2002-02-21 (WO2002/014594)
[30] EP (00870179.9) 2000-08-16

[21] **2,417,382**
[13] A1

[51] **Int.Cl. 7B01F 7/04**
[25] EN
[54] **THERMOKINETIC MIXER, COMPOSITIONS AND STRUCTURAL PRODUCTS**
[54] **MELANGEUR THERMOCINETIQUE, COMPOSITIONS ET PRODUITS STRUCTURELS**
[72] BROUGH, CHRIS, US
[72] RICE, DAVID, US
[72] TAYLOR, JOHN, US
[72] GOOD, ELMER, US
[72] LITTLE, DAVID, US
[71] LITTLE, DAVID, US
[85] 2003-01-28
[86] 2001-06-25 (PCT/US2001/020178)
[87] 2002-02-07 (WO2002/009861)
[30] US (09/628,236) 2000-07-28

[21] **2,417,385**
[13] A1

[51] **Int.Cl. 7C07D 403/10 7C07D 417/10 7C07D 239/14 7C07D 277/18 7C07D 233/48 7A01N 43/50 7A01N 43/54 7A01N 43/66 7A01N 43/78 7A01N 43/80**
[25] EN
[54] **SUBSTITUTED ARYL KETONES AND THEIR USE AS HERBICIDES**
[54] **ARYLCETONES SUBSTITUEES ET LEUR UTILISATION EN TANT QU'HERBICIDES**
[72] LEHR, STEFAN, DE
[72] FEUCHT, DIETER, DE
[72] PONTZEN, ROLF, DE
[72] DAHMEN, PETER, DE
[72] DREWES, MARK WILHELM, DE
[72] SCHWARZ, HANS-GEORG, DE
[72] HOISCHEN, DOROTHEE, DE
[72] SCHALLNER, OTTO, DE
[72] MULLER, KLAUS-HELMUT, DE
[72] HERRMANN, STEFAN, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2003-01-28
[86] 2001-07-17 (PCT/EP2001/008225)
[87] 2003-01-28 (WO2002/010155)
[30] DE (100 37 149.3) 2000-07-29

[21] **2,417,392**
[13] A1

[51] **Int.Cl. 7A61K 51/04**
[25] EN
[54] **RADIOPHARMACEUTICAL FOR DIAGNOSTIC IMAGING CONTAINING A TECHNETIUM-99M NITRIDE HETEROCOMPLEX**
[54] **SUBSTANCE RADIOPHARMACEUTIQUE POUR IMAGERIE DE DIAGNOSTIC, RENFERMANT UN HETEROCOMPLEXE AU NITRURE DE TECHNETIUM-99M**
[72] REFOSCO, FIORENZO, IT
[72] TISATO, FRANCESCO, IT
[72] UCCELLI, LICIA, IT
[72] DUATTI, ADRIANO, IT
[72] BOLZATI, CRISTINA, IT
[72] BOSCHI, ALESSANDRA, IT
[71] NIHON MEDI-PHYSICS CO., LTD., JP
[85] 2003-01-27
[86] 2001-07-25 (PCT/JP2001/006402)
[87] 2002-02-07 (WO2002/009771)
[30] JP (2000-228898) 2000-07-28

[21] **2,417,394**
[13] A1

[51] **Int.Cl. 7A62D 3/00**
[25] EN
[54] **AQUEOUS FOAMABLE CONCENTRATES AND METHODS**
[54] **CONCENTRES AQUEUX MOUSSANTS ET PROCEDES ASSOCIES**
[72] HUBERT, MITCHELL J., US
[72] WALKER, GREGORY R., US
[71] ANSUL, INCORPORATED, US
[85] 2003-01-27
[86] 2001-07-25 (PCT/US2001/023302)
[87] 2002-02-07 (WO2002/009819)
[30] US (09/627,889) 2000-07-28

[21] **2,417,396**
[13] A1

[51] **Int.Cl. 7B60P 1/44 7A61G 3/06**
[25] EN
[54] **PLATFORM WITH RAMP**
[54] **PLATE-FORME AVEC RAMPE**
[72] VAN DER HEIDEN, ARNOLDUS THEODORUS, NL
[71] THYSSEN DE REUS B.V., NL
[85] 2003-01-27
[86] 2001-07-27 (PCT/NL2001/000581)
[87] 2002-02-07 (WO2002/009971)
[30] NL (1015830) 2000-07-27

[21] **2,417,397**
[13] A1

[51] **Int.Cl. 7C02F 1/50 7B01D 11/02 7E04H 4/16**
[25] EN
[54] **CHEMICAL FEEDER**
[54] **DIFFUSEUR DE PRODUIT CHIMIQUE**
[72] GINN, G. WARREN, US
[72] BLANCHETTE, DAVID W., US
[72] ZETENA, CHRISTOPHER M., US
[72] PALOIAN, MICHAEL, US
[71] ARCH CHEMICALS, INC., US
[85] 2003-01-27
[86] 2001-07-27 (PCT/US2001/023840)
[87] 2002-02-07 (WO2002/010074)
[30] US (60/221,289) 2000-07-27
[30] US (60/259,886) 2001-01-05
[30] US (09/915,859) 2001-07-26

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[21] **2,417,399**
[13] A1

[51] **Int.Cl. 7C07C 259/06 7C07C 221/00**
[25] EN
[54] **PREPARATION OF FATTY HYDROXAMATE**
[54] **PREPARATION D'HYDROXAMATE GRAS**
[72] HUGHES, TERENCE CHARLES, AU
[71] AUSMELT LIMITED, AU
[85] 2003-01-27
[86] 2001-07-27 (PCT/AU2001/000920)
[87] 2002-02-07 (WO2002/010122)
[30] AU (PQ 9068) 2000-07-28
[30] AU (PR 0551) 2000-10-03

[21] **2,417,401**
[13] A1

[51] **Int.Cl. 7C07D 405/06 7A61P 31/04 7C07D 405/14 7A61K 31/505**
[25] EN
[54] **BENZOFURAN DERIVATIVES AND THEIR USE AS ANTIBACTERIAL AGENTS**
[54] **DERIVES DU BENZOFURANNE ET LEUR UTILISATION COMME AGENTS ANTIBACTERIENS**
[72] GREIVELDINGER-POENARU, SORANA, CH
[72] GILLESSEN, DIETER, CH
[72] BURRI, KASPAR, CH
[72] ISLAM, KHALID, CH
[71] ARPIDA AG, CH
[85] 2003-01-29
[86] 2001-07-20 (PCT/EP2001/008426)
[87] 2002-02-07 (WO2002/010157)
[30] EP (PCT/EP00/07357) 2000-07-29

[21] **2,417,406**
[13] A1

[51] **Int.Cl. 7G07F 19/00 7G07F 7/08**
[25] EN
[54] **DIGITAL RECEIPT FOR A TRANSACTION**
[54] **RECU NUMERIQUE DE TRANSACTION**
[72] PRATT, ROBERT W., US
[72] SIMON, STAN J., US
[72] YUAN, XINHONG, US
[72] TULSHIBAGWALE, ATUL, US
[72] WHITEHEAD, GREGORY R., US
[71] VERISIGN, INC., US
[85] 2003-01-22
[86] 2001-07-19 (PCT/US2001/022969)
[87] 2002-02-07 (WO2002/011091)
[30] US (60/221,854) 2000-07-28
[30] US (09/907,788) 2001-07-17

[21] **2,417,411**
[13] A1

[51] **Int.Cl. 7B65H 45/24 7B65H 45/08 7B65H 45/22**
[25] EN
[54] **METHOD AND SYSTEM FOR REPLACING WEB FOLDING BOARDS**
[54] **PROCEDE ET SYSTEME POUR LE REMPLACEMENT DE PANNEAUX PLIABLES A RECEPTION DE BANDES**
[72] LONG, LES T., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2003-01-27
[86] 2001-08-08 (PCT/US2001/041635)
[87] 2002-02-14 (WO2002/012105)
[30] US (09/634,402) 2000-08-09

[21] **2,417,413**
[13] A1

[51] **Int.Cl. 7C22B 15/00 7C22B 3/06 7C22B 3/30**
[25] EN
[54] **METHOD FOR RECOVERING COPPER FROM SULFIDE ORE MATERIALS USING HIGH TEMPERATURE PRESSURE LEACHING, SOLVENT EXTRACTION AND ELECTROWINNING**
[54] **PROCEDE DE RECUPERATION DE METAUX PRECIEUX A PARTIR DE MATERIAUX METALLIFERES PAR LIXIVIATION SOUS PRESSION HAUTE TEMPERATURE**
[72] HAZEN, WAYNE W., US
[72] BAUGHMAN, DAVID R., US
[72] THOMPSON, PHILIP, US
[72] ROBERTSON, JOANNA M., US
[72] MARSDEN, JOHN O., US
[72] BREWER, ROBERT E., US
[71] PHELPS DODGE CORPORATION, US
[85] 2003-01-24
[86] 2001-07-25 (PCT/US2001/023468)
[87] 2002-01-31 (WO2002/008125)
[30] US (60/220,622) 2000-07-25

[21] **2,417,414**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING CONSUMERS WITH ELECTRONIC OFFERS FROM A VENDOR**
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION D'OFFRES ELECTRONIQUES EMANANT DE VENDEURS A DES CONSOMMATEURS**
[72] LAPOINTE, PATRICK L., US
[72] FORSYTHE, BRADLEY G., US
[72] PITTMAN, WILLIAM P., US
[71] ALLIANCE DATA SYSTEMS CORPORATION, US
[71] FORSYTHE, BRADLEY G., US
[71] LAPOINTE, PATRICK L., US
[71] PITTMAN, WILLIAM P., US
[85] 2003-01-22
[86] 2001-07-24 (PCT/US2001/023216)
[87] 2002-02-07 (WO2002/011022)
[30] US (09/624,272) 2000-07-24

[21] **2,417,417**
[13] A1

[51] **Int.Cl. 7C22B 15/00 7C22B 1/00 7C22B 3/08**
[25] EN
[54] **METHOD FOR RECOVERY OF COPPER FROM SULFIDIC ORE MATERIALS USING SUPER-FINE GRINDING AND MEDIUM TEMPERATURE PRESSURE LEACHING**
[54] **PROCEDE POUR RECUPERER DES METAUX PRECIEUX DANS DES MATERIAUX CONTENANT DES METAUX, PAR LIXIVIATION SOUS PRESSION A TEMPERATURE MOYENNE**
[72] BAUGHMAN, DAVID R., US
[72] ROBERTSON, JOANNA M., US
[72] HAZEN, WAYNE W., US
[72] THOMPSON, PHILIP, US
[72] MARSDEN, JOHN O., US
[72] BREWER, ROBERT E., US
[72] SCHMIDT, ROLAND, US
[71] PHELPS DODGE CORPORATION, US
[85] 2003-01-24
[86] 2001-07-25 (PCT/US2001/023366)
[87] 2002-01-31 (WO2002/008475)
[30] US (60/220,673) 2000-07-25

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[21] **2,417,421**
[13] A1

[51] **Int.Cl. 7C08F 20/00 7C08F 220/00**
[25] EN
[54] **WATER-SOLUBLE OR WATER-SWELLABLE, ASSOCIATIVELY THICKENING COPOLYMERS CONTAINING SULFO GROUPS, METHOD FOR PRODUCING THE SAME AND USE THEREOF**
[54] **COPOLYMERES HYDROSOLUBLES OU GONFLANT DANS L'EAU, RENFERMANT DES GROUPE SULFO ET S'EPASSISSANT PAR ASSOCIATION, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION**
[72] MELZER, MICHAELA, DE
[72] SCHUHBECK, MANFRED, DE
[72] KERN, ALFRED, DE
[72] ALBRECHT, GERHARD, DE
[72] SCHINABECK, MICHAEL, DE
[71] DEGUSSA BAUCHEMIE GMBH, DE
[85] 2003-01-30
[86] 2001-08-02 (PCT/EP2001/008938)
[87] 2003-01-30 (WO2002/010229)
[30] DE (100 37 629.0) 2000-08-02

[21] **2,417,424**
[13] A1

[51] **Int.Cl. 7D04H 11/00**
[25] EN
[54] **BORON NITRIDE PASTE COMPOSITION, BORON NITRIDE "SHELL" COATED CERAMIC STRUCTURE, AND PROCESS OF MANUFACTURING**
[54] **COMPOSITION DE PATE DE NITRURE DE BORE, COQUILLE EN NITRURE DE BORE REVETUE D'UNE STRUCTURE EN CERAMIQUE, ET PROCEDE DE FABRICATION**
[72] DERSCH, KARL W., US
[72] CHAPMAN, LLOYD R., US
[72] HOLCOMBE, CRESSIE E., JR., US
[72] IVEY, CHRISTOPHER W., US
[72] WEBB, WILLIAM B., US
[72] SCHENCK, STEVEN R., US
[71] REX ROTO TECHNOLOGIES, INC., US
[71] ZYP COATINGS, INC., US
[85] 2003-01-27
[86] 2001-07-24 (PCT/US2001/041383)
[87] 2002-02-07 (WO2002/010496)
[30] US (09/627,944) 2000-07-28

[21] **2,417,425**
[13] A1

[51] **Int.Cl. 7C08G 18/08 7B05D 7/00 7C08J 7/04 7C08G 18/48**
[25] EN
[54] **MULTI-LAYERED COATING SYSTEMS CONSISTING OF A THICK, GEL-TYPE BASE COAT AND A TOP COAT OF POLYURETHANE LACQUER, PRODUCTION AND USE THEREOF**
[54] **SYSTEMES DE REVETEMENTS MULTICOUCHES, CONSTITUES D'UNE COUCHE DE BASE EPAISSE, DE TYPE GEL, ET D'UNE COUCHE DE PROTECTION EN VERNIS DE POLYURETHANNE, LEUR PRODUCTION, AINSI QUE LEUR UTILISATION**
[72] STENDER, ADOLF, DE
[72] KOBUSCH, CLAUS, CN
[72] KUTTNER, WOLFRAM, DE
[71] TECHNOGEL GMBH & CO. KG, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2003-01-28
[86] 2001-07-23 (PCT/EP2001/008479)
[87] 2003-01-28 (WO2002/010241)
[30] DE (100 37 157.4) 2000-07-31

[21] **2,417,427**
[13] A1

[51] **Int.Cl. 7C07C 333/08 7C07D 271/06 7C07D 413/12 7C07C 311/16 7C07C 257/18 7A61K 31/18 7C07D 213/30 7C07C 317/44 7C07D 211/46**
[25] EN
[54] **ACETAMIDE DERIVATIVES AND THE USE THEREOF AS INHIBITORS OF COAGULATION FACTORS XA AND VIIA**
[54] **DERIVES D'ACETAMIDE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DU FACTEUR DE COAGULATION XA ET VIIA**
[72] BARNES, CHRISTOPHER, DE
[72] DORSCH, DIETER, DE
[72] TSAKLAKIDIS, CHRISTOS, DE
[72] GLEITZ, JOHANNES, DE
[72] JURASZYK, HORST, DE
[72] MEDERSKI, WERNER, DE
[71] MERCK PATENT GMBH, DE
[85] 2003-01-27
[86] 2001-07-03 (PCT/EP2001/007594)
[87] 2003-01-27 (WO2002/010127)
[30] DE (100 37 146.9) 2000-07-29

[21] **2,417,431**
[13] A1

[51] **Int.Cl. 7E21B 43/26 7E21B 43/08**
[25] EN
[54] **FRACTURING DIFFERENT LEVELS WITHIN A COMPLETION INTERVAL OF A WELL**
[54] **FRACTURATION DE DIFFERENTS NIVEAUX D'UN INTERVALLE D'ACHEVEMENT D'UN Puits**
[72] JONES, LLOYD G., US
[71] EXXONMOBIL OIL CORPORATION, US
[85] 2003-01-27
[86] 2001-07-23 (PCT/US2001/023045)
[87] 2002-02-07 (WO2002/010554)
[30] US (09/629,203) 2000-07-31

[21] **2,417,434**
[13] A1

[51] **Int.Cl. 7F25D 3/08**
[25] EN
[54] **NOVEL PACKAGING AND DELIVERY SYSTEM FOR AQUEOUS-BASED PRODUCTS**
[54] **NOUVEAU SYSTEME DE CONDITIONNEMENT ET DE LIVRAISON POUR PRODUITS AQUEUX**
[72] MOENICKHEIM, PETER, US
[71] MOENICKHEIM, PETER, US
[85] 2003-01-27
[86] 2000-07-27 (PCT/US2000/020391)
[87] 2002-02-07 (WO2002/010658)

[21] **2,417,437**
[13] A1

[51] **Int.Cl. 7G01C 19/66 7H01S 3/139**
[25] EN
[54] **SYSTEM AND METHOD FOR LASER CAVITY LENGTH CONTROL**
[54] **SYSTEME ET PROCEDE DE CONTROLE DE LA LONGUEUR DE LA CAVITE DU LASER**
[72] MARK, JOHN, US
[72] SCAPPATICCI, ALBERT V., US
[72] DENICE, MICHAEL W., JR., US
[72] TAZARTES, DANIEL, US
[71] NORTHROP GRUMMAN, US
[85] 2003-01-27
[86] 2001-05-14 (PCT/US2001/040726)
[87] 2002-02-07 (WO2002/010685)
[30] US (09/628,071) 2000-07-28

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[21] **2,417,444**
[13] A1
[51] **Int.Cl. 7C07D 265/02 7A61P 29/00 7C07D 413/12 7A61K 31/365 7A61K 31/536 7C07D 307/88**
[25] EN
[54] **NON-STEROIDAL INFLAMMATION INHIBITORS**
[54] **ANTI-INFLAMMATOIRES NON STEROIDIENS**
[72] HENNEKES, HARTWIG, DE
[72] SCHOTTELIUS, ARNDT, DE
[72] DROESCHER, PETER, DE
[72] SKUBALLA, WERNER, DE
[72] KROLIKIEWICZ, KONRAD, DE
[72] LEHMANN, MANFRED, DE
[72] SCHMEES, NORBERT, DE
[72] REHWINKEL, HARTMUT, DE
[72] SCHACKE, HEIKE, DE
[72] BUCHMANN, BERND, DE
[72] JAROCH, STEFAN, DE
[71] SCHERING AKTIENGESELLSCHAFT, DE
[85] 2003-01-27
[86] 2001-07-23 (PCT/EP2001/008501)
[87] 2002-02-07 (WO2002/010143)
[30] DE (100 38 639.3) 2000-07-28

[21] **2,417,451**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **ITEM DELIVERY AND RETRIEVAL SYSTEM**
[54] **SYSTEME DE LIVRAISON ET DE RECUPERATION D'OBJETS**
[72] NIELSON, RANDALL K., US
[72] SCHOFIELD, ANN C., US
[72] CHESTNUTT, BRUCE G., US
[72] NEEBE, MARK T., US
[72] JANOS, DAVID J., US
[72] TILLES, DAVID J., US
[71] NORTHROP GRUMMAN CORPORATION, US
[85] 2003-01-27
[86] 2001-07-17 (PCT/US2001/022306)
[87] 2002-01-31 (WO2002/008994)
[30] US (60/220,842) 2000-07-26
[30] US (60/265,875) 2001-02-05
[30] US (09/817,375) 2001-03-27

[21] **2,417,462**
[13] A1
[51] **Int.Cl. 7G11C 11/00 7H03K 4/90**
[25] EN
[54] **PROGRAMMABLE MOLECULAR DEVICE**
[54] **DISPOSITIF MOLECULAIRE PROGRAMMABLE**
[72] HUSBAND, SUMMER, US
[72] VAN ZANDT, BILL, US
[72] HUSBAND, CHRISTOPHER, US
[72] TOUR, JAMES M., US
[71] WM. MARSH RICE UNIVERSITY, US
[85] 2003-01-22
[86] 2001-07-25 (PCT/US2001/023333)
[87] 2002-01-31 (WO2002/009117)
[30] US (60/220,790) 2000-07-25
[30] US (60/223,644) 2000-08-08
[30] US (60/224,080) 2000-08-08
[30] US (60/273,383) 2001-03-05

[21] **2,417,477**
[13] A1
[51] **Int.Cl. 7A61N 5/00**
[25] EN
[54] **APPARATUS FOR DETERMINING THE POSITION OF RADIOACTIVE SEEDS IN NEEDLES USED FOR RADIOACTIVE SEED THERAPY FOR PROSTATE CANCER**
[54] **APPAREIL POUVANT DETERMINER LA POSITION DE GRAINS RADIOACTIFS DANS DES AIGUILLES UTILISEES POUR LE TRAITEMENT PAR GRAINS RADIOACTIFS DU CANCER DE LA PROSTATE**
[72] ELLARD, TERENCE R., US
[72] KNUDSEN, STEPHEN, US
[71] REAL WORLD DESIGN AND DEVELOPMENT COMPANY, US
[85] 2003-01-20
[86] 2001-07-20 (PCT/US2001/023128)
[87] 2002-01-31 (WO2002/007818)
[30] US (09/621,169) 2000-07-21

[21] **2,417,480**
[13] A1
[51] **Int.Cl. 7C08K 11/00 7B27N 3/04**
[25] EN
[54] **CELLULOSE REINFORCED COMPOSITE COMPOSITION**
[54] **COMPOSITION DE COMPOSITE RENFORCE PAR DE LA CELLULOSE**
[72] PARTLETT, MATTHEW, AU
[72] WU, DONG YANG, AU
[72] BATEMAN, STUART, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2003-01-27
[86] 2001-07-31 (PCT/AU2001/000936)
[87] 2002-02-07 (WO2002/010272)
[30] AU (PQ 9098) 2000-07-31

[21] **2,417,486**
[13] A1
[51] **Int.Cl. 7G01C 21/16 7G01S 5/14**
[25] EN
[54] **SECOND ORDER COMPLEMENTARY GLOBAL POSITIONING SYSTEM/INERTIAL NAVIGATION SYSTEM BLENDING FILTER**
[54] **FILTRE MELANGEUR COMPLEMENTAIRE DE DEUXIEME ORDRE D'INFORMATIONS GPS ET DE NAVIGATION INERTIELLE**
[72] MILLER, RONALD J., US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2003-01-28
[86] 2001-07-24 (PCT/US2001/023307)
[87] 2002-02-07 (WO2002/010794)
[30] US (60/221,314) 2000-07-28
[30] US (09/885,621) 2001-06-20

[21] **2,417,487**
[13] A1
[51] **Int.Cl. 7E21B 43/10**
[25] EN
[54] **DOWNHOLE EXPANDABLE TUBING**
[54] **TUBE DE PRODUCTION DE FOND DE TROU EXPANSIBLE**
[72] TILTON, FREDERICK T., US
[72] HARRALL, SIMON JOHN, GB
[72] METCALFE, PAUL DAVID, GB
[71] WEATHERFORD/LAMB, INC., US
[85] 2003-01-28
[86] 2001-10-25 (PCT/GB2001/004763)
[87] 2002-05-02 (WO2002/035058)
[30] GB (0026063.8) 2000-10-25

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[21] **2,417,489**
[13] A1

[51] **Int.Cl. 7A61K 31/404 7A61P 27/06**
[25] EN
[54] **USE OF INDOLE DERIVATIVES FOR THE MANUFACTURE OF A MEDICAMENT FOR REDUCING INTRACULAR PRESSURE**
[54] **METHODE DE REDUCTION DE LA PRESSION INTRAOCULAIRE AVEC DES DERIVES D'INDOLE**
[72] YERXA, BENJAMIN R., US
[72] PLOURDE, ROBERT JR., US
[72] BROWN, EDWARD G., US
[72] PINTOR, JESUS J., ES
[72] PERAL, MARIA A., ES
[72] PETERSON, WARD M., US
[71] INSPIRE PHARMACEUTICALS, INC., US
[71] UNIVERSITY COMPLUTENSE DE MADRID, ES
[85] 2003-01-28
[86] 2001-07-27 (PCT/US2001/024220)
[87] 2002-02-07 (WO2002/009702)
[30] ES (200001916) 2000-07-28
[30] US (60/276,885) 2001-03-16

[21] **2,417,492**
[13] A1

[51] **Int.Cl. 7A61K 45/00 7A61P 43/00 7A61P 3/04 7A61P 1/16 7C07H 15/203 7A61K 31/235 7A61K 31/704 7C07C 69/76**
[25] EN
[54] **PREVENTIVES OR REMEDIES FOR OBESITY OR FATTY LIVER**
[54] **AGENTS DE PREVENTION OU REMEDES CONTRE L'OBESITE OU LA STEATOSE HEPATIQUE**
[72] SHIOMI, TERUO, JP
[72] HARA, SEIJIRO, JP
[71] SHIONOGI & CO., LTD., JP
[85] 2003-01-28
[86] 2001-07-30 (PCT/JP2001/006532)
[87] 2003-01-28 (WO2002/009757)
[30] JP (2000-233072) 2000-08-01

[21] **2,417,494**
[13] A1

[51] **Int.Cl. 7B29C 44/38 7B29C 44/14**
[25] EN
[54] **METHOD TO IMPROVE POUR-IN-PLACE MOLDING TECHNOLOGY**
[54] **PROCEDE VISANT A AMELIORER LA TECHNIQUE DE MOULAGE PAR COULAGE**
[72] ZIBERT, RONALD, US
[71] BAYER CORPORATION, US
[85] 2003-01-28
[86] 2001-07-24 (PCT/US2001/023727)
[87] 2002-02-07 (WO2002/009922)
[30] US (09/628,823) 2000-07-31

[21] **2,417,497**
[13] A1

[51] **Int.Cl. 7H04Q 7/22 7G06F 17/60**
[25] EN
[54] **METHOD OF PERFORMING A CLIENT INVESTIGATION BY MEANS OF A MOBILE TERMINAL**
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[54] **TRANSDUCTEUR PHOTOELECTRIQUE SENSIBILISE PAR UN COLORANT**
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[54] **NOUVEAUX DERIVES DE THIOUREA ET COMPOSITIONS PHARMACEUTIQUES RENFERMANT CEUX-CI**
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[54] **SYSTEM AND METHOD FOR CONCENTRATION AND LOAD-BALANCING OF REQUESTS**
[54] **SYSTEME ET PROCEDE DE CONCENTRATION DE DEMANDES ET D'EQUILIBRAGE DE LEUR CHARGE**
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[72] FERWERDA, PAUL, US
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[54] **PROCEDE ET APPAREIL DE STOCKAGE ET DE RECUPERATION DE CLES PRIVEES DE CRYPTOGRAPHIE**
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[54] **SYSTEME ET PROCEDE PERMETTANT DE VERIFIER LA DELIVRANCE ET L'INTEGRITE D'UN MESSAGE ELECTRONIQUE**
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[54] **PROCEDES ET SYSTEMES DE TRANSMISSION ET DE GESTION DE RECU ELECTRONIQUE**
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[51] **Int.Cl. 7H01Q 11/12**
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[54] **PROCEDE ET DETECTEUR DE PUISSANCE DE TAMPONS A LOG-VIDEO SUCCESSIFS**
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[54] **AUTOMOTIVE TRIM PANEL WITH ELECTRICAL WIRING INCORPORATED THEREIN**
[54] **PANNEAU DE GARNISSAGE D'AUTOMOBILE INCORPORANT UN CABLAGE ELECTRIQUE**
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[72] LELAND, RICHARD, US
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[54] **METHOD OF COMMUNICATING DATA BETWEEN COMPUTERS HAVING DIFFERENT RECORD FORMATS**
[54] **PROCEDE POUR COMMUNIQUER DES DONNEES ENTRE DES ORDINATEURS PRESENTANT DIFFERENTES STRUCTURES D'ENREGISTREMENT**
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[54] **FORMULATION AMELIOREE D'ADDITIFS DE COMBUSTIBLE ET SON PROCEDE D'UTILISATION**
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[54] **NOUVEAUX GENES REGULATEURS JOUANT UN ROLE DANS LA SYNTHESE DE TANIN CONDENSE EFFECTUEE PAR DES PLANTES**
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[54] **ALUMINIUM-BASED ALLOY AND METHOD OF FABRICATION OF SEMIPRODUCTS THEREOF**
[54] **ALLIAGE A BASE D'ALUMINIUM ET PROCEDE DE FABRICATION DE SEMI-PRODUITS EN CET ALLIAGE**
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[72] BOROVSNIK, SVETLANA NIKOLAEVNA, RU
[72] SANDLER, VLADIMIR SOLOMONOVITCH, RU
[72] KABLOV, EVGENY NIKOLAEVITCH, RU
[72] SAMARINA, MARINA VLADIMIROVNA, RU
[72] DAVYDOV, VALENTIN GEORGIEVITCH, RU

[72] ZAKHAROV, VALERY VLADIMIROVITCH, RU
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[51] **Int.Cl. 7G01N 33/543 7B01J 19/00 7C12Q 1/00 7C12Q 1/68**
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[72] KAM, LANCE, US
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[54] **VACCINS A BASE D'ACIDE SIALIQUE MODIFIE**
[72] BORRELLI, SILVIA, CA
[72] ZOU, WEI, CA
[72] JENNINGS, HAROLD J., CA
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[51] **Int.Cl. 7D06M 11/79 7D06M 11/11 7D06M 11/38 7D06M 11/45 7D06M 11/55 7D06M 11/64 7D06M 11/65 7D06M 11/70 7D06M 11/71 7D06M 11/76**
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[54] **PROCEDE ET PRODUIT DE TRAITEMENT DE TEXTILES**
[72] KESWANI, MANISH HARDAS, IN
[72] DIVECHA, KAUSHIK NAROTAM, IN
[72] RAJAN, RAGHAVACHARI, IN
[72] DHANUKA, VINODKUMAR RAMNIRAN, IN
[72] BABU, GANGUNDI PRAKASH, IN
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[54] **MARQUEUR POUR THERAPIE ANTIDEPRESSIVE ET METHODES ASSOCIES**
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[51] **Int.Cl. 7C12N 5/06 7C12N 15/09 7C12N 5/14**
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[51] **Int.Cl. 7C11D 3/28 7C11D 3/34 7C11D 3/36**
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[54] **PROCEDE DE NETTOYAGE D'UNE SURFACE METALLIQUE**
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[51] **Int.Cl. 7F21L 4/00 7F21V 31/00**
[25] EN
[54] **FOCUSING WATERPROOF FLASHLIGHT**
[54] **LAMPE DE POCHE ETANCHE A MISE AU POINT**
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[51] **Int.Cl. 7G06F 17/00**
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[54] **METHOD FOR EVALUATING PROCESSES WITH A NUMBER OF CHARACTERISTIC FEATURES**
[54] **PROCEDE D'EVALUATION DE PROCESSUS AYANT UN CERTAIN NOMBRE DE CARACTERISTIQUES**
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[30] DE (100 36 712.7) 2000-07-27

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[51] **Int.Cl. 7H04M 11/00**
[25] EN
[54] **TELEPHONE LINE USE ENABLEMENT OF LOTTERY PARTICIPATION**
[54] **HABILITATION A L'UTILISATION D'UNE LIGNE TELEPHONIQUE POUR PARTICIPATION A UNE LOTERIE**
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[51] **Int.Cl. 7G06F 17/60**
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[54] **DISPOSITIF PERMETTANT DE FAIRE FONCTIONNER UN SYSTEME DE PRODUCTION/FOURNITURE ENGLOBANT LE CLIENT**
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[54] **PROTEINES MOTEURS ET PROCEDES D'UTILISATION**
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[86] 2001-08-03 (PCT/US2001/024285)
[87] 2002-02-14 (WO2002/012268)
[30] US (09/632,344) 2000-08-03

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[21] **2,417,590**
[13] A1

[51] **Int.Cl. 7A61K 45/00 7A61P 43/00 7C07D 487/04 7A61P 3/10 7G01N 33/15 7G01N 33/50 7A61K 31/519**
[25] EN
[54] **AGENTS FOR PREVENTING OR AMELIORATING INSULIN RESISTANCE AND/OR OBESITY**
[54] **AGENTS PERMETTANT DE PREVENIR OU D'AMELIORER L'INSULINO-RESISTANCE ET/OU L'OBESITE**
[72] HASHIMOTO, HIROYUKI, JP
[72] MIYAWAKI, KAZUMASA, JP
[72] TUBAMOTO, YOSHIHARU, JP
[72] TAKEDA, MOTOHIRO, JP
[72] YAMASHITA, TOKUYUKI, JP
[72] YAMADA, YUICHIRO, JP
[72] BAN, NOBUHIRO, JP
[72] SEINO, YUTAKA, JP
[72] JOMORI, TAKAHITO, JP
[71] SANWA KAGAKU KENKYUSHO CO., LTD., JP
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[86] 2001-05-15 (PCT/JP2001/004058)
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[30] JP (2000-143749) 2000-05-16

[21] **2,417,595**
[13] A1

[51] **Int.Cl. 7A01N 1/00 7A01N 1/02**
[25] EN
[54] **CRYOPRESERVATION OF SPERM**
[54] **CRYOPRESERVATION DU SPERME**
[72] BLASH, STEPHEN M., US
[72] GAVIN, WILLIAM A., US
[72] MELICAN, DAVID T., US
[72] CAMMUSO, CHRISTINE A., US
[71] GENZYME TRANSGENICS CORPORATION, US
[85] 2003-01-28
[86] 2001-08-10 (PCT/US2001/025234)
[87] 2002-02-14 (WO2002/012441)
[30] US (60/224,393) 2000-08-10

[21] **2,417,600**
[13] A1

[51] **Int.Cl. 7F16L 5/12**
[25] EN
[54] **CONVERTIBLE MOUNTING FOR PUSH-TO-CONNECT FITTINGS**
[54] **SUPPORT CONVERTIBLE POUR ELEMENTS DE RACCORDEMENTS A EMBOITEMENT PAR POUSSEE**
[72] NOFEL, THOMAS J., US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS, LLC, US
[85] 2003-01-28
[86] 2001-08-06 (PCT/US2001/024668)
[87] 2002-02-14 (WO2002/012768)
[30] US (09/634,084) 2000-08-08

[21] **2,417,602**
[13] A1

[51] **Int.Cl. 7F42B 12/54 7F42B 12/34**
[25] EN
[54] **NON-PENETRATING PROJECTILE**
[54] **PROJECTILE NON PENETRANT**
[72] BRYDGES-PRICE, RICHARD IAN, GB
[71] BRYDGES-PRICE, RICHARD IAN, GB
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[86] 2001-07-24 (PCT/GB2001/003320)
[87] 2002-02-07 (WO2002/010671)
[30] GB (0018593.4) 2000-07-28
[30] GB (0028371.3) 2000-11-21
[30] GB (0028961.1) 2000-11-28

[21] **2,417,603**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEMS AND METHODS FOR ANONYMOUS ELECTRONIC TRADING**
[54] **SYSTEMES ET PROCEDES DE COMMERCE ELECTRONIQUE ANONYME**
[72] LUTNICK, HOWARD W., US
[72] GINSBERG, PHILIP M., US
[72] GILBERT, ANDREW C., US
[71] ESPEED, INC., US
[85] 2003-01-28
[86] 2001-08-02 (PCT/US2001/041525)
[87] 2002-02-14 (WO2002/013115)
[30] US (60/223,028) 2000-08-04
[30] US (09/853,430) 2001-05-10

[21] **2,417,604**
[13] A1

[51] **Int.Cl. 7C11B 9/00 7C11B 9/02 7A23L 1/222**
[25] EN
[54] **USE OF ESSENTIAL OILS FOR COMBATING GI TRACT INFECTION BY HELICOBACTER-LIKE ORGANISMS**
[54] **UTILISATION D'HUILES ESSENTIELLES POUR LUTTER CONTRE UNE INFECTION DU TRACTUS GASTRO-INTESTINAL PAR DES ORGANISMES DU TYPE HELICOBACTER**
[72] AUDRIN, ANTOINE, CH
[72] AESCHBACH, ROBERT, CH
[72] MARION, JEAN-PAUL, CH
[72] CORTHESEY-THEULAZ, IRENE, CH
[72] BERGONZELLI, GABRIELA, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2003-01-28
[86] 2001-07-12 (PCT/EP2001/008076)
[87] 2002-02-14 (WO2002/012421)
[30] EP (00116729.5) 2000-08-03

[21] **2,417,605**
[13] A1

[51] **Int.Cl. 7B29B 15/12 7B32B 33/00 7B32B 27/06 7B32B 27/12 7H01M 4/88**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF COMPOSITE MATERIALS**
[54] **PROCEDE DE FABRICATION DE MATERIAUX COMPOSITES**
[72] AKIMOVICH, BOGATCHEV-EUGENIY, RU
[72] BLACH VIZOSO, RICARDO, ES
[72] ALEXANDROVICH, TSYPKIN-MIKHAIL, RU
[72] FATEEV, VLADIMIR-NIKOLAEVICH, RU
[72] IGOREVICH, POREMBSKIY-VLADIMIR, RU
[71] DAVID FUEL CELL COMPONENTS, S.L., ES
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[13] A1
[51] **Int.Cl. 7A61K 31/663 7A61P 19/08 7A61P 19/10**
[25] EN
[54] **USE OF ARYL-SUBSTITUTED 1,1-DIPHOSPHONATES FOR THE TREATMENT OF BONE DISEASES**
[54] **COMPOSES PHARMACEUTIQUES**
[72] NGUYEN, LAN MONG, CH
[72] PHAN, HIEU TRUNG, CH
[72] BENTZEN, CRAIG L., CH
[72] GUYON-GELLIN, YVES, FR
[72] NIESOR, ERIC J., CH
[71] SYMPHAR S.A., CH
[85] 2003-01-28
[86] 2001-07-27 (PCT/EP2001/008676)
[87] 2002-02-14 (WO2002/011704)
[30] GB (0019272.4) 2000-08-04

[21] **2,417,607**
[13] A1
[51] **Int.Cl. 7A61K 31/337 7A61P 1/14**
[25] EN
[54] **LIPASE INHIBITORS FOR THE TREATMENT OF DYSPEPSIA**
[54] **UTILISATION D'INHIBITEURS DE LIPASE**
[72] FRIED, MICHAEL, CH
[72] LENGSELD, HANS, CH
[72] FEINLE, CHRISTINE, AU
[72] RADES, THOMAS, NZ
[71] F. HOFFMANN-LA ROCHE AG, CH
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[86] 2001-07-28 (PCT/EP2001/008776)
[87] 2002-02-14 (WO2002/011719)
[30] EP (00117088.5) 2000-08-09

[21] **2,417,608**
[13] A1
[51] **Int.Cl. 7G01N 27/447**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING THE VELOCITY OF MIGRATING OBJECTS**
[54] **SYSTEME ET PROCEDE POUR DETERMINER LA VELOCITE D'OBJETS MIGRATOIRES**
[72] SIDERIS, DIMITRIOS, GB
[71] DIAMOND OPTICAL TECHNOLOGIES LIMITED, GB
[85] 2003-01-28
[86] 2001-07-20 (PCT/GB2001/003275)
[87] 2002-02-14 (WO2002/012876)
[30] GB (0019500.8) 2000-08-08

[21] **2,417,609**
[13] A1
[51] **Int.Cl. 7A61B 5/00**
[25] EN
[54] **APPARATUS AND METHOD FOR REPRODUCIBLY MODIFYING LOCALIZED ABSORPTION AND SCATTERING COEFFICIENTS AT A TISSUE MEASUREMENT SITE DURING OPTICAL SAMPLING**
[54] **APPAREIL ET PROCEDE PERMETTANT DE MODIFIER DE FACON REPRODUCTIBLE DES COEFFICIENTS D'ABSORPTION ET DE DIFFUSION AU NIVEAU D'UN SITE DE MESURE TISSULAIRE PENDANT L'ECHANTILLONNAGE OPTIQUE**
[72] ABUL-HAJ, ROXANNE E., US
[72] ABUL-HAJ, N. ALAN, US
[72] ACOSTA, GEORGE, US
[72] HAZEN, KEVIN H., US
[71] SENSYS MEDICAL, INC., US
[85] 2003-01-28
[86] 2001-07-09 (PCT/US2001/021657)
[87] 2002-02-07 (WO2002/010748)
[30] US (09/631,440) 2000-08-02

[21] **2,417,610**
[13] A1
[51] **Int.Cl. 7H01H 19/14**
[25] EN
[54] **SECURITY AND ENERGY CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE DE SECURITE ET D'ENERGIE**
[72] SAMBOL, ROHN A., SR., US
[72] BISKUP, JAMES H., SR., US
[72] MARTIN, DAVID V., US
[71] ENERGY TECHNOLOGIES GROUP, L.L.C., US
[85] 2003-01-28
[86] 2001-08-06 (PCT/US2001/024568)
[87] 2002-02-14 (WO2002/013218)
[30] US (60/222,972) 2000-08-04

[21] **2,417,613**
[13] A1
[51] **Int.Cl. 7G01D 11/24**
[25] EN
[54] **A PRESSURE VESSEL CAPABLE OF WITHSTANDING ELEVATED HYDROSTATIC PRESSURES, AND ELEVATED TEMPERATURE**
[54] **RECIPIENT SOUS PRESSION CAPABLE DE SUPPORTER DES PRESSIONS HYDROSTATIQUES ET DES TEMPERATURES ELEVEES**
[72] CHERBETTCHIAN, AGOP H., US
[72] FREDERICK, DONALD A., US
[72] CARLSON, KURT R., US
[72] ARAB-SADEGHABADI, AKBAR, US
[71] NORTHROP GRUMMAN, US
[85] 2003-01-29
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[87] 2002-02-07 (WO2002/010691)
[30] US (60/221,815) 2000-07-31
[30] US (09/733,748) 2000-12-07

[21] **2,417,615**
[13] A1
[51] **Int.Cl. 7F16B 39/16 7F16B 41/00 7F16B 37/14 7B60B 3/16**
[25] EN
[54] **WHEEL NUT ASSEMBLY**
[54] **ASSEMBLAGE D'ECROU DE ROUE**
[72] LEES, JOHN SYDNEY, GB
[72] VILE, DAVID DANIEL GEORGE, GB
[71] WHEELSURE LIMITED, GB
[85] 2003-01-29
[86] 2001-10-04 (PCT/GB2001/004431)
[87] 2002-04-11 (WO2002/029263)
[30] GB (0024485.5) 2000-10-06

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[21] **2,417,621**
[13] A1

[51] **Int.Cl. 7H01J 49/04**
[25] EN
[54] **METHOD AND SYSTEM FOR IDENTIFYING AND QUANTIFYING CHEMICAL COMPONENTS OF A MIXTURE**
[54] **PROCEDE ET SYSTEME POUR IDENTIFIER ET QUANTIFIER DES COMPOSANTS CHIMIQUES D'UN MELANGE**
[72] TAS, ALBERT, NL
[72] VAN DER GREEF, JAN, NL
[72] WULFERT, FLORIAN, NL
[72] VOGELS, JACIBUS THOMAS WILHELMUS ELISABETH, NL
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
[85] 2003-01-28
[86] 2001-08-03 (PCT/NL2001/000590)
[87] 2002-02-14 (WO2002/013228)
[30] NL (1015875) 2000-08-03
[30] NL (1016034) 2000-08-28

[21] **2,417,623**
[13] A1

[51] **Int.Cl. 7G01N 27/447**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING THE VELOCITY OF MIGRATING OBJECTS**
[54] **SYSTEME ET PROCEDE POUR DETERMINER LA VELOCITE D'OBJETS MIGRATOIRES**
[72] SIDERIS, DIMITRIOS, GB
[71] DIAMOND OPTICAL TECHNOLOGIES LIMITED, GB
[85] 2003-01-28
[86] 2001-07-20 (PCT/GB2001/003281)
[87] 2002-02-14 (WO2002/012877)
[30] GB (0019496.9) 2000-08-08

[21] **2,417,624**
[13] A1

[51] **Int.Cl. 7C08K 9/04**
[25] EN
[54] **USE OF AMPHIPHILIC POLYMERS OR COPOLYMERS FOR SURFACE MODIFICATION OF REACTIVE INORGANIC FILLERS**
[54] **UTILISATION DE POLYMERES AMPHIPHILES OU DE COPOLYMERES AMPHIPHILES POUR MODIFIER LA SURFACE DE MATIERES DE CHARGE INORGANIQUES REACTIVES**
[72] DICK, STEFAN, US
[72] COUTELLE, HELMUT, DE
[72] STEINMETZ, ALAN LAWRENCE, US
[72] SCHALL, NORBERT, DE
[72] DZIWOK, KLAUS, DE
[72] SCHIESSLING, HUBERT, DE
[72] KRAMER, INGE, DE
[72] SIMON, WOLFGANG, DE
[71] SUD-CHEMIE AG, DE
[85] 2003-01-28
[86] 2001-08-02 (PCT/EP2001/008941)
[87] 2003-01-28 (WO2002/012387)
[30] DE (100 38 147.2) 2000-08-04
[30] DE (100 64 240.3) 2000-12-22

[21] **2,417,625**
[13] A1

[51] **Int.Cl. 7G06F 15/16**
[25] EN
[54] **METHOD AND SYSTEM OF AUTOMATING INTERNET INTERACTIONS**
[54] **PROCEDE ET SYSTEME D'AUTOMATISATION DES INTERACTIONS SUR INTERNET**
[72] SHANKAR, KESAPRAGADA, US
[72] GANDRALA, SUBBU, US
[72] GLADSTONE, BENEDICT T. S., GB
[72] WADDINGTON, SIMON, US
[72] DOUNDAKOVA, SILVIA, US
[72] RAWAT, JAI, US
[72] FRIDMAN, VLADIMIR, US
[72] CHEMMANNOOR, GEOFFREY G., US
[72] SUBRAMANIAN, RAJALAKSHMI, US
[71] AMERICA ONLINE INCORPORATED, US
[85] 2003-01-30
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[87] 2002-04-18 (WO2002/031675)
[30] US (09/687,991) 2000-10-13

[21] **2,417,627**
[13] A1

[51] **Int.Cl. 7A61K 31/00**
[25] EN
[54] **METHOD TO TREAT INFECTIOUS DISEASES AND/OR TO ENHANCE ANTIMICROBIAL EFFICACY OF DRUGS**
[54] **PROCEDE SERVANT A TRAITER DES MALADIES INFECTIEUSES ET/OU A AUGMENTER L'EFFICACITE ANTIMICROBIENNE DE MEDICAMENTS**
[72] GOSSELIN, JEAN, CA
[72] FLAMAND, LOUIS, CA
[72] TREMBLAY, MICHEL J., CA
[72] BORGEAT, PIERRE, CA
[71] VIROCELL INC., CA
[85] 2003-01-29
[86] 2001-07-23 (PCT/CA2001/001068)
[87] 2002-02-07 (WO2002/009677)
[30] US (09/631,637) 2000-08-02

[21] **2,417,629**
[13] A1

[51] **Int.Cl. 7C07D 471/14 7A61P 35/00 7A61K 31/505**
[25] EN
[54] **DERIVATIVES OF VARIOLIN B**
[54] **DERIVES DE VARIOLINE B**
[72] BLEDA, DAVID FERNANDEZ, ES
[72] ALVAREZ, MERCEDES, ES
[72] PUENTES, JOSE LUIS FERNANDEZ, ES
[71] UNIVERSIDAD DE BARCELONA, ES
[85] 2003-01-28
[86] 2001-08-03 (PCT/GB2001/003517)
[87] 2002-02-14 (WO2002/012240)
[30] GB (0019117.1) 2000-08-03

[21] **2,417,630**
[13] A1

[51] **Int.Cl. 7A61K 9/08 7A61K 7/06 7A61P 17/14 7A61K 31/513**
[25] EN
[54] **NOVEL COMPOSITIONS OF MINOXIDIL**
[54] **NOUVELLES COMPOSITIONS COMPRENANT DU MINOXIDIL**
[72] WU, MAW-SHENG, US
[72] PENA, LORRAINE ELISABETH, US
[71] PHARMACIA AB, SE
[85] 2003-01-28
[86] 2001-06-07 (PCT/SE2001/001269)
[87] 2002-02-14 (WO2002/011698)
[30] US (09/634,399) 2000-08-09

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[21] **2,417,632**
[13] A1
[51] **Int.Cl. 7H01B 13/34 7G09F 3/20 7H01B 7/36**
[25] EN
[54] **DEVICE FOR MARKING OF WIRES AND CONDUITS**
[54] **DISPOSITIF DE MARQUAGE DE CABLES ET DE CONDUITS**
[72] MELLGREN, GUNNAR, SE
[71] PARTEX MARKING SYSTEMS AB, SE
[85] 2003-01-27
[86] 2001-08-07 (PCT/SE2001/001716)
[87] 2002-02-14 (WO2002/013207)
[30] SE (0002848-0) 2000-08-08

[21] **2,417,633**
[13] A1
[51] **Int.Cl. 7C08B 37/00 7C08L 5/00 7C08L 71/02 7C12P 19/04 7C08B 37/14 7C08L 5/14**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF CHEMICALLY OR ENZYMATICALLY MODIFIED POLYSACCHARIDES, AND PRODUCTS MADE THEREBY**
[54] **PROCEDE DE PRODUCTION DE POLYSACCHARIDES A MODIFICATION CHIMIQUE OU ENZYMATIQUE, ET PRODUITS AINSI OBTENUS**
[72] BERBERICH-FRANCHEN, SANDRA, NL
[72] DE VRIES, HIELKE TJEERD, NL
[72] HOFBAUER, MICHAELA, NL
[72] HAANDRIKMAN, ALFRED J., US
[72] BUSINK, RONALD, NL
[71] HERCULES INCORPORATED, US
[85] 2003-01-23
[86] 2001-08-01 (PCT/US2001/024329)
[87] 2002-02-14 (WO2002/012388)
[30] US (60/222,730) 2000-08-03

[21] **2,417,635**
[13] A1
[51] **Int.Cl. 7C07D 487/04 7C07D 235/00 7C07D 239/00 7A61K 31/505**
[25] EN
[54] **HETEROCYCLIC COMPOUNDS USEFUL AS INHIBITORS OF TYROSINE KINASES**
[54] **COMPOSES HETEROCYCLIQUES UTILES EN TANT QU'INHIBITEURS DE TYROSINE KINASES**
[72] HAMMACH, ABDELHAKIM, US
[72] KUZMICH, DANIEL, US
[72] GOLDBERG, DANIEL R., US
[72] TAKAHASHI, HIDENORI, US
[72] GAO, DONGHONG A., US
[72] SNOW, ROGER JOHN, US
[72] MORWICK, TINA MARIE, US
[72] SELLIAH, ROBERT D., US
[72] PROKOPOWICZ III, ANTHONY S., US
[72] MOSS, NEIL, US
[71] BOEHRINGER INGELHEIM PHARMACEUTICALS, INC., US
[85] 2003-01-21
[86] 2001-08-02 (PCT/US2001/024390)
[87] 2002-02-21 (WO2002/014319)
[30] US (60/224,724) 2000-08-11

[21] **2,417,637**
[13] A1
[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **METHOD AND APPARATUS FOR A WEB-BASED APPLICATION SERVICE MODEL FOR SECURITY MANAGEMENT**
[54] **PROCEDE ET APPAREIL POUR MODELE DE SERVICE APPLICATIF DE GESTION DE SECURITE FAISANT APPEL AU WEB**
[72] SWEET, WILLIAM B., US
[72] YU, JOHN J., US
[71] VIAQUO CORPORATION, US
[85] 2003-01-30
[86] 2001-08-15 (PCT/US2001/025730)
[87] 2002-02-21 (WO2002/015530)
[30] US (60/225,796) 2000-08-15
[30] US (60/239,019) 2000-10-04
[30] US (09/930,029) 2001-08-14

[21] **2,417,638**
[13] A1
[51] **Int.Cl. 7C07D 295/08 7C07D 271/06 7C07D 231/12 7C07D 295/12 7C07D 295/14 7A61K 31/165 7A61K 31/381 7A61K 31/395 7C07C 237/40 7C07C 235/42 7C07C 235/48 7A61P 5/48 7C07D 213/56 7C07C 233/75**
[25] EN
[54] **CARBOXAMIDE COMPOUNDS AND THEIR USE AS ANTAGONISTS OF A HUMAN 11CBY RECEPTOR**
[54] **COMPOSES DU CARBOXAMIDE ET LEUR UTILISATION COMME ANTAGONISTES D'UN RECEPTEUR 11CBY HUMAIN**
[72] STEMPE, GEOFFREY, GB
[72] JOHNSON, CHRISTOPHER NORBERT, GB
[72] THEWLIS, KEVIN MICHAEL, GB
[72] O'TOOLE, CATHERINE ANNE, GB
[72] WITTY, DAVID, GB
[72] JONES, MARTIN, GB
[71] SMITHKLINE BEECHAM P.L.C., GB
[85] 2003-01-29
[86] 2001-07-26 (PCT/EP2001/008637)
[87] 2002-02-07 (WO2002/010146)
[30] GB (0018758.3) 2000-07-31
[30] GB (0112544.2) 2001-05-23

[21] **2,417,639**
[13] A1
[51] **Int.Cl. 7C07D 209/20 7B01D 15/08**
[25] EN
[54] **ISOLATION OF NATURAL L-.BETA.-3-INDOLYLALANINE AND ENRICHMENT OF NATURAL ALIPHATIC AMINO ACID MIXTURES WITH NATURAL L-.BETA.-3-INDOLYLALANINE**
[54] **ISOLEMENT DE L-.BETA.-3-INDOLYLALANINE NATURELLE ET ENRICHISSEMENT DE MELANGES D'ACIDES AMINES ALIPHATIQUES NATURELS AVEC LA L-.BETA.-3-INDOLYLALANINE NATURELLE**
[72] POLLACK, ROBERT L., US
[72] GODFREY, JOHN C., US
[71] AMINOPATH LABS, L.L.C., US
[85] 2003-01-27
[86] 1999-08-30 (PCT/US1999/019711)
[87] 2001-03-08 (WO2001/016102)

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[21] **2,417,640**
[13] A1

[51] **Int.Cl. 7F16L 33/02**
[25] EN
[54] **GUIDE ARRANGEMENT FOR TOOL EMPLACEMENT IN HOSE CLAMPS**
[54] **DISPOSITIF DE GUIDAGE POUR UN OUTIL DE SERRAGE DANS DES COLLIERS DE SERRAGE**
[72] CRAIG, PAUL M., JR., US
[71] HANS OETIKER AG MASCHINEN-UND APPARATEFABRIK, CH
[85] 2003-01-22
[86] 2002-01-31 (PCT/US2002/001228)
[87] 2002-08-15 (WO2002/063201)
[30] US (60/266,884) 2001-02-07
[30] US (10/026,716) 2001-12-27

[21] **2,417,641**
[13] A1

[51] **Int.Cl. 7C08F 6/00**
[25] EN
[54] **WATER-SOLUBLE HOMOPOLYMERS AND COPOLYMERS HAVING AN IMPROVED ENVIRONMENTAL ACCEPTABILITY**
[54] **HOMO- ET COPOLYMERES SOLUBLES DANS L'EAU AUX PROPRIETES ECOPHILES AMELIOREES**
[72] MERTENS, RICHARD, DE
[72] HERTH, GREGOR, DE
[71] STOCKHAUSEN GMBH & CO. KG, DE
[85] 2003-01-27
[86] 2001-06-01 (PCT/EP2001/006236)
[87] 2003-01-27 (WO2002/016445)
[30] DE (100 41 392.7) 2000-08-23

[21] **2,417,643**
[13] A1

[51] **Int.Cl. 7C12N 15/56 7D21C 5/00 7D06M 16/00 7D06P 5/00 7A23L 1/03 7C11D 3/386 7C12N 9/42**
[25] EN
[54] **MUTANT TRICHODERMA REESEI EGIII CELLULASES, DNA ENCODING SUCH EGIII COMPOSITIONS AND METHODS FOR OBTAINING SAME**
[54] **CELLULASE EGIII MUTANTE, ADN CODANT CES COMPOSITIONS D'EGIII ET PROCEDES D'ELABORATION**
[72] MITCHINSON, COLIN, US
[72] GUALFETTI, PETER, US
[72] ROPP, TRACI H., US
[71] GENENCOR INTERNATIONAL, INC., US
[85] 2003-01-29
[86] 2001-07-31 (PCT/US2001/023960)
[87] 2002-02-14 (WO2002/012463)
[30] US (09/632,575) 2000-08-04

[21] **2,417,644**
[13] A1

[51] **Int.Cl. 7B41F 27/12**
[25] EN
[54] **FLEXOGRAPHIC PRINTING ELEMENTS WITH IMPROVED AIR BLEED**
[54] **PIECES POUR IMPRESSION FLEXOGRAPHIQUE A PRISE D'AIR AMELIOREE**
[72] VAN WERT, SCOTT A., US
[72] KAPFER, CRAIG A., US
[72] JORDAN, ROBERT C., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-01-28
[86] 2001-01-08 (PCT/US2001/000497)
[87] 2002-02-14 (WO2002/011985)
[30] US (09/634,150) 2000-08-08

[21] **2,417,645**
[13] A1

[51] **Int.Cl. 7A61F 2/24**
[25] EN
[54] **FRESH DONOR HEART VALVE SIZER AND METHOD OF USE**
[54] **DISPOSITIF DE CALIBRAGE DE VALVULE DE COEUR FRAIS DE DONNEUR ET PROCEDE D'UTILISATION**
[72] NGUYEN, SON VAN, US
[72] LAM, HUNG, US
[72] TON-THAT, CUONG, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2003-01-27
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[87] 2002-03-07 (WO2002/017817)
[30] US (09/653,799) 2000-08-31

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[51] **Int.Cl. 7A61K 7/00 7A01N 25/34 7A61K 31/74**
[25] EN
[54] **TOPICAL GEL DELIVERY SYSTEM**
[54] **SYSTEME DE DISTRIBUTION D'UN GEL TOPIQUE**
[72] DOW, GORDON J., US
[72] LATHROP, ROBERT W., US
[72] DOW, DEBRA A., US
[71] DOW PHARMACEUTICAL SCIENCES, US
[85] 2003-01-28
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[30] US (09/632,508) 2000-08-03

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[21] **2,417,647**
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[51] **Int.Cl. 7C11D 11/00**
[25] EN
[54] **CLEANING AID**
[54] **ASSISTANCE AU NETTOYAGE**
[72] CARVELL, MELVIN, GB
[72] THORNTHWAITE, DAVID
WILLIAM, GB
[72] EVANS, CLARE, GB
[72] ASHCROFT, ALEXANDER
THOMAS, GB
[72] NEPLENBROEK, ANTONIUS
MARIA, NL
[72] LEACH, MATTHEW JAMES, GB
[72] GRAHAM, PETER, GB
[72] SUK, BOUKE, NL
[72] MACKAY, COLINA, GB
[72] RANNARD, STEVEN, GB
[71] UNILEVER PLC, GB
[85] 2003-01-27
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[30] GB (0021182.1) 2000-08-29

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[13] A1

[51] **Int.Cl. 7C12Q 1/06 7C12Q 1/18**
[25] EN
[54] **METHOD OF EVALUATING
ANTIFUNGAL AGENT**
[54] **METHODE D'EVALUATION D'UN
AGENT ANTIFONGIQUE**
[72] NAKASHIMA, TAKUJI, JP
[72] NOZAWA, AKIRA, JP
[72] ITO, TAKAO, JP
[71] POLA CHEMICAL INDUSTRIES
INC., JP
[85] 2003-01-29
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[87] 2003-01-29 (WO2002/010440)
[30] JP (2000-232689) 2000-08-01

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[25] EN
[54] **INDAZOLE DERIVATIVES AS JNK
INHIBITORS**
[54] **DERIVES D'INDAZOLE UTILISES
COMME INHIBITEURS DE JNK ET
COMPOSITIONS ET METHODES
ASSOCIEES A CEUX-CI**
[72] BHAGWAT, SHRIPAD S., US
[72] SATOH, YOSHITAKA, US
[72] SAKATA, STEVEN T., US
[71] SIGNAL PHARMACEUTICALS, INC.,
US
[85] 2003-01-28
[86] 2001-07-30 (PCT/US2001/023890)
[87] 2002-02-07 (WO2002/010137)
[30] US (60/221,799) 2000-07-31

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[13] A1

[51] **Int.Cl. 7C07D 405/12 7A61K 31/517**
[25] EN
[54] **BICYCLIC HETEROCYCLES,
MEDICAMENTS CONTAINING THESE
COMPOUNDS, THEIR USE, AND
METHODS FOR THE PRODUCTION
THEREOF**
[54] **HETEROCYCLES BICYCLIQUES,
MEDICAMENTS CONTENANT
LESDITS COMPOSES, LEUR
UTILISATION ET PROCEDES
PERMETTANT DE LES PRODUIRE**
[72] LANGKOPF, ELKE, DE
[72] JUNG, BIRGIT, DE
[72] HIMMELSBACH, FRANK, DE
[72] SOLCA, FLAVIO, AT
[72] BLECH, STEFAN, DE
[71] BOEHRINGER INGELHEIM
PHARMA KG, DE
[85] 2003-01-28
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[87] 2003-01-28 (WO2002/018372)
[30] DE (100 42 059.1) 2000-08-26

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[13] A1

[51] **Int.Cl. 7C11D 3/37 7D06M 15/643**
[25] EN
[54] **FABRIC CARE COMPOSITIONS
COMPRISING CATIONIC SILICONES
AND METHODS EMPLOYING SAME**
[54] **COMPOSITIONS POUR
TRAITEMENT DE TISSUS
RENFERMANT DES SILICONES
CATIONIQUES ET PROCEDES
UTILISANT CELLES-CI**
[72] SMERZNAK, MARK ALLEN, BE
[72] JOHNSTON, JAMES PYOTT, BE
[72] BOUTIQUE, JEAN-POL, BE
[72] DELPLANCKE, PATRICK FIRMIN
AUGUST, BE
[72] SALDEN, IVO, BE
[72] TRUJILLO ROSALDO RAFAEL, BE
[72] MERERE, INGRID, BE
[72] MASSCHELEIN, AXEL, BE
[72] BROECKX, WALTER AUGUST
MARIA, BE
[71] THE PROCTER & GAMBLE
COMPANY, US
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[87] 2002-03-07 (WO2002/018528)
[30] US (60/228,170) 2000-08-28
[30] US (60/243,825) 2000-10-27
[30] US (60/249,059) 2000-11-15
[30] US (60/268,174) 2001-02-12

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[13] A1

[51] **Int.Cl. 7C11D 3/395 7C11D 3/39**
[25] EN
[54] **GRANULAR BLEACH
ACTIVATORS HAVING IMPROVED
SOLUBILITY PROFILES**
[54] **ACTIVATEURS DE
BLANCHIMENT EN GRAINS A
PROFILS DE SOLUBILITE
AMELIORES**
[72] CAPECI, SCOTT WILLIAM, US
[72] MAJERCZAK, VICTORIA ANN, US
[72] GIBSON, MICHAEL STEVEN, US
[71] THE PROCTER & GAMBLE
COMPANY, US
[85] 2003-01-27
[86] 2001-08-30 (PCT/US2001/026580)
[87] 2002-03-07 (WO2002/018529)
[30] US (60/228,988) 2000-08-30

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[13] A1

[51] **Int.Cl. 7C10L 1/30**
[25] EN
[54] **LOW-EMISSIONS DIESEL FUEL BLEND**
[54] **MELANGE DE CARBURANT DIESEL A FAIBLES EMISSIONS**
[72] VALENTINE, JAMES M., US
[71] CLEAN DIESEL TECHNOLOGIES, INC., US
[85] 2003-02-03
[86] 2001-08-01 (PCT/US2001/024061)
[87] 2002-02-07 (WO2002/010317)
[30] US (60/222,252) 2000-08-01

[21] **2,417,657**
[13] A1

[51] **Int.Cl. 7G01F 1/684 7G01F 15/02**
[25] EN
[54] **FLOW METERING METHOD AND FLOWMETER**
[54] **PROCEDE DE MESURE DE DEBIT ET DEBITMETRE**
[72] HIRAIZUMI, KENICHI, JP
[72] KOIKE, ATSUSHI, JP
[72] YAMAGISHI, KIYOSHI, JP
[72] FURUKI, SHINYA, JP
[71] MITSUI MINING & SMELTING CO., LTD., JP
[85] 2003-01-29
[86] 2001-07-30 (PCT/JP2001/006546)
[87] 2003-01-29 (WO2002/010693)
[30] JP (2000-231520) 2000-07-31
[30] JP (2001-111333) 2001-04-10

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[13] A1

[51] **Int.Cl. 7H04N 7/173 7H04N 7/24**
[25] EN
[54] **METHOD AND APPARATUS FOR LOCALLY TARGETING VIRTUAL OBJECTS WITHIN A TERMINAL**
[54] **PROCEDE ET APPAREIL POUR CIBLER LOCALEMENT DES OBJETS VIRTUELS DANS UN TERMINAL**
[72] ASMUSSEN, MICHAEL L., US
[71] DISCOVERY COMMUNICATIONS, INC., US
[85] 2003-01-28
[86] 2001-07-27 (PCT/US2001/023606)
[87] 2002-02-07 (WO2002/011442)
[30] US (09/628,805) 2000-07-28

[21] **2,417,659**
[13] A1

[51] **Int.Cl. 7G09B 23/00**
[25] EN
[54] **CONDUCTING REMOTE INSTRUCTOR-CONTROLLED EXPERIMENTATION**
[54] **REALISATION D'UNE EXPERIENCE A DISTANCE CONTROLEE PAR UN INSTRUCTEUR**
[72] SHEN, HONG, US
[72] SHUR, MICHAEL, US
[72] FJELDLY, TOR, NO
[71] RENSSELAER POLYTECHNIC INSTITUTE, US
[85] 2003-01-28
[86] 2001-07-31 (PCT/US2001/023944)
[87] 2002-02-07 (WO2002/010883)
[30] US (60/222,428) 2000-08-01

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[25] EN
[54] **ORTHOGONAL TECHNOLOGY FOR MULTI-LINE CHARACTER RECOGNITION**
[54] **TECHNOLOGIE ORTHOGONALE UTILISEE POUR LA RECONNAISSANCE DE CARACTERES MULTILIGNES**
[72] ELMENHURST, BRIAN J., US
[71] RAF TECHNOLOGY INC., US
[85] 2003-01-28
[86] 2001-07-30 (PCT/US2001/024015)
[87] 2002-02-07 (WO2002/010884)
[30] US (60/221,595) 2000-07-28
[30] US (60/221,695) 2000-07-31

[21] **2,417,664**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD TO AID DIAGNOSES USING CROSS-REFERENCED KNOWLEDGE AND IMAGE DATABASES**
[54] **SYSTEME ET PROCEDE DESTINES A L'AIDE AU DIAGNOSTIC AU MOYEN DE BASES DE DONNEES D'IMAGES ET DE CONNAISSANCES A REFERENCES CROISEES**
[72] PAPIER, ARTHUR, US
[72] WEYL, NANCY P., US
[71] LOGICAL IMAGES, INC, US
[85] 2003-01-29
[86] 2001-07-31 (PCT/US2001/023921)
[87] 2002-02-07 (WO2002/011035)
[30] US (60/222,573) 2000-08-01
[30] US (60/275,282) 2001-03-13
[30] US (60/307,919) 2001-07-26

[21] **2,417,665**
[13] A1

[51] **Int.Cl. 7A61C 8/00**
[25] EN
[54] **ABUTMENT FOR DENTAL IMPLANT AND ASSOCIATED COMPONENTS FOR USE THEREWITH**
[54] **BUTEE POUR IMPLANT DENTAIRE ET COMPOSANTS CONNEXES S'UTILISANT AVEC CETTE BUTEE**
[72] MORGAN, VINCENT J., US
[71] DIRO, INC., US
[85] 2003-01-27
[86] 2001-09-12 (PCT/US2001/028346)
[87] 2002-03-21 (WO2002/022038)
[30] US (60/232,522) 2000-09-14

[21] **2,417,666**
[13] A1

[51] **Int.Cl. 7H04L 12/44 7G06F 13/00**
[25] EN
[54] **PROTECTED ETHERNET BACKPLANE COMMUNICATION**
[54] **COMMUNICATION ETHERNET PROTEGEE VIA UN PANNEAU ARRIERE**
[72] DUBREUIL, CLAUDE, CA
[71] MARCONI COMMUNICATIONS, INC., US
[85] 2003-01-28
[86] 2001-07-02 (PCT/US2001/041220)
[87] 2002-02-07 (WO2002/010930)
[30] US (60/221,417) 2000-07-28
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[13] A1
[51] **Int.Cl. 7C09J 5/02 7C23C 22/56**
[25] EN
[54] **ACID PRETREATMENT FOR ADHESIVE**
[54] **PRETRAITEMENT A L'ACIDE POUR LIAISON ADHESIVE**
[54] **D'ASSEMBLAGE DE PIECES DE VEHICULE**
[72] COSTRINI, JOHN V., US
[72] MARINELLI, JAMES M., US
[72] NITOWSKI, GARY A., US
[72] SIEMON, JOHN T., US
[72] MCCLEARY, SHERRI F., US
[71] ALCOA INC., US
[85] 2003-01-27
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[87] 2002-04-18 (WO2002/031073)

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[51] **Int.Cl. 7B27K 3/32 7B27K 3/16 7B27K 3/22**
[25] EN
[54] **PRESERVING COMPOSITIONS**
[54] **COMPOSITIONS DE PRESERVATION**
[72] WATKINS, JOHN BERNARD, AU
[71] MONASH UNIVERSITY, AU
[85] 2003-01-28
[86] 2001-03-23 (PCT/AU2001/000325)
[87] 2001-09-27 (WO2001/070472)
[30] AU (PQ 6449) 2000-03-24

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[51] **Int.Cl. 7C12N 15/12 7C12N 9/00 7C12N 15/11 7C07K 14/47 7G01N 33/577 7C12Q 1/68 7A61K 31/713**
[25] EN
[54] **TRP8, TRP9 AND TRP10, NOVEL MARKERS FOR CANCER**
[54] **MARQUEURS TRP8, TRP9 ET TRP10 ASSOCIES AU CANCER**
[72] WISSENBACH, ULRICH, DE
[71] WISSENBACH, ULRICH, DE
[85] 2003-01-27
[86] 2001-07-18 (PCT/EP2001/008309)
[87] 2002-02-07 (WO2002/010382)
[30] US (60/221,513) 2000-07-28

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[13] A1
[51] **Int.Cl. 7F26B 17/10 7D21D 5/24**
[25] EN
[54] **METHOD AND APPARATUS FOR SEPARATION OF STEAM AND GAS FROM POSSIBLY GLUE-COATED FIBRE PULP PRODUCED BY A REFINER**
[54] **PROCEDE ET APPAREIL DE SEPARATION DE VAPEUR ET DE GAZ PROVENANT DE PULPE DE FIBRE EVENTUELLEMENT RECOUVERTE DE COLLE PRODUITE PAR UN RAFFINEUR**
[72] SODERBERG, CARL-JOHAN, SE
[71] METSO PAPER, INC., FI
[85] 2003-01-23
[86] 2001-09-25 (PCT/SE2001/002059)
[87] 2002-04-11 (WO2002/029342)
[30] SE (0003621-0) 2000-10-06

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[13] A1
[51] **Int.Cl. 7F01L 1/047**
[25] EN
[54] **IMPROVEMENTS IN CAM CONTACTING DEVICES**
[54] **AMELIORATIONS DE DISPOSITIFS DE CONTACT DE CAME**
[72] VOGHELL, MARK, CA
[72] POMERLEAU, DANIEL, CA
[71] ABSOLUTE ZERO EMISSION TECHNOLOGIES CORP., CA
[85] 2003-01-29
[86] 2001-08-07 (PCT/CA2001/001130)
[87] 2002-02-14 (WO2002/012682)
[30] CA (2,315,595) 2000-08-08

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[13] A1
[51] **Int.Cl. 7H04B 7/26**
[25] EN
[54] **ADAPTIVE UPLINK/DOWNLINK TIMESLOT ASSIGNMENT IN A HYBRID WIRELESS TIME DIVISION MULTIPLE ACCESS/CODE DIVISION MULTIPLE ACCESS COMMUNICATION SYSTEM**
[54] **ALLOCATION ADAPTATIVE D'INTERVALLES DE TEMPS DE LIAISON ASCENDANTE/ DESCENDANTE DANS UN SYSTEME DE COMMUNICATION HERTZIENNE HYBRIDE A ACCES MULTIPLE PAR REPARTITION DANS LE TEMPS/ ACCES MULTIPLE PAR CODE DE REPARTITION**
[72] PAN, JUNG-LIN, US
[72] ZEIRA, ARIELA, US
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US
[85] 2003-01-27
[86] 2001-07-20 (PCT/US2001/051429)
[87] 2002-09-26 (WO2002/075963)
[30] US (60/221,009) 2000-07-27

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[13] A1
[51] **Int.Cl. 7C07K 14/705 7A01K 67/027 7C12N 5/10 7C12N 15/12 7A61K 38/17 7C12N 1/21 7C07K 16/28 7A61K 39/395 7G01N 33/53 7C12Q 1/68**
[25] EN
[54] **SEQUENCES FOR INTEGRIN ALPHA-8**
[54] **SEQUENCES POUR L'INTEGRINE ALPHA-8**
[72] DING, LI, US
[72] THANGAVELU, KAVITHA, US
[72] LEE, ERNESTINE A., US
[71] INCYTE GENOMICS, INC., US
[85] 2003-01-28
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[87] 2002-02-14 (WO2002/012339)
[30] US (60/223,270) 2000-08-03

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[13] A1
[51] **Int.Cl. 7A61B 17/34**
[25] EN
[54] **MOLDED TROCAR LATCH**
[54] **VERROU MOULE POUR TROCART**
[72] STEARNS, RALPH A., US
[72] STELLON, GENE, US
[72] RACENET, DAVID C., US
[72] LEHMAN, ADAM, US
[71] TYCO HEALTHCARE GROUP LP, US
[85] 2003-01-28
[86] 2001-08-08 (PCT/US2001/024943)
[87] 2002-02-14 (WO2002/011605)
[30] US (60/223,811) 2000-08-08

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[13] A1
[51] **Int.Cl. 7C08G 83/00 7C09D 201/00 7C08L 101/00**
[25] EN
[54] **DENDRITIC MACROMOLECULE WITH IMPROVED POLYETHER POLYOL SOLUBILITY AND PROCESS FOR PRODUCTION THEREOF**
[54] **MACROMOLECULE DENDRITIQUE AYANT UNE SOLUBILITE DE POLYOL DE POLYETHER AMELIOREE ET SON PROCEDE DE PRODUCTION**
[72] HAGGMAN, BO, SE
[72] BJORNBERG, HAKAN, SE
[71] PERSTORP AB, SE
[85] 2003-01-27
[86] 2001-07-02 (PCT/SE2001/001518)
[87] 2002-02-07 (WO2002/010189)
[30] US (60/221,512) 2000-07-28

[21] **2,417,682**
[13] A1
[51] **Int.Cl. 7H01M 2/18 7H01M 6/10 7H01M 6/44 7H01M 4/86 7H01M 4/88**
[25] EN
[54] **MICROCELL ELECTROCHEMICAL DEVICES AND ASSEMBLIES, AND METHOD OF MAKING AND USING THE SAME**
[54] **DISPOSITIFS ET ENSEMBLES ELECTROCHIMIQUES A MICROCELLULES ET LEUR PROCEDE DE PRODUCTION ET D'UTILISATION**
[72] ESHRAGUI, RAY, US
[71] MICROCELL CORPORATION, US
[85] 2003-01-28
[86] 2001-07-23 (PCT/US2001/023220)
[87] 2002-01-31 (WO2002/009212)
[30] US (09/625,219) 2000-07-24
[30] US (09/624,303) 2000-07-24
[30] US (09/621,713) 2000-07-24
[30] US (09/621,228) 2000-07-24
[30] US (09/624,070) 2000-07-24
[30] US (09/625,218) 2000-07-24

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[13] A1
[51] **Int.Cl. 7C08L 101/10**
[25] EN
[54] **BINDING AGENTS AND BINDING AGENT COMPOSITIONS CONTAINING ALKOXY SILYL GROUPS, METHOD FOR THE PRODUCTION AND USE THEREOF**
[54] **LIANTS ET COMPOSITIONS DE LIANTS CONTENANT DES GROUPES ALKOXYSILYLE, PROCEDE DE FABRICATION, ET UTILISATION DE CEUX-CI**
[72] KLAUCK, WOLFGANG, DE
[72] KOLENDA, FELICITAS, DE
[72] KLEIN, JOHANN, DE
[72] HUBNER, WILFRIED, DE
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[85] 2003-01-27
[86] 2001-07-18 (PCT/EP2001/008278)
[87] 2003-01-27 (WO2002/008296)
[30] DE (100 36 404.7) 2000-07-26

[21] **2,417,691**
[13] A1
[51] **Int.Cl. 7C07C 51/43 7C07C 63/26**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF PURIFIED TEREPHTHALIC ACID**
[54] **PROCEDE DE PRODUCTION DE L'ACIDE TEREPHTHALIQUE PURIFIE**
[72] SHEPPARD, RONALD BUFORD, US
[72] O'MEADHRA, RUAIRI SEOSAMH, US
[72] LIN, ROBERT, US
[71] EASTMAN CHEMICAL COMPANY, US
[85] 2003-01-27
[86] 2002-06-04 (PCT/US2002/017498)
[87] 2002-12-12 (WO2002/098836)
[30] US (60/295,619) 2001-06-04
[30] US (10/161,571) 2002-05-31

[21] **2,417,694**
[13] A1
[51] **Int.Cl. 7A61C 5/06 7B01L 3/02**
[25] EN
[54] **PIPETTE FOR DENTAL MATERIAL**
[54] **PIPETTE POUR PRODUIT DENTAIRE**
[72] PAMEIJER, CARNELIS, US
[72] JEFFERIES, STEVEN R., US
[71] DENTSPLY INTERNATIONAL INC., US
[85] 2003-01-27
[86] 2002-06-04 (PCT/US2002/017540)
[87] 2002-12-12 (WO2002/098317)
[30] US (60/295,612) 2001-06-04
[30] US (10/162,021) 2002-06-04

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[13] A1
[51] **Int.Cl. 7B22D 11/06**
[25] EN
[54] **CONTINUOUS STRIP CASTING DEVICE AND METHOD OF USE THEREOF**
[54] **DISPOSITIF DE COULEE CONTINUE DE BANDES ET PROCEDE D'UTILISATION**
[72] TAKEUCHI, OSAMU, JP
[72] MATSUSHITA, TOSHIRO, JP
[72] KATO, HEIJI, JP
[71] CASTRIP, LLC, US
[85] 2003-01-29
[86] 2001-08-08 (PCT/AU2001/000972)
[87] 2002-02-14 (WO2002/011924)
[30] JP (2000-239777) 2000-08-08

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[21] **2,417,700**
[13] A1

[51] **Int.Cl. 7A61M 25/00 7A61N 5/10**
[25] EN
[54] **CATHETER FOR RADIATION THERAPY**
[54] **CATHETER POUR RADIOTHERAPIE**
[72] ISHIBASHI, TAKUYA, JP
[72] NAKANO, RYOJI, JP
[71] KANEKA CORPORATION, JP
[85] 2003-01-29
[86] 2001-06-15 (PCT/JP2001/005155)
[87] 2003-01-29 (WO2002/011805)
[30] JP (2000-234526) 2000-08-02

[21] **2,417,701**
[13] A1

[51] **Int.Cl. 7A61M 25/00**
[25] EN
[54] **REINFORCED CATHETER AND METHOD OF MANUFACTURE**
[54] **CATHETER RENFORCE ET PROCEDE DE FABRICATION**
[72] WILLARD, MARTIN, US
[71] BOSTON SCIENTIFIC CORPORATION, BB
[85] 2003-01-29
[86] 2001-05-30 (PCT/US2001/017353)
[87] 2002-02-14 (WO2002/011806)
[30] US (09/631,800) 2000-08-03

[21] **2,417,703**
[13] A1

[51] **Int.Cl. 7C12N 15/00 7A61K 48/00 7C12N 5/10 7C12N 15/12 7A61K 38/17 7C07K 16/18 7C07K 14/47 7C12N 15/63 7C12Q 1/68**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DIAGNOSING AND TREATING CHROMOSOME-18P RELATED DISORDERS**
[54] **METHODES ET COMPOSITIONS PERMETTANT DE DIAGNOSTIQUER ET DE TRAITER LES TROUBLES LIES AUX CHROMOSOME 18P**
[72] NOVAK, THOMAS, US
[72] CHEN, HONG, US
[72] FREIMER, NELSON B., US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2003-01-29
[86] 2001-08-02 (PCT/US2001/024417)
[87] 2002-02-07 (WO2002/010366)
[30] US (09/631,275) 2000-08-02
[30] US (09/722,544) 2000-11-28

[21] **2,417,707**
[13] A1

[51] **Int.Cl. 7C07K 14/18**
[25] EN
[54] **SID.RTM. NUCLEIC ACIDS AND POLYPEPTIDES SELECTED FROM A PATHOGENIC STRAIN OF HEPATITIS C VIRUS AND APPLICATIONS THEREOF**
[54] **ACIDES NUCLEIQUES CODANT DES POLYPEPTIDES SID.RTM. ISSUS D'UNE SOUCHE PATHOGENE DE VIRUS DE L'HEPATITE C ET LEURS APPLICATIONS**
[72] LEGRAIN, PIERRE, FR
[72] WOJCIK, JEROME, FR
[72] WHITESIDE, SIMON, FR
[71] HYBRIGENICS S.A., FR
[85] 2003-01-29
[86] 2001-07-30 (PCT/EP2001/008794)
[87] 2002-02-14 (WO2002/012290)
[30] EP (00402225.7) 2000-08-03

[21] **2,417,722**
[13] A1

[51] **Int.Cl. 7C12N 15/56 7C11D 3/386 7C12N 9/42**
[25] EN
[54] **MUTANT TRICHODERMA REESEI EGIII CELLULASES DNA ENCODING SUCH EGIII COMPOSITIONS AND METHODS FOR OBTAINING SAME**
[54] **NOUVELLES COMPOSITIONS DE VARIANTS DE CELLULASE DE TYPE EGIII**
[72] SWANSON, BARBARA A., US
[72] MITCHINSON, COLIN, US
[72] ROPP, TRACI H., US
[71] GENENCOR INTERNATIONAL, INC., US
[85] 2003-01-29
[86] 2001-07-31 (PCT/US2001/023989)
[87] 2002-02-14 (WO2002/012464)
[30] US (09/632,426) 2000-08-04

[21] **2,417,756**
[13] A1

[51] **Int.Cl. 7A61G 17/00**
[25] EN
[54] **FUNERARY CONTAINER MADE OF PAPER MATERIAL, AND ASSEMBLY DEVICE EMPLOYED THEREIN**
[54] **CERCUEIL DE PAPIER ET DISPOSITIF D'ASSEMBLAGE ASSOCIE**
[72] FORONI,IDA, IT
[71] FORONI,IDA, IT
[85] 2003-02-03
[86] 2001-07-30 (PCT/IT2001/000416)
[87] 2002-02-14 (WO2002/011660)
[30] IT (MI2000A001823) 2000-08-04

[21] **2,417,759**
[13] A1

[51] **Int.Cl. 7E02B 15/04 7B63B 35/32**
[25] EN
[54] **APPARATUS AND SYSTEM FOR THE CONTAINMENT OF OIL SPILLS**
[54] **APPAREIL ET SYSTEME DE CONFINEMENT DE DEVERSEMENTS D'HYDROCARBURES**
[72] NILSEN, DAG, NO
[71] NOFI TROMSO A/S, NO
[85] 2003-01-31
[86] 2001-07-26 (PCT/NO2001/000321)
[87] 2002-02-14 (WO2002/012636)
[30] NO (20003952) 2000-08-04

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[51] **Int.Cl. 7C12N 15/53 7C12N 9/02**
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7C12N 9/10 7C12N 9/14 7C12N 9/18
7C07K 16/40 7A61K 38/44 7A61K 38/45
7C12N 15/54 7G01N 33/68 7C12Q 1/68
[25] EN
[54] **DRUG METABOLIZING ENZYMES**
[54] **ENZYMES METABOLISANT LES**
MEDICAMENTS
[72] TRIBOULEY, CATHERINE M., US
[72] WALIA, NARINDER K., US
[72] LAL, PREETI, US
[72] DAS, DEBOPRIYA, US
[72] BRUNS, CHRISTOPHER M., US
[72] KHAN, FARRAH A., US
[72] LEE, SALLY, US
[72] LU, DYUNG AINA M., US
[72] THORNTON, MICHAEL, US
[72] SANJANWALA, MADHU S., US
[72] GANDHI, AMEENA R., US
[72] GRIFFIN, JENNIFER A., US
[72] YANG, JUNMING, US
[72] THANGAVELU, KAVITHA, US
[72] TANG, Y. TOM, US
[72] RAMKUMAR, JAYALAXMI, US
[72] RING, HUIJUN Z., US
[72] HAFALIA, APRIL J. A., US
[72] WARREN, BRIDGET A., US
[72] BAUGHN, MARIAH R., US
[72] YAO, MONIQUE G., US
[72] DELEGEANE, ANGELO M., US
[72] ELLIOT, VICKI S., US
[72] PATTERSON, CHANDRA, US
[72] LU, YAN, US
[72] DING, LI, US
[72] YUE, HENRY, US
[71] INCYTE GENOMICS, INC., US
[85] 2003-01-29
[86] 2001-08-03 (PCT/US2001/024382)
[87] 2002-02-14 (WO2002/012467)
[30] US (60/223,055) 2000-08-04
[30] US (60/224,728) 2000-08-11
[30] US (60/226,440) 2000-08-18
[30] US (60/228,067) 2000-08-24
[30] US (60/230,063) 2000-08-31
[30] US (60/232,244) 2000-09-13
[30] US (60/234,269) 2000-09-20

[21] **2,417,770**
[13] A1

[51] **Int.Cl. 7H04L 9/00**
[25] EN
[54] **TRUSTED AUTHENTICATION**
DIGITAL SIGNATURE (TADS) SYSTEM
[54] **SYSTEME DE SIGNATURE**
NUMERIQUE AVEC CERTIFICATION
D'AUTHEENTICITE
[72] WHEELER, LYNN HENRY, US
[72] WHEELER, ANNE M., US
[71] FIRST DATA CORPORATION, US
[85] 2003-02-03
[86] 2001-08-06 (PCT/US2001/024563)
[87] 2002-02-14 (WO2002/013444)
[30] US (60/223,076) 2000-08-04

[21] **2,417,775**
[13] A1

[51] **Int.Cl. 7H04N 5/445 7G06F 3/00**
7G06F 13/00
[25] EN
[54] **METHOD AND APPARATUS FOR**
TRANSITIONING BETWEEN
INTERACTIVE PROGRAM GUIDE
(IPG) PAGES
[54] **PROCEDE ET APPAREIL POUR**
TRANSITION ENTRE PAGES DE
GUIDE INTERACTIF DES
PROGRAMMES
[72] COMITO, JOHN P., US
[72] LUDVIG, EDWARD A., US
[72] GORDON, DONALD F., US
[72] BAYRAKERI, SADIK, US
[71] DIVA SYSTEMS CORPORATION, US
[85] 2003-02-03
[86] 2001-08-06 (PCT/US2001/024647)
[87] 2002-02-14 (WO2002/011517)
[30] US (09/635,508) 2000-08-09

[21] **2,417,787**
[13] A1

[51] **Int.Cl. 7C12N 15/00**
[25] EN
[54] **LIPID METABOLISM ENZYMES**
[54] **ENZYMES DU METABOLISME**
LIPIDIQUE
[72] WALIA, NARINDER K., US
[72] LU, YAN, US
[72] YAO, MONIQUE G., US
[72] GANDHI, AMEENA R., US
[72] DING, LI, US
[72] PATTERSON, CHANDRA, US
[72] GRIFFIN, JENNIFER A., US
[72] BAUGHN, MARIAH R., US
[72] HAFALIA, APRIL J. A., US
[72] TRIBOULEY, CATHERINE M., US
[72] DAS, DEBOPRIYA, US
[72] THORNTON, MICHAEL, US
[72] LAL, PREETI, US
[71] INCYTE GENOMICS, INC., US
[85] 2003-01-30
[86] 2001-08-22 (PCT/US2001/026365)
[87] 2002-02-28 (WO2002/016597)
[30] US (60/227,429) 2000-08-23
[30] US (60/231,370) 2000-09-08
[30] US (60/233,212) 2000-09-15
[30] US (60/236,885) 2000-09-29

[21] **2,417,809**
[13] A1

[51] **Int.Cl. 7C12N 15/56 7D21C 5/00**
7D06M 16/00 7D06P 5/00 7A23L 1/03
7C11D 3/386 7C12N 9/42
[25] EN
[54] **MUTANT TRICHODERMA REESEI**
EGIII CELLULASES, DNA ENCODING
SUCH EGIII COMPOSITIONS AND
METHODS FOR OBTAINING SAME
[54] **NOUVELLES COMPOSITIONS DE**
VARIANTS DE CELLULASES DE TYPE
EGIII
[72] MITCHINSON, COLIN, US
[72] PHILLIPS, JAY, US
[72] GUALFETTI, PETER, US
[71] GENENCOR INTERNATIONAL,
INC., US
[85] 2003-01-29
[86] 2001-07-31 (PCT/US2001/023946)
[87] 2002-02-14 (WO2002/012462)
[30] US (09/632,570) 2000-08-04

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[21] **2,417,816**
[13] A1
[51] **Int.Cl. 7C07D 221/12 7C07D 487/04 7C07D 491/04 7C07D 495/04 7C07D 491/22 7G01N 33/48**
[25] EN
[54] **DERIVATIVES OF 1,2-DIHYDRO-7-HYDROXYQUINOLINES CONTAINING FUSED RINGS**
[54] **DERIVES DE 1,2-DIHYDRO-7-HYDROXYQUINOLINES CONTENANT DES NOYAUX FUSIONNES**
[72] GEE, KYLE R., US
[72] DIWU, ZHENJUN, CA
[72] HAUGLAND, RICHARD P., US
[72] LIU, JIAXING, US
[71] MOLECULAR PROBES, INC., US
[85] 2003-02-03
[86] 2001-08-04 (PCT/US2001/024479)
[87] 2002-02-14 (WO2002/012195)
[30] US (60/223,086) 2000-08-04

[21] **2,417,818**
[13] A1
[51] **Int.Cl. 7C07D 417/12 7A61P 3/08 7A61K 31/44**
[25] EN
[54] **TARTRATE SALTS OF THIAZOLIDINEDIONE DERIVATIVE**
[54] **TARTRATES DE DERIVE DE THIAZOLIDINEDIONE**
[72] CHOUDARY, BERNADETTE MARIE, GB
[72] HO, TIM CHIEN TING, GB
[72] CRAIG, ANDREW SIMON, GB
[72] O'KEEFFE, DEIRDE, GB
[72] MACKENZIE, DONALD COLIN, GB
[71] SMITHKLINE BEECHAM P.L.C., GB
[85] 2003-02-03
[86] 2001-08-03 (PCT/GB2001/003506)
[87] 2002-02-14 (WO2002/012231)
[30] GB (0019223.7) 2000-08-04

[21] **2,417,823**
[13] A1
[51] **Int.Cl. 7E01C 7/14 7E04B 5/00 7E01C 11/00 7E04C 5/00 7E02D 27/01 7E02D 27/02 7E01C 11/16 7E01C 11/18**
[25] EN
[54] **METHOD AND SYSTEM FOR CONSTRUCTING LARGE CONTINUOUS CONCRETE SLABS**
[54] **PROCEDE ET SYSTEME DE CONSTRUCTION DE GRANDES DALLES CONTINUES EN BETON**
[72] COLEFAX, ROBERT FOSTER, AU
[72] GETALDIC, MIRO, AU
[72] COLEFAX, WARWICK IAN, AU
[71] BUILDING INNOVATIONS PTY LTD., AU
[85] 2003-02-03
[86] 2001-08-03 (PCT/AU2001/000950)
[87] 2002-02-14 (WO2002/012630)
[30] AU (51830/00) 2000-08-04
[30] AU (PR 4999) 2001-05-15

[21] **2,417,824**
[13] A1
[51] **Int.Cl. 7F28F 3/14 7F28F 21/06**
[25] EN
[54] **APPARATUS FOR HEAT TRANSFER BETWEEN GAS FLOWS**
[54] **DISPOSITIF DE TRANSFERT DE CHALEUR ENTRE FLUX DE GAZ**
[72] RAMM-SCHMIDT, LEIF, FI
[71] HADWACO LTD OY, FI
[85] 2003-02-03
[86] 2001-08-03 (PCT/FI2001/000692)
[87] 2002-02-14 (WO2002/012815)
[30] FI (20001748) 2000-08-04

[21] **2,417,825**
[13] A1
[51] **Int.Cl. 7C07J 31/00 7C07J 17/00 7A61P 11/06 7A61P 11/08 7A61P 5/44 7A61K 31/58**
[25] EN
[54] **6.ALPHA., 9.ALPHA.-DIFLUORO-17.ALPHA.-'(2-FURANYLCARBOXYL) OXY!-11.BETA.-HYDROXY-16.ALPHA.-METHYL-3-OXO-ANDROST-1,4,-DIENE-17-CARBOTHIOIC ACID S-FLUOROMETHYL ESTER AS AN ANTI-INFLAMMATORY AGENT**
[54] **6.ALPHA., 9.ALPHA.-DIFLUORO-17.ALPHA.-'(2-FURANYLCARBOXYLE) OXY!-11.BETA.-HYDROXY-16.ALPHA.-METHYLE-3-OXO-ANDROST-1,4,-DIENE-17-ACIDE CARBOTHIOIQUE S-FLUOROMETHYLE ESTER UTILISE COMME AGENT ANTI INFLAMMATOIRE**
[72] NICE, ROSALYN KAY, GB
[72] COOTE, STEVEN JOHN, GB
[72] BIGGADIKE, KEITH, GB
[71] GLAXO GROUP LIMITED, GB
[85] 2003-02-03
[86] 2001-08-03 (PCT/GB2001/003495)
[87] 2002-02-14 (WO2002/012265)
[30] GB (0019172.6) 2000-08-05
[30] GB (0108800.4) 2001-04-07

[21] **2,417,826**
[13] A1
[51] **Int.Cl. 7C07J 31/00 7C07J 3/00 7C07J 33/00 7C07J 71/00 7A61P 5/44 7A61K 31/58**
[25] EN
[54] **17.BETA.-CARBOTHIOATE 17.ALPHA.-ARYLCARBONYLOXYLOXY ANDROSTANE DERIVATIVE AS ANTI-INFLAMMATORY AGENTS**
[54] **DERIVES DE 17-BETA-CARBOTHIOATE-17-ALPHA-ARYLCARBONYLOXYLOXY ANDROSTANE UTILISES COMME ANTI-INFLAMMATOIRES**
[72] JONES, PAUL, GB
[72] BIGGADIKE, KEITH, GB
[72] PAYNE, JEREMY JOHN, GB
[71] GLAXO GROUP LIMITED, GB
[85] 2003-02-03
[86] 2001-08-03 (PCT/GB2001/003499)
[87] 2002-02-14 (WO2002/012266)
[30] GB (0019172.6) 2000-08-05
[30] GB (0108800.4) 2001-04-07

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[21] **2,417,827**
[13] A1
[51] **Int.Cl. 7C07D 417/12 7A61P 3/08 7A61K 31/44**
[25] EN
[54] **TARTRATE SALT OF THIAZOLIDINEDIONE DERIVATIVE**
[54] **TARTRATE DE DERIVE DE THIAZOLIDINEDIONE**
[72] CRAIG, ANDREW SIMON, GB
[72] HO, TIM CHIEN TING, GB
[71] SMITHKLINE BEECHAM P.L.C., GB
[85] 2003-02-03
[86] 2001-08-03 (PCT/GB2001/003511)
[87] 2002-02-14 (WO2002/012232)
[30] GB (0019224.5) 2000-08-04

[21] **2,417,828**
[13] A1
[51] **Int.Cl. 7C07D 417/12 7A61P 3/08 7A61K 31/44**
[25] EN
[54] **TARTRATE SALTS OF THIAZOLIDINEDIONE DERIVATIVE**
[54] **SELS DE TARTRATE DE DERIVE DE THIAZOLIDINEDIONE**
[72] MILLAN, MICHAEL, GB
[72] HO, TIM CHIEN TING, GB
[72] CRAIG, ANDREW SIMON, GB
[71] SMITHKLINE BEECHAM P.L.C., GB
[85] 2003-02-03
[86] 2001-08-03 (PCT/GB2001/003514)
[87] 2002-02-14 (WO2002/012233)
[30] GB (0019226.0) 2000-08-04

[21] **2,417,870**
[13] A1
[51] **Int.Cl. 7G02F 1/125**
[25] EN
[54] **ACOUSTO-OPTICAL VARIABLE FILTER**
[54] **FILTRE REGLABLE OPTOACOUSTIQUE**
[72] TSAREV, ANDREI VLADIMIROVICH, RU
[72] TSAREV, ANDREI VLADIMIROVICH, RU
[71] TSAREV, ANDREI VLADIMIROVICH, RU
[85] 2003-01-30
[86] 2001-04-17 (PCT/RU2001/000160)
[87] 2002-02-14 (WO2002/012953)
[30] RU (2000121145) 2000-08-04

[21] **2,417,888**
[13] A1
[51] **Int.Cl. 7G01N 33/68**
[25] EN
[54] **SPLIT-UBIQUITIN BASED REPORTER SYSTEMS AND METHODS OF THEIR USE**
[54] **SYSTEMES RAPPORTEURS A BASE D'UBIQUITINE DIVISEE ET LEURS METHODES D'UTILISATION**
[72] LEHMING, NORBERT, DE
[72] JOHNSON, NILS, DE
[72] WITTKKE, SANDRA, DE
[72] VARSHAVSKY, ALEXANDER, US
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[85] 2003-02-03
[86] 2001-08-06 (PCT/US2001/041621)
[87] 2002-02-14 (WO2002/012902)
[30] US (60/223,411) 2000-08-04

[21] **2,417,970**
[13] A1
[51] **Int.Cl. 7C12N 15/31 7C07K 14/24 7C07K 14/26 7C12P 7/60**
[25] EN
[54] **2,5-DKG PERMEASES**
[54] **PERMEASES 2,5-DKG**
[72] HOCH, JAMES A., US
[72] VALLE, FERNANDO, US
[72] KUMAR, MANOJ, US
[72] DARTOIS, VERONIQUE A., US
[71] GENENCOR INTERNATIONAL, INC., US
[71] MICROGENOMICS, INC., US
[85] 2003-01-31
[86] 2001-08-03 (PCT/US2001/024507)
[87] 2002-02-14 (WO2002/012468)
[30] US (09/633,294) 2000-08-04
[30] US (09/677,032) 2000-09-29

[21] **2,417,972**
[13] A1
[51] **Int.Cl. 7G01N 33/68 7C07K 16/00 7C12N 5/00 7C12N 15/00 7A01K 67/027 7C07K 14/47 7C12Q 1/68 7G01N 33/94**
[25] EN
[54] **SCREENING METHOD**
[54] **PROCEDE DE CRIBLAGE**
[72] WEIHE, E., DE
[72] WNENDT, STEPHAN, DE
[72] WETZELS, INGRID, DE
[72] SCHAFER, MARTIN K. H., DE
[72] GILLEN, CLEMENS, DE
[71] GRUNENTHAL GMBH, DE
[85] 2003-01-31
[86] 2001-08-03 (PCT/EP2001/009011)
[87] 2003-01-31 (WO2002/012338)
[30] DE (100 37 759.9) 2000-08-03

[21] **2,417,984**
[13] A1
[51] **Int.Cl. 7A61K 39/395 7A61P 37/00 7A01K 67/027 7A61P 37/06 7C07K 16/28**
[25] EN
[54] **METHODS FOR TREATING AUTOIMMUNE AND CHRONIC INFLAMMATORY CONDITIONS USING ANTAGONISTS OF CD30 OR CD30L**
[54] **METHODES DE TRAITEMENT DES TROUBLES INFLAMMATOIRES AUTO-IMMUNS ET CHRONIQUES AU MOYEN D'ANTAGONISTES DE CD30 OU CD30L**
[72] PLUENNEKE, JOHN D., US
[72] KENNEDY, MARY K., US
[72] MOHLER, KENDALL M., US
[72] PESCHON, JACQUES J., US
[72] BARONE, DAUPHINE S., US
[71] IMMUNEX CORPORATION, US
[85] 2003-01-29
[86] 2001-08-06 (PCT/US2001/024783)
[87] 2002-02-14 (WO2002/011767)
[30] US (60/224,079) 2000-08-08

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[21] **2,418,059**
[13] A1

[51] **Int.Cl. 7A61K 31/215 7A61P 9/00 7A61K 31/165 7A61K 31/185**
[25] EN
[54] **METHOD OF TREATING NEURODEGENERATIVE DISORDERS OF THE RETINA AND OPTIC NERVE HEAD**
[54] **PROCEDE POUR TRAITER DES TROUBLES NEURODEGENERATIFS DE LA RETINE ET DE LA PAPILLE OPTIQUE**
[72] YANNI, JOHN M., US
[72] KAPIN, MICHAEL A., US
[72] GAMACHE, DANIEL A., US
[72] GRAFF, GUSTAV, US
[71] ALCON, INC., CH
[85] 2003-02-03
[86] 2001-08-13 (PCT/US2001/025319)
[87] 2002-02-21 (WO2002/013805)
[30] US (60/225,132) 2000-08-14

[21] **2,418,062**
[13] A1

[51] **Int.Cl. 7B05B 17/06**
[25] EN
[54] **REPLACEABLE RESERVOIR FOR AN ATOMIZING APPARATUS**
[54] **RESERVOIR AMOVIBLE POUR DISPOSITIF D'ATOMISATION**
[72] SCHRAM, DAVID J., US
[72] MARTENS, EDWARD J., III, US
[72] JASHINSKE, MARYANN, US
[72] BOTICKI, JOHN A., US
[71] S. C. JOHNSON & SON, INC., US
[85] 2003-02-03
[86] 2001-07-31 (PCT/US2001/024233)
[87] 2002-02-07 (WO2002/009889)
[30] US (09/630,882) 2000-08-02

[21] **2,418,065**
[13] A1

[51] **Int.Cl. 7F21V 8/00**
[25] EN
[54] **TEXTILE PRODUCT WITH ILLUMINATED FIBRES, ARTICLE MADE THEREFROM AND PRODUCTION METHOD OF THE SAME**
[54] **PRODUIT TEXTILE A FIBRES LUMINEUSES, ARTICLE REALISE A PARTIR DE CE PRODUIT ET PROCEDE DE FABRICATION DUDIT PRODUIT**
[72] GIVOLETTI, MARCELLO, IT
[71] LUMINEX S.P.A., IT
[85] 2003-02-03
[86] 2001-08-03 (PCT/EP2001/009006)
[87] 2002-02-14 (WO2002/012785)
[30] IT (FI2000A000177) 2000-08-07

[21] **2,418,067**
[13] A1

[51] **Int.Cl. 7H01B 3/44 7H01B 13/14**
[25] EN
[54] **PROCESS FOR PRODUCING A CABLE, PARTICULARLY FOR ELECTRICAL POWER TRANSMISSION OR DISTRIBUTION, AND CABLE PRODUCED THEREFROM**
[54] **PROCEDE DE PRODUCTION D'UN CABLE, EN PARTICULIER POUR LA TRANSMISSION OU DISTRIBUTION D'ENERGIE ELECTRIQUE, ET CABLE PRODUIT SELON LEDIT PROCEDE**
[72] CASTELLANI, LUCA, IT
[72] BAREGGI, ALBERTO, IT
[72] ALBIZZATI, ENRICO, IT
[72] SCELZA, CRISTIANA, IT
[72] DELL'ANNA, GAIA, IT
[71] PIRELLI CAVI E SISTEMI S.P.A., IT
[85] 2003-02-03
[86] 2001-07-13 (PCT/EP2001/008118)
[87] 2002-02-14 (WO2002/013204)
[30] EP (00116948.1) 2000-08-07
[30] US (60/224,357) 2000-08-11

[21] **2,418,069**
[13] A1

[51] **Int.Cl. 7B22F 3/22**
[25] EN
[54] **STABLE AQUEOUS IRON BASED FEEDSTOCK FORMULATION FOR INJECTION MOLDING**
[54] **FORMULATION DE CHARGE D'ALIMENTATION AQUEUSE STABLE A BASE DE FER POUR MOULAGE A INJECTION**
[72] LASALLE, JERRY C., US
[72] GLANDZ, GEORGE A., US
[72] BEHI, MOHAMMAD, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2003-02-03
[86] 2001-07-31 (PCT/US2001/024034)
[87] 2002-02-07 (WO2002/009900)
[30] US (09/630,271) 2000-08-01

[21] **2,418,072**
[13] A1

[51] **Int.Cl. 7C12N 15/07 7A61K 48/00 7C12N 5/06 7C12N 5/22 7A61K 35/39 7C07K 14/62**
[25] EN
[54] **INSULIN PRODUCING CELL-LINE OBTAINED BY ELECTROFUSION**
[54] **LIGNEE CELLULAIRE PRODUISANT DE L'INSULINE**
[72] MCCLENAGHAN, NEVILLE HUGO, GB
[72] FLATT, PETER RAYMOND, GB
[71] UNIVERSITY OF ULSTER, GB
[85] 2003-02-03
[86] 2001-08-02 (PCT/GB2001/003476)
[87] 2002-02-07 (WO2002/010346)
[30] GB (0018808.6) 2000-08-02
[30] GB (0109633.8) 2001-04-19

[21] **2,418,073**
[13] A1

[51] **Int.Cl. 7C07C 51/12 7C07C 53/08 7C07C 51/47**
[25] EN
[54] **METHOD AND APPARATUS FOR SEQUESTERING ENTRAINED AND VOLATILE CATALYST SPECIES IN A CARBONYLATION PROCESS**
[54] **METHODE ET APPAREIL DE SEQUESTRATION D'ESPECES CATALYTIQUES ENTRAINES OU VOLATILES DANS UN PROCESSUS DE CARBONYLATION**
[72] CHEUNG, HUNG-CHEUN, US
[72] SANTILLAN, VALERIE, US
[72] SCATES, MARK O., US
[72] TORRENCE, G. PAULL, US
[72] SIBREL, ELAINE C., US
[71] CELANESE INTERNATIONAL CORPORATION, US
[85] 2003-02-03
[86] 2001-07-30 (PCT/US2001/023852)
[87] 2002-02-28 (WO2002/016297)
[30] US (09/645,642) 2000-08-24

[21] **2,418,074**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **INTERNET ADVERTISING**
[54] **PUBLICITE SUR L'INTERNET**
[72] KANTER, ANDREW S., US
[71] KANTER, ANDREW S., US
[85] 2003-02-03
[86] 2001-07-21 (PCT/US2001/023174)
[87] 2002-02-07 (WO2002/011020)
[30] US (60/222,618) 2000-08-02
[30] US (09/909,644) 2001-07-20

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| <p style="text-align: right;">[21] 2,418,075 [13] A1</p> <p>[51] Int.Cl. 7G06F 17/60 [25] EN [54] DIRECT INTERNET ADVERTISING [54] PUBLICITE DIRECTE SUR L'INTERNET [72] KANTER, ANDREW S., US [71] KANTER, ANDREW S., US [85] 2003-02-03 [86] 2001-07-21 (PCT/US2001/023175) [87] 2002-02-07 (WO2002/011021) [30] US (60/222,404) 2000-08-02 [30] US (09/909,643) 2001-07-20</p> | <p style="text-align: right;">[21] 2,418,120 [13] A1</p> <p>[51] Int.Cl. 7A61K 38/16 7C07H 21/02 7C07H 21/04 7C07K 16/28 7A61K 39/395 7G01N 33/53 [25] EN [54] HIGH AFFINITY INTEGRIN POLYPEPTIDES AND USES THEREOF [54] POLYPEPTIDES D'INTEGRINE HAUTE AFFINITE ET LEURS UTILISATIONS [72] ARNAOUT, AMIN M., US [72] XIONG, JIAN-PING, US [72] LI, RUI, US [71] THE GENERAL HOSPITAL CORPORATION, US [85] 2003-01-23 [86] 2001-07-31 (PCT/US2001/023957) [87] 2002-02-07 (WO2002/009737) [30] US (60/221,950) 2000-07-31 [30] US (09/758,493) 2001-01-11 [30] US (09/805,354) 2001-03-13</p> | <p style="text-align: right;">[21] 2,418,204 [13] A1</p> <p>[51] Int.Cl. 7C07K 7/06 7A61P 31/14 7C07K 14/18 7A61K 38/55 [25] EN [54] PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS OF HEPATITIS C VIRUS [54] NOUVEAUX PEPTIDES UTILISES COMME INHIBITEURS DE SERINE NS3 PROTEASE DU VIRUS DE L'HEPATITE C [72] BRUNCK, TERENCE K., US [72] MCCORMICK, JINPING, US [72] LOVEY, RAYMOND G., US [72] GANGULY, ASHIT K., US [72] LEVY, ODILE ESTHER, US [72] SAKSENA, ANIL K., US [72] KEMP, SCOTT JEFFREY, US [72] PIKE, RUSSELL E., US [72] GIRIJAVALLABHAN, VIYYOOR MOOPIL, US [72] WANG, HAIYAN, US [72] BOGEN, STEPHANE L., US [72] LIM-WILBY, MARGUERITA, US [72] JAO, EDWIN E., US [72] PINTO, PATRICK A., US [72] NJOROGUE, F. GEORGE, US [72] PAREKH, TEJAL, US [72] BENNETT, FRANK, US [72] ARASAPPAN, ASHOK, US [72] LIU, YI-TSUNG, US [71] SCHERING CORPORATION, US [71] CORVAS INTERNATIONAL, INC., US [85] 2003-01-17 [86] 2001-07-19 (PCT/US2001/022826) [87] 2002-01-31 (WO2002/008256) [30] US (60/220,109) 2000-07-21</p> |
| <p style="text-align: right;">[21] 2,418,077 [13] A1</p> <p>[51] Int.Cl. 7C12N 5/08 7A61L 27/38 7G01N 33/50 [25] EN [54] IN VITRO HUMAN ANGIOGENESIS MODEL [54] MODELE D'ANGIOGENESE HUMAINE IN VITRO [72] AUGER, FRANCOIS A., CA [72] BLACK, ANNIE F., FR [72] GERMAIN, LUCIE, CA [72] ROCHON, MARIE-HELENE, CA [71] UNIVERSITE LAVAL, CA [85] 2003-02-03 [86] 2001-09-05 (PCT/CA2001/001276) [87] 2002-03-14 (WO2002/020729) [30] US (60/230,427) 2000-09-06</p> | <p style="text-align: right;">[21] 2,418,199 [13] A1</p> <p>[51] Int.Cl. 7C07K 7/02 7A61P 31/14 7C07K 14/18 7A61K 38/55 [25] EN [54] PEPTIDES AS NS3-SERINE PROTEASE INHIBITORS OF HEPATITIS C VIRUS [54] NOUVEAUX PEPTIDES UTILISES COMME INHIBITEURS DE NS3-SERINE PROTEASE DU VIRUS DE L'HEPATITE C [72] BRUNCK, TERENCE K., US [72] LEVY, ODILE E., US [72] LIM-WILBY, MARGUERITA, US [71] CORVAS INTERNATIONAL, INC., US [85] 2003-01-17 [86] 2001-07-19 (PCT/US2001/023169) [87] 2002-01-31 (WO2002/008251) [30] US (60/220,101) 2000-07-21</p> | |
| <p style="text-align: right;">[21] 2,418,091 [13] A1</p> <p>[51] Int.Cl. 7C12N 7/00 7A61K 38/00 7A61K 45/00 7A61K 48/00 7C12N 7/02 7A61P 31/12 7A61K 39/21 7C12N 15/33 [25] EN [54] VIRUS-LIKE MICROGRAINS AND PROCESS FOR PRODUCING THE SAME [54] MICROGRAINS DE TYPE VIRAL ET PROCEDE DE PRODUCTION CORRESPONDANT [72] MORIKAWA, YUKO, JP [71] THE KITASATO INSTITUTE, JP [85] 2003-02-04 [86] 2001-08-07 (PCT/JP2001/006791) [87] 2002-02-14 (WO2002/012454) [30] JP (2000-239903) 2000-08-08</p> | | |

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[21] **2,418,217**
[13] A1

[51] **Int.Cl. 7G01N 33/53**
[25] EN
[54] **IDENTIFYING ANTIGEN CLUSTERS FOR MONITORING A GLOBAL STATE OF AN IMMUNE SYSTEM**
[54] **IDENTIFICATION DE GROUPES D'ANTIGENES PERMETTANT DE CONTROLER L'ETAT GENERAL D'UN SYSTEME IMMUNITAIRE**
[72] COHEN, IRUN R., IL
[72] DOMANY, EYTAN, IL
[72] GETZ, GAD, IL
[72] QUINTANA, FRANCISCO J., AR
[72] HED, GUY, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL
[85] 2003-01-17
[86] 2001-07-18 (PCT/IL2001/000660)
[87] 2002-01-31 (WO2002/008755)
[30] IL (137460) 2000-07-24

[21] **2,418,248**
[13] A1

[51] **Int.Cl. 6A22C 29/00**
[25] EN
[54] **HUMANE CRUSTACEAN PROCESSOR**
[54] **DISPOSITIF DE TRAITEMENT DES CRUSTACES SANS CRUAUTE**
[72] BUCKHAVEN, SIMON, GB
[71] BUCKHAVEN, SIMON, GB
[85] 2001-10-29
[86] 1999-04-27 (PCT/GB1999/001309)
[87] 1999-11-04 (WO1999/055166)
[30] GB (9808979.0) 1998-04-27
[30] GB (9811982.9) 1998-06-05

[21] **2,418,261**
[13] A1

[51] **Int.Cl. 7B65D 5/50 7B65D 85/62**
[25] EN
[54] **BEVERAGE AND FOOD CARRIER**
[54] **CASIER POUR ALIMENTS ET BOISSONS**
[72] DAVIS, PAUL S. V., US
[71] EASY CARRY, LLC, US
[85] 2002-12-13
[86] 2001-06-26 (PCT/US2001/020467)
[87] 2002-01-03 (WO2002/000510)
[30] US (60/214,267) 2000-06-26

[21] **2,418,352**
[13] A1

[51] **Int.Cl. 7C12N 15/65**
[25] EN
[54] **ASSAYS FOR ALTERNATIVE LENGTHENING OF TELOMERES**
[54] **ANALYSES DE VARIANTES D'ALLONGEMENT DE TELOMERES**
[72] NEUMANN, AXEL ARTHUR, AU
[72] REDDEL, ROGER ROBERT, AU
[72] DUNHAM, MELISSA ANN, AU
[72] FASCHING, CLARE LOUISE, AU
[71] CHILDREN'S MEDICAL RESEARCH INSTITUTE, AU
[85] 2003-02-05
[86] 2001-08-06 (PCT/AU2001/000954)
[87] 2002-02-14 (WO2002/012515)
[30] AU (PQ 9234) 2000-08-07

[21] **2,418,391**
[13] A1

[51] **Int.Cl. 7C07K 14/00**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF OVARIAN CANCER**
[54] **COMPOSITIONS ET PROCEDES UTILISES DANS LA THERAPIE ET LE DIAGNOSTIC DU CANCER DES OVAIRES**
[72] ALGATE, PAUL A., US
[72] KING, GORDON E., US
[72] MITCHAM, JENNIFER L., US
[72] REED, STEVEN G., US
[72] RETTER, MARC W., US
[72] FANGER, GARY RICHARD, US
[72] FLING, STEVEN P., US
[72] ALBONE, EARL, US
[72] VEDVICK, THOMAS S., US
[72] CARTER, DARRICK, US
[72] HILL, PAUL, US
[71] CORIXA CORPORATION, US
[85] 2003-01-17
[86] 2001-07-17 (PCT/US2001/022635)
[87] 2002-01-24 (WO2002/006317)
[30] US (09/617,747) 2000-07-17
[30] US (09/636,801) 2000-08-10
[30] US (09/667,857) 2000-09-20
[30] US (09/827,271) 2001-04-04
[30] US (09/884,441) 2001-06-18

[21] **2,418,395**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61P 17/00 7A61P 29/00 7C12P 21/02 7A61P 11/06 7A61P 17/06 7A61P 37/06 7A61P 37/08 7C12N 5/10 7A61P 27/16 7A61K 38/17 7C12N 1/21 7C07K 14/47**
[25] EN
[54] **PROTEIN INDUCED BY HOMOGENEOUS BLOOD TRANSFUSION AND DNA ENCODING THE SAME**
[54] **PROTEINE INDUITE PAR TRANSFUSION SANGUINE HOMOGENE ET ADN LA CODANT**
[72] KOBAYASHI, EIJI, JP
[72] KITO, YASUHIKO, JP
[72] FUJIMURA, AKIO, JP
[72] UCHIDA, HIROO, JP
[72] TANAKA, HIROKAZU, JP
[71] MARUHO CO., LTD., JP
[85] 2003-02-05
[86] 2001-08-01 (PCT/JP2001/006620)
[87] 2002-02-14 (WO2002/012495)
[30] JP (2000-241169) 2000-08-09

[21] **2,418,422**
[13] A1

[51] **Int.Cl. 7C12N 15/57 7A61K 48/00 7C12N 5/10 7C12N 1/21 7C12Q 1/37 7A61K 39/395 7C07K 16/40 7A61K 38/48 7C12N 9/64 7C12Q 1/68 7A61K 31/7088**
[25] EN
[54] **KALLIKREIN GENE**
[54] **NOUVEAU GENE KALLIKREINE**
[72] YOUSEF, GEORGE M., CA
[72] DIAMANDIS, ELEFTHERIOS P., CA
[71] MOUNT SINAI HOSPITAL, CA
[85] 2003-02-04
[86] 2001-08-10 (PCT/CA2001/001141)
[87] 2002-02-21 (WO2002/014485)
[30] US (60/224,853) 2000-08-11

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[21] **2,418,436**
[13] A1

[51] **Int.Cl. 7C12N 15/00**
[25] EN
[54] **METHYL-D-ERYTHRITOL
PHOSPHATE PATHWAY GENES**
[54] **GENES DE LA VOIE METHYL-D-
ERYTHRITOL PHOSPHATE**
[72] BORONAT, ALBERT, ES
[72] SEEMAN, MYRIAM, FR
[72] ROHMER, MICHEL, FR
[72] RODRIGUEZ-CONCEPCION,
MANUEL, ES
[72] CAMPOS, NARCISO, ES
[72] VENKATRAMESH, MYLAVARAPU,
US
[72] VALENTIN, HENRY E., US
[72] VENKATESH, TYAMAGONDLU V.,
US
[71] MONSANTO TECHNOLOGY LLC,
US
[85] 2003-02-05
[86] 2001-08-06 (PCT/US2001/024335)
[87] 2002-02-14 (WO2002/012478)
[30] US (60/223,483) 2000-08-07

[21] **2,418,442**
[13] A1

[51] **Int.Cl. 7C12N 15/86**
[25] EN
[54] **NOVEL HELPER FUNCTIONS FOR
RECOMBINANT VECTOR
PRODUCTION**
[54] **NOUVELLES FONCTIONS
AUXILIAIRES DESTINEES A LA
PRODUCTION DE VECTEURS
RECOMBINANTS**
[72] DURING, MATTHEW J., US
[72] XIAO, WEIDONG, US
[72] CAO, LEI, US
[71] NEUROLOGIX, INC., US
[85] 2003-02-05
[86] 2001-08-06 (PCT/US2001/024564)
[87] 2002-02-14 (WO2002/012525)
[30] US (09/633,566) 2000-08-07

[21] **2,418,461**
[13] A1

[51] **Int.Cl. 7C12N 15/57 7A61P 19/10
7C07K 16/18 7A61K 38/48 7C12N 15/62
7C12N 9/64 7G01N 33/68**
[25] EN
[54] **METHOD AND COMPOSITIONS
FOR PROMOTING OSTEOGENESIS**
[54] **PROCEDE ET COMPOSITIONS
CONCUS POUR FAVORISER
L'OSTEOGENESE**
[72] BOILEAU, GUY, CA
[71] BIOMEPP INC., CA
[85] 2003-02-05
[86] 2001-08-23 (PCT/CA2001/001220)
[87] 2002-02-28 (WO2002/015918)
[30] US (60/227,012) 2000-08-23

[21] **2,418,474**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 5/00
7C07K 14/00 7C12P 21/00 7C07H 21/02
7C07H 21/04 7C07K 16/18 7C12N 1/21
7C12N 15/36 7C12N 15/66 7C12Q 1/68
7C12N 15/85 7C12N 15/86**
[25] EN
[54] **21 HUMAN SECRETED PROTEINS**
[54] **21 PROTEINES HUMAINES
SECRETEES**
[72] MOORE, PAUL A., US
[72] WEI, PING, US
[72] DUAN, D. ROXANNE, US
[72] SHI, YANGGU, US
[72] EBNER, REINHARD, US
[72] SOPPET, DANIEL R., US
[72] OLSEN, HENRIK S., US
[72] CHOI, GIL H., US
[72] ROSEN, CRAIG A., US
[72] NI, JIAN, US
[72] BIRSE, CHARLES E., US
[72] FISCELLA, MICHELE, US
[72] BAKER, KEVIN P., US
[72] KOMATSOULIS, GEORGE A., US
[71] HUMAN GENOME SCIENCES, INC.,
US
[85] 2003-02-05
[86] 2001-01-17 (PCT/US2001/001435)
[87] 2002-02-28 (WO2002/016390)
[30] US (60/226,282) 2000-08-18

[21] **2,418,495**
[13] A1

[51] **Int.Cl. 7A63C 17/00**
[25] EN
[54] **INDEPENDENT WHEEL
SUSPENSION SYSTEM**
[54] **SYSTEME DE SUSPENSION DE
ROUE(S) INDEPENDANT**
[72] SYRKOS, YVES, CA
[71] SYRKOS, YVES, CA
[85] 2003-02-06
[86] 2001-08-09 (PCT/CA2001/001139)
[87] 2002-02-21 (WO2002/013925)
[30] US (09/635,841) 2000-08-11

[21] **2,418,502**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **NANOPARTICLES HAVING
OLIGONUCLEOTIDES ATTACHED
THERE TO AND USES THEREFOR**
[54] **NANOPARTICULES
COMPORANT DES
OLIGONUCLEOTIDES FIXES DESSUS
ET UTILISATIONS ASSOCIEES**
[72] TATON, THOMAS ANDREW, US
[72] GARIMELLA, VISWANADHAM, US
[72] LI, ZHI, US
[72] ELGHANIAN, ROBERT, US
[72] PARK, SO-JUNG, US
[72] MUCIC, ROBERT C., US
[72] STORHOFF, JAMES J., US
[72] LETSINGER, ROBERT L., US
[72] MIRKIN, CHAD A., US
[71] NONOSHERE INC., US
[85] 2003-02-05
[86] 2001-08-10 (PCT/US2001/025237)
[87] 2002-03-07 (WO2002/018643)
[30] US (60/224,631) 2000-08-11
[30] US (60/254,392) 2000-12-08
[30] US (60/255,235) 2000-12-11
[30] US (09/760,500) 2001-01-12
[30] US (09/820,279) 2001-03-28

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[21] **2,418,506**
[13] A1
[51] **Int.Cl. 7G01N 33/50 7G01N 33/566 7C12Q 1/68**
[25] EN
[54] **METHOD FOR IDENTIFYING SUBSTANCES WHICH POSITIVELY INFLUENCE INFLAMMATORY CONDITIONS OF CHRONIC INFLAMMATORY AIRWAY DISEASES**
[54] **PROCEDE D'IDENTIFICATION DE SUBSTANCES INFLUENCANT DE MANIERE POSITIVE DES ETATS INFLAMMATOIRES DE MALADIES INFLAMMATOIRES CHRONIQUES DES VOIES AERIENNES**
[72] MULLER, STEFAN, DE
[72] JUNG, BIRGIT, DE
[72] KRAUT, NORBERT, DE
[72] KISTLER, BARBARA, DE
[72] QUAST, KARSTEN, DE
[72] WEITH, ANDREAS, DE
[72] SEITHER, PETER, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2003-02-05
[86] 2001-08-23 (PCT/EP2001/009727)
[87] 2002-03-07 (WO2002/018938)
[30] GB (0021484.1) 2000-09-01

[21] **2,418,680**
[13] A1
[51] **Int.Cl. 7C12N 15/00**
[25] EN
[54] **11 HUMAN SECRETED PROTEINS**
[54] **11 PROTEINES HUMAINES SECRETEES**
[72] BAKER, KEVIN P., US
[72] DUAN, D. ROXANNE, US
[72] KOMATSOULIS, GEORGE A., US
[72] ROSEN, CRAIG A., US
[72] EBNER, REINHARD, US
[72] BIRSE, CHARLES E., US
[72] SOPPET, DANIEL R., US
[72] MOORE, PAUL A., US
[72] NI, JIAN, US
[72] SHI, YANGGU, US
[72] WEI, PING, US
[72] CHOI, GIL H., US
[72] FISCELLA, MICHELE, US
[72] OLSEN, HENRIK S., US
[71] HUMAN GENOME SCIENCES, INC., US
[85] 2003-02-06
[86] 2001-01-17 (PCT/US2001/001396)
[87] 2002-02-28 (WO2002/016576)
[30] US (60/226,280) 2000-08-18
[30] US (60/256,968) 2000-12-21

[21] **2,418,939**
[13] A1
[51] **Int.Cl. 7A61K 39/155 7A61K 47/02 7A61K 47/18 7A61K 47/26**
[25] EN
[54] **STABILIZATION OF IMMUNOGENS DERIVED FROM PARAMYXOVIRUSES**
[54] **STABILISATION D'IMMUNOGENES DERIVES DE PARAMYXOVIRUS**
[72] CORNET, BERNARD, CA
[72] LUCIANI, MATHILDE, CA
[72] CARPICK, BRUCE, CA
[71] AVENTIS PASTEUR, CA
[85] 2003-02-04
[86] 2001-08-02 (PCT/CA2001/001108)
[87] 2002-02-14 (WO2002/012289)
[30] US (60/223,423) 2000-08-07

[21] **2,418,676**
[13] A1
[51] **Int.Cl. 7C07H 21/04 7C07K 5/00 7C07K 14/00 7C07H 21/02 7C12N 1/21 7C12N 15/63 7C12Q 1/68 7C12N 15/85 7C12N 15/86**
[25] EN
[54] **21 HUMAN SECRETED PROTEINS**
[54] **21 PROTEINES HUMAINES SECRETEES**
[72] ROSEN, CRAIG A., US
[72] OLSEN, HENRIK S., US
[72] MOORE, PAUL A., US
[72] WEI, PING, US
[72] EBNER, REINHARD, US
[72] SOPPET, DANIEL R., US
[72] FISCELLA, MICHELE, US
[72] CHOI, GIL H., US
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[72] BIRSE, CHARLES E., US
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[72] KOMATSOULIS, GEORGE A., US
[72] SHI, YANGGU, US
[71] HUMAN GENOME SCIENCES, INC., US
[85] 2003-02-06
[86] 2001-01-17 (PCT/US2001/001394)
[87] 2002-02-28 (WO2002/016388)
[30] US (60/226,278) 2000-08-18
[30] US (60/259,805) 2001-01-05

[21] **2,418,860**
[13] A1
[51] **Int.Cl. 7B29C 45/18 7B29C 45/17**
[25] EN
[54] **DEVICE AND METHOD FOR CHARGING THE PLASTICIZING UNIT OF AN INJECTION-MOULDING MACHINE**
[54] **DISPOSITIF ET PROCEDE POUR CHARGER L'UNITE DE PLASTIFICATION D'UNE PRESSE D'INJECTION**
[72] LIEB, PETER, DE
[71] KRAUSS-MAFFEI KUNSTSTOFFTECHNIK GMBH, DE
[85] 2002-11-12
[86] 2001-05-18 (PCT/EP2001/005724)
[87] 2001-11-29 (WO2001/089796)
[30] DE (100 25 597.3) 2000-05-24

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[21] **2,413,901**
[13] A1
[51] Int.Cl. 7B01J 20/20 7C07C 231/24 7C07C 233/25
[25] EN
[54] AN ACID WASHED ADSORBENT CARBON USED IN A METHOD FOR THE PURIFICATION OF ACETAMINOPHEN
[54] CARBONE ADSORBANT LAVE A L'ACIDE A UTILISER POUR LA PURIFICATION D'ACETAMINOPHENES
[72] ZEY, EDWARD G., US
[72] FRUCHEY, OLAN STANLEY, DE
[72] WHEELER, LARRY O., US
[71] RHODIA INC., US
[22] 1991-10-17
[43] 1992-05-02
[62] 2,053,604
[30] US (608,106) 1990-11-01

[21] **2,413,997**
[13] A1
[51] Int.Cl. 7H02P 1/16 7A61M 1/00 7A61M 5/00 7H02P 8/04 7H02P 8/22
[25] EN
[54] OPEN-LOOP STEP MOTOR CONTROL SYSTEM
[54] SYSTEME DE COMMANDE DE MOTEUR PAS-A-PAS A BOUCLE OUVERTE
[72] HOLDAWAY, CHARLES R., US
[71] ALARIS MEDICAL SYSTEMS, INC., US
[22] 1996-09-11
[43] 1997-03-20
[62] 2,231,644
[30] US (08/526,468) 1995-09-11

[21] **2,417,974**
[13] A1
[51] Int.Cl. 7B01L 1/00 7F25D 31/00 7G01M 7/00
[25] EN
[54] VARIABLE VOLUME TEST CHAMBER
[54] CHAMBRE D'ESSAI A VOLUME VARIABLE
[72] BASTIEN, GILBERT J., US
[72] BAKER, LUCY A., US
[72] BAKER, PETER D., US
[72] NESSELROAD, CHRISTOPHER W., US
[72] MERCADO, ROBERT, US
[72] WEINMANN, ROBERT H., US
[71] SCREENING SYSTEMS, INC., US
[22] 1995-11-13
[43] 1996-05-23
[62] 2,205,263
[30] US (08/337,769) 1994-11-14

[21] **2,417,975**
[13] A1
[51] Int.Cl. 7B01L 1/00 7G01M 19/00
[25] EN
[54] VARIABLE VOLUME TEST CHAMBER
[54] CHAMBRE D'ESSAI A VOLUME VARIABLE
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[71] SCREENING SYSTEMS, INC., US
[22] 1995-11-13
[43] 1996-05-23
[62] 2,205,263
[30] US (08/337,769) 1994-11-14

[21] **2,417,989**
[13] A1
[51] Int.Cl. 7B41F 15/46 7G03F 5/00
[25] EN
[54] SCREEN PRINTING METHOD AND APPARATUS THEREFOR
[54] METHODE DE SERIGRAPHIE ET APPAREIL SERVANT A LA MISE EN APPLICATION DE LADITE METHODE
[72] TANI, OKIE, JP
[71] TANI ELECTRONICS INDUSTRY CO., LTD., JP
[22] 1996-02-29
[43] 1996-09-02
[62] 2,292,003
[30] JP (7-81656) 1995-03-01
[30] JP (7-296349) 1995-10-07
[30] JP (7-336532) 1995-11-17

[21] **2,417,991**
[13] A1
[51] Int.Cl. 7H04L 29/02 7H04L 12/12
[25] EN
[54] ACTIVATION OF MULTIPLE XDSL MODEMS WITH IMPLICIT CHANNEL PROBE
[54] ACTIVATION DE MULTIPLES MODEMS XDSL AU MOYEN D'UNE SONDRE DE CANAL IMPLICITE
[72] PALM, STEPHEN, JP
[71] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP
[22] 1999-03-31
[43] 1999-10-07
[62] 2,288,283
[30] US (60/080,310) 1998-04-01
[30] US (60/089,850) 1998-06-19
[30] US (60/093,669) 1998-07-22
[30] US (60/094,479) 1998-07-29

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| ROY, PATRICK | 2,053,216 | SCHUSTER, RICHARD LEE | 2,090,460 | STEWART, TOM | 2,313,715 |
| R-TECH UENO, LTD. | 2,061,907 | SCHWARTZ, RUSSELL J. | 2,103,718 | STRACK, KURT-MARTIN | 2,235,263 |
| RUBBERMAID | | SCIMED LIFE SYSTEMS, INC. | 2,186,029 | STREHLKE, PETER | 2,097,824 |
| INCORPORATED | 2,165,236 | SCOTT, MICHAEL K. | 2,267,000 | STURM, ERNST | 2,191,344 |
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| S.C. JOHNSON COMMERCIAL | | SEELAND, JON-ARNE | 2,097,197 | SUBTERRANEAN SYSTEMS | |
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| CO., LTD. | 2,244,496 | SHARP, GORDON P. | 2,286,786 | SYMANTEC CORPORATION | 2,284,214 |
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| CO., LTD. | 2,288,779 | SHELL CANADA LIMITED | 2,043,970 | TAJIMA, KAZUHIKO | 2,218,836 |
| SAMSUNG ELECTRONICS | | SHELL CANADA LIMITED | 2,092,237 | TAKAHASHI, KOJI | 2,271,866 |
| CO., LTD. | 2,292,569 | SHERWIN-WILLIAMS | | TAKAKUWA, IKUO | 2,276,979 |
| SAMSUNG ELECTRONICS | | COMPANY (THE) | 2,031,679 | TAKEDA CHEMICAL | |
| CO., LTD. | 2,295,394 | SHIDARA, SADAFUMI | 2,246,912 | INDUSTRIES, LTD. | 2,071,623 |
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| FUSE, TOMOHIRO | 2,394,985 | HASEGAWA, TORU | 2,403,590 | HONDA GIKEN KOGYO | |
| FUSE, TOMOHIRO | 2,395,008 | HASEGAWA, TORU | 2,404,114 | KABUSHIKI KAISHA | 2,404,052 |
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|--|-----------|
| ALARIS MEDICAL SYSTEMS, INC. | 2,413,997 |
| BAKER, LUCY A. | 2,417,974 |
| BAKER, LUCY A. | 2,417,975 |
| BAKER, PETER D. | 2,417,974 |
| BAKER, PETER D. | 2,417,975 |
| BASTIEN, GILBERT J. | 2,417,974 |
| BASTIEN, GILBERT J. | 2,417,975 |
| FRUCHEY, OLAN STANLEY | 2,413,901 |
| HOLDAWAY, CHARLES R. | 2,413,997 |
| MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC. | 2,417,991 |
| MERCADO, ROBERT | 2,417,974 |
| MERCADO, ROBERT | 2,417,975 |
| NESSELROAD, CHRISTOPHER W. | 2,417,974 |
| NESSELROAD, CHRISTOPHER W. | 2,417,975 |
| PALM, STEPHEN | 2,417,991 |
| RHODIA INC. | 2,413,901 |
| SCREENING SYSTEMS, INC. | 2,417,974 |
| SCREENING SYSTEMS, INC. | 2,417,975 |
| TANI ELECTRONICS INDUSTRY CO., LTD. | 2,417,989 |
| TANI, OKIE | 2,417,989 |
| WEINMANN, ROBERT | 2,417,975 |
| WEINMANN, ROBERT H. | 2,417,974 |
| WHEELER, LARRY O. | 2,413,901 |
| ZEY, EDWARD G. | 2,413,901 |