

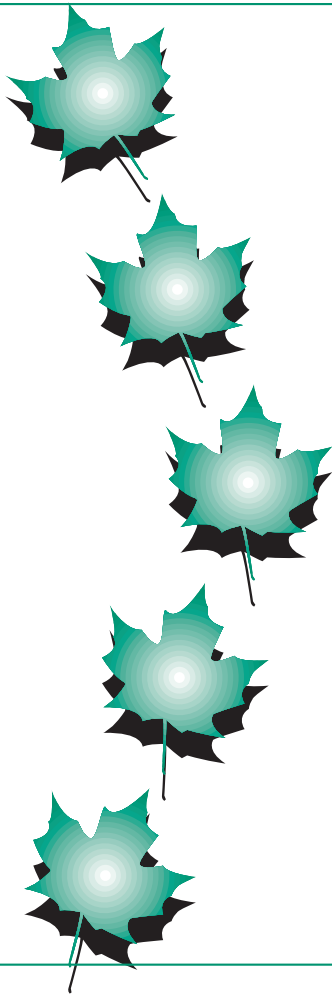


**Canadian
Intellectual Property
Office**

An Agency of
Industry Canada

**Office de la propriété
intellectuelle
du Canada**

Un organisme
d'Industrie Canada



**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

Vol. 132, No. 8 February 24, 2004

Vol. 132, N° 8 le 24 février 2004

Canada

CIPO  OPIC

THE PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

David Tobin
Commissioner of Patents

David Tobin
Commissaire aux brevets

The Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications other than those concerning subscriptions or requests for single copies should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

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

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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 October 28, 2003 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-Gatineau, 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-Gatineau, 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 \$1 per page reproduced by the Patent Office.

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

Paper copies of all other Canadian Patents and Canadian Laid-Open Applications may be purchased at the cost of \$1 per page by visiting www.strategis.ic.gc.ca/patentsorder or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting a copy in electronic form of a document, N/A
a) for each request \$10
b) plus, for each patent or application to which the request relates \$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first \$10

2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 28 octobre 2003 et sera republiée deux fois par année dans le dernier numéro des mois d'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-Gatineau, 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-Gatineau, 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 1 \$ 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 de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site web au www.strategis.ic.gc.ca/brevetscommande ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique : S.O.
a) pour chaque demande 10 \$
b) pour chaque demande de brevet ou brevet visé par la demande 10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel 10 \$

Notices

d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes \$10

d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur 10 \$

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 \$1 per page from the Patent Office.

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 1 \$ la page.

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-Gatineau, 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.

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-Gatineau, 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. 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-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

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-Gatineau, 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.

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.

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. 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.

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

2,248,634

2,364,231

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.

2,248,634

2,364,231

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 FROM JANUARY 1, 2004

1. Transmittal Fee (Rule 14)	\$ 300.00
2. *International Filing Fee	\$1394.00
Amount for each additional sheet over 30	\$ 15.00
3. International Search Fee	\$2362.00

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 Office). These fees are to be paid in Canadian dollars and made payable to the Receiver General for 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: International Filing Fee**

Preliminary Examination

6. Handling Fee (Rule 57.2(a))	159 Euro
7. Preliminary Examination Fee (Rule 58)	1530 Euro

The Preliminary Examination Fees are payable in Euros 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 \$100 for all applications filed using PCT-SAFE**
** PCT-SAFE is replacing PCT-EASY.

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

BARÈME DE TAXES À PARTIR DU 1 JANVIER 2004

1. Taxe de transmission (Règle 14)	300,00 \$
2. *Taxe de dépôt internationale (Règle 15.2(a))	1394,00 \$
Montant pour chaque feuille au delà de 30	15,00 \$
3. Taxe de recherche internationale	2362,00 \$

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). Les taxes doivent être payées en dollars canadiens et sont payables au Receveur Général du Canada.

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à lui 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	159 Euro
7. Taxe d'examen préliminaire (Règle 58)	1530 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 011-4989-2399-4465.

* Les frais seront réduits de 100 \$ pour toutes les demandes déposées en utilisant PCT-SAFE**
** PCT-SAFE remplacera PCT-EASY

Avis

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

Please note that the information pertaining to fees in Notices 4, 5 and 6 in the *Canadian Patent Office Record* from January 1 to February 17, 2004, was incorrect. These Notices have been changed to reflect the new fees

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

Veillez prendre note que les renseignements se rapportant aux frais dans les Avis 4, 5 et 6 de la *Gazette du Bureau des brevets* du 1er janvier au 17 février 2004 étaient erronés. Ces Avis ont été modifiés pour refléter les nouveaux frais.

Notices

16. Reissue Notice

Please note that the following Patent has been reissued on February 24, 2004.

[11] **2,246,841**
[13] C
[51] **Int.Cl. 6B03B9/02 6B04C5/13**
[25] EN
[54] **CYCLOSEPARATOR FOR REMOVAL OF COARSE SOLIDS FROM CONDITIONED OIL SAND SLURRIES**
[54] **SEPARATEUR CYCLONE POUR LE PIEGEAGE DE PARTICULES SOLIDES GROSSIERES CONTENUES DANS LES SUSPENSION CONDITIONNEES DE SABLES BITUMINEUX**
[72] MACIEJEWSKI, WALDERMAR, CA
[72] CYMERMAN, GEORGE, CA
[73] MOCAL ENERGY LIMITED, JP
[73] MURPHY OIL COMPANY LTD., CA
[73] PETRO-CANADA, CA
[73] AEC OIL SANDS, L.P., CA
[73] AEC OIL SANDS LIMITED PARTNERSHIP, CA
[73] GULF CANADA RESOURCES LIMITED, CA
[73] CANADIAN OCCIDENTAL PETROLEUM LTD., CA
[73] CANADIAN OIL SANDS INVESTMENTS INC., CA
[73] ATHABASCA OIL SANDS INVESTMENTS INC., CA
[73] IMPERIAL OIL RESOURCES, CA
[22] 1998-09-08

16. Avis de redélivrance

Veillez noter que le brevet suivant a été redélivré en date du 24 février 2004.

[11] **2,246,841**
[13] C
[51] **Int.Cl. 6B03B9/02 6B04C5/13**
[25] EN
[54] **SEPARATEUR CYCLONE POUR LE PIEGEAGE DE PARTICULES SOLIDES GROSSIERES CONTENUES DANS LES SUSPENSION CONDITIONNEES DE SABLES BITUMINEUX**
[54] **CYCLOSEPARATOR FOR REMOVAL OF COARSE SOLIDS FROM CONDITIONED OIL SAND SLURRIES**
[72] MACIEJEWSKI, WALDERMAR, CA
[72] CYMERMAN, GEORGE, CA
[73] MOCAL ENERGY LIMITED, JP
[73] MURPHY OIL COMPANY LTD., CA
[73] PETRO-CANADA, CA
[73] AEC OIL SANDS, L.P., CA
[73] AEC OIL SANDS LIMITED PARTNERSHIP, CA
[73] GULF CANADA RESOURCES LIMITED, CA
[73] CANADIAN OCCIDENTAL PETROLEUM LTD., CA
[73] CANADIAN OIL SANDS INVESTMENTS INC., CA
[73] ATHABASCA OIL SANDS INVESTMENTS INC., CA
[73] IMPERIAL OIL RESOURCES, CA
[22] 1998-09-08

17. Patent Agents Examination 2003

List of successful candidates

Mr. Pierre Angers-Nguyen
Ms. Shohini Bagchee
Mr. Armand M. Benitah
Mr. Corey Bergstein
Mr. Alain Bernier
Mr. Luc Bérubé
Mr. Mark G. Biernacki
Ms. Meredith Brill
Madame Gwendoline Bruneau
Mr. Robert A.H. Brunet
Mr. Stephen Burri
Ms. Valérie Carrier
Ms. Stephanie H. Castura
Ms. Isabelle Chabot
Mr. Colin C. Climie
Mr. Michael D. Cooper
Ms. Johanna Coutts
Mr. Owen W. Cramer
Ms. Alexandra Daoud
Mr. Anthony de Fazekas
Mr. Orin Del Vecchio
Mr. Curtis Dodd
Ms. Rebecca Eagen

17. Examen d'agent de brevets 2003

Liste des candidats qui ont réussi

Mr. Pierre Angers-Nguyen
Ms. Shohini Bagchee
Mr. Armand M. Benitah
Mr. Corey Bergstein
Mr. Alain Bernier
Mr. Luc Bérubé
Mr. Mark G. Biernacki
Ms. Meredith Brill
Madame Gwendoline Bruneau
Mr. Robert A.H. Brunet
Mr. Stephen Burri
Ms. Valérie Carrier
Ms. Stephanie H. Castura
Ms. Isabelle Chabot
Mr. Colin C. Climie
Mr. Michael D. Cooper
Ms. Johanna Coutts
Mr. Owen W. Cramer
Ms. Alexandra Daoud
Mr. Anthony de Fazekas
Mr. Orin Del Vecchio
Mr. Curtis Dodd
Ms. Rebecca Eagen

Avis

Mr. Peter Eliopoulos	Mr. Peter Eliopoulos
Mr. Peter A. Elyjiw	Mr. Peter A. Elyjiw
Mr. Luis Pablo Estable	Mr. Luis Pablo Estable
Ms. Theresa Fauconnier	Ms. Theresa Fauconnier
Ms. Louise Foong	Ms. Louise Foong
Monsieur Claude Fournier	Monsieur Claude Fournier
Mr. Simon R. Foxcroft	Mr. Simon R. Foxcroft
Madame Isabelle Girard	Madame Isabelle Girard
Mr. Elliott Gold	Mr. Elliott Gold
Mr. Robert Guay	Mr. Robert Guay
Mr. Luc Guerin	Mr. Luc Guerin
Dr. H.P. Harvey	Dr. H.P. Harvey
Mr. J. Jay Haugen	Mr. J. Jay Haugen
Ms. Sally A. Hemming	Ms. Sally A. Hemming
Mr. Robert Mitchell Hendry	Mr. Robert Mitchell Hendry
Mr. Shin Hung	Mr. Shin Hung
Ms. Nousheen H. Huq	Ms. Nousheen H. Huq
Mr. Richard A. Johnson	Mr. Richard A. Johnson
Mr. Robert Kallio	Mr. Robert Kallio
Mr. Peter F. Kappel	Mr. Peter F. Kappel
Ms. Selena Kim	Ms. Selena Kim
Ms. Theresa Koster	Ms. Theresa Koster
Mr. C. Larry Kyle	Mr. C. Larry Kyle
Ms. Denise L. Lacombe	Ms. Denise L. Lacombe
Ms. Grace S. Law	Ms. Grace S. Law
Ms. Jennifer L. Ledwell	Ms. Jennifer L. Ledwell
Ms. May Ming Lee	Ms. May Ming Lee
Mr. Kendrick Lo	Mr. Kendrick Lo
Mr. Eric Luvisotto	Mr. Eric Luvisotto
Ms. Emma Macfarlane	Ms. Emma Macfarlane
Mr. Salim N. Mamajiwalla	Mr. Salim N. Mamajiwalla
Monsieur Hugh Mansfield	Monsieur Hugh Mansfield
Dr. Jennifer L. McCann	Dr. Jennifer L. McCann
Mr. Trevor R. Mee	Mr. Trevor R. Mee
Ms. Kelly L. Miranda	Ms. Kelly L. Miranda
Mr. Marcel D. Mongeon	Mr. Marcel D. Mongeon
Mr. Tony Orsi	Mr. Tony Orsi
Mr. Matthew D. Powell	Mr. Matthew D. Powell
Mr. Todd A. Rattray	Mr. Todd A. Rattray
Ms. Tanya J. Rothe	Ms. Tanya J. Rothe
Ms. Trina K. Sarin	Ms. Trina K. Sarin
Mr. Juergen M. Schneider	Mr. Juergen M. Schneider
Mr. Alex J. Stack	Mr. Alex J. Stack
Mr. Thomas L. Stein	Mr. Thomas L. Stein
Mr. Philip A. Swain	Mr. Philip A. Swain
Mr. Paul E. Thomas	Mr. Paul E. Thomas
Ms. Linda M. Thompson	Ms. Linda M. Thompson
Mr. Gordon Thomson	Mr. Gordon Thomson
Ms. Victoria A. Townsend	Ms. Victoria A. Townsend
Ms. Alice Tseng	Ms. Alice Tseng
Dr. Jacquelyn Van Lierop	Dr. Jacquelyn Van Lierop
Mr. Robert Vincent	Mr. Robert Vincent
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Mr. Jeremy E. Want	Mr. Jeremy E. Want
Mr. Tim E. Webb	Mr. Tim E. Webb

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Mr. Sean X. Zhang

18.Canadian Laid-Open Applications

The Patent Office Record of February 24, 2004 contains laid-open applications from February 1, 2004 - February 7, 2004.

18.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 1 février 2004 - 7 février 2004

Avis

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[13] C

[51] Int.Cl. 5C07D 495/22 5A61K 31/55
[25] EN
[54] DERIVATIVES OF THIENO-TRIAZOLO-DIAZEPINE, A PREPARATION PROCESS OF THE SAME AND THERAPEUTIC COMPOSITIONS CONTAINING THEM
[54] DERIVES DE THIENO-TRIAZOLO-DIAZEPINE, PROCEDE DE PREPARATION ET COMPOSES THERAPEUTIQUES LES CONTENANT
[72] ESANU, ANDRE, FR
[72] BRAQUET, PIERRE, FR
[72] ROLLAND, ALAIN, FR
[72] LAURENT, JEAN-PIERRE, FR
[73] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES (S.C.R. A.S.), FR
[22] 1990-03-30
[30] GB (89 07256.5) 1989-03-31

[11] 2,013,519
[13] C

[51] Int.Cl. 5C07D 495/22 5A61K 31/55
[25] EN
[54] SULFONYL DERIVATIVES OF THIENO-TRIAZOLO-DIAZEPINES, A PREPARATION PROCESS OF THE SAME AND THERAPEUTIC COMPOSITIONS CONTAINING THEM
[54] DERIVES SULFONYL DE THIENO-TRIAZOLO-DIAZEPINE, PROCEDE DE PREPARATION ET COMPOSES THERAPEUTIQUES LES CONTENANT
[72] ESANU, ANDRE, FR
[72] LAURENT, JEAN-PIERRE, FR
[72] MARTIN, CHRISTIANE, FR
[72] BRAQUET, PIERRE, FR
[73] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES (S.C.R. A.S.), FR
[22] 1990-03-30
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[11] 2,027,161
[13] C

[51] Int.Cl. 5B41J 2/205 5B41J 2/06
[25] EN
[54] METHOD OF MULTI-TONE PRINTING
[54] METHODE D'IMPRESSION POLYCHROME
[72] BARTKY, WALTER SCOTT, US
[72] MICHAELIS, ALAN JOHN, US
[72] PATON, ANTHONY DAVID, GB
[73] XAAR LIMITED, GB
[22] 1990-10-09
[30] GB (8922821.7) 1989-10-10
[30] GB (9001493.7) 1990-01-23

[11] 2,032,947
[13] C

[51] Int.Cl. 5C07C 273/04 5B01J 12/00 5B01J 19/00 5B01D 3/14
[25] EN
[54] PROCESS FOR THE MODERNIZATION OF EXISTING UREA PLANTS, AND PLANTS SO OBTAINED WITH INCREASED YIELDS AND FLEXIBILITY, AND REDUCED ENERGY CONSUMPTION AND CORROSION
[54] PROCEDE DE MODERNISATION D'INSTALLATIONS EXISTANTES DE PRODUCTION D'UREE, ET INSTALLATIONS AINSI OBTENUES, PRESENTANT DES CARACTERISTIQUES AMELIOREES EN CE QUI A TRAIT A LA SOUPLESSE, A LA PERFORMANCE, A LA CONSOMMATION D'ENERGIE ET A LA CORROSION
[72] ZARDI, UMBERTO, CH
[72] PAGANI, GIORGIO, CH
[72] ZARDI, UMBERTO, IT
[73] AMMONIA CASALE S.A., CH
[73] ZARDI, UMBERTO, CH
[22] 1990-12-21
[30] CH (04671/89-3) 1989-12-29

[11] 2,043,254
[13] C

[51] Int.Cl. 5C10G 31/00
[25] EN
[54] PROCESS FOR PRODUCING GASOLINE COMPONENTS
[54] PROCEDE DE FABRICATION DE CONSTITUANTS D'ESSENCES
[72] TONKS, GREGORY VINCENT, NL
[72] MAXWELL, IAN E., NL
[72] DEN OTTER, GERRIT J., NL
[73] SHELL CANADA LIMITED, CA
[22] 1991-05-24
[30] GB (9013566.6) 1990-06-18

[11] 2,053,693
[13] C

[51] Int.Cl. 5G06F 11/00 5G06F 12/02 5G06F 11/16
[25] EN
[54] ADDRESS PROTECTION CIRCUIT
[54] CIRCUIT DE PROTECTION D'ADRESSES
[72] BRANT, WILLIAM ALEXANDER, US
[72] TANG, EDDE TIN-SHEK, US
[72] HOHENSTEIN, GERALD LEE, US
[73] EMC CORPORATION, US
[22] 1991-10-18
[30] US (07/600,512) 1990-10-19

[11] 2,054,310
[13] C

[51] Int.Cl. 5B60B 11/08 5B60B 11/04
[25] EN
[54] MULTIPLE TIRES ON A SINGLE WHEEL
[54] PNEUS MULTIPLES SUR UNE SEULE ROUE
[72] OZAKI, YASUSHI, JP
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[51] Int.Cl. 5C07D 261/04 5C07D 413/02
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5A01N 25/32 5A01N 47/36
[25] EN
[54] CROP-PROTECTING
COMPOSITIONS CONTAINING
ISOXAZOLINES OR
ISOTHIAZOLINES, NOVEL
ISOXAZOLINES AND
ISOTHIAZOLINES, AND THEIR
PREPARATION
[54] COMPOSITIONS A BASE
D'ISOXAZOLINES OR
D'ISOTHIAZOLINES POUR LA
PROTECTION DES CULTURES;
NOUVELLES ISOXAZOLINES ET
ISOTHIAZOLINES; LEUR
PREPARATION
[72] LOHER, HEINZ-JOSEF, DE
[72] BAUER, KLAUS, DE
[72] BIERINGER, HERMANN, DE
[73] HOECHST AKTIENGESELLSCHAFT,
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[30] DE (P 41 12 251.8) 1991-04-15

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[51] Int.Cl. 5C08G 8/28 5C03C 25/02
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[25] EN
[54] PROCESS FOR PREPARING
PHENOLIC BINDER
[54] METHODE DE PREPARATION DE
LIANT PHENOLIQUE
[72] COVENTRY, KATHLEEN H., US
[72] SEGAL, DAVID A., US
[73] ISOVER SAINT-GOBAIN, FR
[22] 1992-05-08
[30] US (07/697,765) 1991-05-09
[30] US (07/740,599) 1991-08-05

[11] 2,072,160
[13] C
[51] Int.Cl. 5C04B 41/87 5C04B 35/58
[25] EN
[54] ALUMINA COATED SINTERED
BODY
[54] CORPS FRITTE ENDUIT
D'ALUMINE
[72] LJUNGBERG, BJORN, SE
[72] SJOSTRAND, MATS, SE
[72] LINDSTROM, JAN, SE
[73] SANDVIK AB, SE
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[30] SE (9101953-9) 1991-06-25

[11] 2,076,222
[13] C
[51] Int.Cl. 5G01D 5/20
[25] EN
[54] PICK-UP FOR THE INDUCTIVE
PRODUCTION OF A MEASUREMENT
SIGNAL
[54] CAPTEUR DONT LES DONNEES
SERVENT A LA PRODUCTION PAR
INDUCTION DE SIGNAUX DE MESURE
[72] MEHNERT, WALTER, DE
[72] THEIL, THOMAS, DE
[72] MEHNERT, WALTER, DE
[73] MEHNERT, WALTER, DE
[22] 1992-08-14
[30] DE (P 41 27 209.9) 1991-08-16

[11] 2,076,827
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[51] Int.Cl. 5C03C 17/02
[25] EN
[54] ADDITIVES FOR LEAD-FREE
FRITS
[54] ADDITIFS POUR FRITES SANS
PLOMB
[72] JOHNSON, RONALD EDGAR, US
[72] KIRK, KENNETH ANDREW, US
[72] WEXELL, KATHLEEN ANN, US
[73] CORNING INCORPORATED, US
[22] 1992-08-25
[30] US (785,484) 1991-10-31

[11] 2,077,105
[13] C
[51] Int.Cl. 5A61J 1/22
[25] EN
[54] ASPIRATION CAP FOR
DISPENSING BLOOD OR OTHER
FLUIDS FOR DIAGNOSTIC PURPOSES
[54] CAPUCHON DE DISTRIBUTEUR
DE SANG ET D'AUTRES LIQUIDES
SERVANT AUX FINS D'UN
DIAGNOSTIC
[72] WHITWORTH, TED N., US
[73] WHITWORTH, TED N., US
[22] 1992-08-28
[30] US (816,279) 1992-01-03

[11] 2,078,860
[13] C
[51] Int.Cl. 5C09D 101/28 5A23P 1/08
5C08J 3/12 5A61K 9/36
[25] FR
[54] PRODUIT FILMOGENE DESTINE
A L'ENROBAGE DES FORMES
SOLIDES
[54] FILM-FORMING PRODUCT
INTENDED FOR COATING SOLID
FORMS
[72] TROUVE, GERARD, FR
[73] SOCIETE D'EXPLOITATION DE
PRODUITS POUR LES INDUSTRIES
CHIMIQUES - SEPPI C, FR
[85] 1992-09-22
[86] 1991-03-22 (FR1991000232)
[87] (1991014729)
[30] FR (90/03915) 1990-03-27

[11] 2,078,966
[13] C
[51] Int.Cl. 5C01B 17/04
[25] EN
[54] PROCESS FOR ELIMINATION OF
LOW CONCENTRATIONS OF
HYDROGEN SULFIDE IN GAS
MIXTURES BY CATALYTIC
OXIDATION
[54] PROCEDE POUR L'ELIMINATION
PAR OXYDATION CATALYTIQUE DE
LA SURFACE D'HYDROGENE SE
TROUVANT EN FAIBLE QUANTITE
DANS UN MELANGE DE GAZ
[72] GHOSH, TUSHAR K., US
[72] TOLLEFSON, ERIC L., CA
[72] CHOWDHURY, AMINUL ISLAM, CA
[73] XERGY PROCESSING INC., CA
[22] 1992-09-23

[11] 2,079,260
[13] C
[51] Int.Cl. 5H04H 9/00
[25] EN
[54] METHOD AND APPARATUS FOR
AUTOMATICALLY IDENTIFYING A
PROGRAM INCLUDING A SOUND
SIGNAL
[54] METHODE ET APPAREIL POUR
AJOUTER AUTOMATICQUEMENT UN
IDENTIFICATIF A UN PROGRAMME
COMPORANT UN SIGNAL SONORE
[72] FARDEAU, MICHEL, FR
[72] BRIEND, MICHEL, FR
[72] TOMMASI, MARC, FR
[72] GALANT, SERGE, FR
[73] CERIDIAN CORPORATION, US
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[25] EN
[54] **PADDED CHAIN DRIVE FOR ROLLER CONVEYORS**
[54] **CHAINE D'ENTRAINEMENT A ABSORPTION D'ENERGIE POUR TRANSPORTEURS A ROULEAUX**
[72] WIGGERS, DENNIS, US
[72] ALDERINK, ROGER L., US
[73] ALVEY INC., US
[22] 1992-10-19
[30] US (844,116) 1992-03-02

[11] **2,083,202**
[13] C

[51] **Int.Cl. 5B23K 20/12**
[25] EN
[54] **INERTIAL WELDED CYLINDER AND METHOD OF MAKING SAME**
[54] **METHODE DE FABRICATION ET FABRICATION DE BOUTEILLE CYLINDRIQUE**
[72] FULLER, DENNIS A., US
[72] HEIDRICH, PATRICK, US
[73] CLARK EQUIPMENT COMPANY, US
[22] 1992-11-18
[30] US (809,941) 1991-12-18

[11] **2,083,314**
[13] C

[51] **Int.Cl. 5C08L 31/00 5B32B 27/08**
[25] EN
[54] **PH CONTROL POLYMER**
[54] **POLYMERE PERMETTANT DE CONTROLER LE PH**
[72] EBNER, CYNTHIA L., US
[72] MUELLER, WALTER B., US
[72] ROBERTS, WILLIAM P., US
[73] CRYOVAC, INC., US
[22] 1992-11-19
[30] US (828,319) 1992-01-30

[11] **2,083,631**
[13] C

[51] **Int.Cl. 5C02F 1/78**
[25] EN
[54] **TREATMENT OF WATER**
[54] **TRAITEMENT DE L'EAU**
[72] SATCHELL, DONALD P., JR., US
[72] LACAVA, ALBERTO I., US
[72] IBBETSON, CRAIG C., GB
[73] THE BOC GROUP PLC, GB
[22] 1992-11-24
[30] GB (9126491.1) 1991-12-13

[11] **2,084,588**
[13] C

[51] **Int.Cl. 5C09K 15/14 5C08K 5/37**
[25] EN
[54] **STABILISER MIXTURE**
[54] **MELANGE STABILISATEUR**
[72] KNOBLOCH, GERRIT, CH
[72] MARTIN, HEINRICH, CH
[73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[22] 1992-12-04
[30] CH (3592/91-3) 1991-12-06

[11] **2,085,912**
[13] C

[51] **Int.Cl. 5A61B 8/12 5A61B 17/34**
[25] EN
[54] **APPARATUS FOR THE CANNULATION OF BLOOD VESSELS**
[54] **APPAREIL POUR LA MISE EN PLACE D'UNE CANULE DANS LES VAISSEAUX SANGUINS**
[72] MILLER, CHRISTOPHER, US
[72] SHARKAWY, AHMED, US
[73] ESCALON VASCULAR ACCESS, INC., US
[22] 1992-12-21
[30] US (813,123) 1991-12-23

[11] **2,086,290**
[13] C

[51] **Int.Cl. 5A01N 25/34 5C08L 71/02 5B65D 65/46**
[25] EN
[54] **CONTAINERIZATION SYSTEMS AND COMPOSITION SUITABLE TO BE CONTAINED**
[54] **SYSTEMES DE CONTENEURISATION ET COMPOSITION SE PRETANT A LA CONTENEURISATION**
[72] LONG, DAVID, US
[72] MILES, DAVID, US
[73] RHONE-POULENC AGROCHIMIE, FR
[22] 1992-12-24
[30] US (815,277) 1991-12-27

[11] **2,086,372**
[13] C

[51] **Int.Cl. 5C07C 211/08 5C07D 295/03 5C07C 213/08 5C07C 217/08 5C07C 215/12 5C07C 209/60**
[25] FR
[54] **PROCEDE D'OBTENTION D'AMINES TERTIAIRES METHYLEES PAR REACTION D'HEXAMETHYLENETETRAMINE AVEC LES AMINES OU LES NITRILES**
[54] **PROCESS FOR THE PREPARATION OF TERTIARY AMINES METHYLATED BY THE REACTION OF HEXAMETHYLENETETRAMINE WITH AMINES OR NITRILES**
[72] FOUQUAY, STEPHANE, FR
[73] CECA S.A., FR
[22] 1992-12-29
[30] FR (91 16 316) 1991-12-30

[11] **2,086,476**
[13] C

[51] **Int.Cl. 5G01L 7/08**
[25] EN
[54] **DIFFERENTIAL PRESSURE SENSOR UTILIZING OPTO-REFLECTIVE SENSOR**
[54] **CAPTEUR DE PRESSION DIFFERENTIELLE UTILISANT UN REFLECTEUR OPTIQUE**
[72] KEMP, STEPHEN J., US
[73] HONEYWELL INC., US
[22] 1992-12-30
[30] US (07/816,016) 1991-12-30

[11] **2,086,505**
[13] C

[51] **Int.Cl. 5E21B 33/13**
[25] EN
[54] **CONTROL OF FLUID FLOW IN OIL WELLS**
[54] **REGULATION DU DEBIT DE FLUIDES DANS LES Puits DE PETROLE**
[72] HEAD, PHILIP, GB
[72] GULLETT, PAUL, GB
[72] WILMOTT, PAUL, GB
[73] STIRLING DESIGN INTERNATIONAL LIMITED, GB
[22] 1992-12-30
[30] GB (9127535.4) 1991-12-31

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[25] EN
[54] BRUSHHEAD MAGAZINE FOR TOOTHBRUSHES
[54] RESERVE DE BROSSES POUR DES BROSSES A DENTS
[72] JEANNET, ROLAND, DE
[72] LEUTWYLER, ROBERT, CH
[72] LEUTWYLER, WERNER, CH
[73] JOHNSON & JOHNSON CONSUMER PRODUCTS, INC., US
[22] 1993-02-02
[30] DE (P 42 05 028.6) 1992-02-19

[11] 2,090,524
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[51] Int.Cl. 5B08B 7/04
[25] EN
[54] CONTAINMENT OF REMOVED WASTE ASBESTOS AND LIKE MATERIAL
[54] RECEPTACLE POUR MATERIAUX ENLEVES, L'AMIANTE, PAR EXEMPLE
[72] GIBB, ALEXANDER ELLIS, CA
[73] POWER VAC SYSTEMS OF CANADA LTD., CA
[22] 1993-02-26
[30] US (07/931,397) 1992-08-18

[11] 2,092,639
[13] C
[51] Int.Cl. 5C08L 23/10 5C08L 23/16
[25] EN
[54] CRYSTALLINE POLYMERS OF PROPYLENE HAVING IMPROVED PROCESSABILITY IN THE MOLTEN STATE AND PROCESS FOR THEIR PREPARATION
[54] POLYMERES DE PROPYLENE CRISTALLINS, POSSEDANT UNE TRANSFORMABILITE A L'ETAT LIQUIDE AMELIOREE ET PROCEDE DE PREPARATION
[72] CECCHIN, GIULIANO, IT
[72] PELLICONI, ANTEO, IT
[72] CIARROCCI, ANTONIO, IT
[72] FERRARI, PAOLO, IT
[73] MONTELL NORTH AMERICA INC., US
[22] 1993-03-12
[30] IT (MI 92 A 001337) 1992-05-29

[11] 2,097,367
[13] C
[51] Int.Cl. 5F16J 15/40
[25] EN
[54] MECHANICAL END FACE SEAL
[54] JOINT MECANIQUE D'EXTREMITE
[72] WASSER, JAMES R., US
[72] VOLDEN, DOUGLAS J., US
[72] NETZEL, JAMES P., US
[73] JOHN CRANE INC., US
[22] 1993-05-31
[30] US (946,914) 1992-09-18

[11] 2,101,412
[13] C
[51] Int.Cl. 5G02F 1/21 5H01S 3/13
[25] EN
[54] INTERFEROMETRIC TUNABLE OPTICAL FILTER
[54] FILTRE OPTIQUE ACCORDABLE INTERFEROMETRIQUE
[72] WEBER, JEAN-PIERRE, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[22] 1993-07-27
[30] US (929,450) 1992-08-14

[11] 2,102,036
[13] C
[51] Int.Cl. 5C12N 15/40 5C12N 7/01 5C07H 21/04 5C12N 7/04 6C07K 14/08 5A61K 39/12 5A61K 39/42 5G01N 33/569
[25] EN
[54] VACCINES RAISING AN IMMUNOLOGICAL RESPONSE AGAINST THE DISEASE CAUSED BY THE IOWA STRAIN OF PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS
[54] VACCINS ENTRAINANT UNE REACTION IMMUNITAIRE CONTRE LA MALADIE CAUSEE PAR LA SOUCHE IOWA DU VIRUS ASSOCIE AU SYNDROME DYSGENESIQUE RESPIRATOIRE PORCIN
[72] PAUL, PREM S., US
[72] HALBUR, PATRICK G., US
[72] MENG, XIANG-JIN, US
[72] LUM, MELISSA A., US
[72] LYOO, YOUNG S., US
[73] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, US
[73] SOLVAY ANIMAL HEALTH, INC., US
[22] 1993-10-29
[30] US (07/969,071) 1992-10-30
[30] US (08/131,625) 1993-10-05

[11] 2,102,368
[13] C
[51] Int.Cl. 5G09G 3/00 5G09G 3/36
[25] EN
[54] LIQUID CRYSTAL DISPLAY SYSTEM
[54] AFFICHAGE A CRISTAUX LIQUIDES
[72] TORIZUKA, MASAMI, JP
[72] MURAOKA, YOSHIRO, JP
[72] NAKAMURA, RENSHI, JP
[73] SONY CORPORATION, JP
[22] 1993-11-03
[30] JP (PO4-307413) 1992-11-18

[11] 2,102,600
[13] C
[51] Int.Cl. 5B26D 3/11 5B26D 7/06
[25] EN
[54] METHOD AND APPARATUS FOR HELICAL FOOD PRODUCT
[54] METHODE ET APPAREIL POUR PRODUIRE DES ALIMENTS EN FORME HELICOIDE
[72] MENDENHALL, GEORGE A., US
[73] LAMB-WESTON, INC., US
[85] 1993-11-05
[86] 1992-03-13 (US1992002123)
[87] (1992019426)
[30] US (07/696,180) 1991-05-06

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[13] C
[51] Int.Cl. 5H04H 9/00
[25] EN
[54] UNIVERSAL BROADCAST CODE AND MULTI-LEVEL ENCODED SIGNAL MONITORING SYSTEM
[54] CODE DE DIFFUSION UNIVERSEL ET SYSTEME DE SURVEILLANCE DE SIGNAUX A CODAGE MULTI-NIVEAU
[72] THOMAS, WILLIAM L., US
[72] KEMPTER, PAUL C., US
[73] NIELSEN MEDIA RESEARCH, INC., US
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[30] US (07/981,199) 1992-11-25

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[25] EN
[54] **MULTILAYERED HEAT-SEALABLE PLASTIC FILM**
[54] **PELLICULE PLASTIQUE MULTICOUCHE THERMOSCELLABLE**
[72] MAUL, JURGEN, DE
[72] SIOL, WERNER, DE
[72] TERBRACK, ULRICH, DE
[73] ROHM GMBH & CO. KG, DE
[22] 1993-09-17
[30] DE (P 4241682.5) 1992-09-19

[11] **2,107,013**
[13] C

[51] **Int.Cl. 5B29C 47/02 5B60J 10/00**
[25] FR
[54] **PROCEDE POUR LA FABRICATION D'UN VITRAGE AUTOMOBILE EQUIPE D'UN CADRE EN ELASTOMERE DE FORME DETERMINEE**
[54] **METHOD FOR PRODUCING AUTOMOTIVE GLASS WITH SPECIFIED SHAPED ELASTOMERIC FRAME**
[72] CORNILS, GERD, DE
[72] FISCHER, FLORIAN, DE
[72] KOTTE, ROLF, DE
[72] SIEGEL, WERNER, DE
[73] SAINT GOBAIN VITRAGE INTERNATIONAL, FR
[22] 1993-09-27
[30] DE (P 42 32 554-4) 1992-09-29

[11] **2,109,084**
[13] C

[51] **Int.Cl. 5A61L 2/18 5A61N 1/00**
[25] EN
[54] **BIOFILM REDUCTION METHOD**
[54] **METHODE DE DESTRUCTION DE FILMS BIOLOGIQUES**
[72] COSTERTON, JOHN WILLIAM FISHER, CA
[72] KHOURY, ANTOINE ELIE, CA
[72] JOHNSON, FRANK, CA
[73] UNIVERSITY TECHNOLOGIES INTERNATIONAL INC., CA
[85] 1993-10-22
[86] 1992-05-01 (CA1992000193)
[87] (1992019286)
[30] US (694,980) 1991-05-03

[11] **2,109,187**
[13] C

[51] **Int.Cl. 5F16L 3/10**
[25] EN
[54] **PIPE ANCHOR**
[54] **ANCRAGE POUR TUYAU**
[72] NADHERNY, RUDOLPH E., US
[73] IRECO, INC., US
[22] 1993-10-25
[30] US (081,790) 1993-06-23

[11] **2,109,978**
[13] C

[51] **Int.Cl. 5B32B 31/28**
[25] EN
[54] **ANTIFOG FILM LAMINATES**
[54] **LAMINES COMPORTANT UN FILM ANTIVOILE**
[72] TONEY, GLORIA G., US
[72] YOUNG, ROBERT A., US
[72] BABB, DAVID V., US
[73] CRYOVAC, INC., US
[22] 1993-11-25
[30] US (060,394) 1993-05-11

[11] **2,110,050**
[13] C

[51] **Int.Cl. 5G01N 33/543**
[25] EN
[54] **ION-CAPTURE ASSAYS USING A BINDING MEMBER CONJUGATED TO CARBOXYMETHYLAMYLOSE**
[54] **ANALYSES PAR CAPTURE IONIQUE UTILISANT UN MEMBRE LIANT CONJUGUE A DE LA CARBOXYMETHYLAMYLOSE**
[72] ADAMCZYK, JANINA, US
[72] BERRY, DANIEL S., US
[72] STROUPE, STEPHEN DENHAM, US
[72] JOU, YI-HER, US
[73] ABBOTT LABORATORIES, US
[85] 1993-11-25
[86] 1992-04-10 (US1992002996)
[87] (1992021772)
[30] US (707,726) 1991-05-30

[11] **2,110,094**
[13] C

[51] **Int.Cl. 5B32B 27/32 5B65D 65/02 5C08J 5/18**
[25] EN
[54] **ONE-SIDED CLING/ONE-SIDED SLIP STRETCH WRAP FILMS**
[54] **FILMS ETIRABLES AUTOCOLLANTS SUR UN COTE ET GLISSANTS SUR L'AUTRE**
[72] DUTT, WILLIAM MARK, US
[73] EXXONMOBIL OIL CORPORATION, US
[22] 1993-11-26
[30] US (07/995,453) 1992-12-22

[11] **2,111,559**
[13] C

[51] **Int.Cl. 5C01G 9/02 5C08K 3/22 5C09D 5/32 5A61K 7/42 5A61K 7/48**
[25] EN
[54] **FINELY DIVIDED, HIGHLY PURE NEUTRAL ZINC OXIDE POWDER, A PROCESS FOR ITS PREPARATION AND ITS USE**
[54] **PROCEDE DE FABRICATION ET D'UTILISATION DE POUVRE D'OXYDE DE ZINC NEUTRE EXTREMEMENT FINE ET D'UNE GRANDE PURETE**
[72] MIKSITS, MICHAEL, DE
[72] TIBURTIUS, CHRISTOPH, DE
[72] KISCHKEWITZ, JURGEN, DE
[72] BUTJE, KAI, DE
[72] WARTH, ALBRECHT, DE
[72] HERZIG, FRANZ, DE
[72] LANGNER, ROLAND, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
[73] HAARMANN & REIMER GMBH, DE
[22] 1993-12-15
[30] DE (P 4242949.8) 1992-12-18

[11] **2,112,732**
[13] C

[51] **Int.Cl. 5C10L 1/18 5C10L 1/16**
[25] EN
[54] **LOW-SULFUR MINERAL DIESEL FUELS**
[54] **COMBUSTIBLES MINERAUX DIESEL A FAIBLE TENEUR EN SOUFRE**
[72] WENDEROTH, BERND, DE
[72] THOMAS, JUERGEN, DE
[72] SCHMIDT, HELMUT, DE
[72] BERINGER, HANS-PETER, DE
[72] STARKE, KLAUS, DE
[73] BASF AKTIENGESELLSCHAFT, DE
[22] 1993-12-31
[30] DE (P 43 00 207.2) 1993-01-07

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[11] 2,113,896
[13] C

[51] Int.Cl. 5C10G 47/02
[25] EN
[54] PRODUCTION OF
HYDROCRACKED LUBRICANTS
[54] PRODUCTION DE LUBRIFIANTS
D'HYDROCRAQUAGE
[72] APELIAN, MINAS R., US
[72] DEGNAN, THOMAS F., JR., US
[72] MARLER, DAVID O., US
[72] MAZZONE, DOMINICK N., US
[73] MOBIL OIL CORPORATION, US
[85] 1994-01-20
[86] 1992-07-23 (US1992006117)
[87] (1993002160)
[30] US (734,971) 1991-07-24
[30] US (734,999) 1991-07-24

[11] 2,114,424
[13] C

[51] Int.Cl. 5G01V 1/28
[25] EN
[54] METHOD AND APPARATUS FOR
PETROLEUM AND GAS
EXPLORATION
[54] METHODE ET DISPOSITIF POUR
LA RECHERCHE DE PETROLE ET DE
GAZ
[72] ANDERSON, ROGER N., US
[72] HE, WEI, US
[73] THE TRUSTEES OF COLUMBIA
UNIVERSITY, US
[85] 1994-01-26
[86] 1992-07-27 (US1992006233)
[87] (1993003401)
[30] US (07/736,682) 1991-07-26

[11] 2,114,542
[13] C

[51] Int.Cl. 5C07D 403/06 5C07D 403/14
5C07D 405/14 5A61K 31/415 5A61K 31/
495 5A61K 31/55
[25] EN
[54] BENZIMIDAZOLONE
DERIVATIVES AS 5-HT1A AND 5-HT2
ANTAGONISTS
[54] DERIVES BENZIMIDAZOLONE
AGISSANT COMME ANTAGONISTES
DE LA 5-HT1A ET DE LA 5-HT2
[72] BIETTI, GIUSEPPE, IT
[72] BORSINI, FRANCO, IT
[72] TURCONI, MARCO, IT
[72] GIRALDO, ETTORE, IT
[72] BIGNOTTI, MAURA, IT
[73] BOEHRINGER INGELHEIM ITALIA
S.P.A., IT
[85] 1994-01-28
[86] 1992-07-30 (IT1992000088)
[87] (1993003016)
[30] IT (MI91A002118) 1991-07-30

[11] 2,114,649
[13] C

[51] Int.Cl. 5B24D 3/00 5B24D 9/08 5B24D
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[25] EN
[54] COATED ABRASIVE SHEET
MATERIAL WITH LOOP MATERIAL
FOR ATTACHMENT INCORPORATED
THEREIN
[54] FEUILLE A REVETEMENT
ABRASIF AVEC MATERIAU DE
FIXATION BOUCLE INCORPORE
[72] OTT, RONALD L., US
[72] GORMAN, MICHAEL R., US
[72] BECKER, DENNIS L., US
[72] FOLSKE, DONALD W., US
[72] MELBYE, WILLIAM L., US
[72] NESTERGARD, SUSAN K., US
[72] SLAMA, DAVID F., US
[72] BARRY, JOHN L., US
[72] MCMAHON, JEFFREY R., US
[73] MINNESOTA MINING AND
MANUFACTURING COMPANY, US
[85] 1994-01-31
[86] 1992-07-22 (US1992006079)
[87] (1993003889)
[30] US (07/748,038) 1991-08-21

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

[51] Int.Cl. 5H04N 7/12
[25] EN
[54] METHOD FOR CODING AND
DECODING MOTION VECTORS AND
APPARATUS THEREFOR
[54] METHODE DE CODAGE ET DE
DECODAGE DE VECTEURS DE
MOUVEMENT ET APPAREIL
CONNEXE
[72] KATO, MOTOKI, JP
[73] SONY CORPORATION, JP
[85] 1994-10-13
[86] 1994-03-24 (JP1994000473)
[87] (1994022269)
[30] JP (P5-065689) 1993-03-24
[30] JP (P5-124686) 1993-04-30

[11] 2,118,229
[13] C

[51] Int.Cl. 5G01L 19/00
[25] EN
[54] REMOTELY DEPLOYABLE
PRESSURE SENSOR
[54] CAPTEUR DE PRESSION A
COMMANDE A DISTANCE
[72] KLUTH, ERHARD LOTHER EDGAR,
GB
[73] SENSOR DYNAMICS LIMITED, GB
[85] 1994-10-14
[86] 1993-04-30 (GB1993000907)
[87] (1993022645)
[30] GB (9209434.1) 1992-05-01

[11] 2,119,557
[13] C

[51] Int.Cl. 5C12Q 1/68 5C07H 21/00
5C12Q 1/70
[25] EN
[54] SELECTIVE RESTRICTION
FRAGMENT AMPLIFICATION: A
GENERAL METHOD FOR DNA
FINGERPRINTING
[54] AMPLIFICATION SELECTIVE
D'UN FRAGMENT DE RESTRICTION :
METHODE GENERALE
D'IDENTIFICATION PAR LE CODE
GENETIQUE
[72] ZABEAU, MARC, BE
[72] VOS, PIETER, NL
[73] KEYGENE N.V., NL
[85] 1994-03-21
[86] 1992-09-24 (EP1992002216)
[87] (1993006239)
[30] EP (91402542.4) 1991-09-24

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[11] **2,119,878**
[13] C

[51] **Int.Cl. 5G05B 19/18**
[25] EN
[54] **APPARATUS TO DETERMINE THE OPERATIONAL EFFECTIVENESS OF A MACHINE TOOL AND METHOD THEREFOR**
[54] **APPAREIL SERVANT A DETERMINER L'EFFICACITE OPERATIONNELLE D'UNE MACHINE-OUTIL ET METHODE D'UTILISATION DE CET APPAREIL**
[72] LINDSTROM, MIKKO, US
[73] FINN-POWER INTERNATIONAL, INC., US
[85] 1994-03-24
[86] 1992-09-15 (US1992007767)
[87] (1993007445)
[30] US (773,319) 1991-10-10

[11] **2,121,142**
[13] C

[51] **Int.Cl. 5F01B 3/04 5F01B 7/04 5F01B 9/06 5F02B 33/06 5F02B 75/28 5F02B 75/32 5F02B 33/44**
[25] EN
[54] **INTERNAL COMBUSTION ROTARY PISTON ENGINE**
[54] **MOTEUR A COMBUSTION INTERNE A PISTON ROTATIF**
[72] ALMASSI, MANSOUR, AU
[73] ALMASSI, MANSOUR, AU
[85] 1994-04-12
[86] 1992-10-14 (AU1992000545)
[87] (1993008372)
[30] AU (PK8917) 1991-10-15

[11] **2,122,042**
[13] C

[51] **Int.Cl. 5C08L 67/02 5H01B 3/42**
[25] EN
[54] **THERMOPLASTIC COMPOSITIONS FOR WIRE COATING APPLICATIONS**
[54] **THERMOPLASTIQUE POUVANT SERVIR COMME REVETEMENT DE FIL**
[72] HAUSMANN, KARLHEINZ, CH
[72] HUYNH-BA, GIA, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 1994-04-22
[86] 1992-10-26 (US1992008956)
[87] (1993008234)
[30] US (07/781,459) 1991-10-24

[11] **2,124,747**
[13] C

[51] **Int.Cl. 5B23D 65/00 5B23D 63/00**
[25] EN
[54] **SAW TOOTH ATTACK FACE AND EDGE STRUCTURE**
[54] **CONSTRUCTION DE DENT DE SCIE**
[72] WILDEY, ALLAN J., CA
[73] TIMBERJACK INC., CA
[22] 1994-05-31
[30] US (08/219,149) 1994-03-29

[11] **2,125,401**
[13] C

[51] **Int.Cl. 5B01J 13/00 5A61K 31/02 5A01N 1/02 5A61K 49/04 5A61K 9/107**
[25] EN
[54] **HIGHLY FLUORINATED, CHLORO-SUBSTITUTED ORGANIC COMPOUND-CONTAINING EMULSIONS AND METHODS OF MAKING AND USING THEM**
[54] **EMULSIONS A BASE DE DERIVES DE SUBSTITUTION CHLORES ET FORTEMENT FLUORES; METHODE DE PREPARATION ET UTILISATION**
[72] KAUFMAN, ROBERT J., US
[72] RICHARD, THOMAS J., US
[72] MOORE, GEORGE G. I., US
[72] FLYNN, RICHARD M., US
[73] HEMAGEN/PFC, US
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 1994-06-07
[86] 1992-12-11 (US1992010736)
[87] (1993011868)
[30] US (07/806,692) 1991-12-12

[11] **2,126,682**
[13] C

[51] **Int.Cl. 5B65D 17/34**
[25] EN
[54] **PRESS-ON CLOSURE WITH PEELABLE END PANEL**
[54] **FERMETURE PRESSION AVEC PORTION D'EXTREMITE PELABLE**
[72] ROTH, DONALD J., US
[72] SAUER, DONALD G., US
[72] FRASER, ROBERT W., US
[73] SILGAN CONTAINERS CORPORATION, US
[85] 1994-06-23
[86] 1992-12-23 (US1992011178)
[87] (1993012978)
[30] US (07/812,026) 1991-12-23

[11] **2,130,267**
[13] C

[51] **Int.Cl. 5C10L 1/18 5C10L 10/00 5C10L 1/22**
[25] EN
[54] **FUEL ADDITIVE COMPOSITIONS CONTAINING POLY(OXYALKYLENE) HYDROXYAROMATIC ESTERS AND POLY(OXYALKYLENE) AMINES**
[54] **COMPOSITIONS ADDITIVES POUR CARBURANTS, A BASE D'ETHERS HYDROXYAROMATIQUES DE POLY(OXYALKYLENE) ET DE POLY(OXYALKYLENE)AMINES**
[72] CHERPECK, RICHARD E., US
[73] CHEVRON RESEARCH AND TECHNOLOGY COMPANY, US
[85] 1994-08-16
[86] 1993-12-17 (US1993012400)
[87] (1994014930)
[30] US (07/993,174) 1992-12-18

[11] **2,130,837**
[13] C

[51] **Int.Cl. 5C10L 1/22 5C10L 10/00 5C10L 1/18**
[25] EN
[54] **FUEL ADDITIVE COMPOSITIONS CONTAINING ALIPHATIC AMINES AND POLYALKYL HYDROXYAROMATICS**
[54] **COMPOSITIONS ADDITIVES POUR CARBURANTS, A BASE D'AMINES ALIPHATIQUES ET DE POLYALKYLHYDROXYAROMATIQUES**
[72] CHERPECK, RICHARD E., US
[73] CHEVRON RESEARCH AND TECHNOLOGY COMPANY, US
[85] 1994-08-24
[86] 1993-12-20 (US1993012555)
[87] (1994014929)
[30] US (07/997,981) 1992-12-28

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[11] **2,132,213**
[13] C

[51] **Int.Cl. 5C12P 21/08 5C12N 5/18
6C07K 16/28 5A61K 39/395 5G01N 33/543
5G01N 33/554 5G01N 33/566 5G01N 33/
577**

[25] EN

[54] **SPECIFIC DETECTION OF CELL
SURFACE RECEPTOR LEUKOCYTE
ADHESION MOLECULE-1**

[54] **DETECTION SPECIFIQUE DU
RECEPTEUR DE SURFACE**

**CELLULAIRE DE LAM-1
(LEUKOCYTE ADHESION
MOLECULE-1)**

[72] TEDDER, THOMAS F., US

[72] SCHLEIFFENBAUM, BORIS, US

[72] SPERTINI, OLIVIER, CH

[73] DANA-FARBER CANCER
INSTITUTE, INC., US

[85] 1994-09-15

[86] 1993-03-24 (US1993002705)

[87] (1993019782)

[30] US (862,483) 1992-04-02

[11] **2,132,312**
[13] C

[51] **Int.Cl. 5C08L 77/06 5C08L 77/00
5C08L 77/02**

[25] EN

[54] **MISCIBLE THERMOPLASTIC
COMPOSITIONS CONTAINING
POLYAMIDE/AMORPHOUS
POLYAMIDE BLENDS**

[54] **COMPOSITIONS MISCIBLES
THERMOPLASTIQUES CONTENANT
DES MELANGES DE POLYAMIDE ET
POLYAMIDE AMORPHE**

[72] AKKAPEDDI, MURALI K., US

[72] GLANS, JEFFREY H., US

[72] PARMER, JEROME F., US

[73] BASF AKTIENGESELLSCHAFT, DE

[85] 1994-09-16

[86] 1993-04-01 (US1993003093)

[87] (1993021276)

[30] US (07/868,602) 1992-04-14

[11] **2,133,283**
[13] C

[51] **Int.Cl. 5H01R 43/042**

[25] FR

[54] **OUTIL DE SERTISSAGE POUR LE
RACCORDEMENT D'UN CABLE
ELECTRIQUE DANS UN ELEMENT
D'EXTREMITE**

[54] **CRIMPING TOOL FOR JOINING
AN ELECTRIC CABLE TO AN END
ELEMENT**

[72] TOURNIER, GILLES, FR

[72] SEGUIER, STEPHANE, FR

[73] AEROSPATIALE SOCIETE
NATIONALE INDUSTRIELLE, FR

[22] 1994-09-29

[30] FR (93 11712) 1993-10-01

[11] **2,134,722**
[13] C

[51] **Int.Cl. 5G01M 17/04 5G01B 5/14**

[25] EN

[54] **METHODS AND APPARATUS FOR
FACILITATING A MEASUREMENT
TAKEN FROM A VEHICLE WHEEL
AXIS**

[54] **METHODE ET APPAREIL POUR
VERIFIER LE DEGRE**

**D'AFFAISSEMENT DES RESSORTS
HELICOIDaux DES ROUES D'UN
VEHICULE**

[72] SCHMIDT, GEORGE R., JR., US

[72] CLARKE, JAMES P., JR., US

[73] FEDERAL-MOGUL PRODUCTS,
INC., US

[22] 1994-10-31

[30] US (08/144,241) 1993-11-01

[11] **2,134,754**
[13] C

[51] **Int.Cl. 5G01S 13/74**

[25] EN

[54] **TRANSPONDER SYSTEM**

[54] **SYSTEME TRANSPONDEUR**

[72] WESTMAN, TONY, SE

[72] NARHI, ANNE, SE

[73] WESTMAN, TONY, SE

[73] NARHI, ANNE, SE

[85] 1994-10-31

[86] 1993-05-10 (SE1993000410)

[87] (1993023766)

[30] SE (9201481-0) 1992-05-11

[11] **2,138,041**
[13] C

[51] **Int.Cl. 5C09D 133/14 5C09D 167/02
5C09D 5/03 5B05D 7/16 5B05D 1/36**

[25] EN

[54] **PROCESS FOR THE PRODUCTION
OF A TWO-COAT FINISH, AND
POWDER COATINGS SUITABLE FOR
THIS PROCESS**

[54] **PROCEDE POUR L'OBTENTION
D'UN REVETEMENT EN DEUX
COUCHES; LES POWDRES
CORRESPONDANTES**

[72] KRANIG, WOLFGANG, DE

[72] CIBURA, KLAUS, DE

[72] WOLTERING, JOACHIM, DE

[72] HILGER, CHRISTOPHER, DE

[72] RADEMACHER, JOSEF, DE

[73] BASF LACKE + FARBEN
AKTIENGESELLSCHAFT, DE

[85] 1994-12-13

[86] 1993-06-23 (EP1993001601)

[87] (1994001504)

[30] DE (P 42 22 194.3) 1992-07-07

[11] **2,143,198**
[13] C

[51] **Int.Cl. 6H04Q 7/22 6H04B 7/26
6H04Q 7/36**

[25] EN

[54] **BEST SERVER SELECTION IN
LAYERED CELLULAR RADIO
SYSTEMS**

[54] **SELECTION DU MEILLEUR
SERVEUR DANS LES SYSTEMES
RADIO CELLULAIRES EN COUCHES**

[72] KARLSSON, BROR AKE, SE

[73] TELEFONAKTIEBOLAGET LM

ERICSSON, SE

[85] 1995-02-23

[86] 1994-06-23 (SE1994000630)

[87] (1995002309)

[30] US (090/734) 1993-07-09

[11] **2,143,666**
[13] C

[51] **Int.Cl. 6H04M 11/06 6G06F 13/00**

[25] EN

[54] **COMPUTER COMMUNICATIONS
DEVICE**

[54] **PERIPHERIQUE A DISPOSITIF DE
COMMUNICATION**

[72] FREADMAN, TOMMYCA, US

[73] SPARKOMATIC CORPORATION, US

[85] 1995-03-01

[86] 1994-06-30 (US1994007377)

[87] (1995001698)

[30] US (08/086,681) 1993-07-02

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[11] **2,144,497**
[13] C

[51] **Int.Cl. 6G01V 3/18 6G01V 3/20
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[25] EN
[54] **MODULAR MEASUREMENT
WHILE DRILLING SENSOR
ASSEMBLY**
[54] **CAPTEUR MWD MODULAIRE**
[72] HARVEY, PETER, US
[72] BAUES, ALEXANDER, DE
[73] BAKER HUGHES INCORPORATED,
US
[22] 1995-03-13
[30] US (08/212,230) 1994-03-14

[11] **2,144,969**
[13] C

[51] **Int.Cl. 6F04D 29/42**
[25] EN
[54] **INLET BELL FOR CENTRIFUGAL
FANS**
[54] **PAVILLON D'ASPIRATION DE
VENTILATEUR CENTRIFUGE**
[72] HUGBART, JEAN-PAUL, FR
[73] FLAKT WOODS AB, SE
[85] 1995-03-17
[86] 1993-09-24 (SE1993000772)
[87] (1994008144)
[30] SE (9202850-5) 1992-10-01

[11] **2,146,351**
[13] C

[51] **Int.Cl. 6A61F 5/00**
[25] EN
[54] **JOINT SUPPORT**
[54] **CARCAN POUR ARTICULATIONS**
[72] CAREY, MICHAEL J., US
[73] SEIRUS INNOVATIVE
ACCESSORIES, INC., US
[85] 1995-04-04
[86] 1993-10-06 (US1993009553)
[87] (1994007443)
[30] US (957,696) 1992-10-07

[11] **2,147,790**
[13] C

[51] **Int.Cl. 6G01V 3/22 6G01V 3/18
6G01V 3/20**
[25] EN
[54] **METHOD AND APPARATUS FOR
MEASURING FORMATION
RESISTIVITY IN CASED HOLES**
[54] **METHODE ET APPAREIL DE
MESURE DE LA RESISTIVITE D'UNE
FORMATION DANS DES TROUS
TUBES**
[72] SEZGINER, ABDURRAHMAN, US
[72] DRUSKIN, VLADIMIR L., US
[73] SCHLUMBERGER CANADA
LIMITED, CA
[22] 1995-04-25
[30] US (08/236,932) 1994-05-02

[11] **2,147,870**
[13] C

[51] **Int.Cl. 6D02G 1/18 6D02G 1/16
6D02G 3/46**
[25] EN
[54] **MAKING TEXTILE STRANDS**
[54] **FABRICATION DE FILS**
[72] CURRAN, WILLIAM WINGATE, GB
[72] AITKEN, JOHN, GB
[73] J. & P. COATS, LIMITED, GB
[85] 1995-04-25
[86] 1993-11-02 (GB1993002255)
[87] (1994010362)
[30] GB (9223102.6) 1992-11-04

[11] **2,149,989**
[13] C

[51] **Int.Cl. 6H04N 7/173 6H04L 9/28**
[25] EN
[54] **VIDEO DATA BUS
COMMUNICATION SYSTEM AND
METHOD**
[54] **SYSTEME ET METHODE DE
TRANSMISSION DE DONNEES VIDEO
VIA UN BAS**
[72] TSUKAMOTO, JUNICHI, JP
[72] GOTO, KOICHI, JP
[72] FUKUSHIMA, SHINICHI, JP
[73] SONY CORPORATION, JP
[22] 1995-05-23
[30] JP (P06-133813) 1994-05-24

[11] **2,150,815**
[13] C

[51] **Int.Cl. 6A01L 5/00**
[25] EN
[54] **PROTECTIVE COVERING FOR A
HORSE'S HOOF AND METHOD OF
ATTACHING**
[54] **ENVELOPPE PROTECTRICE DE
SABOT DE CHEVAL, ET METHODE DE
FIXATION**
[72] SIGAFOOS, ROBERT D., US
[72] MOYER, WILLIAM, US
[72] HAZZARD, MARY, US
[73] THE TRUSTEES OF THE
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[85] 1995-06-01
[86] 1993-12-02 (US1993011685)
[87] (1994012024)
[30] US (984,914) 1992-12-02

[11] **2,150,944**
[13] C

[51] **Int.Cl. 6C07D 305/14 6C07D 405/12
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395**
[25] FR
[54] **NOUVEAUX TAXOIDES, LEUR
PREPARATION ET LES
COMPOSITIONS
PHARMACEUTIQUES QUI LES
CONTIENNENT**
[54] **NEW TAXOIDS; PROCESS FOR
PREPARING THE SAME AND
PHARMACEUTICAL COMPOSITIONS
CONTAINING THEM**
[72] BOUCHARD, HERVE, FR
[72] BOURZAT, JEAN-DOMINIQUE, FR
[72] COMMERCON, ALAIN, FR
[73] AVENTIS PHARMA S.A., FR
[85] 1995-06-02
[86] 1993-12-07 (FR1993001201)
[87] (1994013654)
[30] FR (92 14813) 1992-12-09

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[11] 2,151,458
[13] C
[51] Int.Cl. 6H04N 7/16
[25] EN
[54] AN OPERATION CENTER FOR A TELEVISION PROGRAM PACKAGING AND DELIVERY SYSTEM
[54] CENTRE DE CONTROLE DES OPERATIONS POUR SYSTEME DE GROUPEMENT ET DE DISTRIBUTION DE PROGRAMMES DE TELEVISION
[72] HENDRICKS, JOHN S., US
[72] BONNER, ALFRED E., US
[73] DISCOVERY COMMUNICATIONS, INC., US
[85] 1995-06-09
[86] 1993-12-02 (US1993011617)
[87] (1994014281)
[30] US (07/991,074) 1992-12-09

[11] 2,151,460
[13] C
[51] Int.Cl. 6H04N 7/16 6G06F 17/00
6H04N 7/08
[25] EN
[54] SET TOP TERMINAL FOR CABLE TELEVISION DELIVERY SYSTEMS
[54] TERMINAL INSTALLABLE SUR UN TELEVISEUR POUR SYSTEME DE TELEVISION CABLE
[72] HENDRICKS, JOHN S., US
[72] BONNER, ALFRED E., US
[72] BERKOBIN, ERIC C., US
[73] DISCOVERY COMMUNICATIONS, INC., US
[85] 1995-06-09
[86] 1993-12-02 (US1993011618)
[87] (1994014282)
[30] US (07/991,074) 1992-12-09

[11] 2,151,462
[13] C
[51] Int.Cl. 6H04N 7/16
[25] EN
[54] TELEVISION PROGRAM DELIVERY SYSTEM
[54] SYSTEME DE TELEVISION CABLE
[72] HENDRICKS, JOHN S., US
[72] BONNER, ALFRED E., US
[73] DISCOVERY COMMUNICATIONS, INC., US
[85] 1995-06-09
[86] 1993-12-02 (US1993011706)
[87] (1994014283)
[30] US (07/991,074) 1992-12-09

[11] 2,152,413
[13] C
[51] Int.Cl. 6G01N 33/70
[25] EN
[54] DRY REAGENT FOR CREATININE ASSAY
[54] REACTIF SEC POUR EPREUVE A LA CREATININE
[72] YIP, KIN-FAI, US
[73] BAYER CORPORATION, US
[22] 1995-06-22
[30] US (08/312,559) 1994-09-26

[11] 2,152,681
[13] C
[51] Int.Cl. 6E21B 47/04 6E21B 47/12
[25] EN
[54] SLICKLINE CONVEYED WELLBORE SEISMIC RECEIVER
[54] RECEPTEUR D'ONDES SISMISQUES POUR Puits DE FORAGE
[72] MINTO, JAMES, US
[73] WESTERN ATLAS INTERNATIONAL, INC., US
[22] 1995-06-27
[30] US (08/267,566) 1994-06-28

[11] 2,152,781
[13] C
[51] Int.Cl. 6H04L 27/22
[25] EN
[54] DIGITAL DEMODULATOR WITH FREQUENCY AND TIMING CONTROL
[54] DEMODULATEUR NUMERIQUE A NUMERIQUE A COMMANDE DE FREQUENCE ET DE TEMPS
[72] PETRANOVICH, JAMES E., US
[73] SKYWORKS SOLUTIONS, INC., US
[85] 1995-06-27
[86] 1993-12-30 (US1993012697)
[87] (1994016512)
[30] US (07/999,210) 1992-12-31

[11] 2,154,972
[13] C
[51] Int.Cl. 6B60N 2/28 6B60N 2/44
[25] EN
[54] SAFETY SEAT TETHER STRAP
[54] COURROIE D'ATTACHE POUR SIEGE DE SECURITE
[72] LUMLEY, MICHAEL ANDREW, AU
[72] BOWTELL, WILLIAM, AU
[73] BRITAX CHILDCARE PTY LTD, AU
[22] 1995-07-28
[30] AU (PM 7154) 1994-08-01

[11] 2,155,182
[13] C
[51] Int.Cl. 6C12Q 1/25
[25] EN
[54] METHOD OF EXAMINING HORMONE-DEPENDENT TUMOR
[54] PROCEDE POUR L'EXAMEN DE TUMEURS HORMONODEPENDANTES
[72] NAKAMURA, JUNJI, JP
[72] YOSHIHAMA, MAKOTO, JP
[73] DAIICHI PHARMACEUTICAL CO., LTD., JP
[85] 1995-08-01
[86] 1994-05-13 (JP1994000779)
[87] (1995015398)
[30] JP (339608/1993) 1993-12-03

[11] 2,161,090
[13] C
[51] Int.Cl. 6B65F 3/00
[25] EN
[54] SEQUENCED TAILGATE LOCK
[54] VERROU DE HAYON ARRIERE A ACTION SEQUENTIELLE
[72] FLERCHINGER, GARY G., US
[72] ZANZIG, JERALD G., US
[73] HEIL COMPANY (THE), US
[85] 1995-10-20
[86] 1994-04-26 (US1994004524)
[87] (1994025308)
[30] US (08/053,907) 1993-04-27

[11] 2,161,951
[13] C
[51] Int.Cl. 6F24D 12/02 6F24D 10/00
[25] EN
[54] SYSTEM FOR SUPPLYING CONSUMERS WITH HEAT ENERGY, AND APPARATUS THEREFOR
[54] SYSTEME DE DISTRIBUTION D'ENERGIE THERMIQUE DE CONSOMMATION
[72] SCHWARZ, ALOIS, AT
[72] DURSCH, GERHARD, DE
[72] VOGEL, JURGEN, DE
[73] ERI ENERGIE-RESSOURCEN INSTITUT FORSCHUNGS- UND ENTWICKLUNGS-GMBH, AT
[22] 1995-11-01
[30] AT (A 2067/94) 1994-11-08

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[11] **2,161,957**
[13] C

[51] **Int.Cl. 6H01M 8/12 6H01M 8/02 6H01M 8/24**
[25] EN
[54] **SOLID OXIDE FUEL CELL STRUCTURES**
[54] **CELLULES D'OXYDE SOLIDE**
[72] KENDALL, KEVIN, GB
[73] ACUMENTRICS CORPORATION, US
[85] 1995-11-01
[86] 1994-03-17 (GB1994000549)
[87] (1994022178)
[30] GB (9305804.8) 1993-03-20
[30] GB (9305823.8) 1993-03-20

[11] **2,162,998**
[13] C

[51] **Int.Cl. 6B32B 15/08**
[25] EN
[54] **METALLIZED FILM AND DECORATIVE ARTICLES MADE THEREWITH**
[54] **PELLICULE METALLISEE ET ARTICLES DECORATIFS CONNEXES**
[72] FALAAS, DENNIS O., US
[72] RASCHKE, HOWARD C., US
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 1995-11-15
[86] 1994-04-25 (US1994004518)
[87] (1994029127)
[30] US (08/075297) 1993-06-11

[11] **2,163,633**
[13] C

[51] **Int.Cl. 6B65B 3/26 6B65B 57/00 6B65D 81/24**
[25] EN
[54] **FILLING APPARATUS AND PACKAGING MATERIALS**
[54] **DISPOSITIF DE REMPLISSAGE ET MATERIAUX D'EMBALLAGE**
[72] KANEKO, MASAMICHI, JP
[72] PAPINA, JAN, JP
[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
[85] 1995-11-23
[86] 1994-06-23 (JP1994001004)
[87] (1995000393)
[30] JP (5-152352) 1993-06-23

[11] **2,165,110**
[13] C

[51] **Int.Cl. 6A23L 1/162**
[25] EN
[54] **QUICK COOKING PASTA**
[54] **PATE ALIMENTAIRE A CUISSON RAPIDE**
[72] HAUSER, THOMAS WILHELM, IT
[72] PANATTONI, LORENZO, CH
[73] SOCIETE DES PRODUITS NESTLE S.A., CH
[22] 1995-12-13
[30] EP (94120376.2) 1994-12-22

[11] **2,166,475**
[13] C

[51] **Int.Cl. 6A01N 43/653 6A01N 25/04**
[25] EN
[54] **AQUEOUS, MULTIPHASE, STABLE FINISHED FORMULATION FOR CROP PROTECTION ACTIVE COMPOUNDS AND ITS PREPARATION**
[54] **FORMULATIONS AQUEUSES, STABLES, MULTIPHASIQUES, PRODUIT FINIS POUR COMPOSES DESTINES A PROTEGER LES CULTURES; METHODE DE PREPARATION**
[72] WIGGER, AUGUST, DE
[72] FRICKE, HANS-MICHAEL, DE
[72] KARDORFF, UWE, DE
[72] PARG, ADOLF, DE
[72] KOBER, REINER, DE
[73] BASF AKTIENGESELLSCHAFT, DE
[85] 1996-01-02
[86] 1994-06-27 (EP1994002085)
[87] (1995001722)
[30] DE (P 43 22 211.0) 1993-07-03

[11] **2,167,822**
[13] C

[51] **Int.Cl. 6C12Q 1/00 6G01N 27/327 6C12M 1/40**
[25] EN
[54] **POTENTIOMETRIC BIOSENSOR AND THE METHOD FOR ITS USE**
[54] **BIOCAPTEUR POTENTIOMETRIQUE ET METHODE D'UTILISATION CONNEXE**
[72] KOST, KENT M., US
[72] LINDSAY, THOMAS J., US
[72] PRICE, JOHN F., US
[73] ROCHE DIAGNOSTICS CORPORATION, US
[85] 1996-01-22
[86] 1994-07-21 (US1994008236)
[87] (1995003543)
[30] US (08/097,331) 1993-07-23

[11] **2,168,152**
[13] C

[51] **Int.Cl. 6F16K 31/122**
[25] EN
[54] **PILOT CONTROL VALVE HAVING MEANS FOR RECOVERING EXHAUST FLUIDS**
[54] **ROBINET PILOTE PERMETTANT DE RECUPERER LES FLUIDES EVACUES**
[72] ELLIOTT, ANDREW C., US
[72] GUCCIONE, RAY A., US
[73] CHECKPOINT FLUIDIC SYSTEMS INTERNATIONAL LIMITED, US
[22] 1996-01-26
[30] US (381,557) 1995-01-31

[11] **2,168,779**
[13] C

[51] **Int.Cl. 6B29C 55/00 6D07B 1/16**
[25] EN
[54] **HIGH STRENGTH CORE FOR WIRE ROPES**
[54] **AME A GRANDE RESISTANCE POUR CABLES METALLIQUES**
[72] WALTON, JOHN MAWSON, GB
[73] BRIDON PLC, GB
[85] 1996-02-02
[86] 1994-08-01 (GB1994001672)
[87] (1995004855)
[30] GB (9316190.9) 1993-08-04

[11] **2,170,251**
[13] C

[51] **Int.Cl. 6G06F 17/30 6G06F 17/21**
[25] EN
[54] **ASSOCIATIVE TEXT SEARCH AND RETRIEVAL SYSTEM**
[54] **SYSTEME ASSOCIATIF DE RECHERCHE ET DE RECUPERATION DE TEXTE**
[72] HOLT, JOHN, US
[72] MILLER, DAVID JAMES, US
[72] LU, ALLAN X., US
[72] DALEY, RAY, US
[72] DOAN, MINH, US
[72] GRAHAM, RICHARD G., US
[72] LEININGER, CATHERINE, US
[72] MCBEATH, DARIN W., US
[72] PEASE, THOMAS, US
[72] SEVER, STEPHEN M., US
[72] WADDELL, DALE, US
[72] WECKESSER, FRANZ, US
[73] REED ELSEVIER INC., US
[85] 1996-02-23
[86] 1994-11-22 (US1994013272)
[87] (1995014973)
[30] US (08/155,304) 1993-11-22

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[13] C
[51] Int.Cl. 6C10M 141/06 6C10M 133/02
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[25] EN
[54] INCREASING THE FRICTION
DURABILITY OF POWER
TRANSMISSION FLUIDS THROUGH
THE USE OF OIL SOLUBLE
COMPETING ADDITIVES
[54] ACCROISSEMENT DE LA TENUE
AU FROTTEMENT DE FLUIDES DE
TRANSMISSION DE PUISSANCE PAR
DES ADDITIFS OLEOSOLUBLES
CONCURRENTS
[72] NIBERT, ROGER KEITH, US
[72] BLOCH, RICARDO ALFREDO, US
[72] RYER, JACK, US
[72] WATTS, RAYMOND FREDERICK,
US
[73] EXXONMOBIL CHEMICAL
PATENTS INC., US
[85] 1996-05-13
[86] 1994-12-06 (US1994013990)
[87] (1995017487)
[30] US (170,469) 1993-12-20

[11] 2,177,152
[13] C
[51] Int.Cl. 6H04N 7/173
[25] EN
[54] AN OPERATIONS CENTER WITH
VIDEO STORAGE FOR A TELEVISION
PROGRAM PACKAGING AND
DELIVERY SYSTEM
[54] CENTRE D'EXPLOITATION DOTE
D'UNE MEMOIRE VIDEO DESTINE A
UN SYSTEME DE MISE EN FORME ET
DE DISTRIBUTION DE PROGRAMMES
DE TELEVISION
[72] HENDRICKS, JOHN S., US
[72] WUNDERLICH, RICHARD E., US
[73] DISCOVERY COMMUNICATIONS,
INC., US
[85] 1996-05-22
[86] 1994-12-02 (US1994013809)
[87] (1995015657)
[30] US (08/160,282) 1993-12-02

[11] 2,177,903
[13] C
[51] Int.Cl. 6G01N 22/04 6G01N 3/08
[25] EN
[54] SOIL PENETROMETER
[54] PENETROMETRE DE SOL
[72] COMPTON, BRUCE, CA
[72] WIRES, KEITH, CA
[72] TOPP, CLARKE, CA
[73] HER MAJESTY THE QUEEN IN
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BY THE MINISTER OF AGRICULTURE
AND AGRI-FOOD CANADA, CA
[22] 1996-05-31
[30] US (08/460,777) 1995-06-02

[11] 2,178,200
[13] C
[51] Int.Cl. 6A61F 2/52 6B29C 51/10
[25] EN
[54] A METHOD OF
MANUFACTURING A FOIL-WRAPPED
BREAST PROSTHESIS AND A
SHAPING TOOL FOR USE IN
PERFORMING THE METHOD
[54] PROCEDE DE FABRICATION
D'UNE PROTHESE DE SEIN
ENVELOPPEE DANS UNE FEUILLE ET
OUIL DE FACONNAGE SERVANT A
LA MISE EN APPLICATION DU
PROCEDE
[72] RASMUSSEN, LAURITS BOYE, DK
[73] COLOPLAST A/S, DK
[85] 1996-06-04
[86] 1994-12-21 (DK1994000479)
[87] (1995017141)
[30] DK (1444/93) 1993-12-23

[11] 2,178,498
[13] C
[51] Int.Cl. 6H05B 7/10
[25] EN
[54] PROCESS AND DEVICE FOR
REGULATING THE POSITION OF THE
TIP OF AN ELECTRIC FURNACE
ELECTRODE
[54] PROCEDE ET DISPOSITIF
PERMETTANT DE REGULER LA
POSITION DE LA POINTE D'UNE
ELECTRODE DE FOUR ELECTRIQUE
[72] WEISCHEDEL, WALTER, DE
[72] KUNZE, JURGEN, DE
[73] MANNESMANN AG, DE
[85] 1996-06-06
[86] 1994-12-06 (DE1994001497)
[87] (1995016336)
[30] DE (P 43 42 498.8) 1993-12-07

[11] 2,179,879
[13] C
[51] Int.Cl. 6A01N 43/16 6A01N 63/00
[25] EN
[54] COMPOSITION FOR ENHANCING
GRAIN YIELD AND PROTEIN YIELD
OF LEGUMES GROWN UNDER
ENVIRONMENTAL CONDITIONS
THAT INHIBIT OR DELAY
NODULATION THEREOF
[54] COMPOSITION PERMETTANT
D'AMELIORER LES RENDEMENTS EN
GRAINS ET EN PROTEINES DE
LEGUMES POUSSANT DANS DES
CONDITIONS ENVIRONNEMENTALES
QUI EMPECHENT OU RETARDENT LA
FORMATION DE NODOSITES
[72] SMITH, DONALD L., CA
[72] ZHANG, FENG, CA
[73] THE ROYAL INSTITUTION FOR THE
ADVANCEMENT OF LEARNING
(MCGILL UNIVERSITY), CA
[22] 1996-06-25

[11] 2,181,676
[13] C
[51] Int.Cl. 6G01N 27/06 6G01N 21/07
6G01N 27/10 6G01N 33/18
[25] EN
[54] IMPROVED CELL AND CIRCUIT
FOR MONITORING
PHOTOCHEMICAL REACTIONS
[54] CELLULE ET CIRCUIT
AMELIORES POUR LE CONTROLE
DES REACTIONS PHOTOCHEMIQUES
[72] MELANSON, PAUL C., US
[72] GARVIN, ROBERT L., US
[72] DE MARTIN, LAWRENCE K., US
[72] PANE, DAVID A., US
[72] VALDEZ, JAMES A., US
[73] MILLIPORE CORPORATION, US
[85] 1996-07-19
[86] 1995-12-14 (US1995016407)
[87] (1996018887)
[30] US (08/355,968) 1994-12-14

[11] 2,182,549
[13] C
[51] Int.Cl. 6C02F 1/48 6C02F 5/00
[25] EN
[54] DEVICE FOR NEUTRALIZING
AND PREVENTING FORMATION OF
SCALE AND METHOD
[54] METHODE ET DISPOSITIF POUR
ELIMINER ET PREVENIR LE TARTRE
[72] JEFFERSON, GEORGE NATHAN, US
[73] NATHAN JEFFERSON
ENTERPRISES, INC., US
[22] 1996-08-01
[30] US (649,173) 1996-05-17

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[11] **2,183,478**
[13] C

[51] **Int.Cl. 6G01F 13/00**
[25] EN
[54] **DIGITAL GAS METERING SYSTEM USING TRI-STABLE AND BI-STABLE SOLENOIDS**
[54] **SYSTEME NUMERIQUE DE GAZOMETRIE A L'AIDE DE SOLENOIDES BISTABLES ET TRISTABLES**
[72] CARTER, STEPHEN A., CA
[73] TELEFLEX GFI CONTROL SYSTEMS L.P., CA
[22] 1996-08-16
[30] US (60/002,417) 1995-08-17

[11] **2,185,526**
[13] C

[51] **Int.Cl. 6B23P 21/00 6B21F 3/06**
[25] EN
[54] **APPARATUS FOR MANUFACTURING MATTRESSES AND BOX SPRINGS**
[54] **DISPOSITIF DE FABRICATION DE MATELAS ET DE SOMMIERS METALLIQUES**
[72] ST. CLAIR, ALBERT RONALD, US
[73] DREAMWELL, LTD., US
[85] 1996-09-13
[86] 1994-12-29 (US1994014430)
[87] (1995024987)
[30] US (08/212,235) 1994-03-14

[11] **2,186,068**
[13] C

[51] **Int.Cl. 6G01V 1/28 6G01V 1/32 6G01V 1/36**
[25] EN
[54] **SEISMIC PROCESSING APPARATUS AND METHOD**
[54] **METHODE ET DISPOSITIF DE TRAITEMENT DE SIGNAUX SISMiques**
[72] PETERSON, FRED M., CA
[73] PETERSON, FRED M., CA
[22] 1996-09-20
[30] US (08/543,280) 1995-10-16

[11] **2,186,070**
[13] C

[51] **Int.Cl. 6G06T 7/60 6G01N 21/90**
[25] EN
[54] **CONTAINER INSPECTION WITH FIELD PROGRAMMABLE GATE ARRAY LOGIC**
[54] **INSPECTION DE CONTENANTS AU MOYEN D'UN CIRCUIT LOGIQUE PREDIFFUSE PROGRAMMABLE SUR PLACE**
[72] JUVINALL, JOHN W., US
[73] OWENS-BROCKWAY GLASS CONTAINER INC., US
[22] 1996-09-20
[30] US (08/532,350) 1995-09-22

[11] **2,186,530**
[13] C

[51] **Int.Cl. 6E04C 2/34**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO DOUBLE SKIN COMPOSITE PANELS**
[54] **AMELIORATIONS APORTEES A DES PANNEAUX COMPOSITES A DOUBLE REVETEMENT**
[72] BOWERMAN, HUGH GORDON, GB
[72] BURGAN, BASSAM ADEEB, GB
[73] CORUS UK LIMITED, GB
[85] 1996-09-25
[86] 1995-03-31 (GB1995000749)
[87] (1995027109)
[30] GB (9406438.3) 1994-03-31
[30] GB (9406443.3) 1994-03-31
[30] GB (9406439.1) 1994-03-31
[30] GB (9406545.5) 1994-03-31

[11] **2,188,753**
[13] C

[51] **Int.Cl. 6F02M 17/28**
[25] EN
[54] **IC ENGINE FUEL SUPPLY SYSTEM**
[54] **SYSTEME D'ALIMENTATION EN CARBURANT POUR MOTEUR A COMBUSTION INTERNE**
[72] GLEW, WAYNE KENNETH, AU
[73] GLEW, WAYNE KENNETH, AU
[85] 1996-10-24
[86] 1995-04-21 (AU1995000239)
[87] (1995029335)
[30] AU (PM5244) 1994-04-26

[11] **2,189,608**
[13] C

[51] **Int.Cl. 6H01H 35/38**
[25] EN
[54] **PRESSURE SWITCH WITH INCREASED DEADBAND**
[54] **MANOCONTACT A ZONE MORTE ACCRUE**
[72] ELLETT, JAMES RICHARD, CA
[73] ARGUS MACHINE CO. LTD., CA
[22] 1996-11-05

[11] **2,189,729**
[13] C

[51] **Int.Cl. 6G06G 7/16**
[25] FR
[54] **MULTIPLIEUR RAPIDE POUR MULTIPLIER UN SIGNAL NUMERIQUE PAR UN SIGNAL PERIODIQUE**
[54] **FAST ACTION CIRCUIT FOR MULTIPLYING A DIGITAL SIGNAL AND A PERIODIC SIGNAL**
[72] RENARD, ALAIN, FR
[73] SEXTANT AVIONIQUE, FR
[22] 1996-11-06
[30] FR (95 13346) 1995-11-10

[11] **2,192,018**
[13] C

[51] **Int.Cl. 6F25D 11/00 6F25D 23/06**
[25] EN
[54] **ICEBOX**
[54] **GLACIERE**
[72] MCCLELLAN, ROBERT L., US
[73] MCCLELLAN, ROBERT L., US
[22] 1996-12-04
[30] US (08/568,784) 1995-12-07

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[13] C

[51] Int.Cl. 6B01D 53/46 6B01D 53/14
6B01D 53/48 6B01D 53/68 6B01D 53/77
[25] EN
[54] APPARATUS FOR THE CLEANING
OF FLUE GASES WITH DIFFERENT
CONTENTS OF ACIDIC COMPONENTS
AND METHOD OF OPERATING THE
APPARATUS
[54] DISPOSITIF POUR L'EPURATION
DES GAZ D'ECHAPPEMENT A
TENEUR ACIDE VARIEE; METHODE
POUR SON UTILISATEUR
[72] FIRNHABER, BERNHARD, DE
[72] LANG, MICHAEL, DE
[72] STARCK, CORT, DE
[72] SCHULTE, WOLFGANG, DE
[73] LURGI LENTJES BISCHOFF GMBH,
DE
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[25] EN
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WHILE SENSING AIR-LIQUID
INTERFACE USING PRESSURIZED
AIR FLOW
[54] METHODE POUR EMPECHER LA
FORMATION DE BULLES PAR
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LIQUIDE A L'AIDE D'AIR SOUS
PRESSION
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[73] JOHNSON & JOHNSON CLINICAL
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[25] EN
[54] B,B'-DIHYDROXY MESO-
SUBSTITUTED CHLORINS,
ISOBACTERIOCHLORINS,
BACTERIOCHLORINS, AND
METHODS FOR MAKING THE SAME
FROM B,B'-UNSUBSTITUTED
TETRAPYRROLIC MACROCYCLES
[54] CHLORINES,
ISOBACTERIOCHLORINES,
BACTERIOCHLORINES
.BETA.,.BETA.'-DIHYDROXY
MESOSUBSTITUEES, ET LEURS
PROCEDES DE FABRICATION A
PARTIR DE MACROCYCLES
TETRAPYRROLIQUES .BETA.,.BETA.'
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[72] BRUCKNER, CHRISTIAN, CA
[73] THE UNIVERSITY OF BRITISH
COLUMBIA, CA
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[86] 1995-10-25 (CA1995000602)
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[54] STRUCTURAL BONDING WITH
ENCAPSULATED FOAMING
ADHESIVE
[54] COLLAGES STRUCTURAL A
L'AIDE D'ADHESIF EXPANSIF
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[72] JESSUP, JERRY R., US
[72] PEREZ, RICHARD SR., US
[73] THE BOEING COMPANY, US
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[11] 2,200,740
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[51] Int.Cl. 6B23C 3/13
[25] EN
[54] SURFACE CUTTING METHOD
AND APPARATUS FOR HOT-ROLLED
STEEL PRODUCTS
[54] PROCEDE D'USINAGE DE
SURFACE DE MATERIAUX EN ACIER
LAMINES A CHAUD ET APPAREIL
CORRESPONDANT
[72] ISOYAMA, SHIGERU, JP
[72] HIRABAYASHI, TAKESHI, JP
[72] YUKI, ATSUSNI, JP
[72] SHIMIZU, MASUTO, JP
[72] NAKAGAWA, TADASHI, JP
[72] ICHIKIZAKI, TETSUO, JP
[72] TASHIRO, SHOZO, JP
[72] AMAGASA, TOSHIKI, JP
[72] HAYASHI, KANJI, JP
[72] NIKAIDO, HIDEYUKI, JP
[72] TAKAGI, MITSUHIRO, JP
[72] KATSURA, SHIGEFUMI, JP
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[73] KAWASAKI STEEL CORPORATION,
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[87] (1997003778)
[30] JP (7/187176) 1995-07-24
[30] JP (7/198719) 1995-08-03
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[30] JP (7/205484) 1995-08-11
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[11] 2,202,790
[13] C

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[25] EN
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SYSTEMS
[54] SYSTEMES SYNERGIQUES
ANTIOXYDANTS
[72] BLOCH, RICARDO, ALFREDO, US
[72] WATTS, RAYMOND, FREDERICK,
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[73] EXXONMOBIL CHEMICAL
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[54] **VEHICULE ESCALADEUR POUR CHAISE ROULANTE**
[72] MISAWA, RINTARO, JP
[73] SUNWA LTD., JP
[22] 1997-04-30
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[25] EN
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[54] **COMPOSITIONS D'ENDUIT ET DE REVETEMENT DE SOL A BASE DE POLYSILOXANE EPOXY**
[72] MOWRER, NORMAN R., US
[72] ROJAS, J. LUIS, US
[72] FOSCANTE, RAYMOND E., US
[73] AMERON INTERNATIONAL CORPORATION, US
[85] 1997-05-16
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[11] **2,205,967**
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[54] **MATERIAU COMPOSITE A MATRICE METALLIQUE AMELIORE**
[72] CARDEN, ROBIN A., US
[73] TRANSNUCLEAIRE S.A., FR
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[87] (1997013600)
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[54] **ANALYTICAL KIT**
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[72] RABOVSKI, ALEXANDR B., US
[72] KOCHETOV, IVAN ALEXANDROVICH, RU
[72] BABLYUK, YEVGENEY BORISOVICH, RU
[72] MALEEV, ALEXANDER MICHAELOVICH, RU
[72] LOPUKHIN, YURY MICHAELOVICH, RU
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[54] **FUNGICIDAL MIXTURE**
[54] **MELANGE FONGICIDE**
[72] BAYER, HERBERT, DE
[72] SAUTER, HUBERT, DE
[72] WAGNER, OLIVER, DE
[72] EICKEN, KARL, DE
[72] LORENZ, GISELA, DE
[72] AMMERMANN, EBERHARD, DE
[73] BASF AKTIENGESELLSCHAFT, DE
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[30] DE (P 44 44 911.9) 1994-12-16

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[13] C

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[25] EN
[54] **PROCESS FOR CONTINUOUS PURIFICATION OF CRUDE CAPROLACTAM PREPARED FROM 6-AMINOCAPRONITRILE**
[54] **PROCEDE DE PURIFICATION CONTINUE DE CAPROLACTAME BRUT PREPARE A PARTIR DE 6-AMINOCAPRONITRILE**
[72] RITZ, JOSEF, DE
[72] SCHNURR, WERNER, DE
[72] FISCHER, ROLF, DE
[72] LUYKEN, HERMANN, DE
[72] FUCHS, EBERHARD, DE
[72] ACHHAMMER, GUNTHER, DE
[73] BASF AKTIENGESELLSCHAFT, DE
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[87] (1996020923)
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[11] **2,209,514**
[13] C

[51] **Int.Cl. 6A61K 7/027 6A61K 7/48**
[25] EN
[54] **TRANSFER RESISTANT COSMETIC STICK COMPOSITIONS WITH SEMI-MATTE FINISH**
[54] **COMPOSITIONS DE BATON COSMETIQUE A RESISTANCE AU TRANSFERT ET A FINI DEMI-MAT**
[72] KROG, ANN M., US
[72] BARONE, SALVATORE J., US
[72] JOSE, NATIVIDAD R., US
[72] MCLAUGHLIN, GINA A., US
[73] REVLO CONSUMER PRODUCTS CORPORATION, US
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[51] Int.Cl. 6B41F 13/193
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OFFSET WEB-FED ROTARY
PRINTING MACHINES
[54] MANCHON CYLINDRIQUE EN
CAOUTCHOUC POUR PRESSES
ROTATIVES A BOBINES OFFSET
[72] KNAUER, PETER, DE
[72] HOFFMANN, EDUARD, DE
[72] STEIDLE, PAUL, DE
[73] MAN ROLAND DRUCKMASCHINEN
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[51] Int.Cl. 6C07C 253/10 6C07C 255/02
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[25] EN
[54] PROCESS FOR
HYDROCYANATION IN THE
PRESENCE OF ZERO-VALENT
NICKEL, A BIDENTATE
PHOSPHOROUS COMPOUND AND A
LEWIS ACID
[54] PROCEDE
D'HYDROCYANATATION EN
PRESENCE DE NICKEL DE VALENCE
ZERO, D'UN COMPOSE
PHOSPHOREUX BIDENTE ET D'UN
ACIDE DE LEWIS
[72] BREIKSS, ANNE IRISA, US
[73] E.I. DU PONT DE NEMOURS AND
COMPANY, US
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[86] 1996-03-07 (US1996002551)
[87] (1996029303)
[30] US (08/408,250) 1995-03-22

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[51] Int.Cl. 6H05K 9/00 6H05K 7/14
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FACEPLATE FOR REDUCED EMI
EMISSIONS
[54] PLAQUE FRONTALE DE CARTE A
CIRCUITS, A EMBOITEMENT
REDUISANT LES EMISSIONS EMI
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[72] KABAT, ZBIGNIEW, US
[73] AG COMMUNICATION SYSTEMS
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PANEL AND METHOD OF MAKING
SAME
[54] PANNEAU AGGLOMERE
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SA FABRICATION
[72] BILLING, MARTYN KENNETH, CA
[73] BILLING, MARTYN KENNETH, CA
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[13] C
[51] Int.Cl. 6H04J 1/02
[25] EN
[54] DIGITAL SIGNAL PROCESSING
APPARATUS FOR FREQUENCY
DEMULPLEXING OR
MULTIPLEXING
[54] APPAREIL DE TRAITEMENT DE
SIGNAUX NUMERIQUES POUR LE
DEMULPLEXAGE OU LE
MULTIPLEXAGE EN FREQUENCE
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GB
[72] CORNFIELD, PAUL SIMON, GB
[73] MATRA MARCONI SPACE UK
LIMITED, GB
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[51] Int.Cl. 6C07C 235/52 6C08G 64/00
6C07C 231/02 6C07C 235/34
[25] EN
[54] IMPROVED SYNTHESIS OF
TYROSINE-DERIVED DIPHENOL
MONOMERS
[54] AMELIORATION DE LA
SYNTHESE DES MONOMERES DE
DIPHENOL DERIVE DE TYROSINE
[72] BROCCINI, STEPHEN J., US
[72] KOHN, JOACHIM B., US
[72] SCHWARTZ, ARTHUR L., US
[72] HOOPER, KIMBERLY ANN, US
[73] RUTGERS, THE STATE
UNIVERSITY OF NEW JERSEY, US
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[11] 2,217,880
[13] C
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[25] EN
[54] SYNTHESIS OF OPTICALLY
ACTIVE AMINOINDANOL
[54] SYNTHESE D'AMINOINDANOL
OPTIQUEMENT ACTIF
[72] NUBLING, CHRISTOPH, DE
[72] LADNER, WOLFGANG, DE
[73] BASF AKTIENGESSELLSCHAFT, DE
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[86] 1996-05-07 (EP1996001884)
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[30] DE (19517421.6) 1995-05-12

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[54] ROULEAU DE PRESSE
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[72] SALOMONSSON, CARL-GUSTAF,
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[72] TORNQVIST, KENTH, SE
[72] GUSTAVSSON, LARS, SE
[72] BENGTTSSON, ROLAND, SE
[73] METSO PAPER KARLSTAD
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[51] Int.Cl. 6C12N 15/57 6A61K 38/48
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[25] EN
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AGGREGATE ANGIOSTATIN AND
METHODS OF USE
[54] FRAGMENTS D'ANGIOSTATINE
ET ANGIOSTATINE EN AGREGAT ET
METHODES D'UTILISATION
[72] O'REILLY, MICHAEL S., US
[72] CAO, YIHAI, US
[72] LIN, JIE, US
[72] FOLKMAN, M. JUDAH, US
[73] THE CHILDREN'S MEDICAL
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[54] **CONNECTOR WITH INSERT
MOLDED CAPTIVE BALL**
[54] **JOINTS A ROTULE CAPTIVE
MOULEE**
[72] LAWS, DAVID, US
[72] CHAMBERLIN, JAMES B., US
[73] AVM, INC., US
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[86] 1996-04-18 (US1996005388)
[87] (1996037710)
[30] US (08/445,495) 1995-05-22

[11] **2,223,517**
[13] C

[51] **Int.Cl. 6E21B 29/06**
[25] EN
[54] **MILL GUIDE AND ANCHOR
ASSEMBLY FOR SUBTERRANEAN
WELL CASINGS**
[54] **ENSEMBLE GUIDE DE FRAISAGE
ET DISPOSITIF D'ANCRAGE POUR
CUVELAGES DE Puits SOUTERRAINS**
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[72] GANO, JOHN C., US
[73] HALLIBURTON ENERGY
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[13] C

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[25] EN
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APPARATUS**
[54] **APPAREIL AMELIORE DE
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[72] HANDLEY, RICHARD ARNOLD, CA
[72] MORELLI, VINCE E., CA
[73] CUSTOM PIPE HANDLERS INC., CA
[22] 1997-12-12

[11] **2,230,675**
[13] C

[51] **Int.Cl. 6B29C 45/52 6B29C 45/60**
[25] EN
[54] **BACKFLOW BLOCKING
ARRANGEMENT FOR AN INJECTION
UNIT OF AN INJECTION MOLDING
MACHINE**
[54] **DISPOSITIF DE BLOCAGE DU
REFLUX POUR UNE UNITE
D'INJECTION D'UNE MACHINE A
MOULER PAR INJECTION**
[72] URBANEK, OTTO, AT
[72] BALDINGER, PETER, AT
[72] PITSCHENEDER, WALTHER, AT
[72] EBNER, REINHOLD, AT
[72] BRANDSTATTER, ELMAR, AT
[73] ENGEL MASCHINENBAU
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[87] (1997012743)
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[11] **2,230,860**
[13] C

[51] **Int.Cl. 6H01H 71/00**
[25] EN
[54] **SOLID STATE CONTROL DEVICE
FOR AN ANTI-PUMP CIRCUIT**
[54] **DISPOSITIF DE COMMANDE A
SEMI-CONDUCTEUR POUR CIRCUIT
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[72] TYNER, RICHARD E., US
[73] ABB POWER T & D COMPANY INC.,
US
[22] 1998-02-26
[30] US (08/808,318) 1997-02-28

[11] **2,231,678**
[13] C

[51] **Int.Cl. 6B29C 45/17**
[25] EN
[54] **INJECTION MOLDING MACHINE**
[54] **MACHINE A MOULER PAR
INJECTION**
[72] WIMBAUER, GERHARD, AT
[72] URBANEK, OTTO, AT
[73] ENGEL MASCHINENBAU
GESELLSCHAFT MBH, AT
[85] 1998-03-11
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[30] AT (GM 541/96) 1996-09-16

[11] **2,232,189**
[13] C

[51] **Int.Cl. 6B65D 30/08 6B32B 3/16**
[25] EN
[54] **METHOD OF FILM CREASE
ELIMINATION AND PATCH BAG
WITHOUT CREASE WITHIN LAY-
FLAT BAG**
[54] **METHODE D'ELIMINATION DES
PLIS DANS UNE PELLICULE ET SAC
AVEC PASTILLES APLATI SANS PLI**
[72] WORLEY, RICHARD M., US
[72] MOORE, DONALD B., JR., US
[72] DEPOORTER, LARRY W., US
[72] ODABASHIAN, ROBERT A., US
[72] RAMIREZ, JOSEPH M., US
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[73] CRYOVAC, INC., US
[22] 1998-03-16
[30] US (08/819,841) 1997-03-17

[11] **2,233,597**
[13] C

[51] **Int.Cl. 6G02B 27/18 6G09G 3/02**
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[25] EN
[54] **HIGH EFFICIENCY PROTECTION
DISPLAYS HAVING THIN FILM
POLARIZING BEAM-SPLITTERS**
[54] **DISPOSITIF D'AFFICHAGE DE
PROTECTION EXTREMEMENT
EFFICACE POSSEDANT DES
DIVISEURS DE FAISCEAU DE
POLARISATION A COUCHE MINCE**
[72] DOBROWOLSKI, JERZY A., CA
[72] SULLIVAN, BRIAN THOMAS, CA
[72] LI, LI, CA
[73] NATIONAL RESEARCH COUNCIL
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[25] EN
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SYNCHRONIZED MULTIPLE FORMAT
DATA STORAGE
[54] METHODE ET APPAREIL DE
STOCKAGE SYNCHRONE DE
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[72] KUPNICKI, RICHARD A., CA
[72] PETRESCU, MIHAI G., US
[72] CREVE, HILTON S., US
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[73] LEITCH TECHNOLOGY
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[22] 1998-04-06

[11] 2,234,452
[13] C
[51] Int.Cl. 6G06F 17/14 6G06F 15/18
[25] EN
[54] AN EXPERT SYSTEM FOR
TESTING INDUSTRIAL PROCESSES
AND DETERMINING SENSOR STATUS
[54] SYSTEME EXPERT DE TEST DE
PROCESSUS INDUSTRIEL ET DE
DETERMINATION DE L'ETAT D'UN
CAPTEUR
[72] SINGER, RALPH M., US
[72] GROSS, KENNETH C., US
[73] ARCH DEVELOPMENT
CORPORATION, US
[85] 1998-04-08
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[30] US (08/541,602) 1995-10-10

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[25] EN
[54] CARBURETOR THROTTLE
VALVE FLOW OPTIMIZER
[54] COMPOSANT POUR OPTIMISER
LE DEBIT A TRAVERS LE PAPILLON
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[72] PETERSON, LONN M., US
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[22] 1998-04-07
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[13] C
[51] Int.Cl. 6A23P 1/08 6A23J 3/16 6A23G
3/20
[25] EN
[54] METHOD AND APPARATUS FOR
CONTINUOUSLY PRODUCING BEAN
CURD WITH GARNISH WRAPPED
THEREIN
[54] METHODE ET APPAREIL POUR
PRODUIRE EN CONTINU DU TOFU
RENFERMANT UNE GARNITURE
[72] IWAMOTO, HIROAKI, JP
[73] SENSHOKU CO., LTD., JP
[22] 1998-04-17
[30] JP (9-101641) 1997-04-18

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[13] C
[51] Int.Cl. 6F24D 19/10 6F24D 5/02
[25] EN
[54] AUTOMATIC CONTROL OF AIR
DELIVERY IN FORCED AIR
FURNACES
[54] DISPOSITIF DE COMMANDE
AUTOMATIQUE DU SOUFFLAGE
DANS LES APPAREILS DE
CHAUFFAGE A AIR PULSE
[72] MCNUTT, STEVEN G., CA
[72] TONNER, ROBERT B., CA
[73] MCNUTT, STEVEN G., CA
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[25] EN
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[54] PRODUCTION SIMULTANEE DE
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[72] FISCHER, ROLF, DE
[72] BASSLER, PETER, DE
[72] HILPRECHT, LUTZ, DE
[72] VOIT, GUIDO, DE
[72] LUYKEN, HERMANN, DE
[72] SCHNURR, WERNER, DE
[72] ACHHAMMER, GUNTHER, DE
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[73] IGT, US
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INSTRUMENTS
[54] DISPOSITIF ET PROCEDE
D'ESSAI D'INSTRUMENTS
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[72] JONES, RICHARD F., US
[73] MEDICOR CORPORATION, US
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[25] EN
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CONCENTRATION
[54] PROCEDE ET APPAREIL POUR
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[72] WILLIAMS, PAUL MICHAEL, GB
[72] JONES, DYLAN, GB
[73] LION LABORATORIES LIMITED, GB
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[54] **SYSTEME DE MONITEUR VIDEO
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[72] FARRAND, JOHN, US
[72] BOWERS, WYNN, US
[73] PANAVISION, INC., US
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[54] **PROCESS FOR PREPARING 2,4-
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[54] **PROCEDE D'ELABORATION DE
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[72] VANASSE, BENOIT J., US
[72] TRUESDALE, LARRY K., US
[72] SHERBINE, JAMES P., US
[73] AVENTIS PHARMACEUTICALS
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[85] 1998-06-30
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[25] EN
[54] **METHOD AND APPARATUS FOR
DETERMINING AN IDENTIFYING BIT
SEQUENCE IN A RADIO FREQUENCY
WAVEFORM**
[54] **METHODE ET APPAREIL
SERVANT A DETECTER UNE SUITE
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[72] SUOMINEN, EDWIN A., US
[73] RADIO FREQUENCY SYSTEMS,
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AND A LIQUID DISCHARGE
APPARATUS**
[54] **METHODE DE DISTRIBUTION DE
LIQUIDE ET APPAREIL
CORRESPONDANT**
[72] SUGIYAMA, HIROYUKI, JP
[72] TANEYA, YOICHI, JP
[72] TAJIKA, HIROSHI, JP
[72] KOITABASHI, NORIBUMI, JP
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BARRIER MEMBER**
[54] **ANALYSEUR BIOCHIMIQUE A
CAPILLAIRES MULTIPLES AVEC
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[72] ZHANG, JIAN ZHONG, CA
[72] DOVICH, NORMAN J., CA
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ELECTRODE**
[54] **ELECTRODE DE STIMULATION
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[73] LUDLOW CORPORATION, US
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[54] **CHASSIS COMMUN DE
CONNEXION**
[72] STARKEY, MICHAEL, CA
[72] BEISIEGEL, MICHAEL, CA
[72] PRZYBYLSKI, PIOTR, CA
[73] IBM CANADA LIMITED-IBM
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[54] **COLORANTS ASYMETRIQUES A
BASE DE BENZOXANTHENE**
[72] FURNISS, VERGINE C., US
[72] THEISEN, PETER D., US
[72] HENNESSEY, KEVIN M., US
[72] HAUSER, JOAN, US
[72] BENSON, SCOTT C., US
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[72] BAUMANN, HERVE, FR
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[25] EN
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MAILING
[54] SYSTEME ET METHODE DE
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MANUEL
[72] SCHUMACHER, KARL H., US
[72] RAHRIG, JOHN G., US
[72] WOODMAN, CLARE E., US
[72] DANIELS, EDWARD P., JR., US
[72] KWANT, JOHN F., US
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PROVIDING NOTIFICATION OF A
RECEIVED ELECTRONIC MAIL
MESSAGE
[54] SYSTEME ET METHODE
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[72] BOSCO, JOSEPH A., US
[73] NORTEL NETWORKS LIMITED, CA
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OU DERMATOLOGIQUE A BASE
D'ACIDE ASCORBIQUE SOUS FORME
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[54] ASCORBIC ACID COSMETIC OR
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[72] JACQUIER, ISABELLE, FR
[73] L'OREAL, FR
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[25] EN
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UNIT FOR AN AUTO HOIST LIFT
[54] GROUPE HYDRAULIQUE A
FAIBLE NIVEAU DE BRUIT POUR
ELEVATEUR DE VEHICULES
AUTOMOBILES
[72] HOBSON, NICHOLAS M., GB
[73] FENNER FLUID POWER, A
DIVISION OF FENNER, INC., US
[22] 1998-12-07
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[51] Int.Cl. 6H04Q 3/545 6H04M 11/06
[25] EN
[54] METHOD AND SYSTEM FOR
VOICE CALL COMPLETION USING
INFORMATION RETRIEVED FROM
AN OPEN APPLICATION ON A
COMPUTING MACHINE
[54] METHODE ET SYSTEME
D'ETABLISSEMENT DE
COMMUNICATIONS
TELEPHONIQUES A PARTIR DE
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APPLICATION OUVERTE
D'ORDINATEUR
[72] PETRAS, MICHAEL WILLIAM, CA
[72] PETTY, DOUGLAS, CA
[72] FRANK, ALAN STUART, CA
[73] NORTEL NETWORKS LIMITED, CA
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COMPRESSORS
[54] ECHANGEURS THERMIQUES A
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[72] CAMPBELL, KENNETH C., US
[73] CONOCOPHILLIPS COMPANY, US
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[25] EN
[54] SYSTEM AND METHOD FOR
REDUCING CUMULATIVE NOISE IN A
DISTRIBUTED ANTENNA NETWORK
[54] SYSTEME ET PROCEDE DE
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DANS UN RESEAU D'ANTENNES
REPARTIES
[72] NAIDU, ARUN, US
[72] ECKSTEIN, LARRY, US
[72] HUFFMAN, JACQUE, US
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[72] SPENCER, RUPERT, US
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METHOD FOR MAKING SAME
[54] VOILE STABLE DOTE D'UNE
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[72] BENSON, DOUGLAS HERRIN, US
[72] CURRO, JOHN JOSEPH, US
[73] THE PROCTER & GAMBLE
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[54] **PORTE-OUTIL DE FOND**
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[73] CANADIAN DOWNHOLE DRILL
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[72] GRAB, GEORGE P., US
[73] KENNAMETAL INC., US
[85] 1999-03-22
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[72] REUGEMER, RICHARD, US
[72] THOMAS, DAVID, US
[72] BLENKUSH, ROBERT, US
[73] SPX CORPORATION, US
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[13] C

[51] **Int.Cl. 6H04L 12/56**
[25] EN
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SWITCHING SYSTEM**
[54] **ARCHITECTURE POUR UN
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[72] TARSKY, ANATOLY, CA
[72] WONG, EDMUND, CA
[72] BARKHOUSE, BRUCE I., CA
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[73] NORTEL NETWORKS LIMITED, CA
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[25] EN
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IMPROVED GEOPHYSICAL
INFORMATION ABOUT EARTH
FORMATIONS**
[54] **PROCEDE D'OBTENTION
D'INFORMATIONS GEOGRAPHIQUES
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[72] TUBEL, PAULO, US
[72] LEGGETT, JAMES V., III, US
[72] REIMERS, NILS, NO
[72] HARRELL, JOHN W., US
[73] BAKER HUGHES INCORPORATED,
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[25] EN
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TWICE-ORIENTED POLYMER HOSE
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[54] **DISPOSITIF DE BLOCAGE AUTO-
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ORIENTE**
[72] STUEMKY, ROBERT E., US
[73] THE GATES CORPORATION, US
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[54] **DETERGENT COMPOSITIONS**
[54] **COMPOSTIONS DETERGENTES**
[72] HEINZMAN, STEPHEN WAYNE, GB
[72] HALL, ROBIN GIBSON, GB
[72] GRAY, PETER GERARD, GB
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CARBIDE AND NICKEL CHROMIUM**
[54] **CARBURE DE CHROME ET
NICKEL-CHROME EN POUFRE**
[72] LAUL, KOMAL, US
[72] SOMOSKEY, RONALD E., JR., US
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[73] SULZER METCO (US) INC., US
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[25] EN
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[72] ROGERS, PETER RICHARD, US
[73] ELSTER ELECTRICITY, LLC, US
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[25] EN
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FRAMES
[54] METHODE ET DISPOSITIF POUR
LA TRANSMISSION DE PAQUETS ET
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[72] TAMURA, MOTOSHI, JP
[72] KAWAKAMI, HIROSHI, JP
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COMMUNICATIONS NETWORK
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[72] SWALE, RICHARD PAUL, GB
[73] BRITISH TELECOMMUNICATIONS
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[25] EN
[54] PROCESS FOR PRODUCTION OF
CEMENT
[54] PROCEDE DE PRODUCTION DE
CIMENT
[72] FUJII, TAKASHI, JP
[72] TOKITAKA, SHINJI, JP
[72] HIRAO, HIROSHI, JP
[72] SERI, NAOKIYO, JP
[72] ITO, MITSUHIRO, JP
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CORPORATION, JP
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[73] HONDA GIKEN KOGYO
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[51] Int.Cl. 6H01R 13/66 6B60R 16/02
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[25] EN
[54] BI-COLOR LED TRAILER
CONNECTOR CIRCUIT PROTECTOR
AND INDICATOR
[54] DISPOSITIF DE PROTECTION DE
CIRCUIT MUNI D'UN VOYANT DEL
DEUX COULEURS, POUR ATTELAGE
DE REMORQUE
[72] LIMOGUE, HENRY J., US
[72] BRYANT, RICHARD, US
[72] JOHNSON, RICHARD, US
[73] DRAW-TITE, INC., US
[22] 1999-06-14
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[13] C
[51] Int.Cl. 6D01D 5/253
[25] EN
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CROSS SECTIONS
[54] AMELIORATIONS DES COUPES
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[73] E.I. DU PONT DE NEMOURS AND
COMPANY, US
[85] 1999-06-10
[86] 1997-12-17 (US1997023708)
[87] (1998029584)
[30] US (08/778,462) 1997-01-03

[11] 2,276,655
[13] C
[51] Int.Cl. 6E01D 1/00
[25] EN
[54] LIP GUIDING MECHANISM FOR
DOCK LEVELERS
[54] MECANISME DE GUIDAGE DE
LEVRE POUR LES NIVELEURS DE
QUAIS
[72] HOLM, DAVID, US
[73] RITE-HITE HOLDING
CORPORATION, US
[22] 1999-06-22
[30] US (09/102,313) 1998-06-22

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[54] **CALENDER ARRANGEMENT FOR MANUFACTURING A PAPER WEB**
[54] **CALANDRE DESTINEE A LA FABRICATION D'UNE BANDE DE PAPIER**
[72] HELMUS, MATHIAS, DE
[72] STOCK, GERHARD, DE
[72] KAYSER, FRANZ, DE
[72] HINZ, JOACHIM, DE
[73] VOITH SULZER PAPIERTECHNIK PATENT GMBH, DE
[22] 1999-07-15
[30] DE (198 32 065.5) 1998-07-16

[11] **2,277,751**
[13] C

[51] **Int.Cl. 6B28B 19/00**
[25] EN
[54] **METHOD OF MAKING FOAM/ CONCRETE BUILDING PANELS**
[54] **PROCEDE DE FABRICATION DE PANNEAUX DE CONSTRUCTION EN MOUSSE ET EN BETON**
[72] VELDHUIS, ROBERT, CA
[72] KRIZIK, LUBO, CA
[73] 888804 ONTARIO LIMITED, CA
[85] 1999-07-13
[86] 1997-12-05 (CA1997000950)
[87] (1998025745)
[30] US (60/033,150) 1996-12-13

[11] **2,279,009**
[13] C

[51] **Int.Cl. 6B60G 17/015 6B60G 21/055**
[25] EN
[54] **APPARATUS FOR USE IN A VEHICLE SUSPENSION**
[54] **APPAREIL DESTINE A LA CONSTITUTION DE LA SUSPENSION D'UN VEHICULE**
[72] URBACH, BRIAN A., US
[72] STRUSS, FRANK J., US
[73] TRW INC., US
[22] 1999-07-23
[30] US (09/122,571) 1998-07-24

[11] **2,279,186**
[13] C

[51] **Int.Cl. 6C07C 311/54 6A61K 31/64**
[25] EN
[54] **SULFONYL UREA DERIVATIVES AND THEIR USE IN THE CONTROL OF INTERLEUKIN-1 ACTIVITY**
[54] **DERIVES DE SULFONYLUREE ET LEUR APPLICATION EN MATIERE DE REGULATION DE L'ACTIVITE DE L'INTERLEUKINE-1**
[72] DOMBROSKI, MARK ANTHONY, US
[72] EGGLEER, JAMES FREDERICK, US
[73] PFIZER INC., US
[85] 1999-07-28
[86] 1997-12-29 (IB1997001603)
[87] (1998032733)
[30] US (60/036,979) 1997-01-29

[11] **2,279,194**
[13] C

[51] **Int.Cl. 6A47L 9/06 6A47L 9/16 6A47L 5/28**
[25] EN
[54] **VACUUM CLEANER**
[54] **ASPIRATEUR**
[72] DYSON, JAMES, GB
[73] NOTETRY LIMITED, GB
[85] 1999-07-27
[86] 1998-01-30 (GB1998000295)
[87] (1998033424)
[30] GB (9701857.6) 1997-01-30

[11] **2,279,660**
[13] C

[51] **Int.Cl. 6A61F 2/38**
[25] EN
[54] **KNEE JOINT PROSTHESIS WITH SPINOUT PREVENTION**
[54] **ENDOPROTHESE DU GENOU AVEC PREVENTION ANTI-ROTATION**
[72] PAPPAS, MICHAEL J., US
[73] BIOMEDICAL ENGINEERING TRUST I, US
[22] 1999-08-05
[30] US (60/095,382) 1998-08-05

[11] **2,280,538**
[13] C

[51] **Int.Cl. 6B62D 51/04 6A01D 34/68**
[25] EN
[54] **GROUND SPEED CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE VITESSE D'AVANCEMENT**
[72] FRIBERG, NATHAN J., US
[72] SCHMIDT, LARRY W., US
[72] STALPES, PHILIP G., US
[72] THORUD, RICHARD A., US
[72] TILLOTSON, HENRY B., III, US
[73] THE TORO COMPANY, US
[22] 1999-08-19
[30] US (09/156,981) 1998-09-18

[11] **2,281,400**
[13] C

[51] **Int.Cl. 6H04L 7/02 6H04L 27/01**
[25] EN
[54] **ITERATIVE ESTIMATION OF TIMING IN GSM BURSTS**
[54] **ESTIMATION ITERATIVE DE LA TEMPORISATION DES SALVES GSM**
[72] ZHOU, HAI, GB
[73] LUCENT TECHNOLOGIES INC., US
[22] 1999-09-02
[30] EP (98308521.8) 1998-10-19

[11] **2,282,877**
[13] C

[51] **Int.Cl. 7C07D 225/02 7C07D 201/04 7C07D 223/10**
[25] FR
[54] **PROCEDE DE PREPARATION DE LACTAMES A PARTIR DES CYCLOALCANONE OXIMES CORRESPONDANTES**
[54] **LACTAM PREPARATION METHOD USING CORRESPONDING CYCLOALCANONE OXIMES**
[72] OLLIVIER, JEAN, FR
[73] ATOFINA, FR
[22] 1999-09-21
[30] FR (98 11733) 1998-09-21

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[13] C

[51] **Int.Cl. 6B41M 5/20 6B41J 2/525**
[25] EN
[54] **ELECTROCOAGULATION
PRINTING METHOD AND APPARATUS
PROVIDING ENHANCED IMAGE
RESOLUTION**
[54] **METHODE ET APPAREIL
D'IMPRESSON PAR
ELECTROCOAGULATION
AMELIORANT LA RESOLUTION DE
L'IMAGE**
[72] CASTEGNIER, ADRIEN, CA
[73] ELCORSY TECHNOLOGY INC., CA
[22] 1999-09-15

[11] **2,284,511**
[13] C

[51] **Int.Cl. 6A62C 35/00 6A62C 13/70**
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[54] **FIRE EXTINGUISHER**
[54] **EXTINCTEUR**
[72] PELZEL, WOLFGANG, DE
[72] RIAD, NADER, EG
[73] BAVARIA EGYPT (S.A.E.), EG
[85] 1999-09-10
[86] 1998-03-10 (DE1998000725)
[87] (1998040125)
[30] DE (197 10 300.6) 1997-03-13

[11] **2,284,968**
[13] C

[51] **Int.Cl. 6H01M 2/14**
[25] EN
[54] **FUEL CELL**
[54] **PILE A COMBUSTIBLE**
[72] SUGITA, NARUTOSHI, JP
[72] OKADA, NOBORU, JP
[72] OHBA, TSUGIO, JP
[73] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 1999-09-29
[30] JP (10-280283) 1998-10-01

[11] **2,287,657**
[13] C

[51] **Int.Cl. 6H04Q 3/64 6H04Q 3/42**
[25] EN
[54] **METHOD FOR THE
MANAGEMENT OF AN AUTOMATIC
BRANCH EXCHANGE WITH THE
CREATION OF A TABLE OF USERS,
AND CORRESPONDING AUTOMATIC
BRANCH EXCHANGE**
[54] **METHODE DE GESTION D'UN
CENTRAL SECONDAIRE
AUTOMATIQUE PAR CREATION D'UN
TABLEAU DES UTILISATEURS, ET
CENTRAL SECONDAIRE
AUTOMATIQUE CORRESPONDANT**
[72] LEBOULZEC, DIDIER, FR
[73] LUCENT TECHNOLOGIES INC., US
[22] 1999-10-27
[30] EP (98460056.9) 1998-12-10

[11] **2,288,686**
[13] C

[51] **Int.Cl. 6C08L 23/08 6C08J 9/04
6C08L 23/06 6C08F 210/16 6H01B 7/18
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4/642**
[25] EN
[54] **ETHYLENE COPOLYMER
COMPOSITION AND USE THEREOF**
[54] **COMPOSITION DE COPOLYMERE
D'ETHYLENE ET UTILISATION DE
CETTE DERNIERE**
[72] TAKAHASHI, MAMORU, JP
[72] SUGIMURA, KENJI, JP
[72] NAKAGAWA, TAKASHI, JP
[72] YOSHITSUGU, KEN, JP
[73] MITSUI CHEMICALS INC., JP
[85] 1999-11-09
[86] 1999-03-10 (JP1999001144)
[87] (1999046325)
[30] JP (10/58636) 1998-03-10

[11] **2,289,580**
[13] C

[51] **Int.Cl. 7B22D 11/22 7B22D 15/00
7G01N 25/18 7G05D 23/24 7G01N 33/28**
[25] EN
[54] **METHOD AND APPARATUS FOR
MEASURING QUENCHANT
PROPERTIES OF COOLANTS**
[54] **PROCEDE ET APPAREIL DE
MESURE DES PROPRIETES DE
MILIEU TREMPANT DE
REFRIGERANTS**
[72] CARON, YVES, CA
[72] GENDRON, ANDRE, CA
[72] BOURGEOIS, THIERRY, CA
[72] LANGLAIS, JOSEPH, CA
[73] ALCAN INTERNATIONAL LIMITED,
CA
[85] 1999-11-05
[86] 1998-05-08 (CA1998000450)
[87] (1998052026)
[30] US (08/854,104) 1997-05-09

[11] **2,289,609**
[13] C

[51] **Int.Cl. 6B25J 13/00 6G05B 19/414**
[25] EN
[54] **ROBOT CONTROL UNIT**
[54] **DISPOSITIF DE COMMANDE DE
ROBOT**
[72] ONOUE, KAZUHIKO, JP
[72] UENO, TAKAHIRO, JP
[72] KOYAMA, MASATAKA, JP
[72] SHIMOMURA, NOBUYASU, JP
[73] KAWASAKI JUKOGYO KABUSHIKI
KAISHA, JP
[85] 1999-11-12
[86] 1998-05-12 (JP1998002092)
[87] (1998051456)
[30] JP (121342/1997) 1997-05-12

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[11] **2,290,579**
[13] C

[51] **Int.Cl. 7H04B 1/707**
[25] EN
[54] **ASYMMETRIC CHANNEL ALLOCATION FOR A MOBILE STATION IN A CDMA COMMUNICATION NETWORK**
[54] **ATTRIBUTION ASYMETRIQUE DE CANAUX A UNE STATION MOBILE DANS UN RESEAU A ACCES MULTIPLE PAR REPARTITION DE CODE (AMCR)**
[72] KIM, YOUNG KY, KR
[72] AHN, JAE MIN, KR
[72] KANG, HEE-WON, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 1999-11-10
[86] 1998-06-26 (KR1998000187)
[87] (1999000911)
[30] US (60/050,869) 1997-06-26
[30] US (08/998,343) 1997-12-24

[11] **2,291,840**
[13] C

[51] **Int.Cl. 7B60K 6/04 7B60L 11/12 7B60L 15/20 7B60L 15/42**
[25] EN
[54] **CONTROL SYSTEM FOR HYBRID VEHICLE**
[54] **SYSTEME DE COMMANDE POUR VEHICULE MIXTE**
[72] WAKASHIRO, TERUO, JP
[72] KITAJIMA, SHINICHI, JP
[72] SAWAMURA, KAZUTOMO, JP
[72] KURODA, SHIGETAKA, JP
[72] NAKAMOTO, YASUO, JP
[72] MATSUBARA, ATSUSHI, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 1999-12-06
[30] JP (10-347541) 1998-12-07

[11] **2,292,148**
[13] C

[51] **Int.Cl. 7H01P 7/00**
[25] EN
[54] **RESONATOR, FILTER AND DUPLEXER HAVING SPIRALLY ARRANGED CONDUCTIVE LINES**
[54] **RESONATEUR, FILTRE, DUPLEXEUR AYANT UN ARRANGEMENT DE LIGNES CONDUCTRICES EN SPIRALE**
[72] OTA, MICHIAKI, JP
[72] ABE, SHIN, JP
[72] HIDAKA, SEIJI, JP
[72] ISHIKAWA, YOHEI, JP
[73] MURATA MANUFACTURING CO., LTD., JP
[22] 1999-12-08
[30] JP (10-363949) 1998-12-22
[30] JP (11-99850) 1999-04-07

[11] **2,292,175**
[13] C

[51] **Int.Cl. 7H02M 7/217**
[25] EN
[54] **SINGLE STAGE AC/DC CONVERTER FOR HIGH FREQUENCY AC DISTRIBUTION SYSTEMS**
[54] **CONVERTISSEUR AC/DC MONOPHASIQUE POUR SYSTEMES DE DISTRIBUTION AC HAUTE FREQUENCE**
[72] JAIN, PRAVEEN KUMAR, CA
[73] CHIPPOWER.COM, INC., CA
[22] 1999-12-15

[11] **2,292,215**
[13] C

[51] **Int.Cl. 7C21D 9/52 7C21D 1/26**
[25] EN
[54] **PROCESS FOR CONTINUOUS HEATING AND CLEANING OF WIRE AND STRIP PRODUCTS IN A STRATIFIED FLUIDIZED BED**
[54] **PROCEDE DE CHAUFFAGE ET DE NETTOYAGE CONTINUUS DES FILS ET DES BANDES DANS UN LIT FLUIDISE SUPERPOSE**
[72] VAN DEN SYPE, JAAK STEFAAN, US
[73] PRAXAIR TECHNOLOGY, INC., US
[22] 1999-12-14
[30] US (09/212,388) 1998-12-16

[11] **2,292,465**
[13] C

[51] **Int.Cl. 7F25D 19/00 7F25B 9/14**
[25] EN
[54] **CRYOGENIC COOLER WITH MECHANICALLY-FLEXIBLE THERMAL INTERFACE**
[54] **REFROIDISSEUR CRYOGENIQUE AVEC INTERFACE MECANIQUEMENT FLEXIBLE**
[72] THOMPSON, ROBERT M., US
[72] ROSS, BRADLEY A., US
[73] RAYTHEON COMPANY, US
[85] 1999-12-02
[86] 1999-04-01 (US1999007356)
[87] (1999051922)
[30] US (09/054,892) 1998-04-03

[11] **2,293,461**
[13] C

[51] **Int.Cl. 7C07F 7/08 7A61K 31/695**
[25] EN
[54] **ALKYL-4-SILYLHETEROCYCLIC PHENOLS AND THIOPHENOLS AS ANTIOXIDANT AGENTS**
[54] **THIOPHENOLS ET PHENOLS ALKYL-4-SILYLHETEROCYCLIQUES UTILISES COMME AGENTS ANTIOXYDANTS**
[72] CHEN, KIM S., US
[72] EDWARDS, MICHAEL L., US
[72] VAAL, MARK J., US
[72] PARKER, ROGER A., US
[72] MATT, JAMES E., JR., US
[72] WRIGHT, PAUL S., US
[72] BUSCH, STEVEN J., US
[72] YATES, MARK T., US
[73] AVENTIS PHARMACEUTICALS INC., US
[85] 1999-12-10
[86] 1998-05-21 (US1998010510)
[87] (1998058938)
[30] US (08/881,627) 1997-06-24

[11] **2,297,020**
[13] C

[51] **Int.Cl. 7B05B 15/02**
[25] EN
[54] **REVERSIBLE TIP DETENT**
[54] **DISPOSITIF ET PROCEDE DE DETENTE REVERSIBLE D'UNE TETE DE PULVERISATION**
[72] JOHNSON, SHAWN C., US
[72] KRUZEL, THOMAS F., US
[73] WAGNER SPRAY TECH CORPORATION, US
[85] 2000-01-20
[86] 1998-07-28 (US1998015676)
[87] (1999006152)
[30] US (902,208) 1997-07-29

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[11] 2,298,482
[13] C

[51] Int.Cl. 7B23Q 11/00
[25] EN
[54] MACHINE-TOOL
[54] MACHINE-OUTIL
[72] STAIGER, HANS, DE
[73] EX-CELL-O GMBH, DE
[85] 2000-01-21
[86] 1998-07-29 (DE1998002159)
[87] (1999006176)
[30] DE (197 32 608.0) 1997-07-29

[11] 2,300,764
[13] C

[51] Int.Cl. 7F21V 1/06
[25] EN
[54] SIDELESS COLLAPSIBLE FRAME
LAMP SHADE
[54] ABAT-JOUR A SUPPORT
REPLIABLE SANS COTES
[72] SHIH, WEN-SHOWN, XX
[73] SHIH, WEN-SHOWN, XX
[22] 2000-03-16

[11] 2,301,305
[13] C

[51] Int.Cl. 7C08K 5/01 7C08J 5/00 7C08K
5/05 7C08K 5/06 7C08K 5/14 7C08K 5/18
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[25] EN
[54] A POLYETHYLENE
CROSSLINKABLE COMPOSITION
[54] UNE COMPOSITION
RETICULABLE DE POLYETHYLENE
[72] BISWAS, ATANU, US
[72] FURNO, JOHN SALVATORE, US
[72] GROSS, LAURENCE HERBERT, US
[72] KEOGH, MICHAEL JOHN, US
[72] NGUYEN, TUYEN T., US
[72] NELSON, FREDERICK F., US
[72] CARONIA, PAUL JOSEPH, US
[73] UNION CARBIDE CHEMICALS &
PLASTICS TECHNOLOGY
CORPORATION, US
[73] HERCULES INCORPORATED, US
[22] 2000-03-17
[30] US (09/271,754) 1999-03-18

[11] 2,301,320
[13] C

[51] Int.Cl. 7G09F 9/37
[25] EN
[54] ARRAY ADDRESSING OF
PNEUMATICALLY SWITCHED IMAGE
DISPLAY DEVICE
[54] ADRESSAGE D'UN RESEAU DE
DISPOSITIFS D'AFFICHAGE
D'IMAGES A COMMANDE
PNEUMATIQUE
[72] MONTOUR, MICHAEL JAMES, CA
[72] COOPE, ROBIN JOHN NOEL, CA
[73] THE UNIVERSITY OF BRITISH
COLUMBIA, CA
[85] 2000-02-11
[86] 1998-05-08 (CA1998000456)
[87] (1999010863)
[30] US (08/917,615) 1997-08-26

[11] 2,302,727
[13] C

[51] Int.Cl. 7C07D 279/12 7C07C 231/02
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235/16 7C07C 323/25 7C07D 265/32
7C07C 209/50 7C07C 323/52 7C07C 211/
53 7C07C 323/60
[25] EN
[54] PROCESS FOR PREPARING
CYCLIC THIOAMIDES
[54] SYNTHESE DE THIO-AMIDES
CYCLIQUES
[72] QALLICH, GEORGE JOSEPH, US
[72] RAGGON, JEFFREY WILLIAM, US
[72] HILL, PAUL DAVID, US
[73] PFIZER PRODUCTS INC., US
[22] 2000-03-28
[30] US (60/126,831) 1999-03-30

[11] 2,302,987
[13] C

[51] Int.Cl. 7B32B 5/30 7B32B 27/14
7A61F 13/53 7A61L 15/60
[25] EN
[54] A PROTECTIVE MULTI-LAYERED
LIQUID RETAINING COMPOSITE
[54] UN COMPOSITE MULTI-COUCHE
DE PROTECTION RETENANT LES
LIQUIDES
[72] BUMBARGER, THOMAS H., US
[72] BUMBARGER, BRIAN K., US
[72] BUMBARGER, SCOTT A., US
[73] AQUATEX INDUSTRIES, INC., US
[22] 2000-03-22
[30] US (09/275,194) 1999-03-23
[30] US (09/408,861) 1999-09-30

[11] 2,305,750
[13] C

[51] Int.Cl. 6A61K 31/315 6A61K 33/30
[25] EN
[54] STABLE SOLUTION OF ZINC AND
BICARBONATE IONS
[54] SOLUTION STABLE DE ZINC ET
D'IONS DE BICARBONATE
[72] YAM, BENNY S., US
[73] CHURCH & DWIGHT CO., INC., US
[85] 2000-04-07
[86] 1998-10-23 (US1998022459)
[87] (1999021547)
[30] US (08/957,904) 1997-10-27

[11] 2,309,796
[13] C

[51] Int.Cl. 7C07C 403/12 7C07J 9/00
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7A61P 17/08 7A61P 17/10 7A61K 31/265
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7A61K 31/58
[25] FR
[54] DERIVES CARBONATES DE
RETINOL, PROCEDE DE
PREPARATION ET UTILISATIONS
[54] CARBONATE DERIVATIVES OF
RETINOL, PROCESS FOR THEIR
PREPARATION AND USES
[72] DALKO, MARIA, FR
[72] TULOUP, REMY, FR
[72] RUBINSTENN, GILLES, FR
[73] L'OREAL, FR
[22] 2000-05-29
[30] FR (99 06 872) 1999-06-01

[11] 2,310,420
[13] C

[51] Int.Cl. 7B62D 5/04
[25] EN
[54] VEHICLE ELECTRIC STEERING
APPARATUS
[54] DIRECTION ELECTRIQUE DE
VEHICULE
[72] URBACH, BRIAN A., US
[73] TRW INC., US
[22] 2000-06-01
[30] US (09/324,320) 1999-06-02

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[11] **2,310,607**
[13] C

[51] **Int.Cl. 6F24H 1/44 6F24H 1/32**
[25] EN
[54] **DEVICE FOR HEATING FLUID**
[54] **DISPOSITIF DE CHAUFFE DE FLUIDE**
[72] VAN DIJK, PETRUS MARTINUS, NL
[72] HIRS, GILLES, NL
[72] MOZES, ERIK, NL
[73] VAN DIJK HEATING B.V., NL
[85] 2000-05-15
[86] 1998-11-26 (NL1998000673)
[87] (1999027309)
[30] NL (1007623) 1997-11-26

[11] **2,312,292**
[13] C

[51] **Int.Cl. 7B25B 23/04**
[25] EN
[54] **SCREWDRIVER WITH DUAL CAM SLOT FOR COLLATED SCREWS**
[54] **TOURNEVIS DOTE D'UNE FENTE POUR DEUX CAMES, POUR VIS RETENUES ENSEMBLE PAR UNE BANDE**
[72] HABERMEHL, G. LYLE, US
[73] HABERMEHL, G. LYLE, US
[22] 1998-06-19
[62] 2,293,615
[30] US (08/882,323) 1997-06-25
[30] WO (PCT/CA98/00601) 1998-06-19

[11] **2,313,712**
[13] C

[51] **Int.Cl. 7B41J 2/04 7B05B 17/06**
[25] EN
[54] **AN ACOUSTIC INK JET PRINTHEAD DESIGN AND METHOD OF OPERATION UTILIZING FLOWING COOLANT AND AN EMISSION FLUID**
[54] **UNE CONCEPTION DE TETE D'IMPRESSIION ACOUSTIQUE A JET D'ENCRE ET MODE DE FONCTIONNEMENT AVEC CIRCULATION DE LIQUIDE DE REFROIDISSEMENT ET UN FLUIDE EMETTEUR**
[72] ROY, JOY, US
[72] HADIMIOGLU, BABUR B., US
[73] XEROX CORPORATION, US
[22] 2000-07-11
[30] US (09/361,038) 1999-07-23
[30] US (09/361,039) 1999-07-23

[11] **2,314,922**
[13] C

[51] **Int.Cl. 7H01J 37/32 7H05H 1/46**
[25] EN
[54] **DEVICE FOR PRODUCING EXCITED/IONIZED PARTICLES IN A PLASMA**
[54] **DISPOSITIF POUR PRODUIRE DES PARTICULES EXCITEES ET/OU IONISEES DANS UN PLASMA**
[72] GSCHWANDTNER, ALEXANDER, DE
[72] STEINHARDT, HEINZ, AT
[72] MATHUNI, JOSEF, DE
[73] R3T GMBH RAPID REACTIVE RADICALS TECHNOLOGY, DE
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[87] (2000024031)
[30] DE (198 47 848.8) 1998-10-16

[11] **2,315,065**
[13] C

[51] **Int.Cl. 6H04B 17/00 6H04B 7/185**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING CHARACTERISTICS OF COMPONENTS OF A COMMUNICATION CHANNEL UNDER LOAD**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER LES CARACTERISTIQUES DES CONSTITUANTS D'UNE VOIE DE COMMUNICATION DANS DES CONDITIONS D'UTILISATION**
[72] HARLES, GUY, LU
[72] BETHSCHEIDER, GERHARD, DE
[73] SES ASTRA S.A., LU
[85] 2000-06-16
[86] 1998-12-17 (EP1998008307)
[87] (1999033204)
[30] EP (97122421.7) 1997-12-18

[11] **2,315,067**
[13] C

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[73] SCHERING-PLOUGH ANIMAL HEALTH LIMITED, AU
[85] 2000-06-16
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[87] (1999032088)
[30] AU (PP 1054) 1997-12-19

[11] **2,315,618**
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[51] **Int.Cl. 6C01B 15/029**
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[54] **PROCEDE DE PRODUCTION DE PEROXYDE D'HYDROGENE**
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[72] HERRMANN, WOLFGANG, SE
[72] NYSTROM, MATS, SE
[73] AKZO NOBEL N.V., NL
[85] 2000-06-20
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[11] **2,317,379**
[13] C

[51] **Int.Cl. 7H05K 7/02 7H04Q 7/32 7H04M 1/725**
[25] EN
[54] **PORTABLE ELECTRONIC DEVICE**
[54] **DISPOSITIF ELECTRONIQUE PORTATIF**
[72] MIYAKE, HIDEKI, JP
[72] MAKINO, MASAMI, JP
[73] SANYO ELECTRIC CO., LTD., JP
[22] 2000-08-25
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[51] Int.Cl. 7F16H 61/28
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[54] TRANSMISSION AUTOMATIQUE DE VEHICULE
[72] HATTORI, TAKAFUMI, JP
[72] TAKASHIMA, TARO, JP
[72] TANIZAWA, SHOICHI, JP
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[13] C
[51] Int.Cl. 7G02B 6/42
[25] EN
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[54] PHOTOCOUPLEUR A SEMICONDUCTEURS MONOLITHIQUES INCORPORANT UNE RAINURE D'ALIGNEMENT DE FIBRE OPTIQUE
[72] MAJ, TOMASZ, CA
[72] BENOIT, RICHARD, CA
[72] ROLSTON, DAVID R., CA
[73] FCI CANADA INC., CA
[22] 2000-09-11

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[51] Int.Cl. 6G02B 5/18 6B42D 15/10 6G06K 19/16
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[54] MOTIF DE SURFACE
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[72] STAUB, RENE, CH
[73] OVD KINEGRAM AG, CH
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[87] (1999038038)
[30] CH (190/98) 1998-01-27

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[51] Int.Cl. 7A63B 55/00 7A45F 5/00
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[54] RATELIER DE TRANSPORT DE BATONS DE GOLF
[72] MIURA, ATSUSHI, CA
[73] MIURA, ATSUSHI, CA
[22] 2000-09-02

[11] 2,319,717
[13] C
[51] Int.Cl. 7G06K 11/06 7H04Q 7/32
[25] EN
[54] PORTABLE INPUT DEVICE
[54] APPAREIL D'ENTREE PORTATIF
[72] OKUDA, TATSUMI, JP
[73] SANYO ELECTRIC CO., LTD., JP
[22] 2000-09-15
[30] JP (HEI.11-278449) 1999-09-30

[11] 2,323,662
[13] C
[51] Int.Cl. 6B60T 1/04
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[72] LOEWENTHAL, HOWARD L., US
[73] INVACARE CORPORATION, US
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[87] (2000046086)
[30] US (09/245,789) 1999-02-05

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[51] Int.Cl. 7G06F 19/00 7G06T 15/00
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[54] SYSTEME DE GENERATION D'ENVIRONNEMENT DE JEUX POUR SYSTEME DE SIMULATION
[72] SHIMADA, HISASHI, JP
[72] NISHIWAKI, KENTARO, JP
[73] D WONDERFUL, INC., JP
[22] 2000-10-25
[30] JP (11-301914) 1999-10-25

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[13] C
[51] Int.Cl. 6H01Q 19/13 6H01Q 19/02 6H01Q 15/14
[25] EN
[54] CENTRALLY FED ANTENNA SYSTEM AND METHOD FOR OPTIMIZING SUCH AN ANTENNA SYSTEM
[54] SYSTEME D'ANTENNE A ALIMENTATION CENTRALE ET PROCEDE D'OPTIMISATION D'UN TEL SYSTEME D'ANTENNE
[72] DUCHESNE, LUC, DE
[72] WOLF, HELMUT, DE
[72] NATHRATH, NORBERT, DE
[73] ASTRUM GMBH, DE
[85] 2000-10-20
[86] 1999-04-20 (DE1999001188)
[87] (1999054955)
[30] DE (198 17 766.6) 1998-04-21

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[51] Int.Cl. 6C07C 209/00
[25] EN
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[54] PROCEDE DE PREPARATION DE 3-AMINO-1,2-DIHYDROXYPROPANE ACETAL PROTEGE ET DE SES DERIVES
[72] HOLLINGSWORTH, RAWLE I., US
[72] WANG, GUIJUN, US
[73] MICHIGAN STATE UNIVERSITY, US
[85] 2000-11-20
[86] 1999-05-28 (US1999012003)
[87] (1999062861)
[30] US (60/087,496) 1998-06-01

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[54] **SYSTEM, DEVICE, AND METHOD FOR COMMUNICATING WITH AND INITIALIZING A COMPUTER PERIPHERAL**
[54] **SYSTEME, DISPOSITIF ET PROCEDE PERMETTANT DE COMMUNIQUER AVEC UN PERIPHERIQUE D'ORDINATEUR ET DE L'INITIALISER**
[72] TANN, CHRISTOPHER, US
[72] MITRA, RAJAT K., US
[73] ATMEL CORPORATION, US
[73] MOTOROLA, INC., US
[85] 2000-11-29
[86] 1999-04-09 (US1999007843)
[87] (1999063428)
[30] US (09/087,302) 1998-05-29

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[13] C

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[72] CHRISTMAS, MICHAEL CHARLES, GB
[72] VARNAM, STEVEN M., GB
[72] RAGNITZ, DETLEF, DE
[73] RENOLD PLC, GB
[85] 2000-12-22
[86] 1999-07-02 (GB1999002113)
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[30] GB (9814434.8) 1998-07-04
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[11] **2,336,947**
[13] C

[51] **Int.Cl. 6H04B 1/00**
[25] EN
[54] **METHOD AND SYSTEM FOR ALLOCATING TRANSMIT POWER TO SUBSCRIBER UNITS IN A WIRELESS COMMUNICATIONS SYSTEM**
[54] **TECHNIQUE ET DISPOSITIF CORRESPONDANT D'ATTRIBUTION DE PUISSANCE DE TRANSMISSION A DES UNITES D'ABONNE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] AHMED, MANSOOR, US
[72] ROHANI, KAMYAR, US
[73] MOTOROLA, INC., US
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[86] 1999-06-22 (US1999014004)
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[30] US (09/113,391) 1998-07-10

[11] **2,339,671**
[13] C

[51] **Int.Cl. 7F16K 27/00**
[25] EN
[54] **FAUCET ASSEMBLY HAVING OVERLAPPING SPOUTS FOR RELEASING FILTERED AND UNFILTERED WATER THEREFROM**
[54] **ROBINET AVEC BEC A EAU FILTREE ET BEC A EAU NON FILTREE SUPERPOSES**
[72] CHANG, TA-CHUN, XX
[73] GLOBE UNION INDUSTRIAL CORP., XX
[22] 2001-03-06

[11] **2,340,685**
[13] C

[51] **Int.Cl. 7H04L 27/26 7H04L 1/04 7H04L 1/08**
[25] EN
[54] **METHOD AND DEVICE FOR TRANSMITTING INFORMATION SYMBOLS USING A PLURALITY OF CARRIERS AND METHOD AND DEVICE FOR RECEIVING INFORMATION SYMBOLS**
[54] **PROCEDE ET DISPOSITIF POUR ENVOYER DES SYMBOLES D'INFORMATION AU MOYEN D'UNE PLURALITE DE PORTEUSES, ET PROCEDE ET DISPOSITIF POUR RECEVOIR DES SYMBOLES D'INFORMATION**
[72] BUCHHOLZ, STEPHAN, DE
[72] EBERLEIN, ERNST, DE
[72] BADRI, SABAH, DE
[72] LIPP, STEFAN, DE
[72] GERHAEUSER, HEINZ, DE
[72] HEUBERGER, ALBERT, DE
[73] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[30] DE (198 37 426.7) 1998-08-18

[11] **2,341,120**
[13] C

[51] **Int.Cl. 7A61K 7/02**
[25] EN
[54] **METHOD FOR IMPROVING THE APPEARANCE OF SKIN AND TOPICAL COMPOSITIONS FOR PRACTICING SAME**
[54] **METHODE POUR AMELIORER L'APPARENCE DE LA PEAU ET COMPOSITIONS TOPIQUES A CET EFFET**
[72] ANDERSON, GLEN T., US
[73] AVON PRODUCTS, INC., US
[22] 2001-03-16
[30] US (60/190,988) 2000-03-21
[30] US (60/195,907) 2000-04-10
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[51] Int.Cl. 7F24F 13/20
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[54] GRILLE DE PLAFOND POUR CLIMATISEUR DE TOIT
[72] AHN, YOUNG-KILL, KR
[72] KIM, JONG-HO, KR
[72] LYU, JEONG-UN, KR
[73] CARRIER CORPORATION, US
[22] 2001-05-01
[30] US (09/580,072) 2000-05-30

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[51] Int.Cl. 7H01L 31/00
[25] EN
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[54] COMPOSES ISOSTRUCTURAUX CONDUCTEURS
[72] SPORTOUCH, SANDRINE, US
[72] CHUNG, DUCK, YOUNG, US
[72] KANATZIDIS, MERCOURI G., US
[72] DENARDI, STEPHANE, US
[73] BOARD OF TRUSTEES OPERATING MICHIGAN STATE UNIVERSITY, US
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[72] BRAUN, PAUL-WILHELM, DE
[73] PWB-RUHLATEC INDUSTRIEPRODUKTE GMBH, DE
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[51] Int.Cl. 6H01L 31/00
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[54] CAPTEUR A Puits QUANTIQUE A FENTES
[72] GUNAPALA, SARATH D., US
[72] LIU, JOHN K., US
[72] BANDARA, SUMITH V., US
[72] WILSON, DANIEL W., US
[73] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
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[86] 1999-11-19 (US1999027471)
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[30] US (60/109,329) 1998-11-20

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[51] Int.Cl. 7H04N 3/15
[25] EN
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[54] SYSTEME A PHOTOCAPTEURS ET PROCEDE DE COMMANDE D'EXCITATION DUDIT SYSTEME
[72] KOSHIZUKA, YASUO, JP
[72] SASAKI, MAKOTO, JP
[72] NAKAMURA, YOSHIKI, JP
[73] CASIO COMPUTER CO., LTD., JP
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[86] 2000-08-24 (JP2000005703)
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[30] JP (11/271882) 1999-09-27
[30] JP (11/370533) 1999-12-27

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[13] C

[51] Int.Cl. 7B01J 13/12
[25] EN
[54] PREPARATION OF MULTIWALL POLYMERIC MICROCAPSULES FROM HYDROPHILIC POLYMERS
[54] PREPARATION DE MICROCAPSULES POLYMERES A PAROIS MULTIPLES A PARTIR DE POLYMERES HYDROPHILES
[72] CHICKERING, DONALD E., III, US
[72] JACOB, JULES S., US
[72] PEKAREK, KATHLEEN, US
[72] MATHIOWITZ, EDITH, US
[73] BROWN UNIVERSITY RESEARCH FOUNDATION, US
[85] 2001-05-29
[86] 1998-12-01 (US1998025435)
[87] (2000032307)

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[13] C

[51] Int.Cl. 7G03G 15/00 7G03G 15/05
[25] EN
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[54] CEINTURES IMAGABLES A BORDS AGRAFES AYANT UN REVETEMENT AU POLYMERE FLUORE
[72] YUAN, ELIZABETH, US
[72] JIA, NANCY Y., US
[72] LAW, KOCK-YEE, US
[73] XEROX CORPORATION, US
[22] 2001-07-11
[30] US (09/660,248) 2000-09-13

[11] 2,353,070
[13] C

[51] Int.Cl. 7G03G 15/08
[25] EN
[54] IMPROVED COATING COMPOSITIONS FOR DEVELOPMENT ELECTRODES
[54] COMPOSITIONS DE REVETEMENT AMELIOREES POUR ELECTRODES DE DEVELOPPEMENT
[72] WAYMAN, WILLIAM H., US
[72] BINGHAM, GEORGE J., US
[72] BADESHA, SANTOKH S., US
[72] JUGLE, KIP L., US
[72] SHAPIRO, YELENA, US
[72] GERVASI, DAVID J., US
[73] XEROX CORPORATION, US
[22] 2001-07-10
[30] US (09/654,778) 2000-09-05

[11] 2,353,946
[13] C

[51] Int.Cl. 7G01N 17/02
[25] EN
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[54] TECHNIQUE DE BRUIT ELECTROCHIMIQUE POUR LA CORROSION
[72] JOVANCICEVIC, VLADIMIR, US
[73] BAKER HUGHES INCORPORATED, US
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[86] 1999-12-09 (US1999029203)
[87] (2000034760)
[30] US (60/111,735) 1998-12-10

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[25] EN
[54] **VEHICLE IMPLEMENT ADAPTER**
[54] **ADAPTATEUR D'ACCESSOIRE DE VEHICULE**
[72] ROBITAILLE, ADRIEN, CA
[73] ROBITAILLE, ADRIEN, CA
[22] 2001-07-25
[30] GB (0018076.0) 2000-07-25

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[51] **Int.Cl. 7H01Q 21/06 7H01Q 23/00 7H01Q 3/26**
[25] EN
[54] **PHASED ARRAY ANTENNA AND METHOD OF MANUFACTURING THE SAME**
[54] **ANTENNE A BALAYAGE ELECTRONIQUE ET METHODE DE PRODUCTION**
[72] SUZUKI, KENICHIRO, JP
[72] ARA, YOUICHI, JP
[72] KUSAMITSU, HIDEKI, JP
[72] IWATA, RYUICHI, JP
[72] MARUMOTO, TSUNEHISA, JP
[73] NEC CORPORATION, JP
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[30] JP (10/368033) 1998-12-24

[11] * **2,364,231**
[13] C

[51] **Int.Cl. 7F24F 7/02**
[25] EN
[54] **STATIC VENTILATOR INCLUDING A CORRUGATED PORTION**
[54] **VENTILATEUR STATIQUE COMPRENANT UN PARTIE ANNELEE**
[72] POITRAS, MICHEL, CA
[73] POITRAS, MICHEL, CA
[22] 2001-12-07

[11] **2,366,081**
[13] C

[51] **Int.Cl. 7B62D 25/18**
[25] EN
[54] **VEHICLE MUD FLAP**
[54] **PARE-BOUE POUR VEHICULE**
[72] Cicansky, JOSEPH, CA
[73] CLOUD-RIDER DESIGNS, CA
[22] 2001-12-21

[11] **2,366,399**
[13] C

[51] **Int.Cl. 7D03D 15/00 7B32B 27/12 7B32B 27/14 7A47L 13/16 7A61L 2/16**
[25] EN
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[54] **ETTOFFE ANTIMICROBIENNE A BASE D'ULTRA-MICROFIBRES**
[72] CLARKE, GEORGE G., US
[73] SWEPORTS LIMITED, US
[85] 2001-09-21
[86] 2000-03-29 (US2000008380)
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[30] US (09/281,119) 1999-03-29

[11] **2,375,140**
[13] C

[51] **Int.Cl. 7G06F 3/14 7G06F 15/00**
[25] EN
[54] **SYSTEM AND METHOD FOR REPRESENTING AND CONTROLLING A PRODUCTION PRINTING WORKFLOW**
[54] **SYSTEME ET PROCEDE DE REPRESENTATION ET DE COMMANDE DE GESTION DE PROCESSUS D'IMPRESSION DE PRODUCTION**
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[72] HOLZWARTH, ROBERT K., US
[73] HEIDELBERGER DRUCKMASCHINEN AG, DE
[85] 2001-11-26
[86] 2001-05-16 (US2001015745)
[87] (2001088690)
[30] US (09/573,026) 2000-05-17

[11] **2,375,818**
[13] C

[51] **Int.Cl. 7H04L 12/437**
[25] EN
[54] **TRANSMITTER-BASED PATH PROTECTION SWITCHING IN A RING NETWORK**
[54] **INVERSION DES PROTECTIONS DE CHEMINS EN FONCTION DE L'EMETTEUR DANS UN RESEAU EN BOUCLE**
[72] DUPONT, JEAN-LOU, CA
[73] MARCONI INTELLECTUAL PROPERTY (RINGFENCE) INC., US
[85] 2001-11-30
[86] 2000-05-23 (US2000014192)
[87] (2000074318)
[30] US (09/324,244) 1999-06-02

[11] **2,380,707**
[13] C

[51] **Int.Cl. 7G01R 31/303 7G06F 17/40**
[25] EN
[54] **SEMICONDUCTOR DEVICE EVALUATION APPARATUS AND SEMICONDUCTOR DEVICE EVALUATION PROGRAM PRODUCT**
[54] **APPAREILLAGE D'EVALUATION DE DISPOSITIFS A SEMICONDUCTEURS ET PROGRAMME D'EVALUATION DE DISPOSITIFS A SEMICONDUCTEUR**
[72] MASUDA, NORIO, JP
[72] TAMAKI, NAOYA, JP
[73] NEC CORPORATION, JP
[22] 1999-06-18
[62] 2,275,781
[30] JP (10-242916) 1998-08-28

[11] **2,385,699**
[13] C

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[54] **INDICIA DISPLAYING STATIONERY PRODUCTS**
[54] **ETIQUETTE DE PRESENTATION D'ARTICLES DE PAPETERIE**
[72] OLIVER, DAVID H., US
[72] MATTHEWS, MARK C., US
[72] VISH, RON, US
[72] PIA, GARY, US
[73] ACME UNITED CORPORATION, US
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[25] EN
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[54] **TETE MAGNETIQUE A GLISSEMENT POUR L'ENREGISTREMENT MAGNETO-OPTIQUE**
[72] TANAKA, HIDEO, JP
[72] TAKESHI, MICHIAKI, JP
[72] TAKAHASHI, TOMOYUKI, JP
[72] ASADA, KAZUTOSHI, JP
[72] KIMURA, KAZUHIRO, JP
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[62] 2,093,579
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[30] JP (P04-157041) 1992-06-16
[30] JP (P04-290415) 1992-10-28
[30] JP (P05-028239) 1993-02-17

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[13] C

[51] Int.Cl. 7F04D 31/00 7B04C 9/00
[25] EN
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[54] **APPAREIL DE TRAITEMENT D'UN FLUIDE MULTIPHASE**
[72] MOHN, FRANK, GB
[73] FRAMO ENGINEERING AS, NO
[22] 1992-12-29
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[13] C

[51] Int.Cl. 7F16D 13/70
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[54] **DISPOSITIF A COUPLE DE FROTTEMENT AUTOREGLABLE**
[72] KUMMER, MARTIN E., US
[72] ADAMS, BARRY T., US
[72] DAVIS, CHRISTOPHER M., US
[72] LEPARD, STEVEN D., US
[72] SCHLOSSER, KEVIN F., US
[72] BASSETT, MICHAEL L., US
[72] GOCHENOUR, DANIEL V., US
[73] EATON CORPORATION, US
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[13] C

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[25] EN
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[54] **SOUPAPE D'INJECTION DE CARBURANT GAZEUX DIRECTEMENT ACTIONNEE PAR UNE BUSE MOBILE**
[72] HEBBES, MICHAEL, CA
[72] MARK, RANDALL, CA
[73] WESTPORT RESEARCH INC., CA
[22] 2002-10-09

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[13] C

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[25] EN
[54] **AIR COMPRESSOR ASSEMBLY WITH BEARING POCKET**
[54] **COMPRESSEUR D'AIR AVEC PALIER DE LOGEMENT**
[72] MONTGOMERY, KEVIN, US
[73] CAMPBELL HAUSFELD/SCOTT FETZER COMPANY, US
[22] 2001-06-11
[62] 2,350,116
[30] US (09/619,447) 2000-07-19
[30] US (09/735,020) 2000-12-12

[11] 2,426,820
[13] C

[51] Int.Cl. 7F04B 39/00
[25] EN
[54] **AIR COMPRESSOR ASSEMBLY WITH DUAL COOLING FANS**
[54] **COMPRESSEUR D'AIR AVEC VENTILATEURS DE REFROIDISSEMENT DOUBLE**
[72] MONTGOMERY, KEVIN, US
[73] CAMPBELL HAUSFELD/SCOTT FETZER COMPANY, US
[22] 2001-06-11
[62] 2,350,116
[30] US (09/619,447) 2000-07-19
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[13] C

[51] Int.Cl. 7F04B 39/00 7F04B 39/06
[25] EN
[54] **AIR COMPRESSOR ASSEMBLY WITH SHROUD**
[54] **COMPRESSEUR D'AIR AVEC CARENAGE**
[72] ORSCHELL, MICHAEL, US
[72] REGER, TODD A., US
[72] GRUBER, CHRISTOPHER, US
[73] CAMPBELL HAUSFELD/SCOTT FETZER COMPANY, US
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[51] Int.Cl. 7A61B 8/00 7G11B 31/00
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[25] EN
[54] TRANSITIONAL OBJECTS FOR
SEPARATION ANXIETY
[54] OBJETS TRANSITIONNELS POUR
ANGOISSE DE SEPARATION
[72] MESSENGER, ANDREW MARA L.,
CA
[71] MESSENGER, ANDREW MARA L.,
CA
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[41] 2004-02-02

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[13] A1
[51] Int.Cl. 7B02C 19/18 7C08J 11/04
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[25] FR
[54] MACHINE-ENVIRONNET-
RECYCLEUSE
[54] ENVIRONNET-RECYCLER-
MACHINE
[72] MARTEL, CLAUDE, CA
[71] MARTEL, CLAUDE, CA
[22] 2002-08-01
[41] 2004-02-01

[21] **2,394,718**
[13] A1
[51] Int.Cl. 7A01K 1/015
[25] FR
[54] BAC A LITIERE AVEC MOTEUR
INTEGRE QUI HALE ET FILTRE L'AIR
VICIE AVEC PORTE PIVOTANTE
[54] LITTER BOX WITH MOTOR THAT
DRAWS IN AND FILTERS FOULED AIR
WITH PIVOTING DOOR
[72] TURCOTTE, SEBASTIEN, CA
[72] TURCOTTE, GINO, CA
[71] TURCOTTE, SEBASTIEN, CA
[71] TURCOTTE, GINO, CA
[22] 2002-08-05
[41] 2004-02-05

[21] **2,393,396**
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[51] Int.Cl. 7E04D 1/12 7B27M 3/02
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[54] BARDEAU
[54] SHINGLES
[72] DIONNE, FRANCOIS, CA
[71] DIONNE, FRANCOIS, CA
[22] 2002-08-01
[41] 2004-02-01

[21] **2,393,430**
[13] A1
[51] Int.Cl. 7G09F 9/30 7G09G 5/12
[25] EN
[54] DISPLAY WITH MULTIPLE PRE-
PROGRAMMED MESSAGES
[54] AFFICHAGE DE MULTIPLES
MESSAGES PREPROGRAMMES
[72] MOHAMED, ABDULAH H., CA
[71] MOHAMED, ABDULAH H., CA
[22] 2002-08-01
[41] 2004-02-01

[21] **2,394,810**
[13] A1
[51] Int.Cl. 7A47G 9/10
[25] EN
[54] SUPERTECH PILLOW
[54] OREILLER « SUPERTECH
PILLOW »
[72] CHITALE, ARVIND, CA
[71] CHITALE, ARVIND, CA
[22] 2002-08-05
[41] 2004-02-05

[21] **2,393,413**
[13] A1
[51] Int.Cl. 7A63B 21/02
[25] EN
[54] EXERCISE TRAINING BELT
[54] CEINTURE D'EXERCICES
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[72] SHEPHERD, DONOVAN C., CA
[71] SHEPHERD, DONOVAN C., CA
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[41] 2004-02-01

[21] **2,393,654**
[13] A1
[51] Int.Cl. 7A01K 7/02
[25] EN
[54] SELF-REGULATING PET WATER
SUPPLY SYSTEM
[54] SYSTEME D'ALIMENTATION EN
EAU AUTO-REGULATEUR POUR
ANIMAUX DE COMPAGNIE
[72] GRIFFITHS, RICHARD H., CA
[71] GRIFFITHS, RICHARD H., CA
[22] 2002-08-01
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[21] **2,394,906**
[13] A1
[51] Int.Cl. 7E01H 5/02
[25] FR
[54] PELLE A GEOMETRIE VARIABLE
[54] VARIABLE-GEOMETRY SHOVEL
[72] VAILLANCOURT, GUY, CA
[72] GODBOUT, MARTIN, CA
[71] VAILLANCOURT, GUY, CA
[71] GODBOUT, MARTIN, CA
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[13] A1
[51] **Int.Cl. 7E01C 19/22**
[25] EN
[54] **MULTI-SCREED**
[54] **MULTI-LISSOIR**
[72] WELLMAN, WADE, CA
[71] WELLMAN, WADE, CA
[22] 2002-08-05
[41] 2004-02-05

[21] **2,394,931**
[13] A1
[51] **Int.Cl. 7A47J 43/04**
[25] EN
[54] **POCKET SIZED DC POWERED DRY HERBS GRINDER**
[54] **BROYEUR D'HERBES SECHES A PILE DE PETIT FORMAT**
[72] COTMAN, PHILLIP LLOYD, CA
[71] COTMAN, PHILLIP LLOYD, CA
[22] 2002-08-02
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[13] A1
[51] **Int.Cl. 7A63B 69/00**
[25] EN
[54] **IN-HOME HOCKEY TRAINING DEVICE**
[54] **DISPOSITIF POUR L'ENTRAINEMENT AU HOCKEY UTILISABLE DANS LA MAISON**
[72] FORTIER, SEBASTIEN A., US
[71] FORTIER, SEBASTIEN A., US
[22] 2002-08-02
[41] 2004-02-02

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[13] A1
[51] **Int.Cl. 7B41J 2/175**
[25] EN
[54] **EXPANDED INK SUPPLY SYSTEM FOR INKJET PRINTERS**
[54] **SYSTEME ETENDU D'ALIMENTATION EN ENCRE POUR IMPRIMANTES A JET D'ENCRE**
[72] AKERMALM, PER G., CA
[71] AKERMALM, PER G., CA
[22] 2002-08-07
[41] 2004-02-07

[21] **2,395,929**
[13] A1
[51] **Int.Cl. 7B65G 67/24 7B62D 63/06 7B60P 1/36**
[25] EN
[54] **REMOTE CONTROL BIN DEVICE**
[54] **DISPOSITIF A BENNE TELECOMMANDE**
[72] PIERCE, KEVIN J., US
[71] PIERCE, KEVIN J., US
[22] 2002-08-06
[41] 2004-02-06

[21] **2,395,931**
[13] A1
[51] **Int.Cl. 7A61K 31/196 7A61P 25/08 7A61K 9/20**
[25] EN
[54] **SOLID COMPOSITIONS COMPRISING GABAPENTIN HAVING IMPROVED STABILITY**
[54] **COMPOSITIONS SOLIDES COMPORTANT DU GABAPENTIN ET AYANT UNE MEILLEURE STABILITE**
[72] SHERMAN, BERNARD CHARLES, CA
[71] SHERMAN, BERNARD CHARLES, CA
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[13] A1
[51] **Int.Cl. 7H01M 4/12**
[25] EN
[54] **GRANULAR ANODE FOR METAL-AIR FUEL CELL BATTERY**
[54] **ANODE GRANULAIRE POUR BATTERIE METAL-AIR DE PILES A COMBUSTIBLE**
[72] LIN, YUNG-JEN, CN
[71] LIN, YUNG-JEN, CN
[22] 2002-08-01
[41] 2004-02-01

[21] **2,396,597**
[13] A1
[51] **Int.Cl. 7F16B 12/40**
[25] EN
[54] **QUICK ASSEMBLY HARDWARE**
[54] **QUINCAILLERIE A ASSEMBLAGE RAPIDE**
[72] GROSE, ALLEN, CA
[71] A. G. ENTERPRISES, CA
[22] 2002-08-01
[41] 2004-02-01

[21] **2,396,633**
[13] A1
[51] **Int.Cl. 7B65D 88/12 7B65D 25/22**
[25] EN
[54] **TILTABLE CONTAINER**
[54] **CONTENEUR BASCULANT**
[72] BOUTHILLIER, MARIO, CA
[71] BOUTHILLIER, MARIO, CA
[22] 2002-08-02
[41] 2004-02-02

[21] **2,396,644**
[13] A1
[51] **Int.Cl. 7A23K 1/16 7A23K 1/18**
[25] EN
[54] **DEFINED COLOSTRUM NUTRITIONAL SUPPLEMENT**
[54] **SUPPLEMENT NUTRITIF DEFINI A BASE DE COLOSTRUM**
[72] HAINES, DEBBIE, CA
[72] CAMPOS, MANUEL, CA
[71] THE SASKATOON COLOSTRUM COMPANY LTD., CA
[22] 2002-08-02
[41] 2004-02-02

[21] **2,396,653**
[13] A1
[51] **Int.Cl. 7A46B 15/00**
[25] EN
[54] **BRUSH PROVIDED WITH RETRACTABLE BRISTLES TO FACILITATE REMOVAL OF TANGLED HAIR STRANDS THEREFROM**
[54] **BROSSE A SOIES RETRACTABLES POUR FACILITER LE DEGAGEMENT DES MECHE DE CHEVEUX ENTREMELEES**
[72] WANG, HUO-PIA, XX
[71] WANG, HUO-PIA, XX
[22] 2002-08-02
[41] 2004-02-02

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[21] **2,396,666**
[13] A1

[51] **Int.Cl. 7B60N 2/48**
[25] EN
[54] **PRESS-FORMED KEYWAY FOR HEADREST MOUNTING TUBE**
[54] **RAINURE DE CLAVETTE FORMEE PAR COMPRESSION DE TUBE DE MONTAGE D'APPUIE-TETE**
[72] NAPOLITANO, ALFRED D., JR., CA
[72] GLEISER, MATTHEW RICHARD, CA
[72] THOMAS, JEFFREY JOHN, CA
[72] KEY, ARTHUR A., CA
[71] BEND ALL AUTOMOTIVE INCORPORATED, CA
[22] 2002-08-02
[41] 2004-02-02

[21] **2,396,673**
[13] A1

[51] **Int.Cl. 7C08J 9/22**
[25] EN
[54] **WEAR-RESISTANT THREE-DIMENSIONAL FOAMABLE STRUCTURE AND THE METHOD FOR MANUFACTURING IT**
[54] **STRUCTURE POUVANT ETRE MISE SOUS FORME DE MOUSSE, TRIDIMENSIONNELLE, RESISTANT A L'USURE, ET METHODE POUR LA PRODUIRE**
[72] WANG, SWEI MU, XX
[71] WANG, SWEI MU, XX
[22] 2002-08-02
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[21] **2,396,682**
[13] A1

[51] **Int.Cl. 7E21B 43/34**
[25] EN
[54] **METHOD AND APPARATUS FOR SEPARATING AND MEASURING SOLIDS FROM MULTI-PHASE WELL FLUIDS**
[54] **METHODE ET APPAREIL POUR SEPARER DES SOLIDES DE FLUIDES MULTIPHASES DE Puits ET LES ANALYSER**
[72] SPEED, DAVID, CA
[72] STEFUREAK, PETER, CA
[72] SCHMIGEL, KEVIN, CA
[71] NORTHLAND ENERGY CORPORATION, CA
[22] 2002-08-02
[41] 2004-02-02

[21] **2,396,701**
[13] A1

[51] **Int.Cl. 7H01F 27/28 7H01F 27/30**
[25] EN
[54] **TRANSFORMER STUD MOUNTING BLOCK AND MULTI-CONDUCTOR CONNECTOR ASSEMBLIES**
[54] **ENSEMBLES DE CONNECTEUR MULTICONDUCTEUR ET DE BLOC DE MONTAGE A TIGE DE TRANSFORMATEUR**
[72] GREEN, RICHARD JONATHAN, CA
[71] FCI AMERICAS TECHNOLOGY, INC., US
[22] 2002-08-05
[41] 2004-02-05

[21] **2,396,756**
[13] A1

[51] **Int.Cl. 7E04G 23/00 7E04F 15/00 7E04F 21/20**
[25] EN
[54] **PORTABLE FLOORING REMOVAL APPARATUS**
[54] **APPAREIL PORTATIF POUR L'ENLEVEMENT DES REVETEMENTS DE PLANCHER**
[72] HOULE, MARCEL, CA
[71] HOULE, MARCEL, CA
[22] 2002-08-02
[41] 2004-02-02

[21] **2,396,831**
[13] A1

[51] **Int.Cl. 7G02B 6/18 7G02F 1/19**
[25] EN
[54] **MICROSTRUCTURING OPTICAL WAVE GUIDE DEVICES WITH FEMTOSECOND OPTICAL PULSES**
[54] **DISPOSITIFS DE MICROSTRUCTURATION A GUIDE D'ONDES OPTIQUES AVEC PULSES OPTIQUES DE L'ORDRE DE LA FEMTOSECONDE**
[72] ARSTRONG, MICHAEL, CA
[72] SEZERMAN, OMUR M., CA
[72] LIN, SHUJIE, CA
[72] HILL, KENNETH O., CA
[72] MILLER, R. J. DWAYNE, CA
[71] FEMTONICS CORPORATION, CA
[22] 2002-08-02
[41] 2004-02-02

[21] **2,396,833**
[13] A1

[51] **Int.Cl. 7G01W 1/02 7E06B 7/28**
[25] EN
[54] **APPARATUS FOR MEASURING OUTDOOR TEMPERATURE AND HUMIDITY**
[54] **APPAREIL POUR MESURER LA TEMPERATURE ET L'HUMIDITE EXTERIEURES**
[72] LIAO, YI-CHIA, XX
[71] LIAO, YI-CHIA, XX
[22] 2002-08-06
[41] 2004-02-06

[21] **2,396,840**
[13] A1

[51] **Int.Cl. 7C11C 3/00 7C11C 1/02 7C11C 1/08 7A61K 31/20 7A23L 1/30**
[25] EN
[54] **NEW CONJUGATED LINOLENIC ACIDS AND METHODS FOR COMMERCIAL PREPARATION, PURIFICATION AND USES**
[54] **NOUVEAUX ACIDES LINOLENIQUES CONJUGUES ET METHODES POUR LEUR PREPARATION, LEUR PURIFICATION ET LEUR UTILISATION COMMERCIALES**
[72] ANGERS, PAUL, CA
[72] GALVEZ, JUAN MIGUEL GARRO, CA
[72] DESTAILLATS, FREDERIC, CA
[71] UNIVERSITE LAVAL, CA
[22] 2002-08-06
[41] 2004-02-06

[21] **2,396,856**
[13] A1

[51] **Int.Cl. 7F04B 9/14**
[25] EN
[54] **MULTIPLE USE HAND OPERATED PISTON PUMP**
[54] **POMPE A PISTON MANUELLE POLYVALENTE**
[72] PETROVAS, ILIAS, GR
[71] PETROVAS, ILIAS, GR
[22] 2002-08-05
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[13] A1
[51] **Int.Cl. 7E01C 19/20 7B60P 1/40**
[25] EN
[54] **APPARATUS FOR PREPARING
AND DISPENSING ROAD REPAIR
MATERIAL**
[54] **APPAREIL POUR LA
PRÉPARATION ET L'ÉPANDAGE DU
MATÉRIAU DE RÉFECTION DES
CHAUSSEES**
[72] MCINTOSH, JAMES, GB
[71] READY MAC UK LIMITED, GB
[22] 2002-08-05
[41] 2004-02-05

[21] **2,396,918**
[13] A1
[51] **Int.Cl. 7E04F 21/02**
[25] EN
[54] **DRYWALL HAWK**
[54] **BOUCLIER POUR CLOISON
SECHE**
[72] PANFILI, FRANCOIS, CA
[72] GAGNE, NICHOLAS, CA
[71] A. RICHARD LTEE, CA
[22] 2002-08-07
[41] 2004-02-07

[21] **2,396,919**
[13] A1
[51] **Int.Cl. 7B27L 1/10**
[25] EN
[54] **LOG DEBARKING TIP**
[54] **PLAQUETTE POUR ECORCEUR**
[72] LINDSAY, DAVID J., US
[72] FOERSTER, BRUCE, US
[71] LINDSAY FOREST PRODUCTS, INC.,
US
[22] 2002-08-07
[41] 2004-02-07

[21] **2,396,993**
[13] A1
[51] **Int.Cl. 7B65G 27/18**
[25] EN
[54] **VIBRATORY CONVEYOR TABLE**
[54] **TABLE DE COMMANDE
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[72] ANDERSON, RONALD L., US
[71] ANDERSON, RONALD L., US
[22] 2002-08-07
[41] 2004-02-07

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[13] A1
[51] **Int.Cl. 7G01C 21/04 7G09B 29/00
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[25] EN
[54] **METHOD AND APPARATUS FOR A
SELF-CONTAINED, INTERACTIVE,
HANDHELD, WEARABLE,
IMPLANTABLE OR EMBEDDABLE
REALTIME WIRELESS MAPPER**
[54] **METHODE ET APPAREIL POUR
SYSTEME DE CARTOGRAPHIE
AUTONOME ET INTERACTIF
FONCTIONNANT SANS FIL ET EN
TEMPS REEL ET DESTINE A DES
APPLICATIONS A MAIN, PORTABLES,
IMPLANTABLES OU INTEGRABLES**
[72] GRUSH, BERNARD, CA
[71] GRUSH, BERNARD, CA
[22] 2002-08-07
[41] 2004-02-07

[21] **2,397,024**
[13] A1
[51] **Int.Cl. 7B25F 5/00**
[25] EN
[54] **SWITCH MECHANISM FOR
REVERSIBLE GRINDER**
[54] **MECANISME D'INTERRUPTEUR
POUR MEULEUSE REVERSIBLE**
[72] TURLEY, EDWARD M., CA
[71] TURLEY, EDWARD M., CA
[22] 2002-08-07
[41] 2004-02-07

[21] **2,397,087**
[13] A1
[51] **Int.Cl. 7E21B 43/12**
[25] EN
[54] **GAS WELL PRODUCTION
OPTIMIZATION SYSTEM**
[54] **SYSTEME D'OPTIMISATION DE
LA PRODUCTION DES Puits DE GAZ**
[72] MARSHALL, CURTIS, CA
[71] MARSHALL, CURTIS, CA
[22] 2002-08-07
[41] 2004-02-07

[21] **2,397,102**
[13] A1
[51] **Int.Cl. 7G01N 37/00 7G01N 25/18**
[25] EN
[54] **DIRECT THERMAL
CONDUCTIVITY MEASUREMENT
TECHNIQUE**
[54] **TECHNIQUE DE MESURE
DIRECTE DE LA CONDUCTIVITE
THERMIQUE**
[72] MATHIS, NANCY, CA
[72] CHANDLER, CHRISTINA, US
[71] MATHIS INSTRUMENTS LTD., CA
[22] 2002-08-07
[41] 2004-02-07

[21] **2,397,179**
[13] A1
[51] **Int.Cl. 7F25D 9/00**
[25] FR
[54] **BAC DE RECUPERATION
REFRIGERE**
[54] **REFRIGERATED DISPOSAL
CONTAINER**
[72] DURAND, DENIS, CA
[71] DURAND, DENIS, CA
[22] 2002-08-01
[41] 2004-02-01

[21] **2,397,185**
[13] A1
[51] **Int.Cl. 7G08C 17/02**
[25] FR
[54] **MONITEUR D'ACTIVITE POUR
BEBE**
[54] **BABY ACTIVITY MONITOR**
[72] CLOUTIER, CHRISTIAN, CA
[71] CLOUTIER, CHRISTIAN, CA
[22] 2002-08-05
[41] 2004-02-05

[21] **2,397,188**
[13] A1
[51] **Int.Cl. 7B29C 70/62 7B29C 51/00**
[25] FR
[54] **PROCEDE DE MOULAGE D'UNE
PIECE EN MATERIAU COMPOSITE ET
DISPOSITIF PERMETTANT LA MISE
EN OEUVRE DUDIT PROCEDE**
[54] **PROCEDURE FOR MOULDING A
PART MADE OF A COMPOSITE
MATERIAL AND A DEVICE FOR
IMPLEMENTING THE SAID
PROCEDURE**
[72] DUQUEINE, VINCENT, FR
[71] DUQUEINE, VINCENT, FR
[22] 2002-08-07
[41] 2004-02-07

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[21] **2,397,429**
[13] A1

[51] **Int.Cl. 7A01D 34/82 7A01D 34/40 7A01D 34/62**
[25] EN
[54] **LAWNMOWER HANDLE ASSEMBLY**
[54] **POIGNEE DE TONDEUSE A GAZON**
[72] NICOLAY, KENNETH M., US
[72] GUERRA, LAWRENCE E., US
[71] NICOLAY FAMILY ENTERPRISES, L.L.C., US
[22] 2002-08-12
[41] 2004-02-02
[30] US (10/210,973) 2002-08-02

[21] **2,398,676**
[13] A1

[51] **Int.Cl. 7B05D 5/08 7C09K 3/18 7D21F 1/40**
[25] EN
[54] **METHOD OF TREATING PAPER MAKING ROLLS**
[54] **METHODE DE TRAITEMENT DE ROULEAUX DE FABRICATION DU PAPIER**
[72] LASER, HAROLD, CA
[71] JOHNSON DIVERSEY, INC., US
[22] 2002-08-16
[41] 2004-02-05
[30] US (10/212,595) 2002-08-05

[21] **2,401,567**
[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61K 48/00 7A61P 25/00 7A61P 29/00 7A61P 35/00 7A61K 31/70**
[25] EN
[54] **METHODS OF PREVENTING THE INHIBITION OF APOPTOSIS AND TREATING INFLAMMATORY CONDITIONS**
[54] **METHODES DE PREVENTION DE L'INHIBITION DE L'APOPTOSE ET DE TRAITEMENT DE L'INFLAMMATION**
[72] JIA, SONG HUI, CA
[72] MARSHALL, JOHN C., CA
[71] UNIVERSITY HEALTH NETWORK, CA
[22] 2002-10-02
[41] 2004-02-05
[30] US (60/400,781) 2002-08-05

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[13] A1

[51] **Int.Cl. 7B61F 5/12 7F16D 69/00**
[25] EN
[54] **FRICTION WEDGE LINER WITH BACKING PLATE**
[54] **BANDE DE GARNISSAGE DE CALE A FROTTEMENT A CONTRE-PLAQUE**
[72] SHUTE, BRUCE W., US
[72] MCCABE, THOMAS W., US
[72] FORMOLO, JOSEPH F., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2002-10-11
[41] 2004-02-07
[30] US (10/214,749) 2002-08-07

[21] **2,408,896**
[13] A1

[51] **Int.Cl. 7H01B 12/02 7H01B 9/00 7H01B 12/14**
[25] EN
[54] **SUPERCONDUCTING POWER CABLE WITH ENHANCED SUPERCONDUCTING CORE**
[54] **CABLE SUPRA CONDUCTEUR D'ALIMENTATION A AME SUPRACONDUCTRICE AMELIOREE**
[72] PEREZ, SANCHEZ ALFONSO, MX
[72] NIETO, SANCHEZ JOSE LUIS, MX
[72] MAYA, MENDEZ MAURO E., MX
[71] SERVICIOS CONDUMEX S.A. DE C.V., MX
[22] 2002-10-18
[41] 2004-02-01
[30] MX (PA/A/2002/00735) 2002-08-01

[21] **2,410,834**
[13] A1

[51] **Int.Cl. 7E06B 9/322**
[25] EN
[54] **VERTICAL RETRACTABLE BLIND**
[54] **STORES VERTICAUX RETRACTABLES**
[72] NIEN, MING, XX
[71] NIEN MADE ENTERPRISE CO., LTD., XX
[22] 2002-11-01
[41] 2004-02-05
[30] TW (91212386) 2002-08-05

[21] **2,412,086**
[13] A1

[51] **Int.Cl. 7A47B 55/00 7A47B 57/00 7A47F 5/00 7B65G 1/02**
[25] EN
[54] **CARGO SHIELD**
[54] **PANNEAU DE PROTECTION POUR MARCHANDISES**
[72] SCULLY, GEOFFREY B., US
[71] CARGOTAINER ADRIAN FABRICATORS, INC., US
[22] 2002-11-15
[41] 2004-02-02
[30] US (10/211,899) 2002-08-02

[21] **2,413,962**
[13] A1

[51] **Int.Cl. 7B65G 47/90 7G01K 13/04 7B65G 47/34**
[25] EN
[54] **AUTOMATICALLY MEASURING THE TEMPERATURE OF FOOD**
[54] **MESURE AUTOMATIQUE DE LA TEMPERATURE D'ALIMENTS**
[72] GUNAWARDENA, RAMESH, US
[72] WIJTS, CORNEEL CONSTANT, US
[72] ARNOLD, JOHN E., US
[72] RUDY, NORMAN A., US
[71] FMC TECHNOLOGIES, INC., US
[22] 2002-12-10
[41] 2004-02-05
[30] US (10/213,356) 2002-08-05

[21] **2,417,060**
[13] A1

[51] **Int.Cl. 7G07C 1/30 7G07F 7/00 7G08C 17/02 7G07F 17/24**
[25] EN
[54] **METHOD AND APPARATUS FOR A GPS-BASED PARKING METER SYSTEM**
[54] **METHODE ET APPAREIL POUR SYSTEME DE PARCOMETRES A GPS**
[72] GRUSH, BERNARD, CA
[71] GRUSH, BERNARD, CA
[22] 2003-01-21
[41] 2004-02-07
[30] CA (2,396,997) 2002-08-07

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[21] **2,417,950**
[13] A1
[51] **Int.Cl. 7B61D 3/18 7B61F 13/00**
[25] EN
[54] **RAIL ROAD CAR AND TRUCK THEREFOR**
VOITURE DE CHEMIN DE FER ET BOGIE CONNEXE
[72] FORBES, JAMES W., CA
[71] NATIONAL STEEL CAR LIMITED, CA
[22] 2003-01-31
[41] 2004-02-01
[30] CA (2,396,483) 2002-08-01
[30] CA (2,396,525) 2002-08-01

[21] **2,422,348**
[13] A1
[51] **Int.Cl. 7F04C 15/00 7E21B 17/00 7F01C 1/107 7F04C 2/107**
[25] EN
[54] **HIGH TORQUE ROTATABLE PROGRESSIVE CAVITY DRIVE RODS AND CONNECTORS**
D'ENTRAINEMENT ROTATIFS A CAVITE PROGRESSIVE A COUPLE ELEVE
[72] VOGT, GREGORY A., US
[72] WHITE, JACK D., US
[71] NORRIS SUCKER RODS, US
[22] 2003-03-17
[41] 2004-02-01
[30] US (10/210,221) 2002-08-01

[21] **2,426,237**
[13] A1
[51] **Int.Cl. 7A47L 11/29 7A47L 11/30**
[25] EN
[54] **POWER WAVE FLOOR SQUEEGEE AND HANDLE CONNECTOR**
RACLETTE DE PLANCHER A FLOTTEMENT ASSISTE ET CONNECTEUR DE MANCHE
[72] SANDER, DON L., US
[71] HARPER BRUSH WORKS, INC., US
[22] 2003-04-22
[41] 2004-02-06
[30] US (10/213,670) 2002-08-06

[21] **2,426,599**
[13] A1
[51] **Int.Cl. 7H04R 25/00 7H05K 5/00**
[25] EN
[54] **BEHIND-THE-EAR HOUSING FUNCTIONING AS A SWITCH**
BOITIER DERRIERE L'OREILLE FONCTIONNANT EN INTERRUPTEUR
[72] OERTLI, DANIEL, CH
[72] WAGNER, JOSEF, CH
[71] PHONAK AG, CH
[22] 2003-04-28
[41] 2004-02-05
[30] US (10/212994) 2002-08-05

[21] **2,428,400**
[13] A1
[51] **Int.Cl. 7B41C 1/10**
[25] EN
[54] **APPARATUS FOR PRODUCING A PRINTING FORM**
D'UNE FORME D'IMPRESSION
[72] MEIER, CHRISTIAN, DE
[72] PAASCH, BURKHARD, DE
[72] MADER, SVEN, DE
[72] LASSEN, BERND, DE
[72] PAULSEN, LARS, DE
[72] UIHLEIN, MARKUS, DE
[72] DETMERS, ANDREAS, DE
[72] HARBACH, CLAUS, DE
[72] ZINTZEN, BERNHARD, DE
[71] HEIDELBERGER DRUCKMASCHINEN AG, DE
[22] 2003-05-08
[41] 2004-02-02
[30] DE (102 23 642.9) 2002-08-02

[21] **2,428,770**
[13] A1
[51] **Int.Cl. 7B60G 25/00 7B62D 63/04**
[25] EN
[54] **TORQUE ROD BRACKET**
SUPPORT DE FIXATION A COUPLE
[72] SVARTZ, BJORN O., US
[72] WHITE, DARRIS, US
[71] VOLVO TRUCKS NORTH AMERICA, INC., US
[22] 2003-05-15
[41] 2004-02-07
[30] US (10/214,041) 2002-08-07

[21] **2,430,169**
[13] A1
[51] **Int.Cl. 7B01D 35/02 7B01D 35/30**
[25] EN
[54] **NON-ELECTRIC SANITATION WATER VESSEL SYSTEM**
SYSTEME SANITAIRE NON ELECTRIQUE POUR INSTALLATIONS CONTENANT DE L'EAU
[72] MATTSON, ROY W., JR., US
[72] OGDEN, PAULETTE, US
[72] OGDEN, PHILLIP I., US
[71] MATTSON, ROY W., JR., US
[71] OGDEN, PAULETTE, US
[22] 2003-05-28
[41] 2004-02-02
[30] US (10/211,497) 2002-08-02

[21] **2,430,380**
[13] A1
[51] **Int.Cl. 7H04B 1/00 7H04R 25/00 7H04R 25/04**
[25] EN
[54] **HAND-HELD TRANSMITTER AND/OR RECEIVER UNIT**
EMETTEUR ET/OU RECEPTEUR A MAIN
[72] GERBER, LOUIS, CH
[71] PHONAK AG, CH
[22] 2003-05-29
[41] 2004-02-06
[30] EP (02 017 515.4) 2002-08-06

[21] **2,431,235**
[13] A1
[51] **Int.Cl. 7C09K 3/18**
[25] EN
[54] **DEICING SOLUTION**
SOLUTION DE DEGIVRAGE
[72] HARTLEY, ROBERT A., CA
[72] WOOD, DAVID H., US
[71] SEARS PETROLEUM & TRANSPORT CORP., US
[22] 2003-06-04
[41] 2004-02-05
[30] US (10/212,318) 2002-08-05

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[21] **2,431,469**
[13] A1

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[25] EN
[54] **PRESSURE EQUALIZATION APPARATUS AND METHODS**
[54] **APPAREIL ET METHODES D'EQUILIBRAGE DE PRESSION**
[72] CROSS, BRIAN DOUGLAS, US
[72] CURRY, JOHN MICHAEL, US
[72] VANDERHOOF, TROY INSLEE, US
[72] TREICHLER, GORDON L., US
[71] ANDREW CORPORATION, US
[22] 2003-06-06
[41] 2004-02-07
[30] US (10/213,640) 2002-08-07

[21] **2,431,535**
[13] A1

[51] **Int.Cl. 7B01J 27/049 7B01J 37/04 7B01J 37/06**
[25] EN
[54] **COLLOIDAL CATALYST**
[54] **CATALYSEUR COLLOIDAL**
[72] RENDINA, DAVID D., CA
[71] RENDINA, DAVID D., CA
[22] 2003-06-07
[41] 2004-02-07
[30] US (10/223,096) 2002-08-07

[21] **2,433,214**
[13] A1

[51] **Int.Cl. 7A23K 1/22 7A23K 1/16 7A23K 1/18**
[25] EN
[54] **A FEED SUPPLEMENT COMPOSITION FOR RUMINANTS AND A PROCESS TO OBTAIN THE SAME**
[54] **UNE COMPOSITION DE SUPPLEMENT NUTRITIF POUR RUMINANTS ET UN PROCEDE POUR SA PRODUCTION**
[72] DERKS, GARY, CA
[71] DERKS, GARY, CA
[22] 2003-06-23
[41] 2004-02-05
[30] US (10/211,312) 2002-08-05

[21] **2,433,682**
[13] A1

[51] **Int.Cl. 7B01J 23/745 7B01J 37/03 7B01J 37/06 7B01J 37/08**
[25] EN
[54] **LOW SULFUR RED IRON OXIDE USEFUL AS A CATALYST OR CATALYST COMPONENT AND A PROCESS FOR MAKING LOW SULFUR RED IRON OXIDE**
[54] **OXYDE ROUGE DE FER A FAIBLE TENEUR EN SOUFRE UTILE COMME CATALYSEUR OU ELEMENT DE CATALYSEUR ET UN PROCEDE POUR LE PRODUIRE**
[72] CHAN, FABIAN, HK
[72] PODOLSKY, GEORGE, US
[72] MCAULAY, HUGH JOSEPH, GB
[71] ELEMENTIS PIGMENTS, INC., US
[22] 2003-06-26
[41] 2004-02-05
[30] US (10/212,196) 2002-08-05

[21] **2,433,695**
[13] A1

[51] **Int.Cl. 7B25B 5/12 7B25B 11/00 7B25B 5/06**
[25] EN
[54] **COUPLING DEVICE FOR WORK PIECES**
[54] **DISPOSITIF DE RACCORDEMENT POUR PIECES A TRAVAILLER**
[72] MIGLIORI, LUCIANO, IT
[71] MIGLIORI, LUCIANO, IT
[22] 2003-06-27
[41] 2004-02-02
[30] IT (MI2002A 001756) 2002-08-02

[21] **2,434,356**
[13] A1

[51] **Int.Cl. 7C07H 21/00 7C12Q 1/68**
[25] EN
[54] **IMPROVED FLUORESCENT RESONANCE ENERGY TRANSFER PROBES**
[54] **SONDES A TRANSFERT D'ENERGIE DE RESONANCE DE FLUORESCENCE AMELIOREES**
[72] BECHLER, INGRID, DE
[72] HEINDL, DIETER, DE
[72] JOSEL, HANS-PETER, DE
[72] SAGNER, GREGOR, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2003-07-28
[41] 2004-02-06
[30] EP (02 017 629.3) 2002-08-06

[21] **2,434,450**
[13] A1

[51] **Int.Cl. 7A01K 1/015**
[25] EN
[54] **ANIMAL LITTER**
[54] **LITIERE POUR ANIMAUX**
[72] JOHNES, MARTY, US
[72] SCHULEIN, BENJAMIN M., JR., US
[71] ALFA-PET, INC., US
[22] 2003-07-09
[41] 2004-02-07
[30] US (60/401,600) 2002-08-07
[30] US (10/604,231) 2003-07-02

[21] **2,434,462**
[13] A1

[51] **Int.Cl. 7A23L 1/217 7A23L 1/164 7A23L 1/29**
[25] FR
[54] **PROCEDE DE FABRICATION DE SNACKS ALLEGES EN MATIERES GRASSES ET ENRICHIS EN FIBRES ET SNACKS AINSI OBTENUS**
[54] **PROCESS FOR MANUFACTURING LOW FAT, HIGH-FIBRE SNACKS AND SNACKS THUS OBTAINED**
[72] DELEBARRE, MARIE, FR
[71] DELEBARRE, MARIE, FR
[22] 2003-07-15
[41] 2004-02-05
[30] FR (FR 02 09962) 2002-08-05

[21] **2,434,476**
[13] A1

[51] **Int.Cl. 7B62D 55/24**
[25] FR
[54] **CABLE DE RENFORCEMENT POUR CHENILLE SOUPLE SANS FIN**
[54] **REINFORCING CABLE FOR FLEXIBLE ENDLESS TRACK**
[72] PHELY, OLIVIER, FR
[71] OTICO, FR
[22] 2003-07-29
[41] 2004-02-07
[30] FR (0210054) 2002-08-07

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[13] A1
[51] **Int.Cl. 7C07D 295/04 7C07D 231/04
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56**
[25] FR
[54] **PROCEDE DE
MONOMETHYLATION
D'HETEROCYCLES AZOTES**
[54] **PROCESS FOR THE
METHYLATION OF NITROGENATED
HETEROCYCLICS**
[72] BORREDON, ELISABETH, FR
[72] THIEBAUD-ROUX, SOPHIE, FR
[72] GASET, ANTOINE, FR
[72] OUK, SAMEDY, FR
[72] CHABAUD, BERNARD, FR
[71] SNPE, FR
[22] 2003-07-22
[41] 2004-02-01
[30] FR (02 09820) 2002-08-01

[21] **2,434,537**
[13] A1
[51] **Int.Cl. 7B23K 9/095**
[25] FR
[54] **SYSTEME ET PROCEDE POUR
AMELIORER LA PRODUCTIVITE
D'UN ATELIER DE SOUDAGE**
[54] **SYSTEM AND PROCESS FOR
IMPROVING THE PRODUCTIVITY OF
A WELDING SHOP**
[72] BLOT, ROGER, FR
[72] CANTACUZENE, SERBAN, FR
[72] VAIDYA, VIWEK, CA
[72] LECOUFFE, JEAN-FRANCOIS, FR
[72] COSSON, STEPHANE, FR
[72] CAZOTTES, ERIC, FR
[71] L'AIR LIQUIDE, SOCIETE
ANONYME A DIRECTOIRE ET CONSEIL
DE SURVEILLANCE P OUR L'ETUDE ET
L'EXPLOITATION DES PROCEDES
GEORGES CLAUDE, FR
[71] AIR LIQUIDE CANADA INC., CA
[22] 2003-07-23
[41] 2004-02-05
[30] FR (0209935) 2002-08-05

[21] **2,434,590**
[13] A1
[51] **Int.Cl. 7B61H 13/20**
[25] EN
[54] **A PARKING BRAKE FOR A RAIL
VEHICLE**
[54] **FREIN DE PARCAGE POUR
VEHICULE FERROVIAIRE**
[72] JANTZI, LYLE, US
[72] SAMULAK, ZDZISLAW, US
[72] SAUTER, JEFFREY F., US
[72] PECK, JERRY, US
[72] NEWTON, STEVEN R., US
[72] HUBER, HOWARD E., JR., US
[71] NEW YORK AIR BRAKE
CORPORATION, US
[22] 2003-07-08
[41] 2004-02-07
[30] US (10/212,770) 2002-08-07

[21] **2,434,595**
[13] A1
[51] **Int.Cl. 7F41C 7/11**
[25] EN
[54] **BREAK-ACTION FIREARM**
[54] **ARME A FEU A MECANISME A
BASCULE**
[72] POPIKOW, SERGEI, DE
[71] S.A.T. SWISS ARMS TECHNOLOGY
AG, CH
[22] 2003-07-08
[41] 2004-02-02
[30] DE (102 35 283.6) 2002-08-02

[21] **2,434,917**
[13] A1
[51] **Int.Cl. 7C10M 141/10 7C10M 133/00
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[25] EN
[54] **METHODS AND COMPOSITIONS
FOR REDUCING WEAR IN INTERNAL
COMBUSTION ENGINES
LUBRICATED WITH A LOW
PHOSPHORUS CONTENT
LUBRICATING OIL**
[54] **METHODES ET COMPOSITIONS
POUR REDUIRE L'USURE DANS LES
MOTEURS A COMBUSTION INTERNE
LUBRIFIES AVEC DES HUILES A
FAIBLE TENEUR EN PHOSPHORE**
[72] BOFFA, ALEXANDER B., US
[71] CHEVRON ORONITE COMPANY
LLC, US
[22] 2003-07-09
[41] 2004-02-01
[30] US (10/212,027) 2002-08-01

[21] **2,434,927**
[13] A1
[51] **Int.Cl. 7A61K 31/665 7A61P 13/02
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[25] EN
[54] **PHARMACEUTICAL
COMPOSITIONS WITH ANTIBIOTIC
ACTIVITY**
[54] **COMPOSITIONS
PHARMACEUTIQUES A ACTIVITE
ANTIBIOTIQUE**
[72] RAMPOLDI, LUCA, IT
[72] PIRRONE, LUCA, IT
[72] FACCIN, SARAH, IT
[72] GURRIERI, GIOVANNI, IT
[72] GRASSANO, ALESSANDRO, IT
[71] ZAMBON GROUP S.P.A., IT
[22] 2003-07-10
[41] 2004-02-01
[30] IT (MI2002A001725) 2002-08-01

[21] **2,434,991**
[13] A1
[51] **Int.Cl. 7A61J 7/04 7A61J 1/03 7B65D
83/04**
[25] EN
[54] **PHARMACEUTICAL DISPENSER
SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE
PRODUITS PHARMACEUTIQUES**
[72] VALLEY, JEFFREY M., US
[72] GREEVEN, JOHN C., US
[71] HEWLETT-PACKARD
DEVELOPMENT COMPANY, L.P., US
[22] 2003-07-11
[41] 2004-02-05
[30] US (10/213,146) 2002-08-05

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[21] **2,435,056**
[13] A1

[51] **Int.Cl. 7G01L 11/00 7G05D 16/00 7G01L 11/02 7G01L 11/06 7A61L 2/28**
[25] EN
[54] **PROCESS FOR THE CONTINUOUS MEASUREMENT, DETECTION AND REGULATION OF SUPPORT PRESSURE AND A DEVICE FOR CARRYING OUT THE PROCESS**
[54] **PROCEDE POUR LE MESURE, LA DETECTION ET LE REGULATION EN CONTINU DE LA PRESSION DE SOUTIEN ET UN DISPOSITIF POUR MENER A BIEN CE PROCEDE**
[72] VETTER, UDO J., DE
[72] TREUER, FRIEDRICH, DE
[72] STEIGENBERGER, KLAUS, DE
[71] ARZNEIMITTEL GMBH APOTHEKER VETTER & CO., DE
[22] 2003-07-11
[41] 2004-02-03
[30] DE (102 35 542.8-41) 2002-08-03

[21] **2,435,191**
[13] A1

[51] **Int.Cl. 7B32B 21/06 7B27D 1/00 7B32B 27/04 7B32B 27/30**
[25] EN
[54] **LAMINATED BOARD FOR EXTERIOR CLADDING**
[54] **PANNEAU LAMELLE POUR PAREMENT EXTERIEUR**
[72] ENCIO MARTINEZ, FERNANDO, ES
[72] BASTIDA SAGARAZU, SANTIAGO, ES
[71] COMPOSITES GUREA, S.A., ES
[22] 2003-07-14
[41] 2004-02-05
[30] ES (ES 200300262) 2002-08-05

[21] **2,435,240**
[13] A1

[51] **Int.Cl. 7B60K 31/04**
[25] EN
[54] **METHOD AND APPARATUS FOR LIMITING SPEED OF AIR SUSPENDED VEHICLES**
[54] **METHODE ET APPAREIL PERMETTANT DE LIMITER LA VITESSE DES VEHICULES A SUSPENSION PNEUMATIQUE**
[72] TROUPE, DAVID KEITH, US
[72] GROSS, PETER, US
[71] MACK TRUCKS, INC., US
[22] 2003-07-11
[41] 2004-02-02
[30] US (10/209,939) 2002-08-02

[21] **2,435,472**
[13] A1

[51] **Int.Cl. 7A47J 31/10 7A47J 31/057 7A47J 31/44**
[25] EN
[54] **CAMPING COFFEE MAKER**
[54] **CAFETIERE DE CAMPING**
[72] LONG, NORRIS RICHARD, US
[72] MAY, RANDY, US
[71] THE COLEMAN COMPANY, INC., US
[22] 2003-07-17
[41] 2004-02-05
[30] US (10/213,206) 2002-08-05

[21] **2,435,475**
[13] A1

[51] **Int.Cl. 7A47J 37/07**
[25] EN
[54] **CONVERTIBLE GRILL AND FIREPLACE**
[54] **GRIL ET FOYER TRANSFORMABLE**
[72] SKIDMORE, KEITH, VINCENT, US
[72] ROCKSTAD, JORDAN GABRIEL, US
[71] THE COLEMAN COMPANY, INC., US
[22] 2003-07-17
[41] 2004-02-05
[30] US (10/213,055) 2002-08-05

[21] **2,435,496**
[13] A1

[51] **Int.Cl. 7E04F 15/024 7B41F 17/08**
[25] EN
[54] **PRINTED BORDER**
[54] **BORDURE IMPRIMEE**
[72] MEAD, BRUCE, CA
[71] MEAD, BRUCE, CA
[22] 2003-07-17
[41] 2004-02-05
[30] US (10/211,643) 2002-08-05

[21] **2,435,516**
[13] A1

[51] **Int.Cl. 7C09D 123/08 7C09D 17/00**
[25] EN
[54] **USE OF GRADIENT COPOLYMERS AS DISPERSANTS TO TREAT PIGMENTS AND SOLIDS**
[54] **UTILISATION DE COPOLYMERES GRADIENTS COMME DISPERSANTS POUR TRAITER DES PIGMENTS ET DES SOLIDES**
[72] GOEBELT, BERND, DE
[72] VALENTINA, PETRA DELLA, DE
[72] HAUBENNESTEL, KARLHEINZ, DE
[72] KRAPPE, UDO, DE
[71] BYK-CHEMIE GMBH, DE
[22] 2003-07-18
[41] 2004-02-07
[30] DE (102 36 133.9) 2002-08-07

[21] **2,435,536**
[13] A1

[51] **Int.Cl. 7E04B 1/38**
[25] FR
[54] **SYSTEME ET METHODE DE JONCTION ENTRE ELEMENTS DE CONSTRUCTION**
[54] **SYSTEM AND METHOD FOR JOINING BUILDING COMPONENTS**
[72] GOSSELIN, MARC, CA
[71] GOSSELIN, MARC, CA
[22] 2003-08-01
[41] 2004-02-03
[30] CA (2,405,009) 2002-09-26

[21] **2,435,542**
[13] A1

[51] **Int.Cl. 7C11B 1/10 7C11C 1/00 7C11C 3/00 7A23D 9/00**
[25] FR
[54] **PROCEDE DE PREPARATION D'ACIDES GRAS POLYINSATURES LIBRES ET DE LEURS METABOLITES D'OXYDATION**
[54] **PROCESS FOR THE PREPARATION OF POLYUNSATURATED FREE FATTY ACIDS AND OF OXIDATION METABOLITES THEREOF**
[72] BOUARAB, KAMAL, CA
[72] YVIN, JEAN-CLAUDE, FR
[72] POTIN, PHILIPPE, FR
[72] SALAUN, JEAN-PIERRE, FR
[71] BOUARAB, KAMAL, CA
[71] YVIN, JEAN-CLAUDE, FR
[71] POTIN, PHILIPPE, FR
[71] SALAUN, JEAN-PIERRE, FR
[22] 2003-08-01
[41] 2004-02-02
[30] FR (02 09912) 2002-08-02

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[21] **2,435,561**
[13] A1
[51] **Int.Cl. 7A61K 31/557 7A61K 31/202**
[25] FR
[54] **MEDICAMENT CONTRE LA DIFFERENCIATION DES FIBROBLASTES EN ADIPOCYTES**
[54] **MEDICATION TO PREVENT FIBROBLASTS FROM DIFFERENTIATING TO ADIPOCYTES**
[72] BERTHOU, FRANCOIS, FR
[72] PLEE-GAUTIER, EMMANUELLE, FR
[72] YVIN, JEAN-CLAUDE, FR
[72] SALAUN, JEAN-PIERRE, FR
[71] LABORATOIRES GOEMAR S.A., FR
[22] 2003-08-01
[41] 2004-02-02
[30] FR (02 09911) 2002-08-02

[21] **2,435,602**
[13] A1
[51] **Int.Cl. 7B60R 27/00 7F02N 15/00**
[25] EN
[54] **METHODS AND APPARATUS FOR MELTING SNOW AND ICE ON A VEHICLE**
[54] **METHODES ET DISPOSITIFS POUR FAIRE FONDRE LA NEIGE ET LA GLACE SUR UN VEHICULE**
[72] OSKOREP, JOHN JEFFREY, US
[71] OSKOREP, JOHN JEFFREY, US
[22] 2003-07-18
[41] 2004-02-01
[30] US (10/209,760) 2002-08-01

[21] **2,435,634**
[13] A1
[51] **Int.Cl. 7B65D 88/54 7B65G 69/08 7B65G 65/40**
[25] EN
[54] **TILT-LESS DISCHARGE LINER SYSTEM FOR BULK MATERIAL CARGO CONTAINERS**
[54] **SYSTEME DE DOUBLURE POUR LE DECHARGEMENT SANS BASCULEMENT DE CONTENEURS DE MARCHANDISES EN VRAC**
[72] MINO, OSWALDO, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-07-21
[41] 2004-02-01
[30] US (10/209,607) 2002-08-01

[21] **2,435,859**
[13] A1
[51] **Int.Cl. 7F16B 27/00 7F16B 15/08 7B25C 1/16 7B25C 1/18**
[25] EN
[54] **FASTENER COLLATION STRIP HAVING MAGAZINE RAIL-ENGAGING MEMBERS DEFINING POINT-CONTACT TIP REGIONS**
[54] **BANDE D'ATTACHES A MAGASIN A ELEMENTS ENGAGES SUR RAIL QUI DETERMINENT LES REGIONS DE POINT DE CONTACT**
[72] GUPTA, HARISH C., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-07-23
[41] 2004-02-05
[30] US (10/212,290) 2002-08-05

[21] **2,435,872**
[13] A1
[51] **Int.Cl. 7E01C 9/00**
[25] EN
[54] **LONG-LIFE PAVEMENT SYSTEM**
[54] **CORPS DE CHAUSSEE DURABLE**
[72] HENAO, ANDRES URIEL GALLEGRO, CO
[71] HENAO, ANDRES URIEL GALLEGRO, CO
[22] 2003-07-23
[41] 2004-02-06
[30] CO (02-68559) 2002-08-06

[21] **2,435,911**
[13] A1
[51] **Int.Cl. 7C08G 65/00**
[25] EN
[54] **A PROCESS FOR THE PREPARATION OF PERFLUOROPOLYETHERS ACYLFLUORIDE ENDED BY REDUCTION OF THE CORRESPONDING PEROXIDIC PERFLUOROPOLYETHERS**
[54] **UN PROCEDE DE PREPARATION D'ACYLFLUORURES DE PERFLUOROPOLYETHERS SE TERMINANT PAR LA REDUCTION DES PERFLUOROPOLYETHERS PEROXYDIQUES CORRESPONDANTS**
[72] DI MEO, ANTONELLA, IT
[72] TONELLI, CLAUDIO, IT
[72] PICOZZI, ROSALDO, IT
[71] SOLVAY SOLEXIS S.P.A., IT
[22] 2003-07-24
[41] 2004-02-01
[30] IT (MI2002 A 001733) 2002-08-01

[21] **2,435,920**
[13] A1
[51] **Int.Cl. 7C08G 65/00**
[25] EN
[54] **HYDROFLUOROETHERS HAVING AT LEAST ONE HYDROGENATED -OCFX'CH₃, END GROUP WHEREIN X'=F, CF₃ AND THEIR PREPARATION PROCESS**
[54] **HYDROFLUOROETHERS COMPORTANT AU MOINS UN GROUPEMENT TERMINAL -OCFX'CH₃ HYDROGENE, DANS LEQUEL X'=F, CF₃, ET LEUR PROCEDE DE PREPARATION**
[72] TONELLI, CLAUDIO, IT
[72] DI MEO, ANTONELLA, IT
[72] PICOZZI, ROSALDO, IT
[71] SOLVAY SOLEXIS S.P.A., IT
[22] 2003-07-24
[41] 2004-02-01
[30] IT (MI2002 A 001731) 2002-08-01

[21] **2,435,924**
[13] A1
[51] **Int.Cl. 7C08G 65/00**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF PERFLUOROPOLYETHERS HAVING ALDEHYDE, ALCOHOL, AMINE END GROUPS BY CATALYTIC REDUCTION**
[54] **PROCEDE DE PREPARATION DE PERFLUOROPOLYETHERS COMPORTANT DES GROUPES TERMINAUX ALDEHYDE, ALCOOL, AMINE, PAR REDUCTION CATALYTIQUE**
[72] DI MEO, ANTONELLA, IT
[72] PICOZZI, ROSALDO, IT
[72] TONELLI, CLAUDIO, IT
[71] SOLVAY SOLEXIS S.P.A., IT
[22] 2003-07-24
[41] 2004-02-01
[30] IT (MI2002 A 001734) 2002-08-01

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[21] **2,435,965**
[13] A1

[51] **Int.Cl. 7B01J 20/04 7B32B 15/01**
[25] EN
[54] **MULTILAYERED HYDROGEN ABSORBING BODY**
[54] **CORPS MULTICOUCHE ABSORBANT L'HYDROGENE**
[72] KOIWAI, AKIHIKO, JP
[72] MOURI, TOSHIHIRO, JP
[72] TOWATA, SHIN-ICHI, JP
[72] ITOH, AKIO, JP
[72] HIOKI, TATSUMI, JP
[72] AOKI, MASAKAZU, JP
[72] SAITO, KATSUSHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2003-07-25
[41] 2004-02-07
[30] JP (2002-229674) 2002-08-07

[21] **2,435,983**
[13] A1

[51] **Int.Cl. 7B22D 17/20 7B22D 30/00**
[25] EN
[54] **MOLD AND METHOD FOR MOLDING METALLIC PRODUCT**
[54] **MOULE ET METHODE DE MOULAGE DE PRODUIT METALLIQUE**
[72] SUZUKI, HIDEYUKI, JP
[72] SATO, KOICHIRO, JP
[71] DENSO CORPORATION, JP
[22] 2003-07-25
[41] 2004-02-01
[30] JP (2002-225172) 2002-08-01

[21] **2,436,007**
[13] A1

[51] **Int.Cl. 7C05G 3/00**
[25] EN
[54] **CONTROLLED RELEASE FERTILIZER AND METHOD FOR PRODUCTION THEREOF**
[54] **ENGRAIS A DEGAGEMENT CONTROLE ET METHODE POUR LE PRODUIRE**
[72] STELMACK, EUGENE G., CA
[72] WYNNYK, NICK P., CA
[72] EASTHAM, J., DAVID, CA
[72] BABIAK, NICOLETTE M., CA
[72] CARSTENS, LESLIE L., CA
[72] XING, BAOZHONG, CA
[72] GEIGER, ALBERT J., CA
[71] AGRUM INC., CA
[22] 2003-07-25
[41] 2004-02-02
[30] US (10/210,177) 2002-08-02

[21] **2,436,016**
[13] A1

[51] **Int.Cl. 7C07C 23/04 7A01N 27/00 7A01N 3/02 7A01N 29/04**
[25] EN
[54] **STABLE ETHYLENE INHIBITING COMPOUNDS AND METHODS FOR THEIR PREPARATION**
[54] **COMPOSES STABLES INHIBITEURS DE L'ETHYLENE ET METHODES POUR LES PREPARER**
[72] KELLY, MARTHA JEAN, US
[72] JACOBSON, RICHARD MARTIN, US
[72] JAMES, WILLIAM NIXON JR., US
[71] ROHM AND HAAS COMPANY, US
[22] 2003-07-24
[41] 2004-02-06
[30] US (60/401,308) 2002-08-06

[21] **2,436,029**
[13] A1

[51] **Int.Cl. 7B64F 1/305 7B64D 47/02 7B64F 1/18**
[25] EN
[54] **METHOD AND APPARATUS FOR ALIGNING AN AIRCRAFT WITH A PASSENGER LOADING BRIDGE**
[54] **METHODE ET DISPOSITIF D'ALIGNEMENT D'AERONEF A UNE PASSERELLE D'EMBARQUEMENT DE PASSAGERS**
[72] HUTTON, NEIL, CA
[71] DEW ENGINEERING AND DEVELOPMENT LIMITED, CA
[22] 2003-07-28
[41] 2004-02-05
[30] US (60/400,785) 2002-08-05

[21] **2,436,047**
[13] A1

[51] **Int.Cl. 7G01M 17/08 7G01B 11/02**
[25] EN
[54] **A DEVICE FOR MONITORING THE CONDITION OF THE SUPERSTRUCTURE ESPECIALLY OF FIXED RAILROAD TRACKS**
[54] **DISPOSITIF DE CONTROLE DE L'ETAT DE LA SUPERSTRUCTURE, EN PARTICULIER DES VOIES FERRES FIXES**
[72] KOWALSKI, MARTIN, DE
[71] PFLEIDERER INFRASTRUKTURTECHNIK GMBH & CO. KG, DE
[22] 2003-07-28
[41] 2004-02-03
[30] DE (102 35 537.1-24) 2002-08-03

[21] **2,436,069**
[13] A1

[51] **Int.Cl. 7E21B 47/12**
[25] EN
[54] **BOREHOLE LOGGING APPARATUS FOR DEEP WELL DRILLING WITH A DEVICE FOR TRANSMITTING BOREHOLE MEASUREMENT DATA**
[54] **APPAREIL DE DIAGRAPHIE POUR LE FORAGE DE Puits PROFONDS COMPORTANT UN DISPOSITIF DE TRANSMISSION DE DONNES DE MESURE DE TROU DE FORAGE**
[72] WINNACKER, HELMUT, DE
[71] PRECISION DRILLING TECHNOLOGY SERVICES GMBH, DE
[22] 2003-07-28
[41] 2004-02-07
[30] DE (102 36 228.9) 2002-08-07

[21] **2,436,070**
[13] A1

[51] **Int.Cl. 7H01M 8/04**
[25] EN
[54] **FIBER COOLING OF FUEL CELLS**
[54] **REFROIDISSEMENT DE PILES A COMBUSTIBLE AU MOYEN DE FIBRES**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2003-07-24
[41] 2004-02-06
[30] US (10/212,541) 2002-08-06

[21] **2,436,115**
[13] A1

[51] **Int.Cl. 7B65D 83/14**
[25] EN
[54] **NEW IMPROVEMENT RELATED TO THE DISPENSING OF AEROSOLS**
[54] **NOUVELLE AMELIORATION POUR LA GENERATION D'AEROSOLS**
[72] LAMMEL, MICHAEL, DE
[72] MULLER, NILS, DE
[72] ILLERT, BERTRAND, DE
[71] S. C. JOHNSON & SON, INC., US
[22] 2003-07-23
[41] 2004-02-01
[30] US (10/209,689) 2002-08-01

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[21] **2,436,167**
[13] A1
[51] **Int.Cl. 7H05B 41/282 7H05B 37/02**
[25] EN
[54] **CIRCUIT APPARATUS AND METHOD FOR OPERATING A LAMP**
[54] **DISPOSITIF A CIRCUIT ET METHODE D'UTILISATION D'UNE LAMPE**
[72] STORM, ARWED, DE
[72] MAYER, SIEGFRIED, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 2003-07-29
[41] 2004-02-01
[30] DE (10235217.8) 2002-08-01

[21] **2,436,174**
[13] A1
[51] **Int.Cl. 7H04Q 7/34 7H04Q 7/36**
[25] EN
[54] **APPARATUS AND METHOD FOR DETECTING A POWER RATIO BETWEEN A TRAFFIC CHANNEL AND A PILOT CHANNEL IN A MOBILE COMMUNICATION SYSTEM**
[54] **APPAREIL ET METHODE DE DETECTION D'UN RAPPORT DE PUISSANCES ENTRE UN CANAL DE TRAFIC ET UN CANAL PILOTE DANS UN SYSTEME DE COMMUNICATION MOBILE**
[72] KIM, HUN-KEE, KR
[72] MOON, YONG-SUK, KR
[72] CHOI, GIN-KYU, KR
[72] KIM, NOH-SUN, KR
[72] PAIK, KYUNG-HYUN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2003-07-29
[41] 2004-02-01
[30] KR (45527/2002) 2002-08-01

[21] **2,436,178**
[13] A1
[51] **Int.Cl. 7C03B 37/012 7C03B 37/014 7G02B 6/10**
[25] EN
[54] **OPTICAL FIBER PREFORM, METHOD FOR MANUFACTURING THEREOF, AND OPTICAL FIBER OBTAINED BY DRAWING THEREOF**
[54] **PREFORME A FIBRE OPTIQUE, METHODE DE FABRICATION DE CETTE PREFORME ET FIBRE OPTIQUE OBTENUE PAR ETIRAGE A PARTIR DE CETTE PREFORME**
[72] OYAMADA, HIROSHI, JP
[72] HIRASAWA, HIDEO, JP
[72] INOUE, DAI, JP
[72] OTOSAKA, TETSUYA, JP
[72] ABE, JUN, JP
[71] SHIN-ETSU CHEMICAL CO., LTD., JP
[22] 2003-07-29
[41] 2004-02-07
[30] JP (2002-230380) 2002-08-07

[21] **2,436,232**
[13] A1
[51] **Int.Cl. 7B32B 27/28 7C08K 5/01 7C08K 5/07 7B65D 25/14 7B65D 65/40 7B65D 85/72**
[25] EN
[54] **USE OF POLY (DIMETHYL KETONE) TO MANUFACTURE ARTICLES IN DIRECT CONTACT WITH A HUMID OR AQUEOUS MEDIUM**
[54] **UTILISATION DE POLY(DIMETHYLKETONE) POUR LA PRODUCTION D'ARTICLES DEVANT ETRE EN CONTACT DIRECT AVEC UN MILIEU HUMIDE OU AQUEUX**
[72] BRULE, BENOIT, FR
[72] LINEMANN, REINHARD, FR
[71] ATOFINA, FR
[22] 2003-07-29
[41] 2004-02-02
[30] FR (02.09860) 2002-08-02

[21] **2,436,249**
[13] A1
[51] **Int.Cl. 7H01R 33/94 7H04M 11/06**
[25] EN
[54] **WALL MOUNTED DSL ADAPTER JACK WITH LATCHES FOR ATTACHMENT**
[54] **PRISE D'ADAPTATEUR DSL MURALE AVEC LOQUETS DE FIXATION**
[72] WEIKLE, OWEN B., US
[71] COMMUNICATIONS SYSTEMS, INC., US
[22] 2003-07-30
[41] 2004-02-02
[30] US (60/400,601) 2002-08-02

[21] **2,436,283**
[13] A1
[51] **Int.Cl. 7H02G 3/04**
[25] EN
[54] **LATCHING AND ASSEMBLY STRUCTURE OF A COVER AND DUCT BASE IN A WIRING DUCT ASSEMBLY**
[54] **STRUCTURE DE BLOCAGE ET D'ASSEMBLAGE D'UN COUVERCLE ET D'UNE BASE DE GAINE DANS UNE GOULOTTE GUIDE-FILES**
[72] VIGOS, RANDY, US
[72] VAN HORN, KIMBERLY, US
[72] KHOKHAR, WASIM, US
[72] RUBIN DE LA BORBOLLA, IAN, US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2003-07-29
[41] 2004-02-07
[30] US (60/401,681) 2002-08-07
[30] US (60/415,794) 2002-10-03

[21] **2,436,286**
[13] A1
[51] **Int.Cl. 7B23P 19/04**
[25] EN
[54] **CORE ELEMENT FASTENING AND ASSEMBLY METHOD**
[54] **METHODE DE FIXATION ET D'ASSEMBLAGE D'ELEMENTS DE SABLE A NOYAUX**
[72] WILDRICK, DONALD G., US
[72] WATKINS, GREGORY D., US
[71] INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, LLC., US
[22] 2003-07-25
[41] 2004-02-01
[30] US (10/210,518) 2002-08-01

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[21] **2,436,294**
[13] A1

[51] **Int.Cl. 7H02J 13/00 7G06F 19/00 7G01R 19/165 7G01R 19/17**
[25] EN
[54] **POWER OUTAGE ALERT ELECTRONIC DEVICE**
[54] **DISPOSITIF ELECTRONIQUE D'AVERTISSEMENT EN CAS DE PANNE DE COURANT**
[72] LELECAS, MICHAEL, US
[71] LELECAS, MICHAEL, US
[22] 2003-07-31
[41] 2004-02-05
[30] US (10/215,415) 2002-08-05

[21] **2,436,309**
[13] A1

[51] **Int.Cl. 7H04B 10/18 7H04B 10/08**
[25] EN
[54] **BROADBAND CONTROL OF POLARIZATION MODE DISPERSION**
[54] **COMMANDE A LARGE BANDE POUR DISPERSION DE MODE DE POLARISATION**
[72] O'SULLIVAN, MAURICE S., CA
[72] HABEL, RICHARD, CA
[72] ROBERTS, KIM B., CA
[71] NORTEL NETWORKS LIMITED, CA
[22] 2003-07-30
[41] 2004-02-02
[30] US (10/209,904) 2002-08-02

[21] **2,436,310**
[13] A1

[51] **Int.Cl. 7G01F 9/00 7F02B 75/12**
[25] EN
[54] **METHOD AND SYSTEM FOR MEASURING AIR/FUEL RATIO IN A HYDROGEN FUELED INTERNAL COMBUSTION ENGINE**
[54] **METHODE ET SYSTEME POUR MESURER LE RAPPORT AIR/COMBUSTIBLE DANS UN MOTEUR A COMBUSTION INTERNE A HYDROGENE**
[72] SIAMAK, HASHEMI, US
[72] KOTWICKI, ALLAN JOSEPH, US
[72] TANG, XIAOGUO, US
[71] FORD GLOBAL TECHNOLOGIES, LLC, US
[22] 2003-07-31
[41] 2004-02-01
[30] US (10/064,638) 2002-08-01

[21] **2,436,316**
[13] A1

[51] **Int.Cl. 7D05B 47/04**
[25] EN
[54] **APPARATUS FOR MONITORING AND CONTROLLING THREAD TENSIONING FORCE IN A SEWING MACHINE**
[54] **APPAREIL POUR CONTROLER ET COMMANDER LA TENSION DU FIL D'UNE MACHINE A COUDRE**
[72] FOLEY, MARTIN J., US
[71] FOLEY, MARTIN J., US
[22] 2003-07-31
[41] 2004-02-02
[30] US (60/400,724) 2002-08-02
[30] US (10/625,273) 2003-07-23

[21] **2,436,319**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**
[25] EN
[54] **PAYMENT VALIDATION NETWORK**
[54] **RESEAU DE VALIDATION DE PAIEMENT**
[72] SANDRU, CALIN A., CA
[71] SANDRU, CALIN A., CA
[22] 2003-07-31
[41] 2004-02-02
[30] US (60/400,035) 2002-08-02

[21] **2,436,329**
[13] A1

[51] **Int.Cl. 7C07C 5/23 7C07C 11/08 7C10L 1/16**
[25] EN
[54] **OLIGOMERIZATION OF ISOBUTENE IN N-BUTENIC HYDROCARBON STREAMS**
[54] **OLIGOMERISATION DE L'ISOBUTENE DANS DES CIRCUITS D'HYDROCARBURES N-BUTENIQUES**
[72] NIERLICH, FRANZ, DE
[72] BUESCHKEN, WILFRIED, DE
[72] PETERS, UDO, DE
[72] KERKER, LOTHAR, DE
[72] ROETTGER, DIRK, DE
[72] BECKMANN, ANDREAS, DE
[72] MASCHMEYER, DIETRICH, DE
[71] OXENO OLEFINCHEMIE GMBH, DE
[22] 2003-08-01
[41] 2004-02-06
[30] DE (102 35 934.2) 2002-08-06
[30] DE (103 06 214.9) 2003-02-13

[21] **2,436,376**
[13] A1

[51] **Int.Cl. 7A22C 13/00 7A22C 11/00**
[25] EN
[54] **EASILY PEELABLE SAUSAGE CASING MADE OF FIBRE-REINFORCED CELLULOSE HYDRATE HAVING A NON-STICK COATING ON THE INSIDE**
[54] **BOYAUX A SAUCISSE FACILEMENT PELABLES EN HYDRATE DE CELLULOSE RENFORCE AVEC DES FIBRES ET COMPORTANT UN REVETEMENT NON ADHERANT A L'INTERIEUR**
[72] HENZE-WETHKAMP, HEINRICH, DE
[72] NEUSCHULZ, WILLI, DE
[72] BLUMENBERG, KLAUS, DE
[71] CASETECH GMBH & CO. KG, DE
[22] 2003-08-01
[41] 2004-02-06
[30] DE (10235966.0) 2002-08-06

[21] **2,436,380**
[13] A1

[51] **Int.Cl. 7H01M 4/36 7C25B 9/00 7A61N 1/378 7H01M 4/66**
[25] EN
[54] **SILVER VANADIUM OXIDE PROVIDED WITH A METAL OXIDE COATING**
[54] **OXYDE DE VANADIUM ET D'ARGENT RECOUVERT D'UN OXYDE METALLIQUE**
[72] LEISING, RANDOLPH, US
[72] TAKEUCHI, ESTHER S., US
[71] WILSON GREATBATCH TECHNOLOGIES, INC., US
[22] 2003-08-01
[41] 2004-02-06
[30] US (60/401,425) 2002-08-06

[21] **2,436,383**
[13] A1

[51] **Int.Cl. 7A43B 13/38**
[25] EN
[54] **INSOLE WITH ARCH SPRING**
[54] **SEMELLE INTERIEURE A RESSORT D'ARCHE**
[72] HOWLETT, HAROLD A., US
[72] YANG, PHILIP, US
[72] GRISONI, BERNARD F., US
[72] CRANE, LAURA J., US
[71] SCHERING-PLOUGH HEALTHCARE PRODUCTS, INC., US
[22] 2003-08-04
[41] 2004-02-06
[30] US (10/212,913) 2002-08-06

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[21] **2,436,386**
[13] A1
[51] Int.Cl. 7C08L 67/06 7C08J 3/02
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7C08L 39/06 7C08J 5/18 7A61K 9/32
[25] EN
[54] POLYACRYLIC FILM FORMING
COMPOSITIONS
[54] COMPOSITIONS POUR LA
PRODUCTION DE FILMS
POLYACRYLIQUES
[72] KAMATH, SATISH, US
[71] MCNEIL-PPC, INC., US
[22] 2003-08-01
[41] 2004-02-02
[30] US (10/211,139) 2002-08-02

[21] **2,436,391**
[13] A1
[51] Int.Cl. 7C01B 25/12 7C09K 11/08
7C01B 13/14 7C30B 29/16
[25] EN
[54] METHOD FOR MANUFACTURING
HIGHLY-CRYSTALLIZED OXIDE
POWDER
[54] METHODE DE PRODUCTION DE
POUDRES D'OXYDE FORTEMENT
CRISTALLISE
[72] NAGASHIMA, KAZURO, JP
[72] AKIMOTO, YUJI, JP
[72] NAKAMURA, MASAMI, JP
[71] SHOEI CHEMICAL INC., JP
[22] 2003-07-30
[41] 2004-02-07
[30] JP (2002-230595) 2002-08-07
[30] JP (2002-249781) 2002-08-28

[21] **2,436,392**
[13] A1
[51] Int.Cl. 7G02B 26/08
[25] EN
[54] MOVING FIBER OPTICAL
SWITCH
[54] INTERRUPTEUR A FIBRES
OPTIQUES MOBILES
[72] HARMAN, MURRAY R., CA
[72] HARMAN, STEPHEN G., CA
[71] LUMINOS INDUSTRIES LTD., CA
[22] 2003-08-01
[41] 2004-02-05
[30] US (60/400,706) 2002-08-05

[21] **2,436,393**
[13] A1
[51] Int.Cl. 7G06F 15/163 7G06F 13/38
7H04L 12/40
[25] EN
[54] SYSTEM AND METHOD FOR
CONTROLLING COMMUNICATION
ON A SIGNAL BUS
[54] SYSTEME ET METHODE DE
COMMANDE DE COMMUNICATION
SUR UN BUS DE SIGNAUX
[72] HO, ANDY, US
[72] HUANG, ELIM, US
[72] CHAN, MING HONG, US
[71] ESS TECHNOLOGY, INC., US
[22] 2003-08-01
[41] 2004-02-03
[30] US (60/400,804) 2002-08-03
[30] US (10/391,653) 2003-03-18

[21] **2,436,394**
[13] A1
[51] Int.Cl. 7C08F 4/54 7B01J 37/00 7B01J
37/06 7C08F 16/12 7C08G 65/28
[25] EN
[54] DOUBLE METAL CYANIDE
CATALYSTS FOR THE PREPARATION
OF POLYETHER POLYOLS
[54] CATALYSEURS A BASE DE DEUX
CYANURES METALLIQUES POUR LA
PREPARATION DE POLYOLS DE
POLYETHERS
[72] OOMS, PIETER, DE
[72] DOEBLER, MARTIN, DE
[72] HOFMANN, JOERG, DE
[71] BAYER AKTIENGESELLSCHAFT,
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[22] 2003-07-30
[41] 2004-02-01
[30] DE (10235130.9) 2002-08-01

[21] **2,436,439**
[13] A1
[51] Int.Cl. 7H04L 12/12 7G06F 17/30
7G06F 13/38
[25] EN
[54] REMOTE DATABASE ACCESS
APPARATUS, METHOD AND
COMPUTER PROGRAM PRODUCT
[54] APPAREIL, METHODE ET
PRODUIT PROGRAMME
D'ORDINATEUR POUR L'ACCES A
DES BASES DE DONNEES A DISTANCE
[72] HAMILTON, DONALD MARTIN, US
[71] RETRIEVAL DYNAMICS
CORPORATION, US
[22] 2003-08-04
[41] 2004-02-02
[30] US (60/400,068) 2002-08-02

[21] **2,436,445**
[13] A1
[51] Int.Cl. 7B23K 35/22 7B23K 9/00
7B23K 9/16
[25] EN
[54] FLUX-CORED WIRE
FORMULATION FOR WELDING
[54] FORMULATION POUR FIL-
ELECTRODE FOURRE POUR LE
SOUDAGE
[72] NIKODYM, ANTHONY, US
[71] HOBART BROTHERS COMPANY,
US
[22] 2003-08-05
[41] 2004-02-06
[30] US (10/064,683) 2002-08-06

[21] **2,436,450**
[13] A1
[51] Int.Cl. 7E21B 23/00
[25] EN
[54] REMOTE OPERATED TOOL
STRING DEPLOYMENT APPARATUS
[54] DISPOSITIF DE MISE EN PLACE
DE TRAIN DE TIGES D'OUTIL
TELECOMMANDE
[72] MARSH, BRENT, GB
[72] NORRIS, ROBERT M., GB
[71] VARCO I/P, INC., US
[22] 2003-07-31
[41] 2004-02-06
[30] US (10/212,035) 2002-08-06

[21] **2,436,458**
[13] A1
[51] Int.Cl. 7C09D 175/04 7C09D 133/24
7C08G 18/80
[25] EN
[54] WAX-MODIFIED COATING
COMPOSITIONS WITH IMPROVED
ABRASION RESISTANCE
[54] COMPOSITIONS DE
REVETEMENT MODIFIEES AVEC UNE
CIRE AYANT UNE MEILLEURE
RESISTANCE A L'ABRASION
[72] CHRISTOPH, WOLFGANG, DE
[72] HOEHNE, JOERG, DE
[72] WATERKAMP, PAUL-LUDWIG, DE
[71] DEGUSSA AKTIENGESELLSCHAFT,
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[22] 2003-08-01
[41] 2004-02-06
[30] DE (10235933.4) 2002-08-06
[30] DE (10300118.2) 2003-01-07

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[21] **2,436,466**
[13] A1

[51] **Int.Cl. 7B60R 13/00 7E05B 15/00 7B60J 5/00 7E05B 65/20**
[25] EN
[54] **MOTOR VEHICLE DOOR COMPONENT HAVING FIBER FLOCKING**
[54] **COMPOSANT DE PORTIERE D'AUTOMOBILE RECOUVERT DE FIBRES FLOQUEES**
[72] CIBOROWSKI, ROBERT E., US
[72] STEVENSON, PAUL R., US
[72] DAVIES, DAVID A., US
[72] MOORE, MACK T., US
[72] SLOVESKO, SHAWN, US
[71] DAIMLERCHRYSLER CORPORATION, US
[22] 2003-07-31
[41] 2004-02-07
[30] US (10/213,979) 2002-08-07

[21] **2,436,473**
[13] A1

[51] **Int.Cl. 7A63F 3/06 7G07B 11/00 7G07C 15/00 7G07B 5/06 7H04L 9/28**
[25] EN
[54] **LOTTERY TICKET SECURITY METHOD**
[54] **METHODE DE PROTECTION POUR BILLETS DE LOTERIE**
[72] BENNETT, JOSEPH W., III, US
[71] SCIENTIFIC GAMES INC., US
[22] 2003-07-31
[41] 2004-02-02
[30] US (60/400,646) 2002-08-02
[30] US (10/629,686) 2003-07-30

[21] **2,436,475**
[13] A1

[51] **Int.Cl. 7B01J 23/89 7B01J 6/00 7B01J 32/00 7B01J 37/02**
[25] EN
[54] **HYDROTHERMAL PRETREATMENT FOR INCREASING AVERAGE PORE SIZE IN CATALYST SUPPORTS**
[54] **PRETRAITEMENT HYDROTHERMIQUE POUR AUGMENTER LA POROSITE MOYENNE DE SUPPORTS DE CATALYSEUR**
[72] WANG, DAXIANG, US
[72] STARGUZZI, GLORIA I., US
[72] WRIGHT, HAROLD A., US
[72] CNOSSEN, ROBIN G., US
[72] NIU, TIANYAN, US
[71] CONOCOPHILLIPS COMPANY, US
[22] 2003-07-31
[41] 2004-02-01
[30] US (10/210,353) 2002-08-01

[21] **2,436,478**
[13] A1

[51] **Int.Cl. 7G09B 9/04**
[25] EN
[54] **TRAIN SIMULATOR AND PLAYBACK STATION**
[54] **SIMULATEUR DE TRAIN ET POSTE DE RELECTURE**
[72] FOSTER, MACKAY C., US
[72] HAWTHORNE, MICHAEL J., US
[71] NEW YORK AIR BRAKE CORPORATION, US
[22] 2003-07-31
[41] 2004-02-07
[30] US (10/212,782) 2002-08-07

[21] **2,436,486**
[13] A1

[51] **Int.Cl. 7G01T 1/17 7G01T 1/16 7G01T 1/185**
[25] EN
[54] **RADIATION DETECTION APPARATUS**
[54] **APPAREIL POUR LA DETECTION DE RAYONNEMENT**
[72] DONAGHUE, DAVID M., US
[72] WHITE, ROBERT L., US
[72] ZIMMERMANN, LEONARD W., US
[71] R.P. SCHERER TECHNOLOGIES, INC., US
[22] 2003-07-31
[41] 2004-02-01
[30] US (10/210,764) 2002-08-01

[21] **2,436,500**
[13] A1

[51] **Int.Cl. 7B29C 47/02 7B32B 31/30**
[25] EN
[54] **INTEGRAL EXTRUSION ON FABRIC**
[54] **EXTRUSION INTEGRALE SUR TISSU**
[72] SAYERS, RANDY J., US
[72] LONGSTREET, KENNETH A., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2003-07-31
[41] 2004-02-07
[30] US (60/401,724) 2002-08-07
[30] US (60/403,946) 2002-08-16
[30] US (10/447,822) 2003-05-29

[21] **2,436,504**
[13] A1

[51] **Int.Cl. 7B61F 5/50**
[25] EN
[54] **RAIL ROAD CAR TRUCK WITH BEARING ADAPTER AND METHOD**
[54] **BOGIE DE VOITURE DE CHEMIN DE FER A ADAPTEUR DE ROULEMENT ET METHODE**
[72] FORBES, JAMES W., CA
[71] NATIONAL STEEL CAR LIMITED, CA
[22] 2003-07-31
[41] 2004-02-01
[30] CA (2,396,525) 2002-08-01

[21] **2,436,509**
[13] A1

[51] **Int.Cl. 7A63B 59/02**
[25] EN
[54] **LACROSSE HAD HAVING AN ARTICULATED MEMBER**
[54] **TETE DE CROSSE MUNIE D'UN MEMBRE ARTICULE**
[72] KOHLER, DALE W., US
[72] SHERMAN, KENNETH E., US
[71] STX LLC, US
[22] 2003-08-01
[41] 2004-02-01
[30] US (60/399,722) 2002-08-01
[30] US (UNKNOWN) 2003-07-31

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[13] A1
[51] **Int.Cl. 7C08G 18/72 7C08J 9/228 7E04B 1/74**
[25] EN
[54] **INSULATION BOARDS AND METHODS FOR THEIR MANUFACTURE**
[54] **PANNEAUX ISOLANTS ET METHODES DE FABRICATION**
[72] LETTS, JOHN B., US
[72] LAUGHLIN, WAYNE E., US
[72] MILLER, BRUCE M., US
[71] BFS DIVERSIFIED PRODUCTS, LLC, US
[22] 2003-08-01
[41] 2004-02-02
[30] US (60/400,779) 2002-08-02

[21] **2,436,552**
[13] A1
[51] **Int.Cl. 7F16J 15/10**
[25] EN
[54] **SEALING DEVICE**
[54] **DISPOSITIF D'ETANCHEITE**
[72] WOLLER, JOSEF, DE
[72] MECHTERIDIS, DIMITRIOS, DE
[71] TYCO ELECTRONICS AMP GMBH, DE
[22] 2003-08-01
[41] 2004-02-02
[30] DE (10235499.5) 2002-08-02

[21] **2,436,555**
[13] A1
[51] **Int.Cl. 7A47L 9/00**
[25] EN
[54] **UPRIGHT VACUUM CLEANER EQUIPPED WITH CONVERSION VALVE AND DEAD HEADED WAND**
[54] **ASPIRATEUR-BALAI MUNI D'UNE SOUPAPE DE CONVERSION ET D'UN TUBE-RALLONGE A VIDE**
[72] FEDORKA, THOMAS J., US
[72] BOWDEN, JASON D., US
[72] GIESKE, JASON R., US
[71] MATSUSHITA ELECTRIC CORPORATION OF AMERICA, US
[22] 2003-08-01
[41] 2004-02-05
[30] US (10/212,302) 2002-08-05

[21] **2,436,560**
[13] A1
[51] **Int.Cl. 7B01D 46/02 7B01D 35/02**
[25] EN
[54] **TABLETOP-TYPE AIR CLEANER**
[54] **EPURATEUR D'AIR DE TABLE**
[72] ENDO, KIYOMU, JP
[71] O-DEN CORPORATION, JP
[22] 2003-08-06
[41] 2004-02-07
[30] JP (2002-230668) 2002-08-07

[21] **2,436,564**
[13] A1
[51] **Int.Cl. 7B05B 1/24 7B65D 83/72**
[25] EN
[54] **HEATED DISPENSER**
[54] **DISTRIBUTEUR CHAUFFANT**
[72] TAYLOR, ROY HAROLD, US
[72] CARLUCCI, VITO J., US
[71] CONAIR CORPORATION, US
[22] 2003-08-01
[41] 2004-02-02
[30] US (60/400,743) 2002-08-02

[21] **2,436,565**
[13] A1
[51] **Int.Cl. 7B41F 15/14 7B41F 15/08 7B41F 15/34**
[25] EN
[54] **SILK-SCREEN PRINTING MACHINE IN SIMPLIFIED REGISTER**
[54] **MACHINE D'IMPRESSION SERIGRAPHIQUE DANS UN REGISTRE SIMPLIFIE**
[72] PRINCIPE, GIUSEPPE, IT
[71] SIASPRINT S.R.L., IT
[22] 2003-08-01
[41] 2004-02-02
[30] IT (MI2002A 001759) 2002-08-02

[21] **2,436,569**
[13] A1
[51] **Int.Cl. 7A23C 19/076**
[25] EN
[54] **NOVEL GUM APPLICATION IN WHEYLESS CREAM CHEESE SYSTEMS**
[54] **NOUVELLE GOMME POUR LA PRODUCTION DE FROMAGE A LA CREME SANS LACTOSERUM**
[72] RODRIGUEZ, ANA PATRICIA, US
[72] LOH, JIMBAY P., US
[72] CHA, ALICE SHEN, US
[71] KRAFT FOODS HOLDINGS, INC., US
[22] 2003-08-01
[41] 2004-02-01
[30] US (10/210,851) 2002-08-01

[21] **2,436,571**
[13] A1
[51] **Int.Cl. 7B29C 45/03 7B29C 45/17 7B29C 45/20**
[25] EN
[54] **REMOVABLE HEATER FOR A HOT RUNNER NOZZLE**
[54] **RECHAUFFEUR AMOVIBLE POUR BUSE DE CANAL CHAUFFANT**
[72] BABIN, DENIS, CA
[72] GUENTHER, HANS, CA
[72] SICILIA, ROBERT, CA
[71] MOLD-MASTERS LIMITED, CA
[22] 2003-08-01
[41] 2004-02-02
[30] US (10/210,883) 2002-08-02

[21] **2,436,583**
[13] A1
[51] **Int.Cl. 7H01J 49/26**
[25] EN
[54] **MASS SPECTROMETER**
[54] **SPECTROMETRE DE MASSE**
[72] BROWN, JEFF, GB
[72] PRINGLE, STEVE, GB
[72] HOYES, JOHN BRIAN, GB
[72] GILES, KEVIN, GB
[72] BATEMAN, ROBERT HAROLD, GB
[71] MICROMASS UK LIMITED, GB
[22] 2003-08-05
[41] 2004-02-05
[30] GB (0218139.4) 2002-08-05
[30] GB (0308418.3) 2003-04-11

[21] **2,436,614**
[13] A1
[51] **Int.Cl. 7B60R 11/02**
[25] EN
[54] **FLOATING SUPPORT STRUCTURE FOR CD CHANGER**
[54] **STRUCTURE DE SUPPORT FLOTTANTE POUR CHANGEUR DE CD**
[72] OCHIAI, HIDEO, JP
[72] SHIMAZAKI, TAKAYUKI, JP
[72] SATO, OSAMU, JP
[71] HONDA ACCESS CORPORATION, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2003-08-06
[41] 2004-02-07
[30] JP (2002-229926) 2002-08-07

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[21] **2,436,621**
[13] A1

[51] **Int.Cl. 7G09F 23/14 7G06F 17/60**
[25] EN
[54] **METHOD OF ADVERTISING ON GOLF BALLS**
[54] **METHODE DE PUBLICITE SUR BALLE DE GOLF**
[72] RICHARDSON, MARK, CA
[71] RICHARDSON, MARK, CA
[22] 2003-08-05
[41] 2004-02-05
[30] US (60/402,307) 2002-08-05

[21] **2,436,622**
[13] A1

[51] **Int.Cl. 7B01D 21/30 7C02F 1/00**
[25] EN
[54] **CLARICONE SLUDGE LEVEL CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE DU NIVEAU DE BOUES CLARICONE**
[72] RUEHRWEIN, DONALD NEIL, US
[71] CHICAGO BRIDGE & IRON COMPANY, US
[22] 2003-08-05
[41] 2004-02-06
[30] US (10/212,887) 2002-08-06

[21] **2,436,632**
[13] A1

[51] **Int.Cl. 7C23C 22/52 7C23F 3/06**
[25] EN
[54] **STABILIZATION OF HYDROGEN PEROXIDE IN ACIDIC BATHS FOR CLEANING METALS**
[54] **STABILISATION DU PEROXYDE D'HYDROGENE DANS DES BAINS ACIDES POUR LE NETTOYAGE DES METAUX**
[72] COLVIN, MICHAEL T., US
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[22] 2003-08-05
[41] 2004-02-05
[30] US (10/212,977) 2002-08-05

[21] **2,436,637**
[13] A1

[51] **Int.Cl. 7E21B 17/00**
[25] EN
[54] **WAVE SEAL TO RESIST EXTRUSION DURING EQUALIZATION**
[54] **SCELLEMENT ONDULE QUI RESISTE A L'EXTRUSION PENDANT L'EGALISATION**
[72] BERTOJA, MICHAEL J., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2003-08-05
[41] 2004-02-06
[30] US (60/401,446) 2002-08-06
[30] US (10/608,680) 2003-06-27

[21] **2,436,638**
[13] A1

[51] **Int.Cl. 7F01D 9/02**
[25] EN
[54] **VARIABLE-GEOMETRY TURBINE STATOR BLADE, PARTICULARLY FOR AIRCRAFT ENGINES**
[54] **AUBE DE STATOR DE TURBINE A GEOMETRIE VARIABLE, EXPLICITEMENT POUR MOTEURS D'AERONEFS**
[72] CIACCI, PAOLO LORENZO, IT
[72] COUTANDIN, DANIELE, IT
[72] DALLE CRODE, DOMENICO, IT
[71] AVIO S.P.A., IT
[22] 2003-08-05
[41] 2004-02-06
[30] IT (TO2002A000699) 2002-08-06

[21] **2,436,640**
[13] A1

[51] **Int.Cl. 7E21B 43/10**
[25] EN
[54] **EXPANDABLE DEVICES AND METHOD**
[54] **DISPOSITIFS EXTENSIBLES ET METHODE**
[72] HACKWORK, MATTHEW R., US
[72] JOHNSON, CRAIG D., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2003-08-05
[41] 2004-02-06
[30] US (60/385,778) 2002-08-06
[30] US (10/452,322) 2003-06-02

[21] **2,436,644**
[13] A1

[51] **Int.Cl. 7A01K 1/015 7B01J 20/10**
[25] EN
[54] **SILICA GEL BASED ANIMAL LITTER**
[54] **LITIERE POUR ANIMAUX A BASE DE GEL DE SILICE**
[72] JENKINS, DENNIS B., US
[72] FRITTER, CHARLES F., US
[72] LEE, ROGER V., US
[72] SHENOY, ANANTH N., US
[72] HERNLEM, RAMESH, US
[71] THE CLOROX COMPANY, US
[22] 2003-08-06
[41] 2004-02-07
[30] US (10/215,174) 2002-08-07

[21] **2,436,645**
[13] A1

[51] **Int.Cl. 7B41L 21/00 7G07B 17/00 7B41F 21/00 7B41F 33/00**
[25] EN
[54] **METHOD AND SYSTEM FOR HIGH SPEED DIGITAL METERING USING LOW VELOCITY PRINT TECHNOLOGY**
[54] **METHODE ET SYSTEME DE MESURE NUMERIQUE A HAUTE VITESSE FAISANT APPEL A LA TECHNOLOGIE D'IMPRESSION A BASSE VITESSE**
[72] SUSSMEIER, JOHN W., US
[71] PITNEY BOWES INC., US
[22] 2003-08-05
[41] 2004-02-05
[30] US (10/213,204) 2002-08-05

[21] **2,436,646**
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04L 1/20**
[25] EN
[54] **A METHOD OF CONTROLLING A COMMUNICATIONS LINK**
[54] **METHODE DE COMMANDE D'UNE LIAISON DE TRANSMISSION**
[72] BAINES, STEVEN JOHN, GB
[71] NORTEL NETWORKS LIMITED, CA
[22] 2003-08-05
[41] 2004-02-06
[30] US (10/213,729) 2002-08-06

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[21] **2,436,647**
[13] A1

[51] **Int.Cl. 7B62D 25/22 7B60R 3/02**
[25] EN
[54] **POWER OPERATED RUNNING BOARD**
[54] **MARCHEPIED MOTORISE**
[72] BROWER, GREGORY A., US
[72] HENDERSON, JACK V., US
[71] DECOMA INTERNATIONAL INC., CA
[22] 2003-08-05
[41] 2004-02-06
[30] US (60/401,682) 2002-08-06

[21] **2,436,648**
[13] A1

[51] **Int.Cl. 7A01N 43/40 7A01N 43/84**
[25] EN
[54] **HERBICIDAL COMPOSITIONS**
[54] **COMPOSITIONS HERBICIDES**
[72] HAAS, ULRICH JOHANNES, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2003-08-05
[41] 2004-02-07
[30] CH (1371/02) 2002-08-07

[21] **2,436,651**
[13] A1

[51] **Int.Cl. 7A47J 27/10 7A47J 27/00**
[25] EN
[54] **AUTOMATIC MACHINE FOR COOKING FOOD IN A LIQUID**
[54] **MACHINE AUTOMATIQUE POUR LA CUISSON D'ALIMENTS DANS UN LIQUIDE**
[72] IORI, ANGELO, IT
[71] TECHFOOD S.N.C. DI IORI E CASTAGNETTI, IT
[22] 2003-08-05
[41] 2004-02-06
[30] IT (MI2002A 001794) 2002-08-06

[21] **2,436,660**
[13] A1

[51] **Int.Cl. 7A62C 35/68 7A62C 35/58**
[25] EN
[54] **DECORATIVE SUPPORT PANEL**
[54] **PANNEAU DE SOUTIEN DECORATIF**
[72] MACDONALD, NORMAN J., III, US
[72] SILCOX, PAUL S.F., US
[72] MACDONALD, PETER, M., US
[71] MACDONALD, NORMAN J., III, US
[71] SILCOX, PAUL S.F., US
[71] MACDONALD, PETER, M., US
[22] 2003-08-07
[41] 2004-02-07
[30] US (10/214,925) 2002-08-07
[30] US (60/408,365) 2002-09-04

[21] **2,436,663**
[13] A1

[51] **Int.Cl. 7B60R 11/02**
[25] EN
[54] **STRUCTURE FOR ACCOMMODATING CD CHANGER**
[54] **STRUCTURE DE MONTAGE POUR CHANGEUR DE CD**
[72] ENOMOTO, KENICHIRO, JP
[72] SHIMAZAKI, TAKAYUKI, JP
[72] OCHIAi, HIDEO, JP
[71] HONDA ACCESS CORPORATION, JP
[22] 2003-08-06
[41] 2004-02-07
[30] JP (2002-229978) 2002-08-07
[30] JP (2002-229979) 2002-08-07

[21] **2,436,804**
[13] A1

[51] **Int.Cl. 7B29C 70/52 7C03C 14/00 7C08J 5/04 7C08G 18/72**
[25] EN
[54] **PULTRUSION SYSTEMS AND PROCESS**
[54] **SYSTEMES ET PROCEDE DE PULTRUSION**
[72] CHEOLAS, EVAN H., US
[72] JOSHI, RAVI R., US
[71] HUNTSMAN INTERNATIONAL LLC, US
[22] 2003-08-06
[41] 2004-02-06
[30] US (60/401,741) 2002-08-06

[21] **2,436,817**
[13] A1

[51] **Int.Cl. 7C10M 159/18 7C10M 159/12 7C10M 133/16**
[25] EN
[54] **MODIFIED DETERGENTS AND LUBRICATING OIL COMPOSITIONS CONTAINING SAME**
[54] **DETERGENTS MODIFIES ET COMPOSITIONS D'HUILES LUBRIFIANTES LES CONTENANT**
[72] EMERT, JACOB, US
[72] GUTIERREZ, ANTONIO, US
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2003-08-06
[41] 2004-02-06
[30] US (10/212,858) 2002-08-06

[21] **2,436,845**
[13] A1

[51] **Int.Cl. 7C09B 29/30 7C09B 63/00 7C09D 11/00**
[25] EN
[54] **MONOAZOLAKE PIGMENT COMPOSITION AND GRAVURE INK USING THE SAME**
[54] **COMPOSITION DE PIGMENT LAQUE MONOAZOIQUE ET ENCRE POUR GRAVURE A BASE DE CELLE-CI**
[72] KATO, SHIGEKI, JP
[72] KITAMURA, KENJI, JP
[72] SHIROMARU, OSAMU, JP
[72] SHITAKA, MOTOI, JP
[72] MAKI, HITOSHI, JP
[72] GOTO, SHOKO, JP
[71] TOYO INK MFG. CO., LTD., JP
[22] 2003-08-06
[41] 2004-02-07
[30] JP (229937/02) 2002-08-07

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[21] **2,436,855**
[13] A1

[51] **Int.Cl. 7C22C 38/52 7B22D 23/00**
[25] EN
[54] **A PRECIPITATION-HARDENABLE ALLOY CORE ROD, PLUNGER TIP HAVING A UNIFORM SIDE WALL THICKNESS, AND METHOD OF FORMING SAME**
[54] **ARMATURE DE NOYAU EN ALLIAGE DURCI PAR PRECIPITATION, EMBOUT DE PISTON AYANT UNE EPAISSEUR DE PAROI LATERALE UNIFORME, ET METHODE DE FABRICATION**
[72] HILDRETH, TERRY, US
[72] SCOTT, GERALD, US
[72] SELAN, GERALD, US
[71] HILDRETH MANUFACTURING, LLC, US
[22] 2003-08-04
[41] 2004-02-02
[30] US (60/400,910) 2002-08-02

[21] **2,436,866**
[13] A1

[51] **Int.Cl. 7A47J 37/04 7A47J 37/00**
[25] EN
[54] **SKEWER HOLDER**
[54] **PORTE-BROCHETTE**
[72] SCULUCA, FRED S., US
[71] SCULUCA, FRED S., US
[22] 2003-08-06
[41] 2004-02-06
[30] US (60/401,430) 2002-08-06
[30] US (60/420,750) 2002-10-23
[30] US (10/349,617) 2003-01-23

[21] **2,436,867**
[13] A1

[51] **Int.Cl. 7A47J 37/04 7A47J 37/00**
[25] EN
[54] **SKEWER HOLDER**
[54] **PORTE-BROCHETTE**
[72] SCULUCA, FRED S., US
[71] SCULUCA, FRED S., US
[22] 2003-08-06
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[30] US (60/401,430) 2002-08-06
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[21] **2,436,890**
[13] A1

[51] **Int.Cl. 7A61K 31/7105 7A61P 7/00 7C12Q 1/37 7A61K 38/48 7A61K 38/49 7C12Q 1/56 7C12Q 1/68**
[25] EN
[54] **PHARMACEUTICAL PREPARATION WITH RNA AS HEMOSTASIS COFACTOR**
[54] **PREPARATION PHARMACEUTIQUE UTILISANT L'ARN COMME COFACTEUR DE L'HEMOSTASE**
[72] PREISSNER, KLAUS, DE
[72] NAKAZAWA, FUMIE, JP
[72] KANNEMEIER, CHRISTIAN, DE
[72] ROEMISCH, JUERGEN, DE
[71] AVENTIS BEHRING GMBH, DE
[22] 2003-08-06
[41] 2004-02-06
[30] DE (10236038.3) 2002-08-06
[30] DE (10309368.0) 2003-03-03

[21] **2,437,904**
[13] A1

[51] **Int.Cl. 7E02D 5/80**
[25] EN
[54] **MODULAR HELICAL ANCHOR**
[54] **ANCRE HELICOIDALE MODULAIRE**
[72] PINKLETON, MICHAEL A., US
[71] PINKLETON, MICHAEL A., US
[22] 2003-08-07
[41] 2004-02-07
[30] US (60/401,596) 2002-08-07

[21] **2,448,621**
[13] A1

[51] **Int.Cl. 7A47J 36/00 7B65D 81/02 7A47J 36/06**
[25] EN
[54] **COOKING PAN PROTECTOR**
[54] **PROTECTEUR DE CASSEROLE**
[72] KYLE, JACQUELINE MARGARET, CA
[71] KYLE, JACQUELINE MARGARET, CA
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[41] 2004-02-02

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[13] A1

[51] **Int.Cl. 7C07K 14/465 7C07K 1/18**
[25] EN
[54] **PROCESS FOR THE ISOLATION OF PURIFICATION OF A GLYCOPROTEIN AVIDIN**
[54] **PROCEDE POUR PURIFIER UNE GLYCOPROTEINE AVIDINE**
[72] RAO, MIKKAVILLI VENKATA SUBBA, IN
[72] GUPTA, MUNISHWAR NATH, IN
[72] ROY, IPSITA, IN
[71] INDIAN INSTITUTE OF TECHNOLOGY, IN
[85] 2003-06-19
[86] 2002-08-02 (IB2002003044)
[87] 2004-02-02 (2003099035)

[21] **2,432,882**
[13] A1

[51] **Int.Cl. 7C12N 15/31 7C12P 37/00 7C12P 1/02 7C07K 16/14 7C07K 14/38 7C07K 14/385 7C12N 15/62 7C12P 7/62 7C12Q 1/68**
[25] EN
[54] **REGULATORS OF FUNGAL GENE EXPRESSION**
[54] **NOUVEAUX REGULATEURS D'EXPRESSION DES GENES FONGIQUES**
[72] CALI, BRIAN M., US
[72] MADDEN, KEVIN T., US
[72] SHERMAN, AMIR, IL
[72] TRUEHEART, JOSHUA, US
[72] SILVA, JEFFREY C., US
[72] ZHANG, LIXIN, US
[72] MILNE, TODD G., US
[72] HOLTZMAN, DOUGLAS, US
[71] MICROBIA, INC., US
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[86] 2001-12-24 (US2001049911)
[87] 2002-07-25 (2002057456)
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[21] **2,437,066**
[13] A1

[51] **Int.Cl. 7C01F 11/18 7C01B 33/24**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCTION OF PRECIPITATED CALCIUM CARBONATE AND SILICATE COMPOUNDS IN COMMON PROCESS EQUIPMENT**
[54] **PROCEDE ET APPAREIL DE PRODUCTION DE CARBONATE DE CALCIUM PRECIPITE ET DE COMPOSES DE SILICATE DANS UN APPAREIL DE TRAITEMENT COMMUN**
[72] MATHUR, VIJAY K., US
[72] MATHUR, VARUN K., US
[71] MATHUR, VIJAY K., US
[85] 2003-07-30
[86] 2002-01-31 (US2002003142)
[87] 2002-08-08 (2002060986)
[30] US (60/265,657) 2001-01-31
[30] US (09/797,173) 2001-02-28

[21] **2,440,757**
[13] A1

[51] **Int.Cl. 7A61K 31/7048 7A61P 31/10 7A61K 31/65**
[25] EN
[54] **SUBSTITUTED TETRACYCLINE COMPOUNDS AS SYNERGISTIC ANTIFUNGAL AGENTS**
[54] **COMPOSES DE TETRACYCLINE SUBSTITUE UTILISES EN TANT QU'ANTIFONGIQUES SYNERGIQUES**
[72] DRAPER, MICHAEL, US
[72] NELSON, MARK L., US
[71] PARATEK PHARMACEUTICALS, INC., US
[85] 2003-09-12
[86] 2002-03-14 (US2002007829)
[87] 2002-09-19 (2002072031)
[30] US (60/275,899) 2001-03-14

[21] **2,440,841**
[13] A1

[51] **Int.Cl. 7C12N 15/09**
[25] EN
[54] **SCREENING METHOD FOR THE SELECTION OF PEPTIDES OR PROTEINS COMPRISING DISCRETE DIMENSION ASSAYS, GENE MUTATION AND APPLICATION ASSAYS**
[54] **PROCEDE DE CRIBLAGE A BASE D'UNE COMBINAISON D'ESSAIS DE DOSAGE DE DIMENSION DISCRETE D'AGENTS ACTIFS, MUTATION GENIQUE ET MISE EN APPLICATION D'UN ESSAI DE DOSAGE D'AGENTS ACTIFSSELECTIONNES**
[72] KJAERULF, SOREN, DK
[72] LAMSA, MICHAEL, US
[72] THISTED, THOMAS, DK
[72] PEDERSEN, HENRIK, DK
[72] FRISNER, HENRIK, DK
[72] HANSEN, PETER KAMP, DK
[71] NOVOZYMES A/S, DK
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[86] 2002-03-12 (DK2002000160)
[87] 2002-09-19 (2002072876)
[30] US (60/275,164) 2001-03-12

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[13] A1
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[25] EN
[54] **PROTEINS, DRUGGABLE**
REGIONS OF PROTEINS AND TARGET
ANALYSIS FOR CHEMISTRY OF
THERAPEUTICS
[54] **PROTEINES, ZONES DE**
PROTEINES POUVANT ETRE CIBLEES
ET ANALYSE DE CIBLES SERVANT A
LA COMPOSITION CHIMIQUE DE
MEDICAMENTS
[72] MENDLEIN, JOHN D., US
[72] EDWARDS, ALED, CA
[72] ARROWSMITH, CHERYL, CA
[72] GREENBLATT, JACK, CA
[71] AFFINIUM PHARMACEUTICALS,
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[87] 2003-01-09 (2003002724)
[30] US (60/275,216) 2001-03-12

[21] **2,441,375**
[13] A1
[51] **Int.Cl. 7A61G 3/00**
[25] EN
[54] **LIFT DEVICE WITH VARIABLE**
SPEED ACTUATION
[54] **DISPOSITIF ELEVATEUR A**
COMMANDE A VITESSE VARIABLE
[72] KARAPET, ABLABUTYAN, US
[71] MAXON LIFT CORPORATION, US
[85] 2003-09-19
[86] 2002-03-22 (US2002009060)
[87] 2003-04-03 (2003026547)
[30] US (09/815,878) 2001-03-22

[21] **2,441,566**
[13] A1
[51] **Int.Cl. 7A61K 39/395 7C12N 5/00**
7A61P 7/06 7A61K 38/18 7A61K 38/19
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[25] EN
[54] **BLOOD CELL PRODUCTION VIA**
ACTIVATION OF THE HEMOGLOBIN
SCAVENGER RECEPTOR
[54] **PRODUCTION DE GLOBULES**
SANGUINS PAR ACTIVATION DU
RECEPTEUR DES DETRITOPHAGES
D'HEMOGLOBINE
[72] MUELLER, SUSAN G., CA
[72] BELL, DAVID, CA
[72] MATTHEWS, KATHRYN EMMA, CA
[71] HEMOSOL INC., CA
[85] 2003-09-24
[86] 2002-03-26 (CA2002000411)
[87] 2002-10-03 (2002076501)
[30] US (60/278,453) 2001-03-26
[30] US (60/341,793) 2001-12-21

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[13] A1
[51] **Int.Cl. 7A01K 67/00 7A61K 45/00**
7A61P 27/02 7G01N 33/15
[25] EN
[54] **EXPERIMENTAL ANIMALS FOR**
EVALUATION OF THERAPEUTIC
EFFECTS ON CORNEAL EPITHELIAL
DAMAGES
[54] **ANIMAUX D'EXPERIMENTATION**
DESTINES A L'EVALUATION
D'EFFETS THERAPEUTIQUES SUR
DES LESIONS EPITHELIALES DE LA
CORNEE
[72] KATSUYAMA, IWAO, JP
[71] BIOCHEMICAL AND
PHARMACOLOGICAL LABORATORIES
INC., JP
[85] 2003-09-24
[86] 2002-01-04 (JP2002000007)
[87] 2002-10-17 (2002080663)
[30] JP (2001-101250) 2001-03-30
[30] JP (2001-226460) 2001-07-26
[30] JP (2001-363147) 2001-11-28

[21] **2,441,929**
[13] A1
[51] **Int.Cl. 7G01N 33/72 7C07F 5/02**
7G01N 33/53
[25] EN
[54] **HAEMOGLOBIN ASSAY**
ANALYSE D'HEMOGLOBINE
[72] HOLTLUND, JOSTEIN, NO
[72] BERNSTROM, KERSTIN, NO
[72] CORNELIUSSEN, LISE, NO
[72] DWORSKY, ELLEN, NO
[71] AXIS-SHIELD ASA, NO
[85] 2003-09-22
[86] 2002-04-10 (GB2002001664)
[87] 2002-10-31 (2002086512)
[30] GB (0110053.6) 2001-04-24

[21] **2,442,074**
[13] A1
[51] **Int.Cl. 7C07K 16/18 7C12N 5/00**
7G01N 33/48 7G01N 33/53
[25] EN
[54] **METHODS OF DETECTING**
EARLY RENAL DISEASE IN ANIMALS
[54] **PROCEDES DE DETECTION DE**
NEPHROPATHIE PEU EVOLUEE CHEZ
L'ANIMAL
[72] MCDONALD, THOMAS, US
[72] JENSEN, WAYNE, US
[72] ANDREWS, JANET S., US
[72] WEBER, ANNIKA, US
[71] HESKA CORPORATION, US
[85] 2003-09-22
[86] 2002-03-28 (US2002011105)
[87] 2002-10-10 (2002079781)
[30] US (60/279,391) 2001-03-28
[30] US (60/342,268) 2001-12-21
[30] US (10/112,648) 2002-03-28

[21] **2,442,169**
[13] A1
[51] **Int.Cl. 7C12Q 1/68 7C12P 19/34**
[25] EN
[54] **NUCLEIC ACID ANALYSIS USING**
NON-TEMPLATED NUCLEOTIDE
ADDITION
[54] **ANALYSE D'ACIDE NUCLEIQUE**
PAR AJOUT DE NUCLEOTIDE NON
MATRICE
[72] WEI, DONG, US
[72] BISHOP, DANIELLE, US
[71] APPLERA CORPORATION, US
[85] 2003-09-26
[86] 2002-03-27 (US2002009482)
[87] 2002-10-10 (2002079516)
[30] US (60/280,603) 2001-03-30

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[21] **2,442,529**
[13] A1

[51] **Int.Cl. 7D03D 11/00**
[25] EN
[54] **STRIP WITH FABRIC HAVING EXACTLY TWO LAYERS OF FABRIC BANDE AVEC TISSU COMPORTANT EXACTEMENT DEUX COUCHES DE TISSU**
[72] BECELLA, MARION, CH
[71] HABASIT AG, CH
[85] 2003-09-29
[86] 2002-03-21 (CH2002000168)
[87] 2002-10-17 (2002081798)
[30] CH (632/01) 2001-04-04

[21] **2,442,537**
[13] A1

[51] **Int.Cl. 7G01F 23/00 7G01F 25/00 7G01M 3/28**
[25] EN
[54] **METHOD OF ESTIMATING MEASURING ACCURACY OF DISPENSING METERS**
[54] **PROCEDE D'ESTIMATION DE PRECISION DES MESURES D'UN COMPTEUR DE DEBIT**
[72] JONES, WILLIAM P., US
[72] ROGERS, WARREN F., US
[72] COLLINS, JOHN R., US
[72] JONES, JILLANNE B., US
[71] WARREN ROGERS ASSOCIATES, US
[85] 2003-09-29
[86] 2002-03-28 (US2002010096)
[87] 2002-10-10 (2002079731)
[30] US (09/822,770) 2001-03-30

[21] **2,442,645**
[13] A1

[51] **Int.Cl. 7C07F 11/00 7C07H 21/00 7C12P 21/00 7C07C 321/04 7C12P 19/04 7C07C 225/06 7C12P 19/34**
[25] EN
[54] **PEPTIDES INCORPORATING CHEMOSELECTIVE FUNCTIONALITIES**
[54] **PEPTIDES A FONCTIONS CHIMIOSELECTIVES**
[72] HORN, THOMAS, US
[71] CHIRON CORPORATION, US
[85] 2003-09-26
[86] 2002-04-05 (US2002010823)
[87] 2002-10-17 (2002081637)
[30] US (60/282,115) 2001-04-06

[21] **2,442,694**
[13] A1

[51] **Int.Cl. 7C07K 14/705 7A61P 37/00 7A61P 19/08 7A23C 19/093 7C12N 15/12 7A23C 9/13 7A23K 1/16 7A61K 38/17 7A23L 1/305**
[25] EN
[54] **OSTEOPROTEGERIN IN MILK**
[54] **OSTEOPROTEGERINE DANS LE LAIT**
[72] VIDAL, KARINE, CH
[72] VAN DEN BROEK, PETER, NL
[72] DONNET-HUGUES, ANNE, CH
[72] OFFORD CAVIN, ELIZABETH, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2003-09-30
[86] 2002-03-15 (EP2002002912)
[87] 2002-10-17 (2002081521)
[30] EP (01 108 414.2) 2001-04-03

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[13] A1

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[25] EN
[54] **IMPLANTATION SERINE PROTEINASES**
[54] **SERINES PROTEINASES POUR L'IMPLANTATION**
[72] ANCOURT, DERRICK E., CA
[72] RANCOURT, SUSAN L., CA
[72] O'SULLIVAN, COLLEEN M., CA
[71] ANCOURT, DERRICK E., CA
[71] RANCOURT, SUSAN L., CA
[71] O'SULLIVAN, COLLEEN M., CA
[85] 2003-10-01
[86] 2002-04-08 (CA2002000474)
[87] 2002-10-17 (2002081665)
[30] US (60/281,724) 2001-04-06
[30] US (60/294,736) 2001-05-30
[30] US (60/350,962) 2002-01-25

[21] **2,442,935**
[13] A1

[51] **Int.Cl. 7C07H 21/04 7C12N 15/00 7C12P 21/04 7C12N 1/14 7C12N 1/20**
[25] EN
[54] **ALCOHOL OXIDASE 1 REGULATORY NUCLEOTIDE SEQUENCES FOR HETEROLOGOUS GENE EXPRESSION IN YEAST**
[54] **SEQUENCES NUCLEOTIDIQUES REGULATRICES D'ALCOOL OXYDASE 1 POUR L'EXPRESSION DE GENES HETEROLOGUES DANS UNE LEVURE**
[72] INAN, MEHMET, US
[72] BENSON, ANDREW K., US
[72] MEAGHER, MICHAEL M., US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
[85] 2003-10-02
[86] 2002-04-05 (US2002012851)
[87] 2002-10-17 (2002081650)
[30] US (60/281,861) 2001-04-05

[21] **2,442,944**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A01K 67/00 7A61K 45/00 7C12P 21/02 7C07K 16/28 7G01N 33/53 7C12Q 1/68 7C07K 14/705**
[25] EN
[54] **ISOLATED HUMAN TRANSPORTER PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS, AND USES THEREOF**
[54] **PROTEINES TRANSPORTEURS HUMAINES ISOLEES, MOLECULES D'ACIDES NUCLEIQUES CODANT CES PROTEINES TRANSPORTEURS HUMAINES ET UTILISATIONS CORRESPONDANTES**
[72] SHAO, WEI, US
[72] MERKULOV, GENNADY V., US
[72] DI FRANCESCO, VALENTINA, US
[72] BEASLEY, ELLEN M., US
[72] WEI, MING-HUI, US
[71] PE CORPORATION (NY), US
[85] 2003-10-02
[86] 2002-04-02 (US2002010157)
[87] 2002-10-10 (2002079384)
[30] US (09/822,268) 2001-04-02

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[13] A1

[51] **Int.Cl. 7G01D 5/353 7G01L 1/24**
[25] EN
[54] **SENSOR SYSTEM AND METHOD INCORPORATING FIBRE BRAGG GRATINGS**
[54] **SYSTEME ET PROCEDE DE DETECTION FAISANT APPEL A DES RESEAUX DE BRAGG SUR FIBRE**
[72] KENNY, ROBERT, IT
[72] WHELAN, MAURICE, IT
[71] EUROPEAN COMMUNITY, BE
[85] 2003-10-02
[86] 2002-05-08 (EP2002005116)
[87] 2002-11-14 (2002090893)
[30] GB (0111295.2) 2001-05-09

[21] **2,442,979**
[13] A1

[51] **Int.Cl. 7C07H 15/04 7C07H 19/06**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF 2'-HALO BETA L-ARABINOFURANOSYL NUCLEOSIDES**
[54] **PROCEDE DE PREPARATION DE 2'-HALO BETA L-ARABINOFURANOSYL NUCLEOSIDES**
[72] SZNAIDMAN, MARCOS, US
[71] TRIANGLE PHARMACEUTICALS, INC., US
[85] 2003-09-30
[86] 2002-03-29 (US2002009848)
[87] 2002-10-10 (2002079213)
[30] US (60/280,307) 2001-03-30

[21] **2,442,993**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07K 17/00 7C07H 21/04 7G01N 33/53**
[25] EN
[54] **NUCLEID ACID AND CORRESPONDING PROTEIN ENTITLED 158P3D2 USEFUL IN TREATMENT AND DETECTION OF CANCER**
[54] **ACIDE NUCLEIQUE ET PROTEINE CORRESPONDANTE INTITULE 158P3D2 UTILES DANS LE TRAITEMENT ET LA DETECTION DU CANCER**
[72] FARIS, MARY, US
[72] AFAR, DANIEL E. H., US
[72] MORRISON, ROBERT KENDALL, US
[72] MORRISON, KAREN, US
[72] GE, WANGMAO, US
[72] JAKOBOVITS, AYA, US
[72] RAITANO, ARTHUR B., US
[72] CHALLITA-EID, PIA M., US
[72] HUBERT, RENE S., US
[71] AGENSYS, INC., US
[85] 2003-10-02
[86] 2002-03-25 (US2002009403)
[87] 2002-10-24 (2002083928)
[30] US (60/283,112) 2001-04-10
[30] US (60/286,630) 2001-04-25

[21] **2,443,069**
[13] A1

[51] **Int.Cl. 7C07H 1/00 7C07H 17/00 7A61K 38/16 7A61K 31/70**
[25] EN
[54] **SYNTHESIS AND USE OF GLYCODENDRIMER REAGENTS**
[54] **SYNTHESE ET UTILISATION DE REACTIFS A GLYCODENDRIMERES**
[72] JONES, JOHN BRYAN, CA
[72] BOTT, RICHARD R., US
[72] DAVIS, BENJAMIN G., GB
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[71] GENENCOR INTERNATIONAL, INC., US
[85] 2003-09-30
[86] 2002-04-02 (US2002010903)
[87] 2002-10-10 (2002079394)
[30] US (09/824,827) 2001-04-02

[21] **2,443,088**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A01K 67/00 7A61K 38/00 7A61K 48/00 7A61K 38/08 7C12N 5/12 7A61K 35/14 7A61K 38/17 7C07K 16/18 7C07K 16/30 7A61K 39/395 7C07K 16/46 7C07K 14/47 7A61K 47/48 7G01N 33/53 7G01N 33/574 7C12Q 1/68 7A61K 31/7088 7C07K 14/82**
[25] EN
[54] **NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 121P2A3 USEFUL IN TREATMENT AND DETECTION OF CANCER**
[54] **ACIDE NUCLEIQUE ET PROTEINE CORRESPONDANTE APPELE 121P2A3 UTILE POUR LE TRAITEMENT ET LA DETECTION DES CANCERS**
[72] GE, WANGMAO, US
[72] MITCHELL, STEVE CHAPPELL, US
[72] JAKOBOVITS, AYA, US
[72] MORRISON, ROBERT KENDALL, US
[72] FARIS, MARY, US
[72] MORRISON, KAREN, US
[72] SAFFRAN, DOUGLAS, US
[72] HUBERT, RENE S., US
[72] CHALLITA-EID, PIA M., US
[72] AFAR, DANIEL E. H., US
[72] RAITANO, ARTHUR B., US
[71] AGENSYS, INC., US
[85] 2003-10-02
[86] 2002-04-09 (US2002011359)
[87] 2002-10-24 (2002083068)
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[30] US (60/286,630) 2001-04-25
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[54] **GRANULE WITH REDUCED DUST POTENTIAL**
[54] **GRANULE A PULVERULENCE REDUITE**
[72] GREEN, THOMAS S., US
[72] DALE, DOUGLAS A., US
[71] GENENCOR INTERNATIONAL, INC., US
[85] 2003-09-30
[86] 2002-04-01 (US2002010025)
[87] 2002-10-10 (2002078737)
[30] US (60/281,106) 2001-04-02

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[51] **Int.Cl. 7C10G 9/00 7C08G 75/00**
7C10G 11/00 7C07C 4/02 7C08G 75/14
7C10G 9/16
[25] EN
[54] **ATOMIZED POLYSULFIDE USED**
IN ETHYLENE STEAM CRACKER
[54] **POLYSULFURE ATOMISE**
UTILISE DANS UN VAPOCRAQUEUR A
L'ETHYLENE
[72] HELLER, FRED E., US
[72] ROBERTS, CHARLES D., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2003-09-30
[86] 2002-03-06 (US2002006918)
[87] 2002-10-17 (2002081595)
[30] US (60/282,030) 2001-04-06

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[25] EN
[54] **USE OF AZITHROMYCIN FOR**
THE MANUFACTURE OF A
MEDICAMENT FOR TREATMENT OF
NON-INFECTIVE INFLAMMATORY
DISEASES
[54] **NOUVELLE INDICATION**
THERAPEUTIQUE
D'AZITHROMYCINE POUR LE
TRAITEMENT DES MALADIES
INFLAMMATOIRES NON
INFECTIEUSES
[72] PARNHAM, MICHAEL, HR
[72] CULIC, OGNJEN, HR
[72] ERAKOVIC, VESNA, HR
[71] PLIVA D.D., HR
[85] 2003-10-03
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[87] 2002-11-07 (2002087596)
[30] HR (P010301A) 2001-04-27

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[13] A1
[51] **Int.Cl. 7C12Q 1/68 7G01N 33/53**
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[25] EN
[54] **METHODS AND KITS USEFUL**
FOR THE SIMPLIFICATION OF
COMPLEX PEPTIDE MIXTURES
[54] **METHODES ET MATERIELS**
UTILES POUR LA SIMPLIFICATION
DE MELANGES DE PEPTIDES
COMPLEXES
[72] BECKER, CHRISTOPHER, US
[71] THERMO FINNIGAN
CORPORATION, US
[85] 2003-10-02
[86] 2002-04-03 (US2002010463)
[87] 2002-10-17 (2002081752)
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[51] **Int.Cl. 7G11B 33/12 7G11B 33/02**
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[25] EN
[54] **PORTABLE DATA STORAGE**
DRIVE CARTRIDGE
[54] **CARTOUCHE D'ENTRAINEMENT**
PORTABLE POUR STOCKAGE DE
DONNEES
[72] GALLO, FRANK DAVID, US
[72] KARP, JAMES MITCHELL, US
[71] INTERNATIONAL BUSINESS
MACHINES CORPORATION, US
[85] 2003-10-03
[86] 2002-07-19 (GB2002003335)
[87] 2003-02-06 (2003010770)
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[51] **Int.Cl. 7H05B 3/26**
[25] EN
[54] **METHOD FOR PRODUCING**
HEATING RADIATING BOARDS
(VARIANTS)
[54] **PROCEDE DE FABRICATION DE**
PANNEAUX CHAUFFANT PAR
RAYONNEMENT (ET VARIANTES)
[72] MARKEVICH, MAXIM
ALEXANDROVICH, RU
[72] KOZLIKOV, VADIM LVOVICH, RU
[72] GOLOVENKOV, ALEXEI
VITALIEVICH, RU
[71] INVESTMENT & PARTNERS INC.,
RU
[85] 2003-10-06
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[87] 2002-11-14 (2002091801)
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[51] **Int.Cl. 7C12N 15/18 7C12N 5/00**
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7G01N 33/566 7C12N 15/63 7C12Q 1/68
[25] EN
[54] **SUPPRESSION OF ANDROGEN**
RECEPTOR TRANSACTIVATION
THROUGH NEW PATHWAYS TO AR
AND AR COACTIVATORS AND
REPRESSORS
[54] **SUPPRESSION DE LA**
TRANSACTIVATION DU RECEPTEUR
DES ANDROGENES PAR DE
NOUVELLES VOIES VERS LE RA ET
LES CO-ACTIVATEURS ET
REPRESSEURS DU RA
[72] CHANG, CHAWNSHANG, US
[71] UNIVERSITY OF ROCHESTER, US
[85] 2003-10-06
[86] 2002-04-05 (US2002011086)
[87] 2002-10-17 (2002082081)
[30] US (60/282,266) 2001-04-06
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[21] **2,443,962**
[13] A1
[51] **Int.Cl. 7F01D 5/18**
[25] EN
[54] **INNER PLATFORM**
IMPINGEMENT COOLING BY SUPPLY
AIR FROM OUTSIDE
[54] **REFROIDISSEMENT PAR**
CONTACT DE PLATE-FORME
INTERNE PAR ALIMENTATION D'AIR
EXTERNE
[72] SREEKANTH, SRI, CA
[72] QUICK, JEFFREY W., CA
[72] PAPPLE, MICHAEL, CA
[72] ABDEL-MESSEH, WILLIAM, US
[71] PRATT & WHITNEY CANADA
CORP./PRATT & WHITNEY CANADA
CIE., CA
[85] 2003-10-14
[86] 2002-04-10 (CA2002000501)
[87] 2002-11-21 (2002092970)
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[25] EN
[54] **TURBINE PREMIXING COMBUSTOR**
[54] **TURBINE DOTEE D'UN PREMELANGEUR DE CHAMBRE DE COMBUSTION**
[72] STUTTAFFORD, PETER, US
[71] PRATT & WHITNEY CANADA CORP./PRATT & WHITNEY CANADA CIE., CA
[85] 2003-10-14
[86] 2002-04-10 (CA2002000497)
[87] 2002-11-07 (2002088602)
[30] US (09/840,991) 2001-04-25

[21] **2,443,981**
[13] A1

[51] **Int.Cl. 7F23R 3/34 7F23R 3/36 7F23R 3/40**
[25] EN
[54] **ULTRA LOW NOX EMISSIONS COMBUSTION SYSTEM FOR GAS TURBINE ENGINES**
[54] **SYSTEME DE COMBUSTION A FAIBLES EMISSIONS DE NOX DESTINE A DES MOTEURS A TURBINE A GAZ**
[72] FISCHER, BERNHARD, CA
[71] PRATT & WHITNEY CANADA CORP./PRATT & WHITNEY CANADA CIE., CA
[85] 2003-10-14
[86] 2002-04-10 (CA2002000502)
[87] 2002-11-07 (2002088603)
[30] US (09/843,753) 2001-04-30

[21] **2,444,047**
[13] A1

[51] **Int.Cl. 7C07K 5/00 7A61K 38/00 7A61K 48/00**
[25] EN
[54] **METHODS TO INHIBIT VIRAL REPLICATION**
[54] **METHODES D'INHIBITION DE LA REPLICATION VIRALE**
[72] BAIDYA, NARAYAN, US
[72] DAS, SAUMITRA, US
[72] DASGUPTA, ASIM, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2003-10-14
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[87] 2002-10-24 (2002083858)
[30] US (09/836,073) 2001-04-16

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[13] A1

[51] **Int.Cl. 7E21B 43/10 7E21B 43/08**
[25] EN
[54] **APPARATUS AND METHOD FOR UTILISING EXPANDABLE SAND SCREEN IN WELLBORES**
[54] **APPAREIL ET PROCEDE PERMETTANT D'UTILISER UN TAMIS A SABLE EXPANSIBLE DANS DES PUIITS DE FORAGE**
[72] ROYER, RONNIE S., US
[72] FISHBECK, CRAIG, US
[72] ROUSE, BILL, US
[72] BODE, JEFFREY, US
[71] WEATHERFORD/LAMB, INC., US
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[86] 2002-05-01 (GB2002002005)
[87] 2002-11-14 (2002090712)
[30] US (09/849,624) 2001-05-04

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[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 21/00 7C12P 19/34**
[25] EN
[54] **NUCLEIC ACID REACTIONS USING LABELS WITH DIFFERENT REDOX POTENTIALS**
[54] **REACTIONS D'ACIDES NUCLEIQUES AVEC DES MARQUEURS AYANT DES POTENTIELS REDOX DIFFERENTS**
[72] TOR, YITZHAK, US
[72] YU, CHANGJUN, US
[71] CLINICAL MICRO SENSORS, INC., US
[71] UNIVERSITY OF CALIFORNIA, SAN DIEGO, US
[85] 2003-10-02
[86] 2002-04-03 (US2002020370)
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[30] US (60/281,276) 2001-04-03

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[51] **Int.Cl. 7C07K 1/14 7C12P 21/02 7C12N 1/06 7C07K 1/16 7C07K 1/30 7C07K 14/47 7C07K 14/61**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PRODUCTION OF RECOMBINANT PEPTIDES**
[54] **METHODES ET COMPOSITIONS POUR PRODUIRE DES PEPTIDES RECOMBINANTS**
[72] GONZALEZ-VILLASENOR, LUCIA IRENE, US
[71] GONZALEZ-VILLASENOR, LUCIA IRENE, US
[85] 2003-08-22
[86] 2002-02-22 (US2002005256)
[87] 2002-08-23 (2003102013)
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[25] EN
[54] **SPRR1A AND AXONAL REGENERATION**
[54] **SPRR1A ET REGENERATION AXONALE**
[72] BONILLA, IRIS E., US
[72] STRITTMATTER, STEPHEN M., US
[71] YALE UNIVERSITY, US
[85] 2003-10-21
[86] 2002-04-22 (US2002012564)
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[30] US (60/285,373) 2001-04-21

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[13] A1

[51] **Int.Cl. 7A61K 31/4709 7A61P 15/12**
[25] EN
[54] **TETRAHYDROQUINOLIN DERIVATIVES FOR THE INHIBITION OF DISEASES ASSOCIATED WITH ESTROGEN DEPRIVATION OR WITH AN ABERRANT PHYSIOLOGICAL RESPONSE TO ENDOGENOUS ESTROGEN**
[54] **DERIVES DE TETRAHYDROQUINOLINE POUR L'INHIBITION DE MALADIES ASSOCIEES A L'ISOLEMENT D'OESTROGENES OU A UNE REPOSE PHYSIOLOGIQUE ABERRANTE A UN OESTROGENE ENDOGENE**
[72] WALLACE, OWEN BRENDAN, US
[71] ELI LILLY AND COMPANY, US
[85] 2003-10-20
[86] 2002-05-09 (US2002011879)
[87] 2002-11-28 (2002094268)
[30] US (60/292,576) 2001-05-22

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[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **METHOD FOR GENOTYPING MICROSATELLITE DNA MARKERS**
[54] **PROCEDE DE GENOTYPAGE DE MARQUEURS D'ADN MICROSATELLITES**
[72] BELOUCHI, ABDELMAJID, CA
[72] PAQUIN, BRUNO, CA
[71] GALILEO GENOMICS, CA
[85] 2003-10-21
[86] 2002-04-19 (IB2002001287)
[87] 2002-10-31 (2002086159)
[30] US (09/840,717) 2001-04-23

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[13] A1

[51] **Int.Cl. 7C12N 5/10 7C12Q 1/04 7C12N 5/06 7C12Q 1/70**
[25] EN
[54] **CELLS FOR DETECTION OF ENTEROVIRUSES**
[54] **CELLULES POUR LA DETECTION D'ENTEROVIRUS**
[72] HUANG, YUNG T., US
[71] DIAGNOSTIC HYBRIDS, INC., US
[85] 2003-10-23
[86] 2002-04-24 (US2002012937)
[87] 2002-11-07 (2002087499)
[30] US (09/844,311) 2001-04-27

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[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 7/02 7H01J 49/26**
[25] EN
[54] **METHODS AND SYSTEMS FOR SEARCHING GENOMIC DATABASES**
[54] **METHODES ET SYSTEMES DE RECHERCHE DE BASES DE DONNEES GENOMIQUES**
[72] MANN, MATTHIAS, DK
[72] MORTENSEN, PETER, DK
[71] MDS PROTEOMICS, INC., CA
[85] 2003-10-29
[86] 2002-04-09 (US2002011417)
[87] 2002-10-17 (2002080649)
[30] US (60/282,551) 2001-04-09
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[25] EN
[54] **A MOLECULAR MARKER**
[54] **MARQUEUR MOLECULAIRE**
[72] FITZGERALD, DAVID JAMES, AU
[72] BATEMAN, JOHN FRANCIS, AU
[71] MURDOCH CHILDRENS RESEARCH INSTITUTE, AU
[85] 2003-10-28
[86] 2002-05-02 (AU2002000542)
[87] 2002-11-07 (2002088184)
[30] AU (PR 4701) 2001-05-02

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[54] **AMPLIFICATION PROCESS**
[54] **PROCEDE D'AMPLIFICATION**
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[72] CLARK, DUNCAN ROY, GB
[71] THE SECRETARY OF STATE OF DEFENCE, GB
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[87] 2002-11-07 (2002088387)
[30] GB (0110501.4) 2001-04-30

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[13] A1

[51] **Int.Cl. 7C12N 15/861 7A61K 48/00 7C12N 15/12 7A61K 38/17 7A61K 31/7088**
[25] EN
[54] **VIRAL-MEDIATED DELIVERY AND IN VIVO EXPRESSION OF POLYNUCLEOTIDES ENCODING ANTI-ANGIOGENIC PROTEINS**
[54] **TRANSPORT ET EXPRESSION IN-VIVO A MEDIATION VIRALE DE POLYNUCLEOTIDES CODANT DES PROTEINES ANTI-ANGIOGENES**
[72] CHANG, BETTY, US
[72] MENDEZ, MICHAEL, US
[72] WU, WEI, WEI, US
[72] JOOSS, KARIN, US
[72] PATEL, SALIL, US
[72] MACARTHUR, JAMES, US
[71] CELL GENESYS, INC., US
[85] 2003-10-30
[86] 2002-04-29 (US2002013461)
[87] 2002-11-07 (2002088173)
[30] US (60/287,673) 2001-04-30
[30] US (60/370,634) 2002-04-05

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[13] A1

[51] **Int.Cl. 7A61K 7/00 7A61K 38/00 7A61K 7/42 7A61K 7/44**
[25] EN
[54] **METHODS OF PREVENTING UVB-INDUCED SKIN DAMAGE**
[54] **METHODES POUR PREVENIR DES ENDOMMAGEMENTS CUTANES INDUITS PAR DES RAYONNEMENTS UVB**
[72] DETMAR, MICHAEL J., US
[72] YANO, KIICHIRO, JP
[71] THE GENERAL HOSPITAL CORPORATION, US
[71] YANO, KIICHIRO, JP
[85] 2003-10-10
[86] 2002-04-11 (US2002011403)
[87] 2002-10-24 (2002083088)
[30] US (60/283,874) 2001-04-13

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[13] A1

[51] **Int.Cl. 7C12N 9/52 7D06M 16/00 7C07K 14/28 7C11D 3/386**
[25] EN
[54] **DESTRUCTION OF PRIONS USING VIBRIOLYSIN OR VARIANTS THEREOF**
[54] **DESTRUCTION DE PRIONS AU MOYEN DE VIBRIOLYSINE OU DE VARIANTES DE CELLE-CI**
[72] KAKKIS, EMIL, US
[71] BIOMARIN PHARMACEUTICAL INC., US
[85] 2003-11-04
[86] 2002-05-16 (US2002015905)
[87] 2002-11-21 (2002092014)
[30] US (60/291,665) 2001-05-16

[21] **2,446,274**
[13] A1

[51] **Int.Cl. 7C07K 14/415**
[25] EN
[54] **NOVEL REGULATORY PROTEIN**
[54] **NOUVELLE PROTEINE REGULATRICE**
[72] TOMASSEN, MONICA MAGDALENA MARIA, NL
[72] VAN DER VALK, HENDRIKUS CHRISTOPHEL PETRUS MARIA, NL
[71] ATO B.V., NL
[85] 2003-11-04
[86] 2002-04-24 (NL2002000271)
[87] 2002-11-14 (2002090386)
[30] EP (01201636.6) 2001-05-04

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[13] A1

[51] **Int.Cl. 7C12N 15/31 7C07K 7/06 7C07K 7/08 7A61K 39/085 7C07K 16/12 7C07K 14/31 7A61K 39/395**
[25] EN
[54] **SURFACE PROTEINS FROM GRAM-POSITIVE BACTERIA HAVING HIGHLY CONSERVED MOTIFS AND ANTIBODIES THAT RECOGNIZE THEM**
[54] **PROTEINES DE SURFACE ISSUES DE BACTERIES GRAM POSITIF COMPORTANT DES MOTIFS FORTEMENT CONSERVES ET ANTICORPS RECONNAISSANT CES MOTIFS**
[72] XU, YI, US
[72] HOOK, MAGNUS A. O., US
[71] THE TEXAS A & M UNIVERSITY SYSTEM, US
[85] 2003-11-04
[86] 2002-05-08 (US2002014298)
[87] 2002-11-14 (2002090502)
[30] US (60/289,132) 2001-05-08

[21] **2,446,322**
[13] A1

[51] **Int.Cl. 7C07K 7/64 7A61P 31/00 7A61K 38/12 7C07K 5/12 7G01N 33/50**
[25] EN
[54] **ANTI-MICROBIAL PEPTIDES AND COMPOSITIONS**
[54] **PEPTIDES ANTIMICROBIENS ET COMPOSITIONS**
[72] KIM, HUI-SUN, US
[72] GHADIRI, M. REZA, US
[72] WILCOXEN, KEITH, US
[72] FERNANDEZ-LOPEZ, SARA, US
[71] THE SCRIPPS RESEARCH INSTITUTE, US
[85] 2003-11-04
[86] 2002-05-06 (US2002014329)
[87] 2002-11-14 (2002090503)
[30] US (60/288,990) 2001-05-04

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[13] A1

[51] **Int.Cl. 7A61K 39/395**
[25] EN
[54] **METHOD OF PREVENTING CELL DEATH USING ANTIBODIES TO NEURAL THREAD PROTEINS**
[54] **PROCEDE POUR PREVENIR LA MORT CELLULAIRE A L'AIDE D'ANTICORPS AGISSANT A L'ENCONTRE DE PROTEINES FILAMENTEUSES NERVEUSES**
[72] AVERBACK, PAUL A., CA
[71] NYMOX CORPORATION, CA
[85] 2003-10-30
[86] 2002-05-06 (CA2002000681)
[87] 2002-11-14 (2002089841)
[30] US (60/288,463) 2001-05-04

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[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 15/29 7C12N 15/63**
[25] EN
[54] **COMBINATIONS OF GENES FOR PRODUCING SEED PLANTS EXHIBITING MODULATED REPRODUCTIVE DEVELOPMENT**
[54] **COMBINAISONS DE GENES POUR PRODUIRE DES PLANTES A FLEURS A DEVELOPPEMENT DE REPRODUCTION MODULE**
[72] YANOFSKY, MARTIN F., US
[72] PELAZ, SORAYA, ES
[72] DITTA, GARY, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2003-11-04
[86] 2002-05-08 (US2002014719)
[87] 2003-03-06 (2003017751)
[30] US (09/853,450) 2001-05-09

[21] **2,446,560**
[13] A1

[51] **Int.Cl. 7F16L 59/065 7F16L 59/14**
[25] EN
[54] **SYSTEM FOR THERMALLY INSULATING TUBULAR BODIES**
[54] **SYSTEME D'ISOLATION THERMIQUE DE CORPS TUBULAIRES**
[72] MANINI, PAOLO, IT
[72] DI GREGORIO, PIERATTILIO, IT
[71] SAES GETTERS S.P.A., IT
[85] 2003-11-06
[86] 2002-06-25 (IT2002000417)
[87] 2003-01-23 (2003006871)
[30] IT (MI01A001458) 2001-07-09

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[25] EN
[54] **REAGENTS AND METHODS FOR MODULATING DKK-MEDIATED INTERACTIONS**
[54] **REACTIFS ET PROCEDES DESTINES A MODULER DES INTERACTIONS INDUITES PAR DKK**
[72] ANISOWICZ, ANTHONY, US
[72] ROBINSON, JOHN ALLEN, US
[72] DAMAGNEZ, VERONIQUE, US
[72] ALLEN, KRISTINA, US
[72] BHAT, BHEEM M., US
[72] YAWORSKY, PAUL J., US
[71] GENOME THERAPEUTICS CORPORATION, US
[71] WYETH COMPANY, US
[85] 2003-11-07
[86] 2002-05-17 (US2002015982)
[87] 2002-11-21 (2002092015)
[30] US (60/291,311) 2001-05-17
[30] US (60/353,058) 2002-02-01
[30] US (60/361,293) 2002-03-04

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[13] A1
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[25] EN
[54] **HBM VARIANTS THAT MODULATE BONE MASS AND LIPID LEVELS**
[54] **VARIANTES DU HBM MODULANT LES NIVEAUX DE MASSE OSSEUSE ET DE LIPIDES**
[72] ANISOWICZ, ANTHONY, US
[72] ALLEN, KRISTINA, US
[72] GRAHAM, JAMES R., US
[72] YAWORSKY, PAUL J., US
[72] MORALES, ARTURO, US
[72] LIU, WEI, US
[71] GENOME THERAPEUTICS CORPORATION, US
[71] WYETH COMPANY, US
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[54] **METHOD OF MODULATING THE ACTIVITY OF CALCIUM CHANNELS IN CARDIAC CELLS AND REAGENTS THEREFOR**
[54] **PROCEDE DE MODULATION DE L'ACTIVITE DES CANAUX CALCIQUES DANS DES CELLULES CARDIAQUES ET REACTIFS POUR LA MISE EN OEUVRE DE CE PROCEDE**
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[72] CASAROTTO, MARCO GIOVANI, AU
[71] THE AUSTRALIAN NATIONAL UNIVERSITY, AU
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[71] VERTEX PHARMACEUTICALS INCORPORATED, US
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[54] **DELIVRANCE CONTROLEE DE COMPOSES DE TETRACYCLINE ET DE DERIVES DE TETRACYCLINE**
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[54] **METHODS FOR TREATING LIVER DISEASE AND LIVER DAMAGE WITH GROWTH HORMONE AND FOXM1B**
[54] **METHODES DE TRAITEMENT DES MALADIES DU FOIE A L'AIDE DE L'HORMONE DE CROISSANCE ET DE LA PROTEINE FOXM1B**

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[72] WANG, XINHE, US
[75] KRUPCZAK-HOLLIS, KATHERINE, US
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[54] **GENERATEUR D'IONS ET APPAREIL DE CLIMATISATION**

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[72] FURUHASHI, KENJI, JP
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[54] **DIAGNOSTIC ET TRAITEMENT DE TUMEURS MALIGNES**

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[72] DEUTCH, ALAN H., US
[72] WANDS, JACK R., US
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[54] **METHOD AND DEVICE FOR MASTERING A COPY-PROTECTED OPTICAL DISC AND COPY-PROTECTED OPTICAL DISC**

[72] GODMER, GERARD, FR
[72] GUENERY, LAURENT, FR
[72] PIROT, FRANCOIS-XAVIER, FR
[72] DUHAMEL, JEAN-LOUIS, FR
[72] DE MAGNIENVILLE, SYLVIN, FR
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[13] A1

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[72] CHEONG, DAN DAEWEON, CA
[71] IFIRE TECHNOLOGY INC., CA
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[13] A1

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[54] **ENSEMBLE PROTECTEUR D'AIGUILLE A PROTECTEUR D'AIGUILLE ARTICULE**
[72] NEWBY, C. MARK, US
[72] HWANG, CHARLES G., US
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[13] A1

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[25] EN
[54] **SYSTEM AND METHOD FOR CURRENCY SELECTABLE STORED VALUE INSTRUMENT**
[54] **SYSTEME ET PROCEDE POUR INSTRUMENT A VALEUR STOCKEE, DONT LA MONNAIE PEUT ETRE SELECTIONNEE**
[72] ALARCON-LUTHER, MELISSA, US
[72] FELLNER, DEBRA C., US
[72] GRIFFIN, GINGER, US
[72] MESROBIAN, PETER MARK, US
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[72] BAUMAN, RICHARD FRANK, US
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[54] **MECANISME DE GUIDAGE POUR PERCEUSE MECANIQUE**
[72] SZOMMER, HARRY WALTER PAUL, AU
[72] BROWN, WARREN GIBSON JAMES, AU
[72] GERHARDT, GRAHAM PATRICK, AU
[71] HILLS INDUSTRIES LIMITED, AU
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[54] **WOVEN MATERIALS WITH INCORPORATED PARTICLES AND PROCESSES FOR THE PRODUCTION THEREOF**
[54] **MATIERES TISSEES COMPRENANT DES PARTICULES INCORPOREES ET PROCEDES DE FABRICATION DE CES MATIERES TISSEES**
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[72] HAGGQUIST, GREGORY W., US
[71] TRAPTEK LLC, US
[71] PURIFICATION PRODUCTS LIMITED, GB
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[30] CA (2,348,799) 2001-05-22

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[54] **ENSEMBLE GOUPILLE DE DEVERROUILLAGE POUR AUVENT**
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[71] CARAVAN CANOPY INTERNATIONAL, INC., US
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[72] GOW, PHILIPPE, US
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[54] **SYSTEME ET PROCEDE DE COMMUNICATION**
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[54] **DERIVES SUBSTITUES DE C-FURAN-2-YL-METHYLAMINE ET C-THIOPHEN-2-YL-METHYLAMINE**
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[30] DE (101 25 145.9) 2001-05-22

[21] **2,448,054**
[13] A1

[51] **Int.Cl. 7F16D 43/284**
[25] EN
[54] **SPEED DIFFERENTIAL-DEPENDENT HYDRAULIC CLUTCH WITH A CONTROL VALVE**
[54] **EMBRAYAGE HYDRAULIQUE DEPENDANT DE LA DIFFERENCE DE REGIME, MUNI D'UNE SOUPEPE DE COMMANDE**
[72] GRATZER, FRANZ, AT
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[71] MAGNA STEYR POWERTRAIN AG & CO KG, AT
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[30] AT (GM 249/2001) 2001-04-02

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[13] A1

[51] **Int.Cl. 7A61H 31/00**
[25] EN
[54] **CPR ASSIST DEVICE WITH PRESSURE BLADDER FEEDBACK**
[54] **APPAREIL D'AIDE A LA REANIMATION CARDIO-PULMONAIRE MUNI D'UN REGULATEUR A VESSIE SOUS PRESSION**
[72] MINER, CAMERON, US
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[72] MOLLENAUER, KENNETH H., US
[71] REVIVANT CORPORATION, US
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[87] 2002-12-05 (2002096343)
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[25] EN
[54] **TOPICAL COMPOSITION COMPRISING AN ACTIVATED, TRANS-STRUCTURED COSMETIC BONDING AGENT**
[54] **COMPOSITION TOPIQUE COMPRENANT UN AGENT COLLANT COSMETIQUE TRANS-STRUCTURE, ACTIVE**
[72] MORRISSEY, CHRISTOPHER TODD, US
[72] BEKELE, HAIMANOT, US
[72] MOTLEY, CURTIS BOBBY, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[87] 2002-12-05 (2002096372)
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[13] A1

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[25] EN
[54] **TOPICAL COSMETIC COMPOSITION COMPRISING AN ALPHA-BETA-UNSATURATED ESTER AS BONDING AGENT**
[54] **COMPOSITION TOPIQUE COMPRENANT UN AGENT COLLANT COSMETIQUE SUBSTITUE**
[72] BEKELE, HAIMANOT, US
[72] MOTLEY, CURTIS BOBBY, US
[72] MORRISSEY, CHRISTOPHER TODD, US
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[87] 2002-12-05 (2002096373)
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[72] ONUKI, YOICHI, JP
[72] OKADA, MINORU, JP
[71] SSP CO., LTD., JP
[71] MITSUBISHI PHARMA CORPORATION, JP
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[30] JP (2001-156853) 2001-05-25

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[13] A1

[51] **Int.Cl. 7C07K 1/00**
[25] EN
[54] **THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHODS OF USE**
[54] **POLYPEPTIDES THERAPEUTIQUES, ACIDES NUCLEIQUES CODANT CES POLYPEPTIDES ET PROCEDES D'UTILISATION**
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[72] CASMAN, STACIE J., US
[72] MALYANKAR, URIEL M., US
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[72] GORMAN, LINDA, US
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[72] MILLET, ISABELLE, US
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[72] VERNET, CORINE A. M., US
[72] PENA, CAROL E. A., US
[72] RASTELLI, LUCA, US
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[30] US (60/296,404) 2001-06-06
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[30] US (60/311,972) 2001-08-13
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[30] US (60/322,706) 2001-09-17
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[30] US (60/363,673) 2002-03-12
[30] US (60/363,676) 2002-03-12
[30] US (10/162,335) 2002-06-03

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[51] **Int.Cl. 7A61L 2/07 7B65D 51/00 7A61M 5/00 7A61L 2/06 7A61M 5/178 7A61L 2/18 7A61L 2/20 7A61L 2/26 7A61M 5/32**
[25] EN
[54] **SEALING ELEMENT**
[54] **ELEMENT DE FERMETURE**
[72] GLOCKER, JOACHIM, DE
[72] VETTER, UDO J., DE
[72] SCHWARZ, WALTER, DE
[71] ARZNEIMITTEL GMBH APOTHEKER VETTER & CO., DE
[85] 2003-11-24
[86] 2002-05-18 (EP2002005505)
[87] 2002-12-12 (2002098470)
[30] DE (101 27 779.2) 2001-06-01

[21] **2,448,087**
[13] A1

[51] **Int.Cl. 7B60C 23/04**
[25] FR
[54] **ENSEMBLE A ROUE EQUIPE D'UN CAPTEUR DE PRESSION**
[54] **WHEEL ARRANGEMENT HAVING A PRESSURE SENSOR**
[72] GAUTIER, ANTOINE, FR
[72] PRADIER, JEAN-CLAIR, FR
[71] MESSIER-BUGATTI, FR
[85] 2003-11-24
[86] 2002-05-24 (FR2002001758)
[87] 2002-12-05 (2002096681)
[30] FR (01/07182) 2001-05-31

[21] **2,448,124**
[13] A1

[51] **Int.Cl. 7B23P 21/00 7B62D 65/10**
[25] EN
[54] **WORK-ASSEMBLING AUXILIARY DEVICE, AND WORK-ASSEMBLING PROCESS**
[54] **APPAREIL D'ASSEMBLAGE AUXILIAIRE ET PROCEDE CORRESPONDANT**
[72] TATEISHI, TAKEYA, JP
[72] YOKOMUKAI, TAKU, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[85] 2003-11-26
[86] 2001-09-04 (JP2001007654)
[87] 2002-12-12 (2002098602)
[30] JP (2001-162355) 2001-05-30

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[21] **2,448,153**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **MEANS AND METHODS FOR IDENTIFYING GENES AND PROTEINS INVOLVED IN THE PREVENTION AND/OR REPAIR OF A REPLICATION ERROR**
[54] **ORGANES ET METHODES D'IDENTIFICATION DE GENES ET DE PROTEINES IMPLIQUES DANS LA PREVENTION ET/OU LA REPARATION D'UNE ERREUR DE REPLICATION**
[72] TIJSTERMAN, MARCEL, NL
[72] PLASTERK, RONALD H. A., NL
[71] KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN, NL
[85] 2003-11-21
[86] 2002-05-22 (NL2002000322)
[87] 2002-11-28 (2002095071)
[30] EP (01201936.0) 2001-05-22

[21] **2,448,163**
[13] A1

[51] **Int.Cl. 7B29C 47/06 7B29C 47/20**
[25] EN
[54] **DEVICE FOR PRODUCING DOUBLE- WALLED CORRUGATED PIPES**
[54] **DISPOSITIF DE REALISATION DE TUBES ONDULES A DOUBLE PAROI**
[72] NEUBAUER, GERHARD, DE
[71] UNICOR GMBH RAHN PLASTMASCHINEN, DE
[85] 2003-10-06
[86] 2002-03-11 (DE2002000846)
[87] 2002-10-17 (2002081178)
[30] DE (101 17 126.9) 2001-04-06

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[13] A1

[51] **Int.Cl. 7G01N 33/68 7G01N 33/569**
[25] EN
[54] **METHOD FOR IDENTIFYING MICRO-ORGANISMS USING MASS SPECTROMETRY**
[54] **IDENTIFICATION DE MICRO-ORGANISMES**
[72] TITBALL, RICHARD WILLIAM, GB
[72] DESPEYROUX, DOMINIQUE, GB
[71] THE SECRETARY OF STATE FOR DEFENCE INTELLECTUAL PROPERTY RIGHTS GROUP, GB
[85] 2003-11-20
[86] 2002-05-22 (GB2002002208)
[87] 2002-11-28 (2002095416)
[30] GB (0112428.8) 2001-05-22

[21] **2,448,191**
[13] A1

[51] **Int.Cl. 7C07D 491/14 7C07D 491/04 7C07D 497/14**
[25] FR
[54] **NOUVEAUX DERIVES TRICYCLIQUES DE DIHYDRO-QUINOLEINES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[54] **TRICYCLIC DIHYDRO-QUINOLINE DERIVATIVES, METHOD FOR PREPARING SAME AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME**
[72] PFEIFFER, BRUNO, FR
[72] KRAUS-BERTHIER, LAURENCE, FR
[72] PIERRE, ALAIN, FR
[72] RENARD, PIERRE, FR
[72] GIORGI-RENAULT, SYLVIANE, FR
[72] DESBENE, STEPHANIE, FR
[72] HUSSON, HENRI-PHILIPPE, FR
[71] LES LABORATOIRES SERVIER, FR
[85] 2003-11-24
[86] 2002-05-22 (FR2002001715)
[87] 2002-11-28 (2002094835)
[30] FR (01/06792) 2001-05-23

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[13] A1

[51] **Int.Cl. 7C07D 495/04 7C07D 471/04 7C07D 491/04 7C07F 9/6561**
[25] FR
[54] **DERIVES TRICYCLIQUES DE DIHYDROQUINOLEINES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT**
[54] **TRICYCLIC DIHYDRO-QUINOLINE DERIVATIVES, METHOD FOR PREPARING SAME AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME**
[72] GIORGI-RENAULT, SYLVIANE, FR
[72] RENARD, PIERRE, FR
[72] HUSSON, HENRI-PHILIPPE, FR
[72] HICKMAN, JOHN, FR
[72] PIERRE, ALAIN, FR
[72] DESBENE, STEPHANIE, FR
[72] PFEIFFER, BRUNO, FR
[72] KRAUS-BERTHIER, LAURENCE, FR
[71] LES LABORATOIRES SERVIER, FR
[85] 2003-11-24
[86] 2002-05-22 (FR2002001716)
[87] 2002-11-28 (2002094840)
[30] FR (01/06791) 2001-05-23

[21] **2,448,211**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12Q 1/04 7C12P 19/34 7C12Q 1/48**
[25] EN
[54] **NUCLEIC ACID DETECTION METHOD**
[54] **SYSTEME DE DETECTION**
[72] LEE, MARTIN ALAN, GB
[71] THE SECRETARY OF STATE OF DEFENCE, GB
[85] 2003-11-24
[86] 2002-05-24 (GB2002002443)
[87] 2002-12-05 (2002097132)
[30] GB (0112868.5) 2001-05-25

[21] **2,448,301**
[13] A1

[51] **Int.Cl. 7G07F 7/10 7G07F 7/08**
[25] EN
[54] **ELECTRONIC PAYMENT TERMINAL, SMART CARD ADAPTED TO SUCH A TERMINAL AND METHOD FOR LOADING A SECRET KEY IN SUCH A TERMINAL**
[54] **TERMINAL ELECTRONIQUE DE PAIEMENT, CARTE A PUCE ADAPTEE A UN TEL TERMINAL ET PROCEDE DE CHARGEMENT D'UNE CLE SECRETE DANS UN TEL TERMINAL**
[72] QUESSELAIRE, DOMINIQUE, FR
[71] SCHLUMBERGER SYSTEMES, FR
[85] 2003-11-25
[86] 2002-05-27 (FR2002001766)
[87] 2002-12-05 (2002097747)
[30] FR (01/07204) 2001-05-31

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[21] **2,448,319**
[13] A1

[51] **Int.Cl. 7C07D 487/04 7A61K 31/404**
[25] EN
[54] **CYTOTOXINS, PRODRUGS, LINKERS AND STABILIZERS USEFUL THEREFOR**
[54] **CYTOTOXINES, PROMEDICAMENTS, LIEURS ET STABILISATEURS UTILES POUR CEUX-CI**
[72] YARRANTON, GEOFFREY THOMAS, US
[72] MOORE, JIMMIE, US
[72] ASTAFIEVA, IRINA, US
[72] LI, ZHIHONG, US
[72] KING, DAVID J., US
[72] MARTICHONOK, VALERI, US
[72] GANGWAR, SANJEEV, US
[72] LOBL, THOMAS J., US
[72] SAUNDERS, OLIVER L., US
[72] BOYD, SHARON, US
[72] MCGEE, DANNY P., C., US
[72] NG, HOWARD P., US
[72] WU, GUOXIAN, US
[71] MEDAREX, INC., US
[85] 2003-11-24
[86] 2002-05-31 (US2002017210)
[87] 2002-12-05 (2002096910)
[30] US (60/295,196) 2001-05-31
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[30] US (60/304,908) 2001-07-11

[21] **2,448,323**
[13] A1

[51] **Int.Cl. 7A01H 5/00 7C07H 21/04 7C12N 5/14 7C12N 15/29 7C12N 15/52 7C12N 15/82**
[25] EN
[54] **TOBACCO BIOMASS UTILIZATION**
[54] **UTILISATION DE BIOMASSE DE TABAC**
[72] PANDOLFINO, JOSEPH, US
[71] 22ND CENTURY LIMITED, LLC, US
[85] 2003-11-24
[86] 2002-06-05 (US2002017706)
[87] 2002-12-12 (2002098208)
[30] US (60/296,347) 2001-06-06

[21] **2,448,330**
[13] A1

[51] **Int.Cl. 7C09J 161/08 7C08J 3/00 7C08L 51/00 7C08K 5/01 7B32B 9/04 7C08K 5/05 7C08K 5/06 7C08L 91/06 7B32B 21/08 7C08L 91/08 7C08K 5/09 7C08K 5/10 7C08K 3/20 7B32B 27/42**
[25] EN
[54] **NOVEL PHENOL-ALDEHYDE/WAX EMULSION ADHESIVE**
[54] **ADHESIF A EMULSION A BASE DE PHENOL-ALDEHYDE/CIRE**
[72] LEEPER, DALE, US
[72] STRATTON, RICHARD, US
[72] PHILLIPS, EARL K., US
[71] BORDEN CHEMICAL, INC., US
[85] 2003-11-24
[86] 2002-06-13 (US2002018824)
[87] 2002-12-27 (2002102915)
[30] US (60/298,125) 2001-06-15

[21] **2,448,339**
[13] A1

[51] **Int.Cl. 7H02G 3/22 7F16L 37/12**
[25] EN
[54] **EASY MOUNT CONNECTOR**
[54] **CONNECTEUR A MONTAGE FACILE**
[72] MORYKON, PETER M., US
[72] MANN, WILLIAM D., US
[71] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, US
[85] 2003-11-24
[86] 2002-06-04 (US2002017692)
[87] 2002-12-19 (2002101899)
[30] US (09/876,493) 2001-06-08

[21] **2,448,340**
[13] A1

[51] **Int.Cl. 7H01Q 1/20 7A22B 5/00 7A22B 7/00**
[25] EN
[54] **LIVESTOCK PROCESSING ANTENNA**
[54] **ANTENNE POUR LE TRAITEMENT DU BETAIL**
[72] FINLAYSON, JOHN DOUGLAS FRANK, AU
[71] ALEIS TRAKIT PTY LTD, AU
[85] 2003-11-24
[86] 2002-05-22 (AU2002000627)
[87] 2002-12-05 (2002097914)
[30] AU (PR 5248) 2001-05-25

[21] **2,448,354**
[13] A1

[51] **Int.Cl. 7G01N 27/00**
[25] EN
[54] **MULTI-BURNER FLAME IONIZATION COMBUSTION CHAMBER**
[54] **CHAMBRE DE COMBUSTION PAR IONISATION DE FLAMME, COMPORTANT PLUSIEURS BRULEURS**
[72] CHIEN, PO, US
[72] STEPHANOS, STEPHEN, US
[71] ROSEMOUNT ANALYTICAL, INC., US
[85] 2003-11-24
[86] 2002-05-24 (US2002016721)
[87] 2002-11-28 (2002095384)
[30] US (09/864,886) 2001-05-24

[21] **2,448,355**
[13] A1

[51] **Int.Cl. 7G01N 33/574**
[25] EN
[54] **METHOD OF DETECTING AND MONITORING PROSTATE AND OVARIAN CANCERS**
[54] **METHODE DE DETECTION ET DE SURVEILLANCE DES CANCERS DE LA PROSTATE ET DE L'OVAIRE**
[72] DIAMANDIS, ELEFTHERIOS, CA
[71] MOUNT SINAI HOSPITAL, CA
[85] 2003-11-24
[86] 2002-05-24 (CA2002000770)
[87] 2002-12-05 (2002097438)
[30] US (60/293,482) 2001-05-25
[30] US (60/324,350) 2001-09-24

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[21] **2,448,363**
[13] A1

[51] **Int.Cl. 7A61K 31/46 7A61P 11/06 7A61P 11/08 7A61K 31/437 7A61K 9/72**
[25] EN
[54] **COMBINATION OF A PDE4 INHIBITOR AND TIOTROPIUM OR DERIVATE THEREOF FOR TREATING OBSTRUCTIVE AIRWAYS**
[54] **COMBINAISON D'UN INHIBITEUR DE PDE4 ET DE TIOTROPIUM OU D'UN DERIVE DE CE DERNIER DESTINEE AU TRAITEMENT DES MALADIES OBSTRUCTIVES DES VOIES AERIENNES ET D'AUTRES MALADIES INFLAMMATOIRES**
[72] YEADON, MICHAEL, GB
[72] ARMSTRONG, ROISIN A., US
[72] WATSON, JOHN W., US
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
[85] 2003-11-24
[86] 2002-05-23 (EP2002005643)
[87] 2002-12-05 (2002096423)
[30] US (60/293,555) 2001-05-25
[30] US (60/303,845) 2001-07-09

[21] **2,448,366**
[13] A1

[51] **Int.Cl. 7A61M 35/00**
[25] EN
[54] **DRY HANDLE SWAB ASSEMBLY**
[54] **ENSEMBLE ECOUVILLON SEC DOTE D'UN MANCHE**
[72] ROWE, JOHN, US
[71] ZILA, INC., US
[85] 2003-11-24
[86] 2001-11-27 (US2001044653)
[87] 2002-11-28 (2002094367)
[30] US (09/866,302) 2001-05-24

[21] **2,448,368**
[13] A1

[51] **Int.Cl. 7B26F 1/40 7B26D 5/10 7B26D 7/26 7B26F 1/36**
[25] EN
[54] **DIE CUTTING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE DECOUPAGE A LA FORME**
[72] HIXON, NATASHA P., US
[72] HIXON, MARK A., US
[71] QUICKUTZ, INC., US
[85] 2003-11-24
[86] 2002-05-23 (US2002016358)
[87] 2002-11-28 (2002094515)
[30] US (09/864,723) 2001-05-23

[21] **2,448,370**
[13] A1

[51] **Int.Cl. 7C09B 57/00 7C09K 11/00 7G01N 33/533 7C07D 277/56 7G01N 33/58**
[25] EN
[54] **LUCIFERIN HYDRAZIDES**
[54] **LUCIFERINE HYDRAZIDES**
[72] HEINDL, DIETER, DE
[72] HERRMANN, RUPERT, DE
[72] KLAUSE, URSULA, DE
[72] HUBER, ERASMUS, DE
[72] JOSEL, HANS-PETER, DE
[72] SIMON, OLIVER, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2003-11-24
[86] 2002-05-28 (EP2002005854)
[87] 2002-12-12 (2002099428)
[30] EP (01112879.0) 2001-06-01
[30] EP (02003166.2) 2002-02-15

[21] **2,448,372**
[13] A1

[51] **Int.Cl. 7B60N 2/235**
[25] EN
[54] **FOLD-FLAT SEAT RECLINING AND LOCKING MECHANISM**
[54] **MECANISME DE VERROUILLAGE ET D'INCLINAISON DE SIEGE PLIABLE A PLAT**
[72] GRAY, LARRY, US
[71] PORTER ENGINEERED SYSTEMS, INC., US
[85] 2003-11-24
[86] 2002-05-17 (US2002015763)
[87] 2002-11-28 (2002094607)
[30] US (09/863,915) 2001-05-23

[21] **2,448,439**
[13] A1

[51] **Int.Cl. 7C08J 3/20 7G02B 1/00 7C08K 3/00 7C08K 5/00 7C09K 3/00 7C08L 67/00 7C08L 69/00 7C08K 3/04 7B32B 27/18 7C08J 5/18 7C08K 5/3467**
[25] EN
[54] **COLOR STABLE PIGMENTED POLYMERIC FILMS HAVING DYES FOR COLOR ADJUSTMENT**
[54] **FILMS POLYMERES PIGMENTES DE COULEUR STABLE COMPRENANT DES COLORANTS DESTINES A ADAPTER LA COULEUR**
[72] SCHAEFFER, MARK N., US
[72] MCGURRAN, DANIEL J., US
[72] OLSON, JAMES A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-11-25
[86] 2002-03-14 (US2002007601)
[87] 2002-12-12 (2002098959)
[30] US (09/872,532) 2001-06-01

[21] **2,448,440**
[13] A1

[51] **Int.Cl. 7C08L 53/02 7G02F 1/01 7C09J 153/02 7G02F 1/161**
[25] EN
[54] **COMPOSITION AND PROCESS FOR THE SEALING OF MICROCUPS IN ROLL-TO-ROLL DISPLAY MANUFACTURING**
[54] **COMPOSITION ET PROCEDE D'ETANCHEISATION DE MICROCOUPELLES DANS LA FABRICATION D'AFFICHAGES CONTINUE A ROULEAUX ROLL-TO-ROLL**
[72] LIANG, RONG-CHANG, US
[72] WANG, XIAOJIA, US
[72] ZANG HONGMEI, US
[71] SIPIX IMAGING, INC., US
[85] 2003-11-25
[86] 2002-06-03 (US2002017632)
[87] 2002-12-12 (2002098977)
[30] US (09/874,391) 2001-06-04

[21] **2,448,441**
[13] A1

[51] **Int.Cl. 7C09B 67/00 7C11C 3/00 7C09D 11/00 7C07C 69/003 7C07C 69/30 7C07C 69/58 7C07C 69/67 7C07C 69/73**
[25] EN
[54] **LIQUID COLOUR COMPOSITIONS WITH ACYLGLYCEROLS AS DISPERSANTS**
[54] **COMPOSITIONS LIQUIDE CHROMATIQUE COMPRENANT COMME DISPERSANTS DES ACYLGLYCEROLS**
[72] NIELSEN, BJARNE, DK
[72] SPARSO, FLEMMING VANG, DK
[71] DANISCO A/S, DK
[85] 2003-11-25
[86] 2002-06-06 (IB2002003271)
[87] 2002-12-12 (2002098987)
[30] US (60/296,391) 2001-06-06
[30] GB (0119340.8) 2001-08-08

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[21] **2,448,453**
[13] A1

[51] **Int.Cl. 7H04B 3/54 7H04B 17/00 7H04J 11/00**
[25] EN
[54] **COMMUNICATION OPTIMISATION METHOD FOR A MULTI-USER OFDM DIGITAL TRANSMISSION SYSTEM USING THE ELECTRICAL NETWORK**
[54] **PROCEDE D'OPTIMISATION DE LA COMMUNICATION POUR SYSTEME DE TRANSMISSION NUMERIQUE OFDM MULTI-UTILISATEURS SUR RESEAU ELECTRIQUE**
[72] FOUREN, NILS HAKAN, ES
[72] JIMENEZ MARQUINA, FRANCISCO JAVIER, ES
[72] GOMEZ MARTINEZ, FELICIANO, ES
[72] RAMIRO MANZANO, ANGEL, ES
[72] ARLANDIS MALONDA, DIEGO, ES
[72] PARDO VIDAL, CARLOS, ES
[72] BADENES CORELLA, AGUSTIN, ES
[72] TORRES CANTON, LUIS MANUEL, ES
[72] GARCIA SAN JOSE, AITOR, ES
[72] BLASCO ABRIL, FRANCISCO JOSE, ES
[72] RIVEIRO INSUA, JUAN CARLOS, ES
[72] BLASCO CLARET, JORGE VICENTE, ES
[71] DISEÑO DE SISTEMAS EN SILICIO, S.A., ES
[85] 2003-11-24
[86] 2002-05-23 (ES2002000245)
[87] 2002-11-28 (2002095978)
[30] ES (P 200101216) 2001-05-25

[21] **2,448,454**
[13] A1

[51] **Int.Cl. 7G07F 17/32 7G06F 17/60**
[25] EN
[54] **GAMING MACHINES AND SYSTEMS OFFERING SIMULTANEOUS PLAY OF MULTIPLE GAMES AND METHODS OF GAMING**
[54] **MACHINES DE JEU ET SYSTEMES OFFRANT UNE PARTIE SIMULTANEE DE MULTIPLES JEUX ET PROCEDES DE JEUX**
[72] O'DONOVAN, JOHN P., US
[72] CANNON, LEE E., US
[71] IGT, US
[85] 2003-11-24
[86] 2002-05-24 (US2002016514)
[87] 2002-12-12 (2002099760)
[30] US (09/872,489) 2001-06-01

[21] **2,448,455**
[13] A1

[51] **Int.Cl. 7G06F 19/00**
[25] EN
[54] **MULTIPLE DENOMINATION CURRENCY RECEIVING AND PREPAID CARD DISPENSING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION DE CARTES PREPAYEES ET DE RECEPTION DE DEVICES A DENOMINATIONS MULTIPLES**
[72] KNOX, DAVID, US
[72] EMANUEL, JOSH, US
[71] DATAWAVE SYSTEMS, INC., CA
[85] 2003-11-25
[86] 2002-05-22 (US2002016143)
[87] 2002-12-12 (2002099561)
[30] US (60/295,439) 2001-06-01
[30] US (09/939,940) 2001-08-27

[21] **2,448,456**
[13] A1

[51] **Int.Cl. 7A61K 31/165 7A61K 9/16 7A61K 9/20**
[25] EN
[54] **SOLID PHARMACEUTICAL FORMULATIONS COMPRISING MODAFINIL**
[54] **PREPARATIONS PHARMACEUTIQUES SOLIDES COMPRENANT DU MODAFINIL**
[72] CORVARI, VINCENT, US
[72] PARIKH, ALPA, US
[72] GRANDOLFI, GEORGE, US
[71] CEPHALON, INC., US
[85] 2003-11-24
[86] 2002-05-24 (US2002016369)
[87] 2002-12-05 (2002096401)
[30] US (60/293,695) 2001-05-25
[30] US (10/155,913) 2002-05-23

[21] **2,448,485**
[13] A1

[51] **Int.Cl. 7B24C 3/00**
[25] EN
[54] **CERAMIC BLASTING APPARATUS AND METHOD TO PREVENT GEAR PITTING**
[54] **DISPOSITIF DE GRENAILLAGE A LA CERAMIQUE ET PROCEDE PERMETTANT DE PREVENIR LA CORROSION PAR PIQURE**
[72] WERN, MICHAEL J., US
[71] ENGINEERED ABRASIVES, INC., US
[85] 2003-11-24
[86] 2002-05-24 (US2002016723)
[87] 2002-12-05 (2002096602)
[30] US (09/866,462) 2001-05-25

[21] **2,448,486**
[13] A1

[51] **Int.Cl. 7F04D 13/02 7F04D 29/04 7F04D 13/08 7F04D 29/62**
[25] EN
[54] **MODULAR SUBMERSIBLE PUMP**
[54] **POMPE MODULAIRE SUBMERSIBLE**
[72] NAGLE, JAMES, US
[71] NAGLE, JAMES, US
[85] 2003-11-25
[86] 2002-05-14 (US2002015177)
[87] 2002-12-05 (2002097276)
[30] US (09/867,231) 2001-05-29

[21] **2,448,487**
[13] A1

[51] **Int.Cl. 7H01H 33/66**
[25] EN
[54] **ELECTRICAL CIRCUIT INTERRUPTING DEVICE**
[54] **DISPOSITIF D'INTERRUPTION DE CIRCUITS ELECTRIQUES**
[72] QUALLS, MICHAEL R., US
[72] DAVIS, BRADLEY W., US
[72] RHEIN, DAVID A., US
[71] HUBBELL INCORPORATED, US
[85] 2003-11-25
[86] 2002-05-30 (US2002016966)
[87] 2002-12-12 (2002099826)
[30] US (60/294,583) 2001-06-01
[30] US (10/117,338) 2002-04-08

[21] **2,448,488**
[13] A1

[51] **Int.Cl. 7H01L 23/367 7H01L 23/467**
[25] EN
[54] **HEATSINK ASSEMBLY AND METHOD OF MANUFACTURING THE SAME**
[54] **ENSEMBLE RADIATEUR ET PROCEDE DE FABRICATION**
[72] LARSON, RALPH I., US
[71] HEAT TECHNOLOGY, INC., US
[85] 2003-11-25
[86] 2002-06-04 (US2002017687)
[87] 2002-12-12 (2002099881)
[30] US (60/295,932) 2001-06-05
[30] US (60/305,007) 2001-07-12
[30] US (60/369,726) 2002-04-04

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[21] **2,448,489**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04N 7/16**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING AND REDEEMING ELECTRONIC PAPERLESS COUPONS**
[54] **SYSTEME ET PROCEDE DE VENTE ET DE RACHAT DE COUPONS ELECTRONIQUES A L'ECRAN**
[72] SHEEHAN, PATRICK M., US
[71] ACTV, INC., US
[85] 2003-11-25
[86] 2002-05-23 (US2002016489)
[87] 2002-12-05 (2002097569)
[30] US (60/293,721) 2001-05-25
[30] US (10/154,337) 2002-05-22

[21] **2,448,490**
[13] A1

[51] **Int.Cl. 7G07C 9/00 7E05B 47/00 7E05C 19/16**
[25] EN
[54] **MAGNETIC LOCK DEVICE OPERATED BY MEANS OF TRANSPONDER**
[54] **DISPOSITIF A VERROUILLAGE MAGNETIQUE ACTIONNE PAR UN TRANSPONDEUR**
[72] PIRONE, WALTER, IT
[72] TONI, MAURO, IT
[72] ZENOBI, MAURO, IT
[71] ANGELANTONI INDUSTRIE S.P.A., IT
[85] 2003-11-24
[86] 2002-05-29 (IB2002001882)
[87] 2002-12-05 (2002097741)
[30] IT (B02001A000343) 2001-05-29

[21] **2,448,493**
[13] A1

[51] **Int.Cl. 7A61B 17/56**
[25] EN
[54] **INTERVERTEBRAL DIAGNOSTIC AND MANIPULATION DEVICE**
[54] **DISPOSITIF DE MANIPULATION ET DIAGNOSTIC POUR DISQUES INTERVERTEBRAUX**
[72] EINHORN, JACOB, US
[72] VIDAL, CLAUDE A., US
[72] REDMOND, RUSSEL J., US
[72] LAMBRECHT, GREGORY H., US
[72] MOORE, ROBERT KEVIN, US
[72] BANKS, THOMAS, US
[71] INTRINSIC THERAPEUTICS, INC., US
[85] 2003-11-25
[86] 2002-06-13 (US2002019228)
[87] 2002-12-27 (2002102233)
[30] US (60/298,605) 2001-06-14
[30] US (10/020,507) 2001-12-11

[21] **2,448,495**
[13] A1

[51] **Int.Cl. 7B42F 15/00**
[25] EN
[54] **UPRIGHT FILE STORAGE UNIT**
[54] **UNITE DE RANGEMENT DE DOSSIERS VERTICALE**
[72] REDDIG, RALPH E., US
[71] HAWORTH, INC., US
[85] 2003-11-25
[86] 2002-06-07 (US2002018364)
[87] 2002-12-27 (2002102603)
[30] US (09/881,192) 2001-06-14

[21] **2,448,496**
[13] A1

[51] **Int.Cl. 7A61K 7/46**
[25] EN
[54] **STABLE TRANSPARENT PERFUMING EMULSION**
[54] **EMULSION PARFUMEE TRANSPARENTE ET STABLE**
[72] STORA, THIERRY, FR
[71] FIRMENICH SA, CH
[85] 2003-11-24
[86] 2002-05-29 (IB2002001964)
[87] 2002-12-19 (2002100372)
[30] IB (PCT/IB01/01018) 2001-06-11
[30] IB (PCT/IB01/01047) 2001-06-14

[21] **2,448,499**
[13] A1

[51] **Int.Cl. 7C07C 209/52 7C07C 211/42**
[25] EN
[54] **A NOVEL PROCESS FOR THE PREPARATION OF (IS-CIS)-4-(3, 4-DICHLOROPHENYL)-1, 2, 3, 4-TETRAHYDRO-N-METHYL-1-NAPHTHALENAMINE**
[54] **NOUVEAU PROCEDE POUR LA PREPARATION DE (IS-CIS)-4-(3,4-DICHLOROPHENYL)-1,2,3,4-TETRAHYDRO-N-METHYL-1-NAPHTALENAMINE**
[72] LAITINEN, ILPO, FI
[71] ORION CORPORATION FERMION, FI
[85] 2003-11-25
[86] 2002-06-14 (FI2002000518)
[87] 2002-12-27 (2002102761)
[30] US (60/298,088) 2001-06-15
[30] FI (20011271) 2001-06-15

[21] **2,448,503**
[13] A1

[51] **Int.Cl. 7B23K 13/08 7H05B 6/10**
[25] EN
[54] **IMPEDER FOR MANUFACTURING WELDED PIPE**
[54] **DISPOSITIF INHIBITEUR PERMETTANT DE FABRIQUER UN TUBE SOUDE**
[72] ARATANI, MASATOSHI, JP
[72] KONDO, OSAMU, JP
[72] TOYOOKA, TAKAAKI, JP
[72] ITADANI, MOTOAKI, JP
[72] OKABA, TAKATOSHI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2003-11-24
[86] 2001-08-02 (JP2001006662)
[87] 2003-02-20 (2003013777)

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[21] **2,448,509**
[13] A1

[51] **Int.Cl. 7C07D 211/48 7A61P 29/00 7C07D 401/12 7A61K 31/445 7A61K 31/454**
[25] EN
[54] **4-HYDROXYPIPERIDINE DERIVATIVES HAVING ANALGESIC ACTIVITY**
[54] **DERIVES DE 4-HYDROXYPIPERIDINE A ACTIVITE ANALGESIQUE**
[72] MOCHIZUKI, HIDENORI, JP
[72] YAMAMOTO, ICHIRO, JP
[72] AKADA, YASUSHIGE, JP
[72] SHIMOI, AKIHITO, JP
[72] MATSUURA, KAZUYUKI, JP
[72] SUZUKI, KAZUHIRO, JP
[72] KATO, KAZUO, JP
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP
[85] 2003-11-24
[86] 2002-05-17 (JP2002004815)
[87] 2002-12-05 (2002096875)
[80] JP (2001-157096) 2001-05-25

[21] **2,448,511**
[13] A1

[51] **Int.Cl. 7H04N 7/32**
[25] EN
[54] **IMAGE ENCODING METHOD AND IMAGE DECODING METHOD**
[54] **PROCEDES DE CODAGE ET DE DECODAGE D'IMAGE**
[72] KADONO, SHINYA, JP
[72] KONDO, SATOSHI, JP
[72] HAGAI, MAKOTO, JP
[72] ABE, KIYOFUMI, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2003-11-24
[86] 2003-04-10 (JP2003004539)
[87] 2003-10-23 (2003088678)
[30] JP (2002-112787) 2002-04-16
[30] US (60/377,638) 2002-05-06
[30] JP (2002-192533) 2002-07-01
[30] JP (2002-204718) 2002-07-12
[30] JP (2003-92490) 2003-03-28

[21] **2,448,518**
[13] A1

[51] **Int.Cl. 7C07C 313/02 7A61K 31/195**
[25] EN
[54] **NEW COMPOUNDS USEFUL IN REFLUX DISEASE**
[54] **NOUVEAUX COMPOSES UTILES DANS LES MALADIES A REFLUX**
[72] VON UNGE, SVERKER, SE
[72] SUNDEN, GUNNEL, SE
[72] LEHMANN, ANDERS, SE
[72] GEISS, WILLIAM, US
[72] FITZPATRICK, KEVIN, US
[71] ASTRAZENECA AB, SE
[85] 2003-11-24
[86] 2002-06-04 (SE2002001085)
[87] 2002-12-19 (2002100823)
[30] SE (0102056-9) 2001-06-08
[30] SE (0104342-1) 2001-12-20

[21] **2,448,521**
[13] A1

[51] **Int.Cl. 7H04B 1/10 7H04B 17/00**
[25] EN
[54] **METHODS AND SYSTEMS FOR REDUCING INTERFERENCE ACROSS COVERAGE CELLS**
[54] **PROCEDES ET SYSTEMES DESTINES A REDUIRE DES INTERFERENCES DANS DES CELLULES DE COUVERTURE**
[72] MOSHAVI, SHIMON, IL
[72] DEMERS, STEPHANIE, US
[72] ZABLOCKY, PAUL G., US
[71] TELCORDIA TECHNOLOGIES, INC., US
[85] 2003-11-24
[86] 2002-06-19 (US2002019550)
[87] 2002-12-27 (2002103920)
[30] US (09/884,637) 2001-06-19

[21] **2,448,523**
[13] A1

[51] **Int.Cl. 7C02F 1/04 7C10C 1/02**
[25] EN
[54] **METHOD FOR CLEANING TARBEARING WASTE WATER AND APPARATUS FOR PERFORMING SAID METHOD**
[54] **PROCEDE D'EPURATION DES EAUX RESIDUAIRES PORTEUSES DE GOUDRON ET APPAREIL POUR REALISER CE PROCEDE**
[72] NISSEN, THOMAS RITZ, DK
[71] BABCOCK & WILCOX VOLUND APS, DK
[85] 2003-11-25
[86] 2002-06-13 (DK2002000398)
[87] 2002-12-19 (2002100779)
[30] DK (PA 2001 00919) 2001-06-13

[21] **2,448,524**
[13] A1

[51] **Int.Cl. 7C01B 31/18**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCTION AND USE OF [11C] CARBON MONOXIDE IN LABELING SYNTHESIS**
[54] **PROCEDE ET APPAREIL DE PRODUCTION ET D'UTILISATION DE MONOXYDE DE CARBONE [11C] DANS LA SYNTHESE DE MARQUEURS**
[72] KIHLEBERG, TOR, SE
[72] LANGSTROEM, BENGT, SE
[71] AMERSHAM PLC, GB
[85] 2003-11-24
[86] 2002-06-19 (SE2002001222)
[87] 2002-12-27 (2002102711)
[30] SE (0102174-0) 2001-06-19

[21] **2,448,525**
[13] A1

[51] **Int.Cl. 7C07D 471/04 7C07D 519/00 7C07D 491/04 7C07D 498/04 7C07D 513/04**
[25] EN
[54] **NITROGEN-CONTAINING BICYCLIC HETEROCYCLES FOR USE AS ANTIBACTERIALS**
[54] **HETEROCYCLES BICYCLIQUES CONTENANT DE L'AZOTE ET UTILISES COMME PRODUITS ANTIBACTERIENS**
[72] DAVIES, DAVID THOMAS, GB
[72] BROOKS, GERALD, GB
[72] JONES, GRAHAM ELGIN, GB
[72] MARKWELL, ROGER EDWARD, GB
[72] PEARSON, NEIL DAVID, GB
[71] SMITHKLINE BEECHAM P.L.C., GB
[85] 2003-11-25
[86] 2002-05-24 (EP2002005708)
[87] 2003-10-23 (2003087098)
[30] GB (0112834.7) 2001-05-25

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[21] **2,448,526**
[13] A1

[51] **Int.Cl. 7C07D 401/12 7A61P 31/04 7A61K 31/4402**
[25] EN
[54] **N-FORMYL HYDROXYLAMINE COMPOUNDS AS INHIBITORS OF PDF COMPOSES DE N-FORMYLE HYDROXYLAMINE EN TANT QU'INHIBITEURS DE PEPTIDYLE DEFORMYLASE (PDF)**
[72] JACOBS, JEFFREY, US
[72] PATEL, DINESH V., US
[72] YUAN, ZHENGYU, US
[72] JAIN, RAKESH K., US
[72] GARCIA ALVAREZ, SALVADOR, US
[71] VICURON PHARMACEUTICALS INC., US
[85] 2003-11-24
[86] 2002-06-14 (EP2002006604)
[87] 2002-12-27 (2002102790)
[30] US (60/298,419) 2001-06-15
[30] US (60/360,313) 2002-02-27

[21] **2,448,527**
[13] A1

[51] **Int.Cl. 7A61B 8/10 7A61B 3/10 7A61B 3/107**
[25] EN
[54] **PRECISION ULTRASOUND MEASUREMENT FOR INTRAOCULAR LENS PLACEMENT**
[54] **PRISE DE MESURES DE PRECISION PAR ULTRASONS POUR LA MISE EN PLACE DES LENTILLES INTRAOCULAIRES**
[72] COLEMAN, D. JACKSON, US
[72] SILVERMAN, RONALD J., US
[72] RONDEAU, MARK J., US
[71] CORNELL RESEARCH FOUNDATION, INC., US
[85] 2003-11-25
[86] 2002-03-19 (US2002008817)
[87] 2002-09-26 (2002074248)
[30] US (60/277,061) 2001-03-20

[21] **2,448,528**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61P 35/00 7A61K 31/343 7A61K 31/395 7A61K 31/4164 7A61K 31/437 7A61K 31/495 7A61K 31/52 7A61K 31/53 7A61K 31/5517**
[25] FR
[54] **PRODUIT COMPRENANT DU MIKANOLIDE, DU DIHYDROMIKANOLIDE OU UN ANALOGUE DE CEUX-CI EN ASSOCIATION AVEC UN AUTRE AGENT ANTI-CANCEREUX POUR UNE UTILISATION THERAPEUTIQUE DANS LE TRAITEMENT DU CANCER**
[54] **PRODUCT COMPRISING MIKANOLIDE, DIHYDROMIKANOLIDE OR AN ANALOGUE THEREOF COMBINED WITH ANOTHER ANTI-CANCER AGENT FOR THERAPEUTIC USE IN CANCER TREATMENT**
[72] LANCO, CHRISTOPHE, FR
[72] LAVERGNE, OLIVIER, FR
[72] PREVOST, GREGOIRE, FR
[72] COULOMB, HELENE, FR
[72] TENG, BENG-POON, FR
[71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES (S.C.R. A.S.), FR
[85] 2003-11-25
[86] 2002-05-29 (FR2002001800)
[87] 2002-12-05 (2002096348)
[30] FR (01/07104) 2001-05-30

[21] **2,448,529**
[13] A1

[51] **Int.Cl. 7H01L 33/00 7H01J 17/49**
[25] EN
[54] **HIGHLY EFFICIENT PHOSPHOR**
[54] **PHOSPHORE A HAUTE EFFICACITE**
[72] JUDENHOFER, MARTIN, DE
[72] KOBUSCH, MANFRED, DE
[71] OSRAM OPTO SEMICONDUCTORS GMBH, DE
[85] 2003-11-25
[86] 2001-06-07 (DE2001002131)
[87] 2002-12-05 (2002097901)
[30] DE (201 08 873.8) 2001-05-29

[21] **2,448,535**
[13] A1

[51] **Int.Cl. 7E05G 1/14**
[25] FR
[54] **DISPOSITIF DE MACULAGE HAUTE PRESSION**
[54] **HIGH PRESSURE SMUDGING DEVICE**
[72] LEGORJUS, PHILIPPE, FR
[72] RICHARD, ALAIN, FR
[72] PERRET, JEAN-PAUL, FR
[72] SAUNIER, JACQUES, FR
[72] SAMUEL, FRANCIS, FR
[71] INTACTUS, FR
[85] 2003-11-25
[86] 2002-07-25 (EP2002008278)
[87] 2003-02-06 (2003010404)
[30] FR (01/09906) 2001-07-25

[21] **2,448,536**
[13] A1

[51] **Int.Cl. 7H02J 9/00 7G01R 31/36**
[25] EN
[54] **BACK-UP POWER SYSTEM**
[54] **SYSTEME D'ALIMENTATION ELECTRIQUE DE SECOURS**
[72] GAGNON, PHILIPPE, CA
[72] PARADIS, ROGER, CA
[72] POMERLEAU, DENIS, CA
[71] AVESTOR LIMITED PARTNERSHIP, CA
[85] 2003-11-25
[86] 2002-05-24 (CA2002000766)
[87] 2002-12-05 (2002097946)
[30] CA (2,348,586) 2001-05-25

[21] **2,448,538**
[13] A1

[51] **Int.Cl. 7B66B 1/44**
[25] EN
[54] **METHOD FOR PREVENTING AN INADMISSIBLY HIGH SPEED OF THE LOAD RECEIVING MEANS OF AN ELEVATOR**
[54] **PROCEDE POUR EMPECHER UNE VITESSE INACCEPTABLEMENT ELEVEE DU MOYEN DE SUSPENSION DE CHARGE D'UN ASCENSEUR**
[72] ANGST, PHILIPP, CH
[72] DEPLAZES, ROMEO, CH
[71] INVENTIO AG, CH
[85] 2003-11-25
[86] 2002-06-27 (CH2002000350)
[87] 2003-01-16 (2003004397)
[30] EP (01810654.2) 2001-07-04

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[13] A1

[51] **Int.Cl. 7H02J 17/00 7G01R 15/14**
[25] EN
[54] **ARRANGEMENT FOR SUPPLYING ELECTRICAL POWER TO A LOAD BY MEANS OF A TRANSMISSION PATH WHICH HAS BEEN SPLIT INTO TWO PARTS**
[54] **DISPOSITIF D'ALIMENTATION ELECTRIQUE D'UN RECEPTEUR AU MOYEN D'UN PARCOURS DE TRANSMISSION EN DEUX PARTIES**
[72] HAIN, STEFAN, DE
[72] BIRKLE, SIEGFRIED, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2003-11-25
[86] 2003-03-14 (DE2003000837)
[87] 2003-10-02 (2003081746)
[30] DE (102 13 845.1) 2002-03-27

[21] **2,448,543**
[13] A1

[51] **Int.Cl. 7A61K 7/16**
[25] EN
[54] **BREATH PROTECTION MICROCAPSULES**
[54] **MICROCAPSULES DE PROTECTION DES VOIES RESPIRATOIRES**
[72] PARIKH, RITA MAYUR, US
[72] KUMAR, LORI DEE, US
[71] WARNER-LAMBERT COMPANY LLC, US
[85] 2003-11-25
[86] 2002-04-26 (IB2002001449)
[87] 2002-12-19 (2002100370)
[30] US (60/297,275) 2001-06-11

[21] **2,448,546**
[13] A1

[51] **Int.Cl. 7B60N 2/225**
[25] EN
[54] **DEVICE FOR ADJUSTING THE POSITION OF AT LEAST ONE MOVABLE PART OF A VEHICLE SEAT**
[54] **DISPOSITIF POUR AJUSTER LA POSITION D'AU MOINS UNE PARTIE MOBILE D'UN SIEGE DE VEHICULE**
[72] TIRAPELLE, LUIGI, IT
[71] ISRINGHAUSEN S.P.A., IT
[85] 2003-11-25
[86] 2001-06-12 (IT2001000299)
[87] 2002-12-19 (2002100677)

[21] **2,448,550**
[13] A1

[51] **Int.Cl. 7E21B 47/09 7E21B 29/00**
[25] EN
[54] **DUAL SENSOR FREEPOINT TOOL**
[54] **INDICATEUR DE COINCEMENT A DEUX CAPTEURS**
[72] ESTES, JAMES D., US
[72] GRAY, KEVIN LEON, US
[71] WEATHERFORD/LAMB, INC., US
[85] 2003-11-25
[86] 2002-08-05 (GB2002003604)
[87] 2003-02-20 (2003014526)
[30] US (60/310,124) 2001-08-03

[21] **2,448,551**
[13] A1

[51] **Int.Cl. 7B65D 17/40 7B65D 55/08 7B65D 43/10**
[25] EN
[54] **TAMPER RESISTANT COMPOSITE LIDS FOR FOOD CONTAINERS**
[54] **COUVERCLES COMPOSITES INVOLABLES POUR RECIPIENTS ALIMENTAIRES**
[72] WITT, STEPHEN H., CA
[71] STANPAC INC., CA
[85] 2003-11-26
[86] 2002-05-16 (CA2002000713)
[87] 2002-11-28 (2002094664)
[30] US (60/291,618) 2001-05-18

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[13] A1

[51] **Int.Cl. 7C07D 417/14 7C07D 413/04 7C07D 417/04 7C07D 413/10 7A61P 3/10 7C07D 231/12 7C07D 413/12 7C07D 417/12 7C07D 413/14 7A61K 31/195 7C07C 271/22 7C07C 271/24 7C07D 277/24 7C07D 263/32 7C07D 277/38 7A61K 31/415 7A61K 31/42 7A61K 31/421 7A61K 31/422 7A61K 31/426 7A61K 31/427 7A61K 31/4402 7A61K 31/4439 7A61K 31/444 7A61K 31/497 7A61K 31/513 7A61K 31/5377 7C07D 233/58 7C07C 233/63 7C07D 213/81 7C07D 307/83 7C07C 233/87**
[25] EN
[54] **MODULATORS OF PEROXISOME PROLIFERATOR ACTIVATED RECEPTORS (PPAR)**
[54] **MODULATEURS DES RECEPTEURS ACTIVES PAR LES PROLIFERATEURS DU PEROXISOME (PPAR)**
[72] GONZALEZ-GARCIA, MARIA ROSARIO, ES
[72] GREEN, JONATHAN EDWARD, US
[72] GOSSETT, LYNN STACY, US
[72] HENRY, JAMES ROBERT, US
[72] SHEN, QUAN RONG, US
[72] WARSHAWSKY, ALAN M., US
[72] VANCE, JENNIFER ANN, US
[72] JONES, WINTON DENNIS JUNIOR, US
[72] MATTHEWS, DONALD PAUL, US
[72] SMITH, DARYL LYNN, US
[71] ELI LILLY AND COMPANY, US
[85] 2003-11-25
[86] 2002-05-24 (US2002015143)
[87] 2002-12-19 (2002100403)
[30] US (60/296,701) 2001-06-07

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[13] A1

[51] **Int.Cl. 7A61K 31/4178 7A61P 1/04 7A61P 3/04 7A61P 9/12 7A61K 31/435**
[25] EN
[54] **A PHARMACEUTICAL COMPOSITION COMPRISING A NICOTINIC RECEPTOR PARTIAL ANTAGONIST AND AN ANTIEMETIC AGENT OF MODULATING CHOLINERGIC FUNCTION**
[54] **COMPOSITION PHARMACEUTIQUE ET METHODE PERMETTANT DE MODULER LA FONCTION CHOLINERGIQUE CHEZ UN MAMMIFERE**
[72] COE, JOTHAM WADSWORTH, US
[72] SANDS, STEVEN BRADLEY, US
[71] PFIZER PRODUCTS INC., US
[85] 2003-11-25
[86] 2002-05-21 (IB2002001767)
[87] 2003-01-23 (2003005998)
[30] US (60/303,957) 2001-07-09

[21] **2,448,554**
[13] A1

[51] **Int.Cl. 7H04M 1/24**
[25] EN
[54] **SYSTEM AND METHOD OF TESTING AN IDSL COMMUNICATIONS LINE**
[54] **SYSTEME ET PROCEDE PERMETTANT DE TESTER UNE LIGNE DE COMMUNICATION IDSL**
[72] SOTO, ROY L., US
[72] YI, CORY, US
[71] HARRIS CORPORATION, US
[85] 2003-11-24
[86] 2002-05-22 (US2002016154)
[87] 2002-12-05 (2002098114)
[30] US (09/870,120) 2001-05-30

[21] **2,448,555**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **DIGITAL RIGHTS MANAGEMENT**
[54] **GESTION DE DROITS NUMERIQUE**
[72] LAMBERT, MARTIN RICHARD, GB
[71] SEALED MEDIA LIMITED, GB
[85] 2003-11-26
[86] 2001-06-05 (GB2001002486)
[87] 2001-12-13 (2001095175)
[30] GB (0013682.0) 2000-06-05
[30] GB (0014430.3) 2000-06-13

[21] **2,448,556**
[13] A1

[51] **Int.Cl. 7G06F 13/00 7H04N 7/10 7H04N 5/44**
[25] EN
[54] **INFRARED CROSSPOINT SYSTEM**
[54] **SYSTEME INFRAROUGE A POINT DE CONNEXION**
[72] HALLENBECK, PETER D., US
[71] HALLENBECK, PETER D., US
[85] 2003-11-25
[86] 2002-06-13 (US2002018818)
[87] 2002-12-27 (2002103475)
[30] US (60/298,313) 2001-06-14
[30] US (10/068,157) 2002-02-06

[21] **2,448,558**
[13] A1

[51] **Int.Cl. 7A61K 9/22 7A61K 9/24 7A61K 9/28 7A61K 9/30 7A61K 9/32 7A61K 9/36**

[25] EN
[54] **DRUG DELIVERY SYSTEM FOR ZERO ORDER, ZERO ORDER-BIPHASIC, ASCENDING OR DESCENDING DRUG DELIVERY**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT PERMETTANT L'ADMINISTRATION DE MEDICAMENT D'ORDRE ZERO, BIPHASIQUE D'ORDRE ZERO, ASCENDANTE OU DESCENDANTE**
[72] ROSENBERGER, VERED, IL
[72] LERNER, E. ITZHAK, IL
[72] FLASHNER-BARAK, MOSHE, IL
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL
[85] 2003-11-25
[86] 2002-07-10 (US2002021661)
[87] 2003-01-23 (2003005951)
[30] US (60/303,809) 2001-07-10

[21] **2,448,559**
[13] A1

[51] **Int.Cl. 7C01B 37/02 7C01G 1/00 7C01B 39/48**
[25] EN
[54] **SYNTHETIC POROUS CRYSTALLINE MATERIAL ITQ-13, ITS SYNTHESIS AND USE**
[54] **MATERIAU CRISTALLIN POREUX SYNTHETIQUE ITQ-13, SA SYNTHESE ET SON UTILISATION**
[72] PUCHE, MARTA, ES
[72] BOIX, TERESA, ES
[72] CORMA, AVELINO, ES
[72] CAMBLOR, MIGUEL A., ES
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2003-11-25
[86] 2002-05-07 (US2002014411)
[87] 2002-12-05 (2002096803)
[30] US (09/866,907) 2001-05-29

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[13] A1

[51] **Int.Cl. 7C07D 215/48 7A61P 43/00 7C07D 401/12 7C07D 405/12 7C07D 409/12 7C07D 405/14 7C07D 409/14 7C07D 215/46 7A61K 31/4706 7C07D 213/85**
[25] EN
[54] **AMINOQUINOLINE AND AMINOPYRIDINE DERIVATIVES AND THEIR USE AS ADENOSINE A3 LIGANDS**
[54] **DERIVES D'AMINOQUINOLINE ET D'AMINOPYRIDINE ET LEUR UTILISATION COMME LIGANDS D'ADENOSINE A3**
[72] FINANCE, OLIVIER, FR
[72] SZELECZKY, GABOR, HU
[72] URBAN-SZABO, KATALIN, HU
[72] MIKUS, ENDRE, HU
[72] SZAMOSVOELGYI, ZSUZSANNA, HU
[72] KAPUI, ZOLTAN, HU
[72] BATA, IMRE, HU
[72] T. NAGY, LAJOS, HU
[72] TIMARI, GEZA, HU
[72] BOER, KINGA, HU
[72] BATORI, SANDOR, HU
[72] BALAZS, LASZLO, HU
[72] BALOGH, MARIA, HU
[72] ARANYI, PETER, HU
[71] SANOFI-SYNTHELABO, FR
[85] 2003-11-26
[86] 2002-05-29 (HU2002000048)
[87] 2002-12-05 (2002096879)
[30] HU (P01 02279) 2001-05-31
[30] HU (P02 00774) 2002-03-01

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[13] A1

[51] **Int.Cl. 7A61K 49/00**
[25] EN
[54] **METALLOTETRAPYRROLIC PHOTSENSITIZING AGENTS FOR USE IN PHOTODYNAMIC THERAPY**
[54] **AGENTS DE PHOTSENSIBILISATION TETRAPYRROLIQUES METALLIQUES DESTINES A LA THERAPIE PHOTODYNAMIQUE**
[72] RYCHNOVSKY, STEV, US
[72] LEITCH, IAN M., US
[72] GREENE, STEPHANIE, US
[72] ROBINSON, BYRON C., US
[71] MIRAVANT PHARMACEUTICALS, INC., US
[85] 2003-11-25
[86] 2002-05-31 (US2002017180)
[87] 2002-12-05 (2002096366)
[30] US (60/295,345) 2001-05-31

[21] **2,448,564**
[13] A1

[51] **Int.Cl. 7C04B 41/89 7C25C 3/08 7C25C 3/12**
[25] EN
[54] **CARBON TILES WITH REFRACTORY COATING FOR USE AT ELEVATED TEMPERATURE**
[54] **TUILES DE CARBONE AVEC REVETEMENT REFRACTAIRE POUR UTILISATION A TEMPERATURE ELEVEE**
[72] DURUZ, JEAN-JACQUES, CH
[72] DE NORA, VITTORIO, BS
[72] NGUYEN, THINH T., CH
[71] MOLTECH INVENT S.A., LU
[85] 2003-11-25
[86] 2002-05-28 (IB2002001908)
[87] 2002-12-05 (2002096830)
[30] IB (PCT/IB01/00949) 2001-05-30
[30] IB (PCT/IB02/00821) 2002-03-15

[21] **2,448,566**
[13] A1

[51] **Int.Cl. 7C04B 41/89 7F27D 23/04 7C25C 3/08 7C25C 3/12**
[25] EN
[54] **HYDROPHILIC PROTECTIVE LAYERS BONDED ON HYDROPHOBIC SUBSTRATES FOR USE AT ELEVATED TEMPERATURE**
[54] **COUCHES PROTECTRICES HYDROPHILES LIEES A DES SUBSTRATS HYDROPHOBES POUR UTILISATION A TEMPERATURE ELEVEE**
[72] NGUYEN, THINH T., CH
[72] DE NORA, VITTORIO, BS
[71] MOLTECH INVENT S.A., LU
[85] 2003-11-25
[86] 2002-05-28 (IB2002001932)
[87] 2002-12-05 (2002096831)
[30] IB (PCT/IB01/00949) 2001-05-30

[21] **2,448,563**
[13] A1

[51] **Int.Cl. 7H04J 1/12 7H04J 15/00 7H04J 3/10**
[25] EN
[54] **DETERMINING THE EFFECTS OF NEW TYPES OF IMPAIRMENTS ON PERCEIVED QUALITY OF A VOICE SERVICE**
[54] **DETERMINATION DES EFFETS DE NOUVEAUX TYPES DE DEFAILLANCE SUR LA QUALITE PERCUE D'UN SERVICE VOCAL**
[72] HARDY, WILLIAM CHRISTOPHER, US
[71] WORLDCOM, INC., US
[85] 2003-11-25
[86] 2002-05-23 (US2002016455)
[87] 2002-12-05 (2002098030)
[30] US (09/866,770) 2001-05-30

[21] **2,448,565**
[13] A1

[51] **Int.Cl. 7H05B 37/00**
[25] EN
[54] **REMOTE CONTROL OF ELECTRONIC LIGHT BALLAST AND OTHER DEVICES FIELD OF THE INVENTION**
[54] **TELECOMMANDE DE BALLASTS ELECTRONIQUES ET AUTRES DISPOSITIFS**
[72] WILHELM, WILLIAM GEORGE, US
[71] NEXTEK POWER SYSTEMS, INC., US
[85] 2003-11-25
[86] 2002-05-22 (US2002016552)
[87] 2002-12-05 (2002098181)
[30] US (60/293,707) 2001-05-26

[21] **2,448,568**
[13] A1

[51] **Int.Cl. 7H01Q 1/40 7H01Q 9/16**
[25] EN
[54] **LOW PROFILE ANTENNA**
[54] **ANTENNE A PROFIL MINCE**
[72] PECORA, RONALD A., JR., US
[71] ADS CORPORATION, US
[85] 2003-11-25
[86] 2002-05-30 (US2002016919)
[87] 2002-12-05 (2002097918)
[30] US (09/870,232) 2001-05-30

[21] **2,448,583**
[13] A1

[51] **Int.Cl. 7A45C 5/14 7B65D 25/00 7G06F 1/16 7A45C 13/38**
[25] EN
[54] **LUGGAGE, COMPUTER CASES OR THE LIKE, HAVING SHOCK ABSORBING QUIET OPERATING ELASTOMERIC WHEELS FILLED WITH COMPRESSIBLE MATERIAL**
[54] **BOITIER A BAGAGES OU A ORDINATEUR MUNIS DE ROUES ELASTOMERES SILENCIEUSES ABSORBANT LES CHOCS REMPLIES DE MATERIAU COMPRESSIBLE**
[72] SADOW, BRIAN D., US
[72] SADOW, BERNARD D., US
[71] OUTRIGGER, INC., US
[85] 2003-11-24
[86] 2002-05-24 (US2002017020)
[87] 2002-12-05 (2002096763)
[30] US (60/293,610) 2001-05-25
[30] US (60/304,626) 2001-07-11

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[13] A1
[51] **Int.Cl. 7H04M 1/57**
[25] EN
[54] **COMMUNICATION APPARATUS**
[54] **APPAREIL DE COMMUNICATION**
[72] IKEDA, YUTAKA, JP
[72] ISHIMURA, YOSHIHIRO, JP
[72] TANAKA, MICHIAKI, JP
[72] HIRAI, YUJI, JP
[72] SHIMOMURA, HIROKI, JP
[72] MITSUO, SADAKA, JP
[72] KAJIWARA, KATSUYUKI, JP
[71] MATSUSHITA ELECTRIC
INDUSTRIAL CO., LTD., JP
[85] 2003-11-26
[86] 2002-05-28 (JP2002005145)
[87] 2002-12-05 (2002098115)
[30] JP (2001-158751) 2001-05-28
[30] JP (2001-254336) 2001-08-24
[30] JP (2001-259295) 2001-08-29

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[13] A1
[51] **Int.Cl. 7A61K 39/395 7C07K 16/00**
7C07H 21/04
[25] EN
[54] **T CELL INDUCED TISSUE REPAIR**
AND REGENERATION
[54] **REPARATION ET**
REGENERATION DE TISSUS
INDUITES PAR DES CELLULES T
[72] BERENSON, RONALD, US
[72] BONYHADI, MARK, US
[71] XCYTE THERAPIES, INC., US
[85] 2003-11-26
[86] 2002-06-03 (US2002017647)
[87] 2002-12-12 (2002098361)
[30] US (60/295,200) 2001-06-01

[21] **2,448,593**
[13] A1
[51] **Int.Cl. 7A61N 1/378**
[25] EN
[54] **IMPLANTABLE MEDICAL**
DEVICE WITH DUAL CELL POWER
SOURCE
[54] **DISPOSITIF MEDICAL**
IMPLANTABLE A SOURCE
D'ENERGIE EN CELLULE DOUBLE
[72] SCHMIDT, CRAIG L., US
[72] KEIMEL, JOHN G., US
[72] HOWARD, WILLIAM G., US
[71] MEDTRONIC, INC., US
[85] 2003-11-26
[86] 2002-03-20 (US2002008888)
[87] 2002-12-12 (2002098507)
[30] US (09/870,097) 2001-05-30

[21] **2,448,596**
[13] A1
[51] **Int.Cl. 7A61K 31/13 7A61K 31/195**
7A61K 31/385
[25] EN
[54] **TOPICAL TREATMENTS USING**
ALKANOLAMINES
[54] **TRAITEMENTS TOPIQUES**
UTILISANT DES ALCANOLAMINES
[72] PERRICONE, NICHOLAS V., US
[71] PERRICONE, NICHOLAS V., US
[85] 2003-11-26
[86] 2002-06-06 (US2002018026)
[87] 2002-12-12 (2002098515)
[30] US (09/875,317) 2001-06-06
[30] US (09/900,680) 2001-07-06
[30] US (09/931,616) 2001-08-16
[30] US (10/085,864) 2002-02-27

[21] **2,448,598**
[13] A1
[51] **Int.Cl. 7B01J 8/06 7B01J 8/00 7C01B**
3/38
[25] EN
[54] **PROCESS AND APPARATUS FOR**
LOADING A PARTICULATE SOLID
INTO A VERTICAL TUBE
[54] **PROCEDE ET DISPOSITIF**
DESTINES A ALIMENTER UN SOLIDE
PARTICULAIRE DANS UN TUBE
VERTICAL
[72] BENCE, ROGER KENNETH, GB
[72] HILTON, MICHAEL, GB
[72] LINTHWAITE, MARK ANDREW, GB
[71] DAVY PROCESS TECHNOLOGY
LIMITED, GB
[85] 2003-11-26
[86] 2002-06-05 (GB2002002554)
[87] 2002-12-12 (2002098552)
[30] GB (0113789.2) 2001-06-06

[21] **2,448,601**
[13] A1
[51] **Int.Cl. 7C07C 29/10 7C07C 31/20**
[25] EN
[54] **PROCESS FOR THE**
PREPARATION OF ALKYLENE
GLYCOLS
[54] **PROCEDE DE PREPARATION**
D'ALKYLENE GLYCOLS
[72] LAPRAIRIE, DANIEL J., US
[72] LEE, GUO-SHUH JOHN, US
[72] TIMM, EDWARD E., US
[72] STRICKLER, GARY R., US
[72] RIEVERT, WILLIAM J., US
[71] DOW GLOBAL TECHNOLOGIES
INC., US
[85] 2003-11-26
[86] 2002-04-29 (US2002013445)
[87] 2002-12-12 (2002098828)
[30] US (09/871,257) 2001-05-31

[21] **2,448,602**
[13] A1
[51] **Int.Cl. 7C07D 241/26 7A61P 25/00**
7C07D 401/04 7C07D 253/06 7C07D 401/
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239/48 7A61K 31/4995 7C07D 239/50
7A61K 31/506
[25] EN
[54] **PYRIMIDINE, TRIAZINE AND**
PYRAZINE DERIVATIVES AS
GLUTAMATE RECEPTORS
[54] **DERIVES DE PYRIMIDINE,**
TRIAZINE ET PYRAZINE,
RECEPTEURS DU GLUTAMATE
[72] WILHELM, MAURICE, FR
[72] MUTEL, VINCENT, FR
[72] MASQUELIN, THIERRY, FR
[72] MAERKI, HANS-PETER, CH
[72] BINGGELI, ALFRED, CH
[72] WOSTL, WOLFGANG, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[86] 2002-05-27 (EP2002005788)
[87] 2002-12-12 (2002098864)
[30] EP (01113379.0) 2001-06-01

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[21] **2,448,604**
[13] A1

[51] **Int.Cl. 7C08F 8/26 7C10M 107/02 7C08F 8/04**
[25] EN
[54] **PROCESS FOR HYDROGENATING/DEHALOGENATIONG POLYALPHAOLEFIN POLYMER, THE RESULTING POLYMER AND LUBRICAN CONTAINING SAME**
[54] **PROCEDE D'HYDROGENATION/ DESHALOGENATION D'UN POLYMER DE POLYALPHAOLEFINE, POLYMER AINSI OBTENU ET LUBRIFIANT LE CONTENANT**
[72] REYNOLDS, MICHAEL P., US
[71] CROMPTON CORPORATION, US
[85] 2003-11-26
[86] 2002-05-31 (US2002017272)
[87] 2002-12-12 (2002098928)
[30] US (09/873,848) 2001-06-04

[21] **2,448,607**
[13] A1

[51] **Int.Cl. 7A61K 38/00 7A61K 47/48**
[25] EN
[54] **COLLOIDAL METAL COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS METALLIQUES COLLOIDALES ET PROCEDES ASSOCIES**
[72] PACIOTTI, GIULIO F., US
[72] TAMARKIN, LAWRENCE, US
[71] CYTIMMUNE SCIENCES, INC., US
[85] 2003-11-28
[86] 2002-04-30 (US2002013753)
[87] 2002-11-07 (2002087509)
[30] US (60/287,363) 2001-04-30
[30] US (60/309,705) 2001-08-02
[30] US (10/093,578) 2002-03-08

[21] **2,448,611**
[13] A1

[51] **Int.Cl. 7C22F 1/05**
[25] EN
[54] **PROCESS TO PRODUCE 6XXX ALLOYS BY REDUCING ALTERED DENSITY SITES**
[54] **PROCEDE D'AMELIORATION DES ALLIAGES DE LA SERIE 6XXX PAR LA REDUCTION DES SITES DE DENSITE ALTERES**
[72] MAGNUSEN, PAUL E., US
[72] CHAKRABARTI, DHRUBA J., US
[71] ALCOA INC., US
[85] 2003-11-26
[86] 2001-08-31 (US2001027331)
[87] 2002-12-12 (2002099151)
[30] US (09/873,980) 2001-06-01

[21] **2,448,612**
[13] A1

[51] **Int.Cl. 7D21H 25/00 7D21H 21/14**
[25] EN
[54] **POLYMERIC CREPING ADHESIVES AND CREPING METHODS USING SAME**
[54] **ADHESIFS DE CREPAGE POLYMER ET PROCEDES DE CREPAGE UTILISANT CES ADHESIFS**
[72] HILL, WALTER B., JR., US
[72] STITT, JOHN B., US
[71] BUCKMAN LABORATORIES INTERNATIONAL, INC., US
[85] 2003-11-26
[86] 2002-06-04 (US2002017431)
[87] 2002-12-12 (2002099192)
[30] US (60/295,951) 2001-06-05

[21] **2,448,613**
[13] A1

[51] **Int.Cl. 7G06F 15/00**
[25] EN
[54] **METHOD AND SYSTEM FOR PAGE PREFABRICATION**
[54] **PROCEDE ET SYSTEME DE PREFABRICATION DE PAGES**
[72] KAPUR, KUNAL, US
[72] LAI, ANTHONY, US
[72] BYUN, HYUN-SIK, US
[72] SIDDIQUI, SARIM, US
[72] WONG, SUNNY, US
[72] SUNKARA, RAMU, US
[72] SUBRAMANIAN, SOWMYA, US
[71] ORACLE INTERNATIONAL CORPORATION, US
[85] 2003-11-26
[86] 2002-05-24 (US2002016375)
[87] 2002-12-05 (2002097647)
[30] US (09/872,589) 2001-05-31

[21] **2,448,614**
[13] A1

[51] **Int.Cl. 7G06F 12/14**
[25] EN
[54] **STORAGE ACCESS KEYS**
[54] **CLES D'ACCES A LA MEMOIRE**
[72] PRUSCINO, ANGELO, US
[72] WILLIAMS, JAMES, US
[72] SEPEZ, THOMAS, US
[72] BRIDGE, WILLIAM, US
[72] LONG, RICHARD, US
[72] RITTO, PATRICK, US
[71] ORACLE INTERNATIONAL CORPORATION, US
[85] 2003-11-26
[86] 2002-05-22 (US2002016535)
[87] 2002-12-05 (2002097633)
[30] US (09/873,130) 2001-05-31

[21] **2,448,615**
[13] A1

[51] **Int.Cl. 7C08K 3/00**
[25] EN
[54] **LOW PERMEABILITY NANOCOMPOSITES**
[54] **NANOCOMPOSITES FAIBLEMENT PERMEABLES**
[72] DIAS, ANTHONY J., US
[72] GONG, CAIGUO, US
[72] WENG, WEIQING, US
[72] TSOU, ANDY H., US
[72] CHUNG, DAVID Y., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2003-11-26
[86] 2002-05-29 (US2002016796)
[87] 2002-12-19 (2002100935)
[30] US (60/296,873) 2001-06-08
[30] US (60/297,915) 2001-06-13

[21] **2,448,617**
[13] A1

[51] **Int.Cl. 7C09K 7/06**
[25] EN
[54] **BOREHOLE FLUID**
[54] **FLUIDE POUR TROU DE SOND**
[72] PALMGREN, ODD, NO
[72] OBRESTAD, TORSTEIN, NO
[72] TEIGEN, ASLAK, NO
[71] NORSK HYDRO ASA, NO
[85] 2003-11-27
[86] 2002-04-08 (NO2002000136)
[87] 2002-10-17 (2002081590)
[30] NO (2001 1787) 2001-04-09

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[21] **2,448,619**
[13] A1
[51] **Int.Cl. 7G06F 11/34**
[25] EN
[54] **SYSTEM, METHOD AND COMPUTER PRODUCT FOR PERFORMING AUTOMATED PREDICTIVE RELIABILITY**
[54] **SYSTEME, PROCEDE ET PRODUIT INFORMATIQUE PERMETTANT DE METTRE EN OEUVRE UNE FIABILITE PREDICTIVE AUTOMATISE**
[72] GRAICHEN, CATHERINE MARY, US
[72] FEHER, LUCILLE ANNA, US
[72] OSBORN, BROCK ESTEL, US
[72] CARDELLA, AIDAN THOMAS, US
[72] NICOLIA, RAYMOND LOUIS JR., US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2003-11-27
[86] 2002-05-02 (US2002014125)
[87] 2002-11-21 (2002093380)
[30] US (09/681,652) 2001-05-16

[21] **2,448,622**
[13] A1
[51] **Int.Cl. 7A61K 9/127**
[25] EN
[54] **PROLIPOSOMAL DRUG DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENTS PRO-LIPOSOMIQUES**
[72] BETAGERI, GURU V., US
[71] WESTERN CENTER FOR DRUG DEVELOPMENT, COLLEGE OF PHARMACY, WESTERN UNIVERSITY OF HEALTH SCIENCES, US
[85] 2003-11-24
[86] 2002-04-24 (US2002013062)
[87] 2002-10-31 (2002085304)
[30] US (60/286,386) 2001-04-25
[30] US (09/931,399) 2001-08-16

[21] **2,448,624**
[13] A1
[51] **Int.Cl. 7C10M 141/10 7C10M 137/10 7C10M 135/32 7C10M 135/36**
[25] EN
[54] **THIADIAZOLIDINE ADDITIVES FOR LUBRICANTS**
[54] **ADDITIF POUR LUBRIFIANTS A BASE DE THIADIAZOLIDINE**
[72] NALESNIK, THEODORE E., US
[71] CROMPTON CORPORATION, US
[85] 2003-11-24
[86] 2002-04-30 (US2002013834)
[87] 2002-12-12 (2002099018)
[30] US (09/871,302) 2001-05-31

[21] **2,448,627**
[13] A1
[51] **Int.Cl. 7A61K 31/635 7A61P 29/00 7A61K 47/10 7A61K 31/122 7A61K 31/352 7A61K 31/365 7A61K 31/415 7A61K 31/42 7A61K 31/4418 7A61K 31/444 7A61K 31/50**
[25] EN
[54] **SKIN-PERMEABLE COMPOSITION COMPRISING A SELECTIVE CYCLOOXYGENASE-2 INHIBITOR A MONOHYDRIC ALCOHOL**
[54] **COMPOSITION D'INHIBITEUR SELECTIF DE CYCLOOXYGENASE-2, PERMEABLE A LA PEAU**
[72] LU, GUANG WEI, US
[72] TYLE, PRAVEEN, US
[72] STOLLER, BRENDA M., US
[72] EWING, GARY D., US
[72] GADRE, ASHWINI, US
[72] GOKHALE, RAJEEV, US
[71] PHARMACIA CORPORATION, US
[85] 2003-11-27
[86] 2002-05-30 (US2002017067)
[87] 2002-12-05 (2002096435)
[30] US (60/294,838) 2001-05-31
[30] US (60/350,756) 2001-11-13

[21] **2,448,629**
[13] A1
[51] **Int.Cl. 7E04B 5/29 7E04C 3/293**
[25] EN
[54] **BUILDING STRUCTURAL ELEMENT**
[54] **ELEMENT STRUCTUREL DE CONSTRUCTION**
[72] BONACCI, NATALE, AU
[72] ROSSITER, STUART GEORGE, AU
[71] BONACCI BEAM (INTERNATIONAL) PTY LTD, AU
[85] 2003-11-26
[86] 2002-06-04 (AU2002000716)
[87] 2002-12-12 (2002099215)
[30] AU (PR 5481) 2001-06-05
[30] AU (11941/02) 2002-01-18

[21] **2,448,631**
[13] A1
[51] **Int.Cl. 7C07C 405/00 7A61K 31/557**
[25] EN
[54] **PREPARATION OF 17-PHENYL- 18, 19, 20- TRINOR-PGF2.ALPHA. AND ITS DERIVATIVES**
[54] **PREPARATION DE 17-PHENYL- 18, 19, 20- TRINOR-PGF2.ALPHA. A ET DE SES DERIVES**
[72] YUDOVITCH, LEV, IL
[72] ZALTZMAN, IGOR, IL
[72] GUTMAN, ARIE L., IL
[72] PERTSIKOV, BORIS, IL
[72] NISNEVICH, GENNADY, IL
[72] ETINGER, MARINA, IL
[71] FINETECH LABORATORIES LTD., IL
[85] 2003-11-26
[86] 2002-05-30 (IL2002000422)
[87] 2002-12-05 (2002096868)
[30] IL (143477) 2001-05-31

[21] **2,448,633**
[13] A1
[51] **Int.Cl. 7G05B 13/00 7A01G 25/16**
[25] EN
[54] **CONTROL SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMMANDE**
[72] CRAWN, TERENCE RAYMOND, AU
[72] TOWNSEND, JAMES DUNSTONE, AU
[71] IRRIGATION CONTROL NETWORKS PTY LTD., AU
[85] 2003-11-26
[86] 2002-06-06 (AU2002000733)
[87] 2002-12-12 (2002099543)
[30] AU (PR 5475) 2001-06-06

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[21] **2,448,634**
[13] A1

[51] **Int.Cl. 7C07D 217/26**
[25] EN
[54] **NOVEL HETEROCYCLIC COMPOUND AND MEDICINAL USE THEREOF**
[54] **NOUVEAU COMPOSE HETEROCYCLIQUE ET SON UTILISATION MEDICINALE**
[72] YOSHIMI, AKIHISA, JP
[72] KASAI, MASAYASU, JP
[72] SHIRAHASE, HIROAKI, JP
[72] AZUKIZAWA, SATORU, JP
[72] MATSUI, HIROSHI, JP
[72] KOBAYASHI, HIDEO, JP
[71] KYOTO PHARMACEUTICAL INDUSTRIES, LTD., JP
[85] 2003-11-26
[86] 2002-05-27 (JP2002005097)
[87] 2002-12-05 (2002096880)
[30] JP (2001-161489) 2001-05-29

[21] **2,448,639**
[13] A1

[51] **Int.Cl. 7C07D 413/12 7A61P 29/00 7A61P 43/00 7A61P 3/04 7A61P 3/06 7A61P 3/10 7A61P 9/10 7A61P 9/12 7A61K 31/4725**
[25] EN
[54] **NOVEL HETEROCYCLIC DERIVATIVES AND MEDICINAL USE THEREOF**
[54] **NOUVEAUX DERIVES HETEROCYCLIQUES ET UTILISATION MEDICALE DE CES DERIVES**
[72] KOBAYASHI, HIDEO, JP
[72] SHIRAHASE, HIROAKI, JP
[72] YOSHIMI, AKIHISA, JP
[72] MATSUI, HIROSHI, JP
[72] AZUKIZAWA, SATORU, JP
[72] KASAI, MASAYASU, JP
[71] KYOTO PHARMACEUTICAL INDUSTRIES, LTD., JP
[85] 2003-11-26
[86] 2002-05-27 (JP2002005098)
[87] 2002-12-05 (2002096904)
[30] JP (2001-161488) 2001-05-29

[21] **2,448,640**
[13] A1

[51] **Int.Cl. 7F27D 1/18**
[25] EN
[54] **A DEVICE IN CONNECTION WITH A THERMALLY COMPENSATED STRUCTURAL ELEMENT AND ITS APPLICATION**
[54] **DISPOSITIF CONNEXTE A UN ELEMENT STRUCTUREL THERMIQUEMENT COMPENSE ET APPLICATION CORRESPONDANTE**
[72] SANDVIK, EYSTEIN, NO
[72] WERGE-OLSEN, ARNE, NO
[72] HOLDEN, INGE, NO
[72] LINGA, HOGNE, NO
[72] RUUD, ANDERS, NO
[71] NORSK HYDRO ASA, NO
[85] 2003-11-26
[86] 2002-05-31 (NO2002000194)
[87] 2002-12-05 (2002097351)
[30] NO (20012741) 2001-06-01

[21] **2,448,643**
[13] A1

[51] **Int.Cl. 7A61K 31/19 7A61P 3/10 7A61K 31/155 7A61K 31/325 7A61P 5/50**
[25] EN
[54] **A PHARMACEUTICAL COMBINATION COMPRISING EITHER (S)-2-ETHOXY-3-[4-(2-{4-METHANE SULFONYL OXYPHENYL} ETHOXY) PHENYL] PROPANOIC ACID OR 3-[4-[2-(4-TERT-BUTOXY CARBONYL AMINOPHENYL) ETHOXY] PHENYL]-(S)-2-ETHOXY PROPANOIC ACID AND A BIGUANIDE DRUG**
[54] **PREPARATION PHARMACEUTIQUE COMPRENANT SOIT DE L'ACIDE (S)-2-ETHOXY-3-[4-(2-{4-METHANESULFONYLOXYPHENYL} ETHOXY)PHENYL] PROPANOIQUE, SOIT DE L'ACIDE 3-[4-[2-(4-SI(TERT)-BUTOXYCARBONYLAMINOPHENYL) ETHOXY]PHENYL]-(S)-2-ETHOXY PROPANOIQUE, ET UN MEDICAMENT DE BIGUANIDE.**
[72] OEHMAN, PETER, SE
[71] ASTRAZENECA AB, SE
[85] 2003-11-26
[86] 2002-05-30 (SE2002001038)
[87] 2002-12-05 (2002096402)
[30] SE (0101980-1) 2001-06-01

[21] **2,448,645**
[13] A1

[51] **Int.Cl. 7C07C 275/18 7C07D 295/04 7C07D 209/34**
[25] EN
[54] **NEW PHENYLALKYLOXY-PHENYL DERIVATIVES**
[54] **NOUVEAUX DERIVES DE PHENYLALKYLOXY-PHENYLE**
[72] LINDSTEDT ALSTERMARK, EVA-LOTTE, SE
[72] LI, LANNA, SE
[72] FAEGERHAG, JONAS, SE
[71] ASTRAZENECA AB, SE
[85] 2003-11-26
[86] 2002-05-30 (SE2002001039)
[87] 2002-12-05 (2002096863)
[30] SE (0101978-5) 2001-06-01

[21] **2,448,648**
[13] A1

[51] **Int.Cl. 7F01N 3/28**
[25] EN
[54] **REVERSE FLOW CATALYTIC MUFFLER**
[54] **ATTENUATEUR CATALYTIQUE A DEBIT INVERSE**
[72] KNIGHT, GLENN, CA
[71] ENVIRONMENTAL CONTROL CORPORATION, CA
[85] 2003-11-26
[86] 2002-06-21 (CA2002000928)
[87] 2003-01-09 (2003002852)
[30] US (09/891,326) 2001-06-27

[21] **2,448,650**
[13] A1

[51] **Int.Cl. 7A61L 9/04 7A61L 9/12 7A01M 1/14 7A01N 25/18**
[25] EN
[54] **AN AIR FRESHENING OR PURIFYING SHEET**
[54] **FEUILLE DESODORISANTE OU PURIFIANTE**
[72] ROBINSON, PAUL, GB
[72] CHANNER, ROBERT VERN, GB
[71] RECKITT BENCKISER (UK) LIMITED, GB
[85] 2003-11-27
[86] 2002-05-24 (GB2002002445)
[87] 2002-12-05 (2002096473)
[30] GB (0112925.3) 2001-05-29

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[21] **2,448,651**
[13] A1

[51] **Int.Cl. 7A01J 5/013**
[25] EN
[54] **A METHOD OF AND AN APPARATUS FOR SOMATIC CELL COUNT**
[54] **PROCEDE ET APPAREIL DE COMPTAGE DES CELLULES SOMATIQUES**
[72] NILSSON, JAN OVE, SE
[71] DELAVAL HOLDING AB, SE
[85] 2003-11-26
[86] 2002-06-14 (SE2002001159)
[87] 2003-01-09 (2003001904)
[30] SE (0102291-2) 2001-06-27

[21] **2,448,652**
[13] A1

[51] **Int.Cl. 7H04N 7/173 7H04N 7/08 7H04N 5/60**
[25] EN
[54] **METHODS AND APPARATUS FOR INTERACTIVE TELEVISION**
[54] **PROCEDE ET APPAREIL POUR LA TELEVISION INTERACTIVE**
[72] GIBSON, BENNIE L., US
[72] HODGE, GREGORY A., US
[71] WORLD THEATRE, INC., US
[85] 2003-11-26
[86] 2002-05-29 (US2002016887)
[87] 2002-12-05 (2002098122)
[30] US (09/866,765) 2001-05-30

[21] **2,448,657**
[13] A1

[51] **Int.Cl. 7A63B 71/06**
[25] EN
[54] **STROKE INFORMATION MEASURING APPARATUS AND STROKE INFORMATION MEASURING METHOD**
[54] **APPAREIL DE MESURE D'INFORMATIONS DE NAGE ET PROCEDE DE MESURE Y RELATIF**
[72] KURONO, TAKEHIRO, JP
[72] MURAKOSHI, TAKAHIRO, JP
[72] KIMURA, YUUICHI, JP
[71] HAMAMATSU PHOTONICS K.K., JP
[85] 2003-11-27
[86] 2002-05-30 (JP2002005293)
[87] 2002-12-05 (2002096525)
[30] JP (2001-162648) 2001-05-30

[21] **2,448,658**
[13] A1

[51] **Int.Cl. 7C07C 309/66 7A61K 31/19**
[25] EN
[54] **PROCESS FOR THE PREPARATION 3-ARYL-2-HYDROXYPROPIONIC ACID DERIVATIVE**
[54] **PROCEDE DE PREPARATION D'UN DERIVE D'ACIDE 3-ARYL-2-HYDROXYPROPIONIQUE**
[72] MACKINTOSH, WILLIAM, SE
[72] IOANNIDIS, PANAGIOTIS, SE
[72] EHRL, ROBERT, SE
[71] ASTRAZENECA AB, SE
[85] 2003-11-26
[86] 2002-05-30 (SE2002001040)
[87] 2002-12-05 (2002096865)
[30] SE (0101979-3) 2001-06-01
[30] SE (0201004-9) 2002-04-02

[21] **2,448,661**
[13] A1

[51] **Int.Cl. 7C25B 9/00 7C25B 15/00**
[25] EN
[54] **PULSED ELECTROLYTIC CELL**
[54] **CUVE D'ELECTROLYSE PULSEE**
[72] DARDIK, IRVING I., US
[71] ENERGETICS TECHNOLOGIES, L.L.C., US
[85] 2003-11-27
[86] 2002-05-30 (US2002017334)
[87] 2002-12-05 (2002097166)
[30] US (60/294,537) 2001-05-30

[21] **2,448,662**
[13] A1

[51] **Int.Cl. 7H01M 8/06 7F02C 3/22**
[25] EN
[54] **JOINT-CYCLE HIGH-EFFICIENCY FUEL CELL SYSTEM WITH POWER GENERATING TURBINE**
[54] **SYSTEME DE PILE A COMBUSTIBLE A HAUT RENDEMENT A CYCLE COMBINE AVEC TURBINE A PRODUCTION DE COURANT**
[72] CLAWSON, LAWRENCE G., US
[72] HAGAN, MARK R., US
[71] NUVERA FUEL CELLS, US
[85] 2003-11-26
[86] 2001-05-31 (US2001017437)
[87] 2001-12-13 (2001095409)
[30] US (60/208,355) 2000-05-31
[30] US (09/870,412) 2001-05-30

[21] **2,448,663**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD AND SYSTEM FOR VERIFYING THE INTEGRITY OF DATA IN A DATA WAREHOUSE AND APPLYING WAREHOUSED DATA TO A PLURALITY OF PREDEFINED ANALYSIS MODELS**
[54] **PROCEDE ET SYSTEME DE VERIFICATION DE L'INTEGRITE DES DONNEES DANS UN DEPOT DE DONNEES ET D'APPLICATION DE DONNEES DE DEPOT A UNE PLURALITE DE MODELES D'ANALYSE PREDEFINIS**
[72] BANERJI, SOURABH, US
[72] MATERO, JOHN ANTHONY, US
[72] ZANGARI, PETER J., US
[71] GOLDMAN SACHS & CO., US
[85] 2003-11-26
[86] 2002-05-31 (US2002016998)
[87] 2002-12-05 (2002098045)
[30] US (60/294,754) 2001-05-31

[21] **2,448,664**
[13] A1

[51] **Int.Cl. 7B65B 63/08 7C09J 11/00 7B29B 13/02**
[25] EN
[54] **PACKAGING OF LOW APPLICATION HOT MELT ADHESIVE FORMULATIONS**
[54] **EMBALLAGE DE FORMULATIONS D'ADHESIFS THERMOFUSIBLES A FAIBLE TEMPERATURE D'APPLICATION**
[72] PAUL, CHARLES W., US
[72] RODGERS, ANTHONY P., GB
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US
[85] 2003-04-30
[86] 2001-10-31 (US2001045450)
[87] 2002-08-08 (2002061009)
[30] US (09/706,448) 2000-11-04

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[21] **2,448,669**
[13] A1
[51] **Int.Cl. 7H04R 3/00 7G10L 15/00**
[25] EN
[54] **DETECTING VOICED AND UNVOICED SPEECH USING BOTH ACOUSTIC AND NONACOUSTIC SENSORS**
[54] **DETECTION DE PAROLE VOISEE ET NON VOISEE A L'AIDE DE DETECTEURS ACOUSTIQUES ET DE DETECTEURS NON ACOUSTIQUES**
[72] BURNETT, GREGORY C., US
[71] ALIPHCOM, US
[85] 2003-11-26
[86] 2002-05-30 (US2002017251)
[87] 2002-12-05 (2002098169)
[30] US (60/294,383) 2001-05-30
[30] US (09/905,361) 2001-07-12
[30] US (60/335,100) 2001-10-30
[30] US (60/332,202) 2001-11-21
[30] US (09/990,847) 2001-11-21
[30] US (60/362,103) 2002-03-05
[30] US (60/362,161) 2002-03-05
[30] US (60/362,162) 2002-03-05
[30] US (60/362,170) 2002-03-05
[30] US (60/361,981) 2002-03-05
[30] US (60/368,208) 2002-03-27
[30] US (60/368,209) 2002-03-27
[30] US (60/368,343) 2002-03-27

[21] **2,448,671**
[13] A1
[51] **Int.Cl. 7A61K 7/13**
[25] EN
[54] **SEMI-PERMANENT HAIR DYEING SYSTEM USING SOLUBLE VAT DYES**
[54] **SYSTEME DE COLORATION CAPILLAIRE SEMI-PERMANENTE UTILISANT DES COLORANTS DE CUVE SOLUBLES**
[72] VAINSHALBOIM, ALEX, US
[72] MATRAVERS, PETER, US
[71] AVEDA CORPORATION, US
[85] 2003-11-26
[86] 2002-05-23 (US2002016803)
[87] 2002-12-05 (2002096383)
[30] US (09/867,278) 2001-05-29

[21] **2,448,672**
[13] A1
[51] **Int.Cl. 7F16K 31/385 7B05B 1/30**
[25] EN
[54] **ONE TOUCH ACTUATED VALVE**
[54] **ROBINET A COMMANDE A EFFLEUREMENT**
[72] JACOBS, SCOTT, US
[72] CASICA, TIMOTHY R., US
[72] HEREN, N. LAWRENCE, US
[71] L.R. NELSON CORPORATION, US
[85] 2003-11-27
[86] 2002-05-30 (US2002017225)
[87] 2002-12-05 (2002097311)
[30] US (09/870,582) 2001-05-30

[21] **2,448,673**
[13] A1
[51] **Int.Cl. 7B32B 7/06 7B32B 31/12**
[25] EN
[54] **REMOVABLE PROTECTIVE COATING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL POUR REVETEMENT PROTECTEUR AMOVIBLE**
[72] WEISS, CHRISTOPHER H., US
[72] WEISS, HARLEY L., US
[72] WEISS, MICHAEL G., US
[72] GNATOWSKI, MAREK JAN, CA
[72] KOUTSANDREAS, ANDREW, CA
[71] WEISS PRESTAINING INC., US
[85] 2003-11-26
[86] 2002-05-30 (US2002017083)
[87] 2002-12-05 (2002096637)
[30] US (60/295,203) 2001-05-31

[21] **2,448,675**
[13] A1
[51] **Int.Cl. 7F27B 13/02 7F27B 13/06**
[25] EN
[54] **A METHOD FOR OPERATING RING-FURNACES AND A DEVICE FOR SUCH OPERATION**
[54] **PROCEDE ET DISPOSITIF D'UTILISATION DE FOURS A FEU MOBILE**
[72] RUUD, ANDERS, NO
[72] NERLAND, KJELL ANNE, NO
[72] HOLDEN, INGE, NO
[72] NATERSTAD, TORMOD, NO
[72] LINGA, HOGNE, NO
[71] NORSK HYDRO ASA, NO
[85] 2003-11-27
[86] 2002-05-31 (NO2002000193)
[87] 2002-12-05 (2002097350)
[30] NO (20012740) 2001-06-01

[21] **2,448,676**
[13] A1
[51] **Int.Cl. 7A61B 17/88 7A61B 17/068**
[25] EN
[54] **INSERTION DEVICE FOR BONE FIXATION ELEMENTS**
[54] **APPAREIL D'INSERTION D'ELEMENTS DE FIXATION**
[72] CHEN, MIKE C., US
[72] ZWIRNMANN, RALPH, US
[71] CHEN, MIKE C., US
[71] SYNTHES (U.S.A.), US
[71] ZWIRNMANN, RALPH, US
[85] 2003-11-26
[86] 2002-05-28 (US2002016656)
[87] 2002-12-05 (2002096310)
[30] US (09/866,841) 2001-05-30
[30] US (60/330,977) 2001-11-05

[21] **2,448,678**
[13] A1
[51] **Int.Cl. 7G03B 17/00 7H04N 5/232**
[25] EN
[54] **HAND-HELD REMOTE CONTROL AND DISPLAY SYSTEM FOR FILM AND VIDEO CAMERAS AND LENSES**
[54] **TELECOMMANDE A TENUE MANUELLE POUR CAMERAS OU CAMESCOPIES ET POUR LENTILLES**
[72] MAYER, ALBERT L., JR., US
[72] ZHOU, ZHEN, US
[72] YONG, BOON, US
[72] DANG, BRIAN, US
[71] PANAVISION, INC., US
[85] 2003-11-27
[86] 2002-05-29 (US2002017286)
[87] 2002-12-05 (2002097528)
[30] US (60/294,482) 2001-05-30
[30] US (10/159,933) 2002-05-29

[21] **2,448,679**
[13] A1
[51] **Int.Cl. 7B64C 29/00**
[25] EN
[54] **DUCTED FAN VEHICLES PARTICULARLY USEFUL AS VTOL AIRCRAFT**
[54] **VEHICULES A SOUFFLANTE CANALISEE PARTICULIEREMENT UTILES EN TANT QU'AERONEF ADAV**
[72] YOELI, RAFI, IL
[71] ROMEO YANKEE LTD., IL
[85] 2003-11-26
[86] 2002-05-28 (IL2002000417)
[87] 2002-12-05 (2002096750)
[30] US (09/865,678) 2001-05-29

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[21] **2,448,682**
[13] A1

[51] **Int.Cl. 7G06N 1/00**
[25] EN
[54] **QUANTUM PROCESSING SYSTEM FOR A SUPERCONDUCTING PHASE QUBIT**
[54] **SYSTEME DE TRAITEMENT DE QUANTUM POUR BIT QUANTIQUE SUPERCONDUCTEUR DE PHASE**
[72] AMIN, MOHAMMAD H. S., CA
[72] ROSE, GEORDIE, CA
[72] ZAGOSKIN, ALEXANDRE M., CA
[72] HILTON, JEREMY P., CA
[71] D-WAVE SYSTEMS, INC., CA
[85] 2003-11-27
[86] 2002-05-29 (CA2002000787)
[87] 2002-12-05 (2002097725)
[30] US (09/872,495) 2001-06-01

[21] **2,448,683**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **MAIL PIECE VERIFICATION SYSTEM**
[54] **SYSTEME DE VERIFICATION SUR ENVOI POSTAL**
[72] RYAN, FREDERICK W., JR., US
[72] FOTH, THOMAS J., US
[72] MORRISSEY, CATHY C., US
[72] PAULY, STEVEN J., US
[72] PINTSOV, LEON A., US
[71] PITNEY BOWES INC., US
[85] 2003-11-26
[86] 2001-12-11 (US2001047702)
[87] 2002-07-04 (2002051560)
[30] US (09/748,889) 2000-12-27
[30] US (09/777,592) 2001-02-05

[21] **2,448,684**
[13] A1

[51] **Int.Cl. 7G07C 5/00 7B61K 9/00 7G08G 1/123**
[25] EN
[54] **A SYSTEM AND METHOD FOR MONITORING THE CONDITION OF A VEHICLE**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE L'ETAT D'UN VEHICULE**
[72] CRYER, ROBERT D., US
[72] HANDLER, LARRY R., US
[72] DANIEL, CECIL M., US
[72] ABDEL-MALEK, AIMAN ALBERT, US
[72] AZZARO, STEVEN HECTOR, US
[72] HEDEEN, ROBERT A., US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2003-11-27
[86] 2002-05-29 (US2002017029)
[87] 2002-12-05 (2002097738)
[30] US (60/294,330) 2001-05-30
[30] US (10/159,512) 2001-05-30

[21] **2,448,685**
[13] A1

[51] **Int.Cl. 7G06K 7/00 7G06K 19/07**
[25] EN
[54] **METHOD FOR CODING A SEQUENCE OF DATA BYTES, ESPECIALLY FOR TRANSFERRING VIA AN AIR INTERFACE**
[54] **PROCEDE DE CODAGE D'UNE SEQUENCE D'OCTETS DE DONNEES, EN PARTICULIER EN VUE D'UNE TRANSMISSION PAR L'INTERMEDIAIRE D'UNE INTERFACE HERTZIENNE**
[72] CUYLEN, MICHAEL, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2003-11-26
[86] 2003-03-17 (DE2003000854)
[87] 2003-10-09 (2003083761)
[30] DE (102 14 113.4) 2002-03-28

[21] **2,448,686**
[13] A1

[51] **Int.Cl. 7H04B 3/56**
[25] EN
[54] **FIBEROPTIC COUPLING**
[54] **COUPLAGE DE FIBRE OPTIQUE**
[72] NEUENKIRCHEN, JENS-HENRIK, NO
[72] SORUM, ANDERS, NO
[71] STATOIL ASA, NO
[85] 2003-11-27
[86] 2002-05-27 (NO2002000184)
[87] 2002-12-05 (2002098013)
[30] NO (2001.2669) 2001-05-30

[21] **2,448,687**
[13] A1

[51] **Int.Cl. 7B65H 37/00**
[25] EN
[54] **A HAND-HELD DEVICE FOR APPLYING A FILM, FOR EXAMPLE, OF ADHESIVE, COVERING OR COLOURED MATERIAL FROM A BACKING TAPE ONTO A SUBSTRATE**
[54] **DISPOSITIF A MAIN POUR L'APPLICATION D'UN FILM, PAR EXEMPLE, DE COLLE, DE REVETEMENT OU DE MATERIAU COLORE A PARTIR D'UN RUBAN DE SUPPORT SUR UN SUBSTRAT**
[72] HUTHMACHER, WINFRIED, DE
[72] SCHNEIDER, ROLAND, DE
[71] SOCIETE BIC, FR
[85] 2003-11-26
[86] 2002-06-19 (EP2002006785)
[87] 2003-01-16 (2003004390)
[30] EP (01116330.0) 2001-07-05

[21] **2,448,688**
[13] A1

[51] **Int.Cl. 7C08L 83/04**
[25] EN
[54] **SILICONE RUBBER COMPOSITION**
[54] **COMPOSITION DE CAOUTCHOUC DE SILICONE**
[72] OTA, KENJI, JP
[72] HONMA, HIROSHI, JP
[71] DOW CORNING TORAY SILICONE CO., LTD., JP
[85] 2003-11-26
[86] 2002-05-29 (JP2002005244)
[87] 2002-12-05 (2002096992)
[30] JP (2001-165944) 2001-05-31

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[21] **2,448,689**
[13] A1

[51] **Int.Cl. 7A61K 9/70 7A61K 45/00 7A61P 29/00 7A61K 47/10 7A61K 47/12 7A61K 47/18 7A61K 31/196 7A61K 47/32**
[25] EN
[54] **PERCUTANEOUSLY ABSORBABLE PATCHES**
[54] **TIMBRES A ABSORPTION PAR VOIE PERCUTANEE**
[72] KURITA, TOMONORI, JP
[72] TAKADA, YASUNORI, JP
[72] TANAKA, KOJI, JP
[72] IKEURA, YASUHIRO, JP
[71] HISAMITSU PHARMACEUTICALS CO., INC., JP
[85] 2003-11-27
[86] 2002-05-02 (JP2002004382)
[87] 2002-12-12 (2002098396)
[30] JP (2001-164065) 2001-05-31

[21] **2,448,691**
[13] A1

[51] **Int.Cl. 7E21B 43/10**
[25] EN
[54] **EXPANDABLE TUBULAR HAVING IMPROVED POLISHED BORE RECEPACLE PROTECTION**
[54] **TUBULAIRE EXTENSIBLE DOTE D'UNE PROTECTION DE CONTENANT A ALESAGE POLI AMELIORE**
[72] MACKAY, ALEXANDER CRAIG, GB
[72] LAURITZEN, J. ERIC, US
[72] TRAN, KHAI, US
[72] MAGUIRE, PATRICK G., US
[72] SIMPSON, NEIL ANDREW
ABERCROMBIE, GB
[72] COON, ROBERT JOE, US
[71] WEATHERFORD/LAMB, INC., US
[85] 2003-11-26
[86] 2002-10-28 (GB2002004898)
[87] 2003-05-08 (2003038237)
[30] US (10/003,578) 2001-11-02

[21] **2,448,692**
[13] A1

[51] **Int.Cl. 7A61M 5/142**
[25] EN
[54] **LARGE VOLUME BOLUS DEVICE AND METHOD**
[54] **PROCEDE ET DISPOSITIF POUR BOLUS DE LARGE VOLUME**
[72] MASSENGALE, ROGER DILLARD, US
[72] KEACHEY, ROBERT B., US
[71] I-FLOW CORPORATION, US
[85] 2003-11-27
[86] 2002-05-31 (US2002017155)
[87] 2002-12-12 (2002098493)
[30] US (60/295,070) 2001-06-01

[21] **2,448,693**
[13] A1

[51] **Int.Cl. 7F23Q 2/28 7H01L 41/08**
[25] EN
[54] **CHILD-RESISTANT PIEZOELECTRIC LIGHTER**
[54] **BRIQUET PIEZOELECTRIQUE A SECURITE-ENFANT**
[72] ORAZIETTI, RICHARD M., US
[71] BIC CORPORATION, US
[85] 2003-11-26
[86] 2002-05-28 (US2002016799)
[87] 2002-12-05 (2002097331)
[30] US (09/865,508) 2001-05-29

[21] **2,448,694**
[13] A1

[51] **Int.Cl. 7G01B 11/26 7B61L 23/00 7G01P 3/38**
[25] EN
[54] **AUTOMATED WHEEL SLIDE DETECTOR**
[54] **DETECTEUR D'ENRAYAGE AUTOMATIQUE**
[72] KILIAN, KRZYSZTOF PIOTR, AU
[71] LYNX ENGINEERING CONSULTANTS PTY LTD, AU
[85] 2003-11-26
[86] 2002-05-28 (AU2002000680)
[87] 2002-12-05 (2002097365)
[30] AU (PR 5299) 2001-05-28

[21] **2,448,695**
[13] A1

[51] **Int.Cl. 7A61N 1/20 7A61N 1/32**
[25] EN
[54] **APPARATUS FOR FACILITATING WOUND HEALING**
[54] **APPAREIL ET PROCEDES FACILITANT LA CICATRISATION D'UNE PLAIE**
[72] VAN, ROYEN DONALD, US
[72] BROOKS, CHRISTOPHER, US
[72] ANDINO, RAFAEL, US
[71] BIOFISICA, LLC, US
[85] 2003-11-27
[86] 2002-05-31 (US2002017393)
[87] 2002-12-12 (2002098502)
[30] US (09/872,956) 2001-06-01

[21] **2,448,696**
[13] A1

[51] **Int.Cl. 7B01L 3/00 7B65D 25/02**
[25] EN
[54] **DUAL CHAMBER DISSOLUTION CONTAINER WITH PASSIVE AGITATION**
[54] **CONTENEUR DE DISSOLUTION A DEUX CHAMBRES A AGITATION PASSIVE**
[72] FITZGERALD, CAROLYN, US
[72] TAYLOR, MICHAEL, US
[71] PRISMEDICAL CORPORATION, US
[85] 2003-11-26
[86] 2002-05-06 (US2002014576)
[87] 2002-11-14 (2002089960)
[30] US (60/289,030) 2001-05-04

[21] **2,448,697**
[13] A1

[51] **Int.Cl. 7C23C 16/40 7F17C 13/00 7C23C 16/04**
[25] EN
[54] **METHOD OF MAKING A PASSIVATED SURFACE**
[54] **GAZ A FAIBLE CONCENTRATION ET A STABILITE AMELIOREE, PROCEDES DE PRODUCTION DE CES GAZ ET PRODUITS DERIVES DE CEUX-CI**
[72] JACKSIER, TRACEY, US
[72] BENESCH, ROBERT, US
[71] L'AIR LIQUIDE - SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES
GEORGES CLAUDE, FR
[85] 2003-11-26
[86] 2002-07-15 (IB2002002770)
[87] 2003-01-30 (2003008664)
[30] US (60/306,014) 2001-07-17
[30] US (10/157,466) 2002-05-29

[21] **2,448,700**
[13] A1

[51] **Int.Cl. 7G01F 25/00 7G01F 23/26**
[25] EN
[54] **DISCRETE LEVEL MEASUREMENT DEVICE WITH AUTOMATIC THRESHOLD SETTING**
[54] **.DISPOSITIF DE MESURE DE NIVEAU DISCRET A ETABLISSEMENT DE SEUIL AUTOMATIQUE**
[72] HAFER, KEVIN G., US
[71] AMETEK, INC., US
[85] 2003-11-26
[86] 2002-05-24 (US2002016370)
[87] 2002-12-05 (2002097380)
[30] US (60/294,791) 2001-05-31
[30] US (10/155,060) 2002-05-23

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[13] A1

[51] **Int.Cl. 7C08F 10/10 7C08F 10/08**
[25] EN
[54] **NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENT**
[54] **DECOLLEMENT NON AQUEUX DESTINE A UN EQUIPEMENT DE MACHINE A PAPIER**
[72] HENDRIKS, WILLIAM A., US
[72] PEASE, JACQUELINE K., US
[71] HERCULES INCORPORATED, US
[85] 2003-11-26
[86] 2002-05-23 (US2002016805)
[87] 2002-12-05 (2002096963)
[30] US (09/866,830) 2001-05-29

[21] **2,448,703**
[13] A1

[51] **Int.Cl. 7G01N 27/327 7C12Q 1/00**
[25] EN
[54] **CROSS-LINKED ENZYME MATRIX AND USES THEREOF**
[54] **MATRICE ENZYMATIQUE RETICULEE ET UTILISATIONS ASSOCIEES**
[72] PAMIDI, PRASAD, US
[72] SHIN, MELANIE, US
[72] XU, CLARKE, US
[72] COSOFRET, VASILE, US
[72] MANSOURI, SOHRAB, US
[71] INSTRUMENTATION LABORATORY COMPANY, US
[85] 2003-11-26
[86] 2002-05-30 (US2002016817)
[87] 2002-12-05 (2002097419)
[30] US (09/872,240) 2001-05-31

[21] **2,448,705**
[13] A1

[51] **Int.Cl. 7G01N 27/38**
[25] EN
[54] **ANALYTICAL INSTRUMENTS AND BIOSENSORS, AND METHODS FOR INCREASING THEIR ACCURACY AND EFFECTIVE LIFE**
[54] **APPAREILS D'ANALYSE, BIOCAPTEURS ET METHODES ASSOCIEES**
[72] XU, CLARKE, US
[72] MANSOURI, SOHRAB, US
[72] COSOFRET, VASILE, US
[71] INSTRUMENTATION LABORATORY COMPANY, US
[85] 2003-11-26
[86] 2002-05-30 (US2002016818)
[87] 2002-12-05 (2002097414)
[30] US (09/871,885) 2001-05-31

[21] **2,448,710**
[13] A1

[51] **Int.Cl. 7H04L 1/00**
[25] EN
[54] **METHOD FOR PROTECTED TRANSMISSION OF DATA IN PARTICULAR FOR TRANSMISSION VIA AN AIR INTERFACE**
[54] **PROCEDE DE TRANSMISSION SECURISEE DE DONNEES, EN PARTICULIER PAR L'INTERMEDIAIRE D'UNE INTERFACE HERTZIENNE**
[72] CUYLEN, MICHAEL, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2003-11-26
[86] 2003-03-17 (DE2003000858)
[87] 2003-10-09 (2003084113)
[30] DE (102 14 188.6) 2002-03-28

[21] **2,448,711**
[13] A1

[51] **Int.Cl. 7G01N 33/48**
[25] EN
[54] **USE OF DUCKWEED IN HIGH THROUGHPUT SCREENING**
[54] **UTILISATION DE LENTILLES D'EAU DANS UN SYSTEME DE CRIBLAGE A HAUTE CAPACITE**
[72] DICKEY, LYNN, US
[72] STOMP, ANNE-MARIE, US
[72] HOUGHTELING, BILLY, US
[72] RAJBHANDARI, NIRMALA, US
[71] BIOLEX, INC., US
[85] 2003-11-26
[86] 2002-05-30 (US2002016938)
[87] 2002-12-05 (2002097433)
[30] US (60/294,351) 2001-05-30

[21] **2,448,713**
[13] A1

[51] **Int.Cl. 7G01N 27/00**
[25] EN
[54] **ANALYTICAL INSTRUMENTS, BIOSENSORS AND METHODS THEREOF**
[54] **INSTRUMENTS D'ANALYSE, BIOCAPTEURS ET METHODES ASSOCIEES**
[72] COSOFRET, VASILE, US
[72] MANSOURI, SOHRAB, US
[72] XU, CLARKE, US
[71] INSTRUMENTATION LABORATORY COMPANY, US
[85] 2003-11-26
[86] 2002-05-30 (US2002016947)
[87] 2002-12-05 (2002097415)
[30] US (09/872,247) 2001-05-31

[21] **2,448,716**
[13] A1

[51] **Int.Cl. 7F16B 37/04**
[25] EN
[54] **LOCATING PIN ON DOUBLE ENDED STUD**
[54] **TIGE DE POSITIONNEMENT SUR GOUJON A DOUBLE EXTREMITÉ**
[72] WOJCIECHOWSKI, STANLEY E., US
[72] MCSHANE, MICHAEL J., US
[71] FABRISTEEL PRODUCTS INCORPORATED, US
[85] 2003-11-26
[86] 2002-02-07 (US2002003746)
[87] 2003-01-30 (2003008817)
[30] US (09/909,260) 2001-07-19
[30] US (09/957,720) 2001-09-21

[21] **2,448,717**
[13] A1

[51] **Int.Cl. 7B29C 45/77**
[25] EN
[54] **METHOD AND APPARATUS FOR MOLDING COMPOSITE ARTICLES**
[54] **PROCEDE ET APPAREIL PERMETTANT DE MOULER DES ARTICLES COMPOSITES**
[72] BEAL, STEVEN A., US
[72] MOORE, JOHN H., US
[71] JHM TECHNOLOGIES, INC., US
[85] 2003-11-26
[86] 2002-05-31 (US2002017665)
[87] 2002-12-05 (2002096618)
[30] US (60/294,712) 2001-05-31
[30] US (60/360,556) 2002-02-26

[21] **2,448,721**
[13] A1

[51] **Int.Cl. 7A61B 10/00**
[25] EN
[54] **DEVICE FOR COLLECTING LIQUID SAMPLES**
[54] **DISPOSITIF PERMETTANT DE COLLECTER DES ECHANTILLONS LIQUIDES**
[72] ULLMANN, MARTIN, DE
[72] ECKERMANN, MARTIN, DE
[72] LINDNER, BERND, DE
[71] ENVITEC-WISMAR GMBH, DE
[85] 2003-11-26
[86] 2002-05-28 (EP2002005868)
[87] 2002-12-05 (2002097389)
[30] DE (101 26 583.2) 2001-05-31

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[21] **2,448,722**
[13] A1

[51] **Int.Cl. 7A61K 31/46 7A61P 25/22 7A61K 31/4418**
[25] EN
[54] **USE OF NK-1 RECEPTOR ANTAGONISTS TO MODIFY UNWANTED BEHAVIOR IN DOGS, CATS AND HORSES**
[54] **UTILISATION D'ANTAGONISTES DU RECEPTEUR NK-1 POUR MODIFIER UN COMPORTEMENT INDESIRABLE CHEZ DES CHIENS, DES CHATS ET DES CHEVAUX**
[72] HICKMAN, MARY ANNE, US
[72] KILROY, CAROLYN ROSE, US
[72] BRONK, BRIAN SCOTT, US
[71] PFIZER PRODUCTS INC., US
[85] 2003-11-26
[86] 2002-07-15 (IB2002002847)
[87] 2003-02-06 (2003009848)
[30] US (60/306,692) 2001-07-20

[21] **2,448,725**
[13] A1

[51] **Int.Cl. 7A61F 5/445 7A61F 5/44**
[25] EN
[54] **AN OSTOMY APPLIANCE**
[54] **ACCESSOIRE DE STOMIE**
[72] ANDERSEN, BIRTHE VESTBO, DK
[72] OLSEN, ESKIL HOJLAND, DK
[72] HANSEN, SOEREN, DK
[71] COLOPLAST A/S, DK
[85] 2003-11-26
[86] 2002-06-13 (DK2002000400)
[87] 2002-12-27 (2002102289)
[30] DK (PA 2001 00935) 2001-06-15

[21] **2,448,727**
[13] A1

[51] **Int.Cl. 7B24B 23/02 7B24B 23/00 7B26B 3/00 7B23C 7/00**
[25] EN
[54] **TOOL FOR THE REMOVAL OF PAINT-LIKE MATERIALS FROM WORK SURFACES**
[54] **OUTIL PERMETTANT DE RETIRER DES MATERIAUX DE TYPE PEINTURE DES SURFACES DE TRAVAIL**
[72] SARANTITIS, ANDREAS, US
[71] SARANTITIS, ANDREAS, US
[85] 2003-11-26
[86] 2002-06-03 (US2002017391)
[87] 2002-12-12 (2002098591)
[30] US (09/872,866) 2001-06-04

[21] **2,448,728**
[13] A1

[51] **Int.Cl. 7G01N 27/447**
[25] EN
[54] **ELECTROPHORESIS METHODS**
[54] **PROCEDES D'ELECTROPHORESE**
[72] TABUCHI, MARI, JP
[72] BABA, YOSHINOBU, JP
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP
[85] 2003-11-26
[86] 2001-05-29 (JP2001004510)
[87] 2002-12-05 (2002097421)

[21] **2,448,730**
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **METHOD AND SYSTEM FOR IMPROVING RESPONSE TIME OF A QUERY FOR A PARTITIONED DATABASE OBJECT**
[54] **PROCEDE ET SYSTEME D'AMELIORATION DU TEMPS DE REPONSE A UNE REQUETE REALISEE SUR UN OBJET BASE DE DONNEES PARTITIONNEE**
[72] AGARWAL, NIPUN, US
[72] MURTHY, RAVI, US
[71] ORACLE INTERNATIONAL CORPORATION, US
[85] 2003-11-26
[86] 2002-05-28 (US2002016775)
[87] 2002-12-05 (2002097675)
[30] US (09/872,670) 2001-05-31

[21] **2,448,731**
[13] A1

[51] **Int.Cl. 7B27N 5/00**
[25] EN
[54] **DECORATIVE SKIRTING (BASE) BOARD OR CROWN MOLDING**
[54] **PLINTHE DECORATIVE OU MOULURE COURONNEE**
[72] LYNCH, STEVEN K., US
[72] PAXTON, DAVID, GB
[71] MASONITE CORPORATION, US
[85] 2003-11-27
[86] 2002-03-29 (US2002009884)
[87] 2003-01-09 (2003002319)
[30] US (09/871,114) 2001-05-31

[21] **2,448,735**
[13] A1

[51] **Int.Cl. 7C07D 487/04 7C07D 239/00 7C07D 277/00 7C07D 519/00 7A61K 31/00 7A61P 43/00 7C07D 495/04 7C07D 487/14**
[25] EN
[54] **NOVEL SUBSTITUTED TETRACYCLIC IMIDAZOLE DERIVATIVES, PROCESSES FOR THEIR PREPARATION, PHARMACEUTICAL COMPOSITIONS COMPRISING THEM AND THEIR USE AS A MEDICINE**
[54] **NOUVEAUX DERIVES D'IMIDAZOLE TETRACYCLIQUES SUBSTITUES, PROCESSES DE PREPARATION DE CEUX-CI, COMPOSITIONS PHARMACEUTIQUES LES CONTENANT ET LEUR UTILISATION COMME MEDICAMENT**
[72] FERNANDEZ-GADEA, FRANCISCO JAVIER, ES
[72] BARTOLOME-NEBRED, JOSE MANUEL, ES
[72] GOMEZ-SANCHEZ, ANTONIO, ES
[72] LEENAERTS, JOSEPH ELISABETH, BE
[72] VAN ROSSEM, KOENRAAD ARTHUR, BE
[72] JANSSENS, FRANS EDUARD, BE
[72] MARTINEZ-JIMENEZ, PEDRO, ES
[72] VAN REEMPTS, JOS, BE
[72] ALCAZAR-VACA, MANUEL JESUS, ES
[71] JANSSEN PHARMACEUTICA N.V., BE
[85] 2003-11-26
[86] 2002-06-11 (EP2002006576)
[87] 2002-12-19 (2002100862)
[30] EP (01202260.4) 2001-06-12

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[21] **2,448,736**
[13] A1

[51] **Int.Cl. 7B29C 33/38 7G21K 1/02 7B29C 39/10 7F21V 11/14 7B29C 39/34 7B29C 33/40**
[25] EN
[54] **METHODS FOR MANUFACTURING THREE-DIMENSIONAL DEVICES AND DEVICES CREATED THEREBY**
[54] **PROCEDES DE FABRICATION DE DISPOSITIFS TRIDIMENSIONNELS, ET DISPOSITIFS CREEES PAR CES PROCEDES**
[72] ATKINSON, JAMES E., US
[72] FRASER, IAIN, US
[72] APPLEBY, MICHAEL P., US
[71] MIKRO SYSTEMS, INC., US
[85] 2003-11-26
[86] 2002-06-05 (US2002017936)
[87] 2002-12-12 (2002098624)
[30] US (60/295,564) 2001-06-05
[30] US (60/339,773) 2001-12-17

[21] **2,448,738**
[13] A1

[51] **Int.Cl. 7G06F 3/00 7G09G 5/00 7G06F 5/01 7G06T 11/80**
[25] EN
[54] **SYSTEM AND METHOD OF PEN-BASED DATA INPUT INTO A COMPUTING DEVICE**
[54] **SYSTEME ET PROCEDE DE SAISIE PAR STYLET POUR DISPOSITIF INFORMATIQUE**
[72] CHANG, MICHAEL, CA
[72] TAM, KIFFIN KIN FONG, CA
[72] LEUNG, PAUL CHUNG PO, CA
[72] HO, KENNETH KEE, CA
[71] EMPOWER TECHNOLOGIES, INC., US
[85] 2003-11-26
[86] 2002-05-31 (US2002017345)
[87] 2002-12-05 (2002098049)
[30] US (60/295,067) 2001-05-31
[30] US (60/305,385) 2001-07-13
[30] US (10/160,434) 2002-05-31

[21] **2,448,739**
[13] A1

[51] **Int.Cl. 7B21J 15/34 7B23P 19/00 7B25B 23/04**
[25] FR
[54] **OUTIL PORTATIF DESTINE A ETRE UTILISE POUR L'INSTALLATION D'ELEMENTS DE FIXATION**
[54] **PORTABLE TOOL FOR INSTALLING FIXING ELEMENTS**
[72] SCHMITT, GENEVIEVE, FR
[71] ADVANCED AUTOMATION, FR
[85] 2003-11-26
[86] 2002-06-14 (FR2002002060)
[87] 2002-12-27 (2002102530)
[30] FR (01/07822) 2001-06-15
[30] FR (02/07322) 2002-06-14

[21] **2,448,742**
[13] A1

[51] **Int.Cl. 7F01N 3/28**
[25] EN
[54] **COMBINED CATALYTIC MUFFLER**
[54] **POT DE DETENTE CATALYTIQUE COMBINE**
[72] KNIGHT, GLENN, CA
[71] ENVIRONMENTAL CONTROL CORPORATION, CA
[85] 2003-11-26
[86] 2002-06-21 (CA2002000929)
[87] 2003-01-09 (2003002855)
[30] US (09/891,328) 2001-06-27

[21] **2,448,743**
[13] A1

[51] **Int.Cl. 7B04B 1/20**
[25] EN
[54] **DECANTER CENTRIFUGE WITH A GEAR BOX MOUNTED ON THE BOWL**
[54] **CENTRIFUGEUSE DE DECANTATION A BOITE DE VITESSES MONTEE SUR LA CUVE**
[72] CALDWELL, JOHN W., US
[71] ALFA LAVAL, INC., US
[85] 2003-11-27
[86] 2002-04-16 (US2002011815)
[87] 2002-12-12 (2002098567)
[30] US (09/867,715) 2001-05-30

[21] **2,448,745**
[13] A1

[51] **Int.Cl. 7A61K 31/198 7A61P 9/00**
[25] EN
[54] **COMPOSITIONS BASED ON BRANCHED CHAIN AMINO ACIDS FOR IMPROVING THE MYOCARDIAL VENTRICULAR FUNCTION IN PATIENTS SUFFERING FROM DIABETES**
[54] **COMPOSITIONS A BASE D'ACIDES AMINES DESTINEES A AMELIORER LA FONCTION VENTRICULAIRE DU MYOCARDE CHEZ DES PATIENTS SOUFFRANT DU DIABETE**
[72] CONTI, FRANCO, IT
[72] DIOGUARDI, FRANCESCO SAVERIO, IT
[71] PROFESSIONAL DIETETICS S.R.L., IT
[85] 2003-11-26
[86] 2002-06-10 (IB2002002149)
[87] 2002-12-27 (2002102360)
[30] IT (TO2001A000580) 2001-06-15

[21] **2,448,746**
[13] A1

[51] **Int.Cl. 7C12N 5/06 7G01N 33/68**
[25] EN
[54] **METHODS AND COMPOSITIONS USEFUL FOR THE PREDICTION OF BLOOD-BRAIN BARRIER PERMEATION**
[54] **METHODES ET COMPOSITIONS UTILES POUR PREDIRE LA PERMEABILITE DE LA BARRIERE HEMATO-ENCEPHALIQUE**
[72] KERNS, EDWARD HARVEL, US
[72] DI, LI, US
[71] WYETH COMPANY, US
[85] 2003-11-26
[86] 2002-06-20 (US2002019736)
[87] 2003-01-09 (2003003007)
[30] US (60/302,085) 2001-06-29

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[21] **2,448,747**
[13] A1

[51] **Int.Cl. 7B23Q 11/10**
[25] EN
[54] **AN APPARATUS AND METHOD FOR MACHINING WITH CRYOGENICALLY COOLED OXIDE-CONTAINING CERAMIC CUTTING TOOLS**
[54] **DISPOSITIF ET PROCEDE D'USINAGE AU MOYEN D'OUTILS DE DECOUPAGE EN CERAMIQUE CONTENANT DE L'OXYDE, A REFROIDISSEMENT CRYOGENIQUE**
[72] ZURECKI, ZBIGNIEW, US
[72] SNYDER, BRUCE EDWARD, US
[72] FREY, JOHN HERBERT, US
[72] JEWELL, PHILIP BURTON JR., US
[72] GHOSH, RANAJIT, US
[72] SWAN, ROBERT BRUCE, US
[72] TAYLOR, JAMES BRYAN, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[85] 2003-11-27
[86] 2002-05-23 (US2002016216)
[87] 2002-12-05 (2002096598)
[30] US (09/870,853) 2001-05-31

[21] **2,448,749**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7B60S 5/00**
[25] EN
[54] **2206437ESERVING SYSTEM D'INSPECTION**
[72] INOUE, MASAYUKI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[85] 2003-11-26
[86] 2002-05-29 (JP2002005173)
[87] 2002-12-27 (2002103593)
[30] JP (2001-179258) 2001-06-13

[21] **2,448,750**
[13] A1

[51] **Int.Cl. 7C08L 83/04 7C09D 183/04 7C08J 7/04 7C08L 83/06 7C08L 83/14**
[25] EN
[54] **SILICONE COMPOSITION FOR WATER-REPELLENT COATING**
[54] **COMPOSITION SILICONE POUR ENDUIT IMPERMEABILISANT**
[72] SASAKI, MOTOSHI, JP
[72] KOBAYASHI, HIDEKI, JP
[71] DOW CORNING TORAY SILICONE CO., LTD., JP
[85] 2003-11-26
[86] 2002-05-27 (JP2002005130)
[87] 2002-12-12 (2002098983)
[30] JP (2001-162086) 2001-05-30

[21] **2,448,751**
[13] A1

[51] **Int.Cl. 7A61B 17/58**
[25] EN
[54] **BONE ALIGNMENT LEVER OS**
[54] **LEVIER D'ALIGNEMENT POUR OS**
[72] GREEN, JAMES M., US
[72] KMIEC, JR., STANLEY J., US
[71] SYNTHES (U.S.A.), US
[85] 2003-11-27
[86] 2002-05-28 (US2002016657)
[87] 2002-12-05 (2002096294)
[30] US (09/865,507) 2001-05-29

[21] **2,448,753**
[13] A1

[51] **Int.Cl. 7A61K 9/00 7A61K 9/14 7A61K 9/16 7A61K 9/20 7A61K 9/28**
[25] EN
[54] **SURFACE ROUGHNESS QUANTIFICATION OF PHARMACEUTICAL, HERBAL, NUTRITIONAL DOSAGE FORMS AND COSMETIC PREPARATIONS**
[54] **QUANTIFICATION DE L'ETAT DE SURFACE DE FORMES POSOLOGIQUES PHARMACEUTIQUES, A BASE D'HERBES, NUTRITIONNELLES ET PREPARATIONS COSMETIQUES**
[72] KHAN, MANSOOR A., US
[71] TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER, US
[85] 2003-11-27
[86] 2002-05-29 (US2002016685)
[87] 2002-12-05 (2002096388)
[30] US (60/293,525) 2001-05-29

[21] **2,448,754**
[13] A1

[51] **Int.Cl. 7C10M 169/04 7C10M 101/02 7C10M 129/10 7C10M 135/10 7C10M 137/10 7C10M 133/12 7C10M 135/18 7C10M 159/24 7C10M 135/32 7C10M 133/56 7C10M 129/76**
[25] EN
[54] **OXADIAZOLE ADDITIVES FOR LUBRICANTS**
[54] **ADDITIFS OXADIAZOLE DESTINES A DES LUBRIFIANTS**
[72] NALESNIK, THEODORE E., US
[71] CROMPTON CORPORATION, US
[85] 2003-11-26
[86] 2002-05-24 (US2002016264)
[87] 2002-12-12 (2002099020)
[30] US (09/872,722) 2001-06-01

[21] **2,448,755**
[13] A1

[51] **Int.Cl. 7A63F 13/00**
[25] EN
[54] **SECURITY SYSTEM FOR BINGO-TYPE GAMES**
[54] **SYSTEME DE SECURITE POUR DES JEUX DE TYPE BINGO**
[72] LIND, JEFFERSON C., US
[71] MULTIMEDIA GAMES, INC., US
[85] 2003-11-27
[86] 2002-05-30 (US2002016856)
[87] 2002-12-05 (2002096529)
[30] US (09/870,578) 2001-05-30

[21] **2,448,757**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 21/04 7C12N 9/12 7C12P 19/34**
[25] EN
[54] **ACCURATE AND EFFICIENT QUANTIFICATION OF DNA SENSITIVITY BY REAL-TIME PCR**
[54] **QUANTIFICATION PRECISE ET EFFICACE DE LA SENSIBILITE D'ADN PAR PCR EN TEMPS REEL**
[72] STAMATOYANNOPOULOS, JOHN, A., US
[72] DORSCHNER, MICHAEL O., US
[72] MCARTHUR, MICHAEL, GB
[71] STAMATOYANNOPOULOS, JOHN, A., US
[71] DORSCHNER, MICHAEL O., US
[71] MCARTHUR, MICHAEL, GB
[85] 2003-11-27
[86] 2002-05-30 (US2002016967)
[87] 2002-12-05 (2002097135)
[30] US (60/294,890) 2001-05-30

[21] **2,448,758**
[13] A1

[51] **Int.Cl. 7C02F 1/30 7C02F 9/00 7C02F 1/32 7C02F 1/48**
[25] EN
[54] **A FLUID TREATMENT APPARATUS**
[54] **APPAREIL DE TRAITEMENT DE FLUIDES**
[72] SUDDATH, RALPH, US
[71] HYDRO MUNICIPAL TECHNOLOGIES, LTD., US
[85] 2003-11-27
[86] 2002-05-30 (US2002016981)
[87] 2002-12-05 (2002096810)
[30] US (60/294,406) 2001-05-30
[30] US (60/297,627) 2001-06-12
[30] US (60/309,591) 2001-08-02

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[21] **2,448,759**
[13] A1

[51] **Int.Cl. 7E05B 65/46**
[25] EN
[54] **MULTIPLE DRAWER CABINET ALLOWING ONE DRAWER OPENED AT A TIME**
[54] **MEUBLE DE RANGEMENT A PLUSIEURS TIROIRS PERMETTANT DE N'OUVRIR QU'UN TIROIR A LA FOIS**
[72] SLIVON, GEORGE R., US
[71] SNAP-ON TECHNOLOGIES, INC., US
[85] 2003-11-26
[86] 2002-04-11 (US2002011440)
[87] 2002-12-12 (2002099234)
[30] US (09/867,823) 2001-05-30

[21] **2,448,760**
[13] A1

[51] **Int.Cl. 7A61K 9/16 7A61K 9/20**
[25] EN
[54] **SOLID PREPARATION**
[54] **PREPARATION SOLIDE**
[72] SUGAYA, MASAE, JP
[72] SHIMIZU, TOSHIHIRO, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[85] 2003-11-26
[86] 2002-08-29 (JP2002008704)
[87] 2003-03-06 (2003017980)
[30] JP (2001-263481) 2001-08-31
[30] JP (2001-341477) 2001-11-07
[30] JP (2002-060006) 2002-03-06

[21] **2,448,761**
[13] A1

[51] **Int.Cl. 7A61B 5/117 7G07C 9/00 7G06K 9/00**
[25] EN
[54] **APPARATUS AND METHOD OF BIOMETRIC DETERMINATION ON THE BASIS OF SPECTRAL OPTICAL MEASUREMENTS**
[54] **APPAREIL ET PROCEDE DE MESURE BIOMETRIQUE UTILISANT DES SYSTEMES DE SPECTROSCOPIE OPTIQUES SPECIALISES**
[72] ROWE, ROBERT K., US
[72] CORCORAN, STEPHEN P., US
[72] HENDEE, SHONN P., US
[71] LUMIDIGM, INC., US
[85] 2003-11-27
[86] 2002-01-15 (US2002001091)
[87] 2002-12-12 (2002099393)
[30] US (09/874,740) 2001-06-05

[21] **2,448,762**
[13] A1

[51] **Int.Cl. 7G01N 33/543**
[25] EN
[54] **PRESSURE TRANSDUCED CHEMICAL ASSAY AND METHOD**
[54] **PROCEDE ET ESSAI CHIMIQUE PAR TRANSDUCTION DE PRESSION**
[72] SAND, THEODORE, US
[71] DISAN, INC., US
[85] 2003-11-27
[86] 2002-04-15 (US2002012052)
[87] 2002-12-12 (2002099430)
[30] US (60/294,861) 2001-05-30

[21] **2,448,763**
[13] A1

[51] **Int.Cl. 7A61K 31/64 7A61P 3/10 7A61K 31/19 7A61K 31/325 7A61P 5/50**
[25] EN
[54] **A PHARMACEUTICAL COMBINATION COMPRISING EITHER (S)-2-ETHOXY-3-[4-(2-{4-METHANE SULFONYL OXYPHENYL} ETHOXY) PHENYL] PROPANOIC ACID OR 3-[4-[2-(4-TERT-BUTOXY CARBONYL AMINOPHENYL)ETHOXY] PHENYL]-(S)-2-ETHOXY PROPANOIC ACID AND A SULONYLUREA**
[54] **COMBINAISON PHARMACEUTIQUE COMPRENANT SOIT DE L'ACIDE (S)-2-ETHOXY-3-[4-(2-{4-METHANESULFONYLOXYPHENYL}ETHOXY)PHENYL]PROPIONIQUE OU 3-[4-[2-(4-TERT-BUTOXYCARBONYLAMINOPHENYL) ETHOXY]PHENYL]-(S)-2-ETHOXY PROPIONIQUE ET UNE SULFONYLUREE**
[72] OEHMAN, PETER, US
[71] ASTRAZENECA AB, SE
[85] 2003-11-27
[86] 2002-05-30 (SE2002001036)
[87] 2002-12-19 (2002100413)
[30] SE (0101982-7) 2001-06-01

[21] **2,448,764**
[13] A1

[51] **Int.Cl. 7C07C 235/38 7A61P 11/00 7A61P 13/00 7A61P 29/00 7A61P 17/04 7A61P 25/04 7C07C 311/08 7C07D 261/08 7C07D 339/08 7A61P 37/08 7C07D 321/10 7C07D 295/135 7C07D 209/14 7C07D 211/14 7A61P 27/16 7A61K 31/167 7C07D 319/18 7C07C 237/20 7C07D 221/20 7C07D 277/28 7C07D 333/28 7C07D 207/335 7A61K 31/341 7A61K 31/343 7A61K 31/357 7A61K 31/36 7A61K 31/381 7A61K 31/385 7C07D 209/40 7C07D 213/40 7A61K 31/40 7A61K 31/404 7A61K 31/4164 7A61K 31/426 7A61K 31/4402 7A61K 31/4406 7A61K 31/4409 7A61K 31/445 7A61K 31/4453 7A61K 31/451 7A61K 31/47 7A61K 31/505 7C07D 239/52 7C07D 307/52 7A61K 31/5375 7A61K 31/55 7C07D 317/58 7C07D 333/58 7C07D 233/61 7C07D 307/81 7C07D 307/91**
[25] EN
[54] **N-ARYLPHENYLACETAMIDE DERIVATIVES AND MEDICINAL COMPOSITIONS CONTAINING THE SAME**
[54] **DERIVES DE N-ARYLPHENYLACETAMIDE ET COMPOSITIONS MEDICINALES CONTENANT LESDITS DERIVES**
[72] MORIE, TOSHIYA, JP
[72] ADACHI, KEIJI, JP
[72] NIIDOME, KAZUMI, JP
[72] KAWASHIMA, KATSUYOSHI, JP
[72] ISHII, DAISUKE, JP
[72] SHIMIZU, ISAO, JP
[71] DAINIPPON PHARMACEUTICAL CO., LTD., JP
[85] 2003-11-26
[86] 2002-06-06 (JP2002005586)
[87] 2002-12-19 (2002100819)
[30] JP (2001-176252) 2001-06-11

[21] **2,448,765**
[13] A1

[51] **Int.Cl. 7F16K 3/02 7F16K 25/00 7F16K 47/02**
[25] EN
[54] **VALVES INCLUDING THERMALLY SPRAYED SEALING COMPONENTS**
[54] **SOUPAPES POURVUES DE COMPOSANTS D'ETANCHEITE THERMIQUEMENT PULVERISEES**
[72] GILBERT, JEFFREY L., US
[71] NEWFREY LLC, US
[85] 2003-11-26
[86] 2003-04-16 (US2003011569)
[87] 2003-10-30 (2003089818)
[30] US (10/126,739) 2002-04-19

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[21] **2,448,766**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **INSPECTION AND AUDIT PROCESS FOR SHIPPED GOODS UTILIZING ONLINE GLOBAL PRICING SYSTEM**
[54] **PROCEDE D'INSPECTION ET D'AUDIT DESTINE AUX BIENS DE CONSOMMATION EXPEDIES ET FONDE SUR UN SYSTEME DE TARIFICATION MONDIAL FONCTIONNANT EN LIGNE**
[72] PATEL, PRITESH, US
[72] GARCIA, OSWALDO, US
[72] HOFFMAN, ROBERT, US
[72] ROBINSON, ALLAN, US
[72] SULTAN, TAREK, KW
[71] PUBLIC WAREHOUSING COMPANY KSC, KW
[85] 2003-11-27
[86] 2002-05-31 (US2002016991)
[87] 2002-12-05 (2002097583)
[30] US (60/294,248) 2001-05-31

[21] **2,448,767**
[13] A1

[51] **Int.Cl. 7F02K 3/02**
[25] EN
[54] **PIVOT FAIRING THRUST REVERSER**
[54] **INVERSEUR DE POUSSEE A CARENAGES EN COUPOLE PIVOTANTS**
[72] MODGLIN, RODGER L., US
[72] PETERS, FREDERICK H., US
[71] THE NORDAM GROUP, INC., US
[85] 2003-11-27
[86] 2002-06-07 (US2002017979)
[87] 2002-12-19 (2002101222)
[30] US (09/877,826) 2001-06-08

[21] **2,448,770**
[13] A1

[51] **Int.Cl. 7G06N 5/02**
[25] EN
[54] **SYSTEM AND METHOD FOR GEOCODING DIVERSE ADDRESS FORMATS**
[54] **SYSTEME ET PROCEDE DE GEOCODAGE DE STRUCTURES D'ADRESSES DIVERSES**
[72] SCHWERIN, CHUCK, US
[72] MILLER, JULIA, K., US
[71] MAPINFO CORPORATION, US
[85] 2003-11-27
[86] 2002-05-31 (US2002017096)
[87] 2002-12-05 (2002097726)
[30] US (60/295,103) 2001-05-31

[21] **2,448,771**
[13] A1

[51] **Int.Cl. 7H04N 7/30**
[25] EN
[54] **VARIABLE LENGTH ENCODING METHOD AND VARIABLE LENGTH DECODING METHOD**
[54] **PROCEDE DE CODAGE DE LONGUEUR VARIABLE ET PROCEDE DE DECODAGE DE LONGUEUR VARIABLE**
[72] HAGAI, MAKOTO, JP
[72] KADONO, SHINYA, JP
[72] KONDO, SATOSHI, JP
[72] ABE, KIYOFUMI, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2003-11-26
[86] 2003-04-16 (JP2003004803)
[87] 2003-10-30 (2003090472)
[30] JP (2002-118483) 2002-04-19
[30] JP (2002-126029) 2002-04-26
[30] JP (2002-363106) 2002-12-13

[21] **2,448,773**
[13] A1

[51] **Int.Cl. 7B60C 17/04**
[25] EN
[54] **TIRE AND SUPPORT**
[54] **PNEU ET SUPPORT**
[72] GRAH, MICHAEL D., US
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[85] 2003-11-27
[86] 2002-05-29 (US2002017173)
[87] 2002-12-05 (2002096680)
[30] US (PCT/US01/17256) 2001-05-29

[21] **2,448,775**
[13] A1

[51] **Int.Cl. 7C07D 493/22 7A61P 35/00 7A61P 37/06 7C07D 407/14 7A61K 31/336 7A61K 31/343 7A61K 31/365 7C07D 307/77**
[25] EN
[54] **TRIPTOLIDE PRODRUGS HAVING HIGH AQUEOUS SOLUBILITY**
[54] **PROMEDICAMENTS CONTENANT DES TRIPTOLIDES A SOLUBILITE ELEVEE**
[72] DAI, DONGCHENG, US
[72] YUAN, HONGWEI, US
[72] MUSSER, JOHN H., US
[71] PHARMAGENESIS, INC., US
[85] 2003-11-26
[86] 2002-03-01 (US2002006081)
[87] 2002-09-12 (2002070472)
[30] US (09/798,319) 2001-03-02

[21] **2,448,776**
[13] A1

[51] **Int.Cl. 7C01B 3/38 7B01J 8/00 7B01J 19/00 7B01J 8/04 7B01J 19/24 7C01B 3/48 7C01B 3/58**
[25] EN
[54] **HEAT TRANSFER OPTIMIZATION IN MULTISHELL REFORMER**
[54] **OPTIMISATION DU TRANSFERT DE CHALEUR DANS UN REFORMEUR A CALANDRES MULTIPLES**
[72] CLAWSON, LAWRENCE G., US
[72] HAGAN, MARK R., US
[72] NORTHROP, WILLIAM F., US
[72] QI, CHUNMING FRANK, US
[71] NUVERA FUEL CELLS, INC., US
[85] 2003-11-27
[86] 2002-05-30 (US2002017177)
[87] 2002-12-05 (2002096797)
[30] US (09/870,412) 2001-05-30
[30] US (10/012,195) 2001-12-05

[21] **2,448,777**
[13] A1

[51] **Int.Cl. 7A61F 13/84 7A61F 13/511**
[25] EN
[54] **HIGH AMOUNT OF BENEFICIAL COMPONENTS IN THE TOP OF A SUBSTRATES**
[54] **COMPOSANTS TRAITANTS APPLIQUES SUR DES SUBSTRATS PRESENTANT UNE CONCENTRATION PREFERENTIELLE EN SURFACE**
[72] STONE, KIRSTEN K., US
[72] STAUDIGEL, JAMES ANTHONY, US
[72] KLOFTA, THOMAS JAMES, US
[72] TAYLOR, SHERMAN LEE II, US
[72] GATTO, JOSEPH ANTHONY, US
[72] RULE, JULIE CHARLENE, US
[72] ISELE, OLAF, US
[72] MCNALLY, MATTHEW GERALD, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-11-27
[86] 2002-06-21 (US2002019699)
[87] 2003-01-09 (2003002698)
[30] US (09/895,027) 2001-06-29

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[21] **2,448,779**
[13] A1

[51] **Int.Cl. 7A61F 13/49**
[25] EN
[54] **DISPOSABLE ABSORBENT ARTICLE HAVING HIGHLY EXTENSIBLE LEG OPENINGS AND FINISHED OUTER LEG CUFFS**
[54] **ARTICLE ABSORBANT JETABLE A OUVERTURES DE JAMBE TRES EXTENSIBLES ET LISIERES EXTERIEURES DE JAMBE FINIES**
[72] FUKUDA, EIRO, US
[72] ASHTON, GREGORY, US
[72] LANGDON, FREDERICK MICHAEL, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-11-28
[86] 2002-06-28 (US2002020807)
[87] 2003-01-09 (2003002051)
[30] US (09/897,823) 2001-06-29
[30] US (10/179,696) 2002-06-25

[21] **2,448,780**
[13] A1

[51] **Int.Cl. 7B01D 27/08 7B01D 35/30**
[25] EN
[54] **OIL FILTER MOUNTING PLATE ASSEMBLY**
[54] **ENSEMBLE PLAQUE DE MONTAGE DE FILTRE A HUILE**
[72] QUICK, GILBERT C., JR., US
[72] BASTICK, RYAN A., US
[71] FABRISTEEL PRODUCTS INCORPORATED, US
[85] 2003-11-27
[86] 2002-06-03 (US2002017239)
[87] 2002-12-19 (2002100503)
[30] US (60/296,636) 2001-06-07

[21] **2,448,781**
[13] A1

[51] **Int.Cl. 7H04B 10/08 7H04J 14/02**
[25] EN
[54] **CONTROL OF PARAMETERS IN A GLOBAL OPTICAL CONTROLLER**
[54] **REGLAGE DE PARAMETRES DANS UN ORGANE DE COMMANDE OPTIQUE GLOBAL**
[72] ZHANG, GENZAO G., CA
[72] HARLEY, JAMES, CA
[72] SHI, FENG, CA
[72] STRAWCZYNSKI, LEO, CA
[72] ROBERTS, KIM B., CA
[71] NORTEL NETWORKS LIMITED, CA
[85] 2003-11-27
[86] 2002-06-25 (CA2002000939)
[87] 2003-01-09 (2003003636)
[30] US (60/300,837) 2001-06-27
[30] US (09/956,557) 2001-09-20

[21] **2,448,783**
[13] A1

[51] **Int.Cl. 7A61M 25/01**
[25] EN
[54] **DISTAL TIP PORTION FOR A GUIDE WIRE**
[54] **POINTE DISTALE POUR FIL-GUIDE**
[72] ZHOU, PU, US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2003-11-27
[86] 2002-05-30 (US2002017333)
[87] 2002-12-05 (2002096492)
[30] US (09/870,324) 2001-05-30

[21] **2,448,786**
[13] A1

[51] **Int.Cl. 7G10L 21/00**
[25] EN
[54] **DIGITAL AUDIO PLAYBACK USING LOCAL STORED CONTENT**
[54] **LECTURE AUDIO NUMERIQUE D'UN CONTENU MEMORISE LOCALEMENT**
[72] WADIN, CRAIG, US
[72] MARKO, PAUL, US
[72] PATSIOKAS, STELIOS, US
[71] XM SATELLITE RADIO INC., US
[85] 2003-11-27
[86] 2002-06-04 (US2002017546)
[87] 2002-12-12 (2002099789)
[30] US (09/874,741) 2001-06-05

[21] **2,448,790**
[13] A1

[51] **Int.Cl. 7A61B 17/14**
[25] EN
[54] **ELECTRIC LANCET ACTUATOR**
[54] **ACTIONNEUR ELECTRIQUE DE LANCETTE**
[72] ALDEN, DON, US
[72] FREEMAN, DOMINIQUE M., US
[71] PELIKAN TECHNOLOGIES, INC., US
[85] 2003-11-26
[86] 2002-06-12 (US2002019058)
[87] 2002-12-19 (2002100460)
[30] US (60/298,055) 2001-06-12

[21] **2,448,795**
[13] A1

[51] **Int.Cl. 7C07D 307/93 7A61P 35/00 7A61K 31/343**
[25] EN
[54] **AMINO ACID DERIVATIVES OF TRIPTOLIDE COMPOUNDS AS IMMUNE MODULATORS AND ANTICANCER AGENT**
[54] **DERIVES AMINOACIDES DE COMPOSES DE TRIPTOLIDE EN TANT QUE MODULATEURS IMMUNITAIRES ET AGENTS ANTICANCEREUX**
[72] DAI, DONGCHENG, US
[72] FIDLER, JOHN M., US
[72] MUSSER, JOHN H., US
[71] PHARMAGENESIS, INC., US
[85] 2003-11-26
[86] 2002-03-14 (US2002007834)
[87] 2002-09-26 (2002074759)
[30] US (60/276,617) 2001-03-15

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[21] **2,448,798**
[13] A1

[51] **Int.Cl. 7C07D 403/12 7A61P 7/02 7C07D 209/12 7A61K 31/40**
[25] EN
[54] **SUBSTITUTED NAPHTHYL INDOLE DERIVATIVES AS INHIBITORS OF PLASMINOGEN ACTIVATOR INHIBITOR TYPE-1 (PAI-1)**
[54] **DERIVES DE NAPHTHYL INDOLE SUBSTITUES UTILISES COMME INHIBITEURS DE L'INHIBITEUR DES ACTIVATEURS DU PLASMINOGENE DE TYPE-1 (PAI-1)**
[72] GUNDERSEN, ERIC GOULD, US
[72] MAYER, SCOTT CHRISTIAN, US
[72] CRANDALL, DAVID LEROY, US
[72] ELOKDAH, HASSAN MAHMOUD, US
[71] WYETH, US
[85] 2003-11-26
[86] 2002-06-18 (US2002021113)
[87] 2003-01-03 (2003000684)
[30] US (60/299,651) 2001-06-20

[21] **2,448,799**
[13] A1

[51] **Int.Cl. 7C22C 33/02 7C22C 38/12 7C22C 38/24**
[25] EN
[54] **COLD WORK STEEL**
[54] **ACIER D'ECROUISSAGE**
[72] SANDBERG, ODD, SE
[72] TIDESTEN, MAGNUS, SE
[72] JOENSON, LENNART, SE
[71] UDDEHOLM TOOLING AKTIEBOLAG, SE
[85] 2003-11-26
[86] 2002-05-17 (SE2002000939)
[87] 2003-01-03 (2003000944)
[30] SE (0102233-4) 2001-06-21

[21] **2,448,801**
[13] A1

[51] **Int.Cl. 7B24B 1/00**
[25] EN
[54] **DRY METHOD OF CONCRETE FLOOR RESTORATION**
[54] **PROCEDE A SEC DE RESTAURATION DE DALLE EN BETON**
[72] JONES, JOHN A., US
[72] ALLEN, JOHN J., JR., US
[71] JONES, JOHN A., US
[71] ALLEN, JOHN J., JR., US
[85] 2003-11-26
[86] 2002-09-24 (US2002030220)
[87] 2003-06-19 (2003049900)
[30] US (10/016,407) 2001-12-11

[21] **2,448,802**
[13] A1

[51] **Int.Cl. 7F01D 5/22 7F01D 11/02 7F01D 11/08 7F01D 5/20**
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[54] **TURBINE BLADE WITH SEALING ELEMENT**
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[72] SOUPIZON, JEAN-LUC, FR
[71] SNECMA MOTEURS, FR
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[87] 2002-12-05 (2002097241)
[30] FR (01/07122) 2001-05-31

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[54] **LIMITATION DE L'EVAPORATION D'UNE RESERVE DE FLUIDE**
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[72] LOVE, JAMES, US
[72] MORAN, DONALD J., JR., US
[72] SHAW, JAMES D., US
[72] SCHWALLIE, SCOTT, US
[72] WITKOWSKI, ROBERT T., US
[72] MCFEATERS, MALINDA L., US
[72] ARTER, THOMAS C., US
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[54] **PROCESS OF MANUFACTURING ELECTROPHORETIC MULTICOLOR DISPLAYS AND DISPLAYS OBTAINED THEREWITH**
[54] **PROCEDE DE FABRICATION D'ECRANS MULTICOLORES ELECTROPHORETIQUES ET ECRANS FABRIQUES CONFORMEMENT A CE PROCEDE**
[72] CHEN, XIANHAI, US
[72] WU, ZARNG-ARH GEORGE, US
[72] LIANG, RONG-CHANG, US
[72] ZANG, HONGMEI, US
[71] SIPIX IMAGING, INC., US
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[87] 2002-12-19 (2002100155)
[30] US (09/879,408) 2001-06-11

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[54] **DIAGNOSIS MARKER**
[54] **MARQUEUR DE DIAGNOSTIC**
[72] HAHN, ROBERT, SE
[71] AGA AB, SE
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[86] 2003-03-27 (SE2003000510)
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[54] **METHODS AND APPARATUS FOR MONITORING CONSCIOUSNESS**
[54] **METHODES ET DISPOSITIF POUR DIRIGER LA CONSCIENCE**
[72] BURTON, DAVID, AU
[72] ZILBERG, EUGENE, AU
[71] COMPUMEDICS LIMITED, AU
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[87] 2002-12-19 (2002100267)
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[54] **MARQUEUR DE SURVEILLANCE**
[72] HAHN, ROBERT, SE
[71] AGA AB, SE
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[25] EN
[54] **THIOCHROMENONES USED TO COMBAT PAINFUL CONDITIONS AND NEURODEGENERATIVE DISEASES**
[54] **THIOCHROMENONES UTILISES POUR LUTTER CONTRE DES ETATS DOULOUREUX ET DES MALADIES NEURODEGENERATIVES**
[72] METHFESSEL, CHRISTOPH, DE
[72] MUELLER, THOMAS, DE
[72] DE VRY, JEAN MARIE VICTOR, DE
[72] MEIER, HEINRICH, DE
[72] ALLERHEILIGEN, SWEN, DE
[72] SCHOHE-LOOP, RUDOLF, DE
[72] GERISCH, MICHAEL, DE
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[72] MAULER, FRANK, DE
[71] BAYER HEALTHCARE AG, DE
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[54] **BOITIER DYNAMIQUE FLEXIBLE**
[72] FREDERICK, LARRY D., US
[72] MEDLEY, DWIGHT, US
[71] REUTER-STOKES, INC., US
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[30] US (60/295,808) 2001-06-06
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[25] EN
[54] **METHOD AND DEVICE FOR FIXING TOOLS IN CLAMPING CHUCKS**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE FIXER DES OUTILS A DES MANDRINS DE SERRAGE**
[72] PFAU, CHRISTIAN, DE
[71] E. ZOLLER GMBH & CO. KG
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[13] A1

[51] **Int.Cl. 7A61F 13/476**
[25] EN
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[54] **SOUS-VETEMENTS PROTECTEURS REUTILISABLES ET JETABLES**
[72] COATES, FREDRICA V., US
[71] TYCO HEALTHCARE RETAIL GROUP, INC., US
[85] 2003-11-27
[86] 2002-07-15 (US2002022530)
[87] 2003-01-23 (2003005949)
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[54] **TUBE DE DISTRIBUTION UNIFORME A CHAMBRES MULTIPLES**
[72] LI, LI, CN
[72] CHAN, JOHN GEOFFREY, CN
[71] THE PROCTER & GAMBLE COMPANY, US
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[86] 2002-07-11 (US2002021794)
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[30] US (60/304,670) 2001-07-11

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[54] **SYSTEME DE FILTRE D'AQUARIUM**
[72] AXELROD, GLEN S., US
[71] T.F.H. PUBLICATIONS, INC., US
[85] 2003-11-28
[86] 2002-06-03 (US2002017241)
[87] 2002-12-12 (2002098215)
[30] US (09/872,729) 2001-06-01

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[13] A1

[51] **Int.Cl. 7A61M 25/00**
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[54] **SYSTEME DE CLAPET POUR ENSEMBLE CATHETER**
[72] TANGHOJ, ALLAN, DK
[72] JENSEN, LARS BOGELUND, DK
[71] COLOPLAST A/S, DK
[85] 2003-11-27
[86] 2002-06-28 (DK2002000447)
[87] 2003-01-09 (2003002177)
[30] DK (PA 2001 01041) 2001-06-29
[30] US (09/893,514) 2001-06-29
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[30] DK (PA 2001 01869) 2001-12-13
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[30] US (10/026,819) 2001-12-27
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[25] EN
[54] METHOD OF USING OPTICALLY-
ACTIVATED PARTICLES IN
COSMETIC PREPARATIONS
[54] PROCEDE D'UTILISATION DE
PARTICULES OPTIQUEMENT
ACTIVES DANS DES PREPARATIONS
COSMETIQUES
[72] VICTOR, BRUCE H., US
[71] LIPO CHEMICALS, INC., US
[85] 2003-11-28
[86] 2002-05-17 (US2002015593)
[87] 2002-12-12 (2002098349)
[30] US (09/872,648) 2001-06-01
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[51] Int.Cl. 7G01D 5/38 7G01M 11/02
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[25] EN
[54] DEVICE FOR CHARACTERISING
OPTICAL GRATINGS AND METHOD
FOR MAKING OPTICAL GRATINGS
WITH PREDEFINED SPATIAL
FREQUENCY
[54] DISPOSITIF DE
CARACTERISATION DE RESEAUX
OPTIQUES ET PROCEDE DE
FABRICATION DE RESEAUX
OPTIQUES AVEC UNE FREQUENCE
SPATIALE PREDEFINE
[72] BONIS, MARC ANDRE PIERRE, FR
[72] JOURLIN, YVES, FR
[72] PARRIAUX, OLIVIER, FR
[71] UNIVERSITE JEAN MONNET, FR
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[87] 2002-12-05 (2002097375)
[30] FR (0106917) 2001-05-28

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[25] EN
[54] NOVEL COMPOUNDS FOR
CHEMILUMINESCENCE
PROCEDURES
[54] NOUVEAUX COMPOSES
DESTINES A DES PROCEDES DE
CHIMILUMINESCENCE
[72] HUBER, ERASMUS, DE
[72] KLAUSE, URSULA, DE
[72] HERRMANN, RUPERT, DE
[72] HEINDL, DIETER, DE
[72] JOSEL, HANS-PETER, DE
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[30] EP (01112879.0) 2001-06-01

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[51] Int.Cl. 7A61K 9/18 7A61K 47/30
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[25] EN
[54] PHARMACEUTICAL
COMPOSITIONS OF ADSORBATES OF
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[54] COMPOSITIONS
PHARMACEUTIQUES DE PRODUITS
D'ADSORPTION DE MEDICAMENT
AMORPHE
[72] BABCOCK, WALTER CHRISTIAN,
US
[72] SHANKER, RAVI MYSORE, US
[72] FRIESEN, DWAYNE THOMAS, US
[72] TADDAY, RALPH, US
[72] SMITHEY, DANIEL TOD, US
[71] PFIZER PRODUCTS INC., US
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[86] 2002-05-21 (IB2002001792)
[87] 2003-01-03 (2003000238)
[30] US (60/300,260) 2001-06-22

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[25] EN
[54] COMMUNICATION APPARATUS,
RECEPTION APPARATUS, AND
TRANSMISSION/RECEPTION
APPARATUS
[54] APPAREIL DE COMMUNICATION,
APPAREIL RECEPTEUR ET APPAREIL
EMETTEUR/RECEPTEUR
[72] ONISHI, MANABU, JP
[72] YAMASHITA, KEI, JP
[72] KAWAGUCHI, DAISUKE, JP
[72] IKEDA, KAZUYUKI, JP
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[72] YOSHIKAWA, MUNEHIRO, JP
[72] MAEDA, SATORU, JP
[71] SONY CORPORATION, JP
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[87] 2002-12-05 (2002098103)
[30] JP (2001-160621) 2001-05-29

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[13] A1
[51] Int.Cl. 7C12N 9/50 7A61K 48/00
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[25] EN
[54] NOVEL METHOD AND
COMPOSITION FOR INHIBITION OF
ANGIOGENESIS AND TUMOR
GROWTH USING COMPOUNDS BASED
ON A SEQUENCE WITHIN MMP-2
[54] NOUVEAU PROCEDE ET
NOUVELLE COMPOSITION
D'INHIBITION DE L'ANGIOGENESE
ET DE LA CROISSANCE TUMORALE
FAISANT INTERVENIR DES
COMPOSES A BASE D'UNE SEQUENCE
AU SEIN DE MMP-2
[72] RODRIGUEZ, DOROTHY, US
[72] BROOKS, PETER C., US
[71] UNIVERSITY OF SOUTHERN
CALIFORNIA, US
[85] 2003-11-28
[86] 2002-05-31 (US2002017009)
[87] 2002-12-12 (2002098351)
[30] US (09/872,165) 2001-06-01

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[25] EN
[54] **PREPARATION FOR THE REMOVAL OF ABNORMAL KERATIN MATERIAL**
[54] **PREPARATION DESTINEE A ELIMINER LA MATIERE KERATINIQUE ANORMALE**
[72] POOTH, RAINER, DE
[72] ULBRICHT, HORST, DE
[72] SHUSTER, SAMUEL, GB
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
[85] 2003-11-28
[86] 2002-05-17 (EP2002005469)
[87] 2002-12-12 (2002098380)
[30] DE (101 26 501.8) 2001-05-30

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[13] A1

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[25] EN
[54] **CONDUCTIVE CATALYST PARTICLE AND ITS MANUFACTURING METHOD, GAS-DIFFUSING CATALYST ELECTRODE, AND ELECTROCHEMICAL DEVICE**
[54] **PARTICULE CATALYTIQUE CONDUCTRICE ET SON PROCEDE DE FABRICATION ; ELECTRODE CATALYTIQUE A DIFFUSION GAZEUSE ; DISPOSITIF ELECTROCHIMIQUE**
[72] SHIRAI, KATSUYA, JP
[72] KATORI, KENJI, JP
[72] KANEMITSU, TOSHIAKI, JP
[71] SONY CORPORATION, JP
[85] 2003-11-28
[86] 2002-05-24 (JP2002005035)
[87] 2002-12-12 (2002098561)
[30] JP (2001-166646) 2001-06-01
[30] JP (2001-198280) 2001-06-29
[30] JP (2002-128199) 2002-04-30

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[51] **Int.Cl. 7G01F 1/68 7F02F 11/00**
[25] EN
[54] **GASKET FLOW SENSING APPARATUS AND METHOD**
[54] **PROCEDE ET DISPOSITIF DE DETECTION DE DEBIT D'UN FLUIDE S'ECOULANT A TRAVERS UN JOINT**
[72] ROBINS, HOWARD M., US
[72] POPIELAS, FRANK W., US
[72] FOSTER, JEFFREY A., US
[71] DANA CORPORATION, US
[85] 2003-11-27
[86] 2002-06-12 (US2002019082)
[87] 2002-12-19 (2002101344)
[30] US (60/297,701) 2001-06-12

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[13] A1

[51] **Int.Cl. 7C08G 69/10 7A61K 9/127**
[25] EN
[54] **LIPID-POLYMER-CONJUGATES**
[54] **CONJUGUES LIPIDE-POLYMERE**
[72] STORM, GERRIT, NL
[72] OUSSOREN, CHRISTIEN, NL
[72] BRUIN, PETER, NL
[72] METSELAAR, JOSBERT MAARTEN, NL
[72] DE BOER, LEONARDUS WILHELMUS THEODORUS, NL
[72] DE VRINGER, TOM, NL
[72] HENNINK, WILHELMUS EVERARDUS, NL
[71] YAMANOUCHI EUROPE B.V., NL
[85] 2003-11-28
[86] 2002-06-03 (EP2002006432)
[87] 2002-12-12 (2002098951)
[30] EP (01202107.7) 2001-06-01

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[13] A1

[51] **Int.Cl. 7C08G 69/10 7A61K 9/127**
[25] EN
[54] **LIPID-POLYMER-CONJUGATES COMPOSITIONS**
[54] **COMPOSITIONS DE CONJUGUES LIPIDE-POLYMERE**
[72] OUSSOREN, CHRISTIEN, NL
[72] DE VRINGER, TOM, NL
[72] METSELAAR, JOSBERT MAARTEN, NL
[72] HENNINK, WILHELMUS EVERARDUS, NL
[72] DE BOER, LEONARDUS WILHELMUS THEODORUS, NL
[72] STORM, GERRIT, NL
[72] BRUIN, PETER, NL
[71] YAMANOUCHI EUROPE B.V., NL
[85] 2003-11-28
[86] 2002-06-03 (EP2002006783)
[87] 2002-12-12 (2002098952)
[30] EP (01202107.7) 2001-06-01

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[13] A1

[51] **Int.Cl. 7C11D 3/00 7C12S 9/00 7A61K 7/30 7C11D 7/42**
[25] EN
[54] **METHODS AND FORMULATIONS FOR ENHANCING THE DISSOLUTION OF A SOLID MATERIAL IN LIQUID**
[54] **PROCEDES ET FORMULATIONS SERVANT A AMPLIFIER LA DISSOLUTION D'UN MATERIAU SOLIDE DANS UN LIQUIDE**
[72] KIPTE, GENEVIEVE CAGALAWAN, US
[72] VICTORIA, DOREEN C., US
[72] POULOSE, AYROOKARAN J., US
[72] SHOWELL, MICHAEL STANFORD, US
[72] STONER, SUZANNE, US
[72] MARIN-CARILLO, EDGAR MANUEL, MX
[72] STEELE, LANDON, US
[72] CONCAR, EDWARD M., US
[72] JARNAGIN, ALISHA, US
[72] JANSSEN, GISELLE, US
[72] LIPPAY, ERIC, US
[72] CAPECI, SCOTT WILLIAM, US
[72] BECKER, NATHANIEL TODD, US
[71] GENENCOR INTERNATIONAL, INC., US
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[86] 2002-05-31 (US2002016985)
[87] 2002-12-12 (2002099026)
[30] US (60/295,248) 2001-06-01
[30] US (60/343,665) 2001-12-26

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[54] **INHIBITION OF NEURODEGENERATION**
[54] **INHIBITION DE LA NEURODEGENERESCENCE**
[72] WANDS, JACK R., US
[72] DE LA MONTE, SUZANNE M., US
[71] RHODE ISLAND HOSPITAL, A LIFESPAN PARTNER, US
[85] 2003-11-28
[86] 2002-05-28 (US2002016429)
[87] 2002-12-12 (2002099036)
[30] US (09/872,968) 2001-06-01

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[13] A1

[51] **Int.Cl. 7A61K 47/38 7A61K 9/14**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS CONTAINING A SOLID DISPERSION OF A POORLY-SOLUBLE DRUG IN A MATRIX AND A SOLUBILITY-ENHANCING POLYMER**
[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT UNE DISPERSION SOLIDE D'UN MEDICAMENT PEU SOLUBLE DANS UNE MATRICE ET D'UN POLYMERE AMELIORANT LA SOLUBILITE**
[72] CURATOLO, WILLIAM JOHN, US
[72] KETNER, RODNEY JAMES, US
[72] FRIESEN, DWAYNE THOMAS, US
[72] BABCOCK, WALTER CHRISTIAN, US
[72] LO, JULIAN BELKNAP, US
[72] NIGHTINGALE, JAMES ALAN SCHRIVER, US
[72] SHANKER, RAVI MYSORE, US
[72] WEST, JAMES BLAIR, US
[71] PFIZER PRODUCTS INC., US
[85] 2003-11-27
[86] 2002-05-13 (IB2002001800)
[87] 2003-01-03 (2003000294)
[30] US (60/300,261) 2001-06-22

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[25] EN
[54] **INORGANIC ION EXCHANGERS FOR REMOVING CONTAMINANT METAL IONS FROM LIQUID STREAMS**
[54] **ECHANGEURS D'IONS INORGANIQUES SERVANT A RETIRER DES IONS METALLIQUES CONTAMINANTS PRESENTS DANS DES FLUX LIQUIDES**
[72] LUCA, VICTOR, AU
[71] AUSTRALIAN NUCLEAR SCIENCE & TECHNOLOGY ORGANISATION, AU
[85] 2003-11-28
[86] 2001-05-31 (AU2001000645)
[87] 2002-12-05 (2002096559)

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[13] A1

[51] **Int.Cl. 7G01R 31/36 7H01M 8/04**
[25] EN
[54] **FUEL CELL VOLTAGE MONITORING**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE TENSION DE CELLULES ELECTROCHIMIQUES**
[72] MASSE, STEPHANE, CA
[72] GOPAL, RAVI B., CA
[71] HYDROGENICS CORPORATION, CA
[85] 2003-11-27
[86] 2002-05-29 (CA2002000791)
[87] 2002-12-05 (2002097460)
[30] US (09/865,562) 2001-05-29

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[13] A1

[51] **Int.Cl. 7C09B 62/20**
[25] EN
[54] **ORGANIC COMPOUNDS**
[54] **COMPOSES ORGANIQUES**
[72] GISLER, MARKUS, CH
[71] CLARIANT FINANCE (BVI) LIMITED, VG
[85] 2003-11-27
[86] 2002-10-07 (IB2002004100)
[87] 2003-04-17 (2003031520)
[30] CH (2001 1854/01) 2001-10-08

[21] **2,448,869**
[13] A1

[51] **Int.Cl. 7A01G 1/00**
[25] EN
[54] **METHOD OF INCREASING THE YIELD OF PEAS REGARDLESS OF THE WEATHER**
[54] **PROCEDE PERMETTANT D'AUGMENTER LE RENDEMENT DES POIS INDEPENDAMMENT DU TEMPS**
[72] HIROSE, ISAMU, JP
[71] HIROSE, ISAMU, JP
[85] 2003-11-27
[86] 2001-06-01 (JP2001004641)
[87] 2002-12-12 (2002098205)

[21] **2,448,870**
[13] A1

[51] **Int.Cl. 7A47J 31/44**
[25] EN
[54] **COFFEE MACHINE PROVIDED WITH A DEVICE TO COOL THE COFFEE WITH WHICH IT IS LOADED**
[54] **MACHINE A CAFE POURVUE D'UN DISPOSITIF PERMETTANT DE REFROIDIR LE CONTENU DE CAFE**
[72] COSSETTO, STEFANO, IT
[72] CAPPUCCIO, ROBERTO, IT
[72] SAVONITTI, ORIANA, IT
[72] DELLAPIETRA, BRUNO, IT
[72] SUGGI LIVERANI, FURIO, IT
[71] ILLYCAFFE S.P.A., IT
[85] 2003-11-28
[86] 2002-05-31 (EP2002005957)
[87] 2002-12-19 (2002100225)
[30] IT (MI2001A001218) 2001-06-08

[21] **2,448,874**
[13] A1

[51] **Int.Cl. 7A21D 2/14 7A21D 13/08**
[25] EN
[54] **COATED ORGANIC ACID PREPARATIONS FOR PRESERVING BAKERY PRODUCTS**
[54] **PREPARATIONS D'ACIDES ORGANIQUES ENROBES PERMETTANT LA CONSERVATION DE PRODUITS DE BOULANGERIE**
[72] UENO, RYUZO, JP
[72] TABATA, AKIHIKO, JP
[72] SATO, HIDEAKI, JP
[71] KABUSHIKI KAISHA UENO SEIYAKU OYO KENKYUJO, JP
[85] 2003-11-27
[86] 2002-06-04 (JP2002005467)
[87] 2002-12-12 (2002098237)
[30] JP (2001-169839) 2001-06-05

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[21] **2,448,875**
[13] A1

[51] **Int.Cl. 7H01M 8/06**
[25] EN
[54] **CHEMICAL REACTION APPARATUS AND POWER SUPPLY SYSTEM**
[54] **APPAREIL DE REACTION CHIMIQUE ET SYSTEME D'ALIMENTATION D'ENERGIE**
[72] KAWAMURA, YOSHIHIRO, JP
[72] IGARASHI, AKIRA, JP
[72] OGURA, NAOTSUGU, JP
[71] CASIO COMPUTER CO., LTD., JP
[85] 2003-11-27
[86] 2003-03-28 (JP2003004001)
[87] 2003-10-09 (2003083984)
[30] JP (NO. 2002-094272) 2002-03-29
[30] JP (NO. 2002-094273) 2002-03-29

[21] **2,448,876**
[13] A1

[51] **Int.Cl. 7A47L 13/20 7A47L 13/256**
[25] EN
[54] **DEVICE FOR HOLDING CLEANING WIPER AND CLEANING ARTICLE EMPLOYING HOLDING DEVICE**
[54] **DISPOSITIF POUR PORTER UNE PIECE DE NETTOYAGE ET ARTICLE DE NETTOYAGE DANS LEQUEL LEDIT DISPOSITIF DE SUPPORT EST UTILISE**
[72] TANAKA, YOSHINORI, JP
[72] TSUCHIYA, AKEMI, JP
[71] UNI-CHARM CORPORATION, JP
[85] 2003-11-27
[86] 2002-06-10 (JP2002005743)
[87] 2002-12-27 (2002102221)
[30] JP (2001-180605) 2001-06-14

[21] **2,448,878**
[13] A1

[51] **Int.Cl. 7E03C 1/08**
[25] EN
[54] **SPRAY HEAD**
[54] **TETE D'AERATEUR/PULVERISATEUR**
[72] CZERWINSKI, JEROME F., JR., US
[72] BENSTEAD, EVAN A., US
[71] NEWFREY LLC, US
[85] 2003-11-28
[86] 2002-06-05 (US2002017578)
[87] 2002-12-19 (2002101162)
[30] US (09/877,868) 2001-06-08

[21] **2,448,880**
[13] A1

[51] **Int.Cl. 7A61F 2/28**
[25] EN
[54] **BONE IMPLANT**
[54] **IMPLANT OSSEUX**
[72] LANDIS, KLAUS, DE
[71] TUTOGEN MEDICAL GMBH, DE
[85] 2003-11-27
[86] 2002-05-07 (EP2002005032)
[87] 2002-12-05 (2002096324)
[30] DE (101 26 085.7) 2001-05-29

[21] **2,448,882**
[13] A1

[51] **Int.Cl. 7C22C 38/00**
[25] EN
[54] **MARTENSITIC STAINLESS STEEL**
[54] **ACIER INOXYDABLE MARTENSITIQUE**
[72] KOMIZO, YUICHI, JP
[72] KUSHIDA, TAKAHIRO, JP
[72] KONDO, KUNIO, JP
[72] IGARASHI, MASAOKI, JP
[71] SUMITOMO METAL INDUSTRIES, LTD., JP
[85] 2003-11-28
[86] 2002-05-31 (JP2002005399)
[87] 2002-12-12 (2002099150)
[30] JP (2001-167046) 2001-06-01

[21] **2,448,883**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR CONDUCTING PRODUCT CONFIGURATION RESEARCH OVER A COMPUTER-BASED NETWORK**
[54] **SYSTEME ET PROCEDE POUR EFFECTUER DES RECHERCHES SUR LA CONFIGURATION D'UN PRODUIT VIA UN RESEAU INFORMATISE**
[72] BAYER, LEONARD R., US
[72] BAKKEN, DAVID G., US
[72] JEAUVONS, ANDREW P., US
[71] HARRIS INTERACTIVE, INC., US
[85] 2003-11-27
[86] 2002-06-14 (US2002018767)
[87] 2002-12-27 (2002103474)
[30] US (09/882,203) 2001-06-15

[21] **2,448,884**
[13] A1

[51] **Int.Cl. 7F25J 3/02**
[25] EN
[54] **NATURAL GAS LIQUEFACTION**
[54] **LIQUEFACTION DE GAZ NATUREL**
[72] WILKINSON, JOHN D., US
[72] HUDSON, HANK M., US
[72] CUELLAR, KYLE T., US
[71] ELKCORP, US
[85] 2003-11-28
[86] 2002-06-04 (US2002017675)
[87] 2002-12-19 (2002101307)
[30] US (60/296,848) 2001-06-08

[21] **2,448,887**
[13] A1

[51] **Int.Cl. 7B32B 31/22 7B42D 15/10 7G06K 19/16**
[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING A PORTABLE DATA CARRIER**
[54] **PROCEDE ET DISPOSITIF POUR FABRIQUER UN SUPPORT DE DONNEES PORTABLE**
[72] HOPPE, JOACHIM, DE
[72] HOHMANN, ARNO, DE
[71] GIESECKE & DEVELOPMENT GMBH, DE
[85] 2003-11-28
[86] 2002-05-27 (EP2002005802)
[87] 2002-12-05 (2002096646)
[30] DE (101 26 368.6) 2001-05-30

[21] **2,448,888**
[13] A1

[51] **Int.Cl. 7C04B 38/10 7C04B 28/14 7C04B 24/16 7C11D 1/29**
[25] EN
[54] **METHOD OF PROVIDING VOID SPACES IN GYPSUM WALLBOARD AND IN A GYPSUM CORE COMPOSITION**
[54] **PROCEDE DE FORMATION D'ESPACES VIDES DANS DES PANNEAUX DE PLATRE ET COMPOSITION DE L'AME DE PLATRE DES PANNEAUX**
[72] SETHURAMAN, GOPALAKRISHNAN, US
[71] NATIONAL GYPSUM PROPERTIES, LLC, US
[85] 2003-11-27
[86] 2002-06-17 (US2002019133)
[87] 2003-01-03 (2003000620)
[30] US (09/887,284) 2001-06-22

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[21] **2,448,889**
[13] A1

[51] **Int.Cl. 7C04B 41/81 7C09D 4/00**
[25] EN
[54] **COATING BISCUIT TILES WITH AN ABRASION- AND SCRATCH-RESISTANT COAT**
[54] **REVETEMENT DE TUILES DE BISCUIT AVEC UN REVETEMENT ANTI-ABRASIF ET ANTI-RAYURES**
[72] DIEGO, PEPE, IT
[72] CAGNOLA, ALBERTO, SILVESTRO, IT
[72] KJELLQVIST, ANN KERSTIN BIRGITTA, SE
[71] AKZO NOBEL COATINGS INTERNATIONAL B.V., NL
[85] 2003-11-27
[86] 2002-05-24 (EP2002005746)
[87] 2002-12-05 (2002096828)
[30] EP (01202059.0) 2001-05-31

[21] **2,448,890**
[13] A1

[51] **Int.Cl. 7A01N 63/04 7C12N 1/14**
[25] EN
[54] **FUNGAL ISOLATES AND BIOLOGICAL CONTROL COMPOSITIONS FOR THE CONTROL OF WEEDS**
[54] **ISOLATS FONGIQUES ET COMPOSITION DE LUTTE BIOLOGIQUE CONTRE LA MAUVAISE HERBE**
[72] DERBY, JOANNE, CA
[72] BAILEY, KAREN L., CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND AGRI-FOOD, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND AGRI-FOOD, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND AGRI-FOOD, CA
[85] 2003-11-21
[86] 2002-05-30 (CA2002000797)
[87] 2002-12-05 (2002096204)
[30] US (60/294,475) 2001-05-30

[21] **2,448,894**
[13] A1

[51] **Int.Cl. 7C07C 237/20 7C07D 319/08 7A61K 31/165 7A61K 31/33 7C07D 213/56 7C07D 311/74 7C07D 333/74**
[25] EN
[54] **CINNAMIDE DERIVATIVES AS KCNQ POTASSIUM CHANNEL MODULATORS**
[54] **DERIVES DE LA CINNAMIDE MODULATEURS DU CANAL POTASSIQUE KCNQ**
[72] DEXTRAZE, PIERRE, CA
[72] DARIS, JEAN-PAUL, CA
[72] KINNEY, GENE G., US
[72] L'HEUREUX, ALEXANDRE, CA
[72] SUN, LI-QIANG, US
[72] WU, YONG-JIN, US
[72] HE, HUAN, US
[72] CHEN, JIE, US
[72] HEWAWASAM, PIYASENA, US
[72] DWORETZKY, STEVEN I., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2003-11-28
[86] 2002-05-31 (US2002017049)
[87] 2002-12-05 (2002096858)
[30] US (60/294,815) 2001-05-31

[21] **2,448,895**
[13] A1

[51] **Int.Cl. 7E21B 47/14 7E21B 47/09**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETECTING CASING COLLARS**
[54] **SYSTEMES ET PROCEDES DE DETECTION DE JOINTS DE TUBAGE**
[72] WILLAUER, DARRIN L., US
[72] MENDEZ, LUIS E., US
[72] BRIDGES, JAMES R., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2003-11-28
[86] 2002-05-31 (US2002017169)
[87] 2002-12-12 (2002099250)
[30] US (60/295,436) 2001-06-01
[30] US (60/343,039) 2001-12-20

[21] **2,448,896**
[13] A1

[51] **Int.Cl. 7C07D 205/04 7C07D 225/00 7C07D 207/04 7C07D 223/04 7C07D 211/06 7A61K 31/395 7A61K 31/397 7A61K 31/40 7A61K 31/445 7A61K 31/55**
[25] EN
[54] **ALLYLMERCAPTOCAPTOPRIL COMPOUNDS AND USES THEREOF**
[54] **COMPOSES D'ALLYLMERCAPTO-CAPTOPRIL ET LEURS UTILISATIONS**
[72] RABINKOV, AHARON, IL
[72] MIRON, TALIA, IL
[72] WILCHEK, MEIR, IL
[72] MIRELMAN, DAVID, IL
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD, IL
[85] 2003-11-28
[86] 2002-05-30 (US2002016964)
[87] 2002-12-05 (2002096871)
[30] US (60/293,989) 2001-05-30
[30] US (60/304,414) 2001-07-12
[30] US (60/311,829) 2001-08-14
[30] US (60/334,962) 2001-12-04

[21] **2,448,897**
[13] A1

[51] **Int.Cl. 7C11D 3/00 7C11D 1/00 7C11D 11/00 7C11D 3/37 7C11D 3/39**
[25] EN
[54] **CLEANING COMPOSITIONS CONTAINING NANOLATEX, PEROXYGEN BLEACH AND/OR FLUORINATED COMPOUNDS AND METHOD FOR CLEANING CARPETS**
[54] **COMPOSITIONS DE NETTOYAGE CONTENANT UN NANOLATEX, UN MELANGE DE PEROXYGENE ET/OU DES COMPOSES FLUORES, ET PROCEDE DE NETTOYAGE DE TAPIS**
[72] GEFFROY, CEDRIC WILLY, FR
[72] SCIALLA, STEFANO, IT
[72] DESANTIS, MARCO, IT
[72] AUBAY, ERIC, FR
[72] LABEAU, CATHERINE MARIE-PIERRE, FR
[72] RESTA, STEFANO, IT
[72] TODINI, ORESTE, IT
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-11-27
[86] 2002-07-11 (US2002022461)
[87] 2003-02-20 (2003014276)
[30] US (60/304,684) 2001-07-11

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[21] **2,448,898**
[13] A1
[51] **Int.Cl. 7G01J 3/06 7G02B 6/34**
[25] EN
[54] **OPTICAL CHANNEL MONITOR**
[54] **CONTROLEUR DE PORTEUSE**
OPTIQUE
[72] JONES, RAPH, US
[72] WINSTON, CHARLES, US
[72] SIRKIS, JAMES, US
[72] FOURNIER, DAVID, US
[72] MOON, JHON, US
[72] PINTO, JOSEPH, US
[72] CHESTNUT, CHRISTOPHER, US
[72] DUNPHY, JAMES, US
[72] BRUCATO, ROBERT N., US
[71] CIDRA CORPORATION, US
[85] 2003-11-28
[86] 2002-05-31 (US2002017111)
[87] 2002-12-12 (2002099368)
[30] US (60/295,459) 2001-06-01
[30] US (60/351,824) 2002-01-24
[30] US (60/364,420) 2002-03-15

[21] **2,448,899**
[13] A1
[51] **Int.Cl. 7C07D 213/70**
[25] EN
[54] **A SHORT SYNTHESIS OF**
PYRIDINE-BASED
PHARMACEUTICAL
INTERMEDIATES WITH SULFUR-
CONTAINING GROUPS AT THE 2- AND
3-POSITIONS
[54] **SYNTHESE COURTE**
D'INTERMEDIAIRES
PHARMACEUTIQUES A BASE DE
PYRIDINE AVEC CES GROUPE
CONTENANT DU SOUFRE DANS DES
POSITIONS 2- ET 3-
[72] COMINS, DANIEL L., US
[72] HUANG, SHENLIN, US
[71] NORTH CAROLINA STATE
UNIVERSITY, US
[85] 2003-11-28
[86] 2002-05-30 (US2002017027)
[87] 2002-12-05 (2002096878)
[30] US (09/871,429) 2001-05-31

[21] **2,448,900**
[13] A1
[51] **Int.Cl. 7A61B 17/08**
[25] EN
[54] **METHOD AND APPARATUS FOR**
SEALING ACCESS
[54] **PROCEDE ET APPAREIL**
D'OBTURATION D'OUVERTURES
[72] MORRIS, EDWARD JOSEPH, US
[72] DENARDO, ANDREW JAMES, US
[71] MORRIS INNOVATIVE RESEARCH,
INC., US
[85] 2003-11-28
[86] 2002-06-07 (US2002018209)
[87] 2002-12-19 (2002100245)
[30] US (60/297,060) 2001-06-08

[21] **2,448,902**
[13] A1
[51] **Int.Cl. 7A61B 17/14**
[25] EN
[54] **SELF OPTIMIZING LANCING**
DEVICE WITH ADAPTATION MEANS
TO TEMPORAL VARIATIONS IN
CUTANEOUS PROPERTIES
[54] **AUTOPIQUEUR A OPTIMISATION**
AUTOMATIQUE PRESENTANT DES
MOYENS D'ADAPTATION AUX
VARIATIONS TEMPORELLES DES
PROPRIETES CUTANEEES
[72] ALDEN, DON, US
[72] FREEMAN, DOMINIQUE M., US
[71] PELIKAN TECHNOLOGIES, INC., US
[85] 2003-11-28
[86] 2002-06-12 (US2002019053)
[87] 2002-12-19 (2002100251)
[30] US (60/298,001) 2001-06-12

[21] **2,448,903**
[13] A1
[51] **Int.Cl. 7C11D 3/37 7C11D 3/50**
[25] EN
[54] **CLEANING COMPOSITIONS AND**
METHOD FOR CLEANING CARPETS
AND OTHER MATERIALS
[54] **RENOVATEURS ET PROCEDE DE**
NETTOYAGE DE TAPIS ET AUTRES
MATIERES TEXTILES
[72] DE SANTIS, MARCO, IT
[72] GEFFROY, CEDRIC WILLY, FR
[72] SCIALLA, STEFANO, IT
[72] AUBAY, ERIC, FR
[72] LABEAU, CATHERINE MARIE-
PIERRE, FR
[72] RESTA, STEFANO, IT
[72] TODINI, ORESTE, IT
[71] THE PROCTER & GAMBLE
COMPANY, US
[85] 2003-11-27
[86] 2002-07-11 (US2002022462)
[87] 2003-01-23 (2003006596)
[30] US (60/304,668) 2001-07-11

[21] **2,448,904**
[13] A1
[51] **Int.Cl. 7G01N 22/04**
[25] EN
[54] **APPARATUS AND ANALYSIS**
METHOD FOR DETERMINATION OF
MOISTURE IN MATERIALS
[54] **APPAREIL ET METHODE**
D'ANALYSE POUR DETERMINER LA
TENEUR EN HUMIDITE DE
MATERIAUX
[72] MILJAK, DAVID GEOFFREY, AU
[71] COMMONWEALTH SCIENTIFIC
AND INDUSTRIAL RESEARCH
ORGANISATION, AU
[85] 2003-11-28
[86] 2002-07-04 (AU2002000902)
[87] 2003-01-16 (2003005008)
[30] AU (PR 6111) 2001-07-04

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[21] **2,448,905**
[13] A1

[51] **Int.Cl. 7A61B 17/14**
[25] EN
[54] **BLOOD SAMPLING APPARATUS AND METHOD**
[54] **APPAREIL DE PRELEVEMENT SANGUIN ET PROCEDE CONNEXE**
[72] DRBAL, VLADIMIR, US
[72] LUM, PAUL, US
[72] ALDEN, DON, US
[72] FREEMAN, DOMINIQUE M., US
[72] TEMPLIN, CATHERINE K., US
[72] BOECKER, DIRK, US
[71] PELIKAN TECHNOLOGIES, INC., US
[85] 2003-11-28
[86] 2002-06-12 (US2002019054)
[87] 2002-12-19 (2002100252)
[30] US (60/298,056) 2001-06-12

[21] **2,448,906**
[13] A1

[51] **Int.Cl. 7A61B 8/14**
[25] EN
[54] **DEPLOYABLE ULTRASOUND MEDICAL TRANSDUCERS**
[54] **TRANSDUCTEURS MEDICAUX ULTRASONORES POUVANT ETRE DEPLOYES**
[72] DUNKI-JACOBS, ROBERT J., US
[72] MAKIN, INDER RAJ S., US
[71] ETHICON ENDO-SURGERY, INC., US
[85] 2003-11-28
[86] 2002-05-28 (US2002016689)
[87] 2002-12-05 (2002096481)
[30] US (60/294,135) 2001-05-29
[30] US (10/153,122) 2002-05-22

[21] **2,448,907**
[13] A1

[51] **Int.Cl. 7H04K 1/04 7H04K 1/06**
[25] EN
[54] **METHOD AND APPARATUS TO MAINTAIN ENCRYPTION SYNCHRONIZATION IN A MULTI-MODULATION TDM SYSTEM**
[54] **PROCEDE ET APPAREIL PERMETTANT DE MAINTENIR UNE SYNCHRONISATION DE CRYPTAGE DANS UN SYSTEME MRT A MODULATION MULTIPLE**
[72] LOGALBO, ROBERT D., US
[72] CONRAD, ALAN, US
[72] STOGNER, DARRELL, US
[71] MOTOROLA, INC., US
[85] 2003-11-27
[86] 2002-11-25 (US2002037829)
[87] 2003-10-16 (2003085870)
[30] US (10/112,990) 2002-03-29

[21] **2,448,909**
[13] A1

[51] **Int.Cl. 7H04L 1/24 7H04L 12/26**
[25] EN
[54] **REMOTE TESTING OF HIGH SPEED DATA AND VOICE COMMUNICATION NETWORKS**
[54] **TEST A DISTANCE DE RESEAUX DE COMMUNICATION VOCALE ET DE DONNEES A GRANDE VITESSE**
[72] SMITH, ROGER A., US
[71] TOLLGRADE COMMUNICATIONS, INC., US
[85] 2003-11-28
[86] 2002-05-31 (US2002017008)
[87] 2002-12-12 (2002099567)
[30] US (60/295,035) 2001-06-01

[21] **2,448,910**
[13] A1

[51] **Int.Cl. 7H02P 1/04 7G05B 5/00 7G05D 3/00 7H02P 3/00 7H02P 7/00**
[25] EN
[54] **METHOD AND APPARATUS FOR PULSE VARIABLE-CONTROLLED MOVABLE OBSTACLE DETECTION**
[54] **PROCEDE ET APPAREIL DE DETECTION D'OBSTACLE MOBILE COMMANDEE PAR UNE VARIABLE D'IMPULSION**
[72] FITZGIBBON, JAMES J., US
[71] THE CHAMBERLAIN GROUP, INC., US
[85] 2003-11-27
[86] 2003-04-04 (US2003010344)
[87] 2003-10-23 (2003088469)
[30] US (10/118,523) 2002-04-08

[21] **2,448,912**
[13] A1

[51] **Int.Cl. 7A61N 1/05**
[25] EN
[54] **IMPLANTABLE DEVICES HAVING A LIQUID CRYSTAL POLYMER SUBSTRATE**
[54] **APPAREILS IMPLANTABLES DOTES D'UN SUBSTRAT EN POLYMERE CRISTAUX LIQUIDES**
[72] FARRELL, BRIAN, US
[72] EDELL, DAVID J., US
[71] INNERSA TECHNOLOGY, US
[71] FOSTER-MILLER, INC., US
[85] 2003-11-28
[86] 2002-05-30 (US2002016942)
[87] 2002-12-05 (2002096482)
[30] US (60/294,348) 2001-05-30

[21] **2,448,913**
[13] A1

[51] **Int.Cl. 7C07D 453/02 7C07D 451/02 7C07D 403/04 7C07D 409/04 7C07D 417/04 7C07D 471/04 7C07D 487/04 7A61P 25/28 7A61K 31/435 7A61K 31/439 7A61K 31/495**
[25] EN
[54] **NOVEL COMPOUNDS, THEIR PREPARATION AND USE**
[54] **NOUVEAUX COMPOSES, PREPARATION ET UTILISATION DE CES DERNIERS**
[72] OLSEN, GUNNAR M., DK
[72] PETERS, DAN, DK
[72] NIELSEN, ELSEBET OSTERGAARD, DK
[72] JORGENSEN, TINO DYHRING, DK
[72] AHRING, PHILIP K., DK
[71] NEUROSEARCH A/S, DK
[85] 2003-11-27
[86] 2002-07-02 (DK2002000460)
[87] 2003-01-16 (2003004493)
[30] DK (PA 2001 01064) 2001-07-06

[21] **2,448,915**
[13] A1

[51] **Int.Cl. 7G06G 7/48 7G06G 7/58**
[25] EN
[54] **INFORMATION PROCESSING METHOD FOR DISEASE STRATIFICATION AND ASSESSMENT OF DISEASE PROGRESSING**
[54] **PROCEDE DE TRAITEMENT DE DONNEES POUR LA STRATIFICATION DE MALADIES ET L'ESTIMATION DE L'EVOLUTION DE MALADIES**
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[71] PROSANOS CORPORATION, US
[85] 2003-11-28
[86] 2002-05-31 (US2002017015)
[87] 2002-12-12 (2002099568)
[30] US (60/294,638) 2001-06-01

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[21] **2,448,916**
[13] A1

[51] **Int.Cl. 7H02P 7/00**
[25] EN
[54] **POST-AUTOMATICALLY DETERMINED USER-MODIFIABLE ACTIVITY PERFORMANCE LIMIT APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE LIMITATION DES PERFORMANCES D'ACTIVITE QUE L'UTILISATEUR PEUT MODIFIER ET A DETERMINATION POST-AUTOMATIQUE**
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[71] THE CHAMBERLAIN GROUP, INC., US
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[86] 2003-04-10 (US2003010964)
[87] 2003-10-23 (2003087514)
[30] US (10/120,756) 2002-04-11

[21] **2,448,918**
[13] A1

[51] **Int.Cl. 7G06F 9/44 7G06F 1/00 7G06F 9/445 7G06F 9/46**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATICALLY CONFIGURING A CLIENT-SERVER NETWORK**
[54] **PROCEDE ET SYSTEME DE CONFIGURATION AUTOMATIQUE D'UN RESEAU CLIENT-SERVEUR**
[72] MANUKYAN, JACQUES A., US
[71] INTERGENIX, US
[85] 2003-11-28
[86] 2002-05-30 (US2002016911)
[87] 2002-12-12 (2002099636)
[30] US (09/872,876) 2001-06-01

[21] **2,448,919**
[13] A1

[51] **Int.Cl. 7F16H 7/12**
[25] EN
[54] **DAMPING MECHANISM**
[54] **MECANISME D'AMORTISSEMENT**
[72] HAO, MINCHUN, CA
[72] JEVTIC, ZORAN, US
[72] GAO, LITANG, US
[72] SERKH, ALEXANDER, US
[71] THE GATES CORPORATION, US
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[87] 2003-11-27 (2003098071)
[30] US (10/147,183) 2002-05-15

[21] **2,448,922**
[13] A1

[51] **Int.Cl. 7C09D 17/00 7C09B 67/00 7C09D 167/08**
[25] EN
[54] **PIGMENT PASTE**
[54] **PATE PIGMENTAIRE**
[72] DE JONG, EUGENE MICHAEL
ARNOLDUS, NL
[72] JANS, ROBERTUS JOZEF
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[87] 2002-12-05 (2002096997)
[30] EP (01202044.2) 2001-05-30

[21] **2,448,924**
[13] A1

[51] **Int.Cl. 7A61N 2/02**
[25] EN
[54] **PORTABLE APPLICATOR FOR PULSED SIGNAL THERAPY**
[54] **APPLICATEUR PORTABLE POUR THERAPIE PAR SIGNAL PULSE**
[72] MARKOLL, RICHARD, DE
[71] MARKOLL, RICHARD, DE
[85] 2003-11-28
[86] 2002-05-31 (EP2002006004)
[87] 2002-12-05 (2002096515)
[30] DE (101 26 607.3) 2001-05-31

[21] **2,448,925**
[13] A1

[51] **Int.Cl. 7G06F 13/24**
[25] EN
[54] **TRANSMISSION APPARATUS AND TRANSMISSION METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRANSMISSION**
[72] KASAHARA, TETSUSHI, JP
[72] NAKAMURA, SEIJI, JP
[72] IWATA, KAZUYA, JP
[72] ADACHI, TATSUYA, JP
[71] MATSUSHITA ELECTRIC
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[87] 2002-12-12 (2002099662)
[30] JP (2001-162876) 2001-05-30

[21] **2,448,927**
[13] A1

[51] **Int.Cl. 7A61K 9/28 7A61P 1/10 7A61K 9/16 7A61K 47/34 7A61K 31/4402**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING STOOL SOFTENER SUCH AS POLAXAMER AND ENTERIC COATED PARTICLES OF BISACODYL**
[54] **COMPOSITION PHARMACEUTIQUE**
[72] HAYES, GEOFF, GB
[72] TAMBER, HARJIT, GB
[72] PRATER, DEREK ALLAN, GB
[72] WALDEN, MALCOLM, GB
[72] MOHAMMED, HASSAN, GB
[71] EUROCELTIQUE, S.A., LU
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[86] 2002-05-30 (GB2002002623)
[87] 2002-12-05 (2002096394)
[30] GB (0113074.9) 2001-05-30
[30] GB (0130957.4) 2001-12-24
[30] GB (0210905.6) 2002-05-13

[21] **2,448,929**
[13] A1

[51] **Int.Cl. 7A23C 1/16**
[25] EN
[54] **MONOVALENT SALT ENHANCES SOLUBILITY OF MILK PROTEIN CONCENTRATE**
[54] **SEL MONOVALENT AMELIORANT LA SOLUBILITE D'UN CONCENTRE DE PROTEINE DE LAIT**
[72] CARR, ALISTAIR, NZ
[71] NEW ZEALAND DAIRY BOARD, NZ
[85] 2003-11-28
[86] 2002-05-31 (NZ2002000105)
[87] 2002-12-05 (2002096208)
[30] NZ (512098) 2001-05-31
[30] NZ (512281) 2001-06-08

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[13] A1

[51] **Int.Cl. 7G06F 17/00 7G06F 15/177 7H04L 9/32**
[25] EN
[54] **PROGRAM INSTALLATION PROCESS**
[54] **PROCEDE D'INSTALLATION DE PROGRAMME**
[72] HINDLE, IAN, GB
[72] PORTER, MARCUS, GB
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB
[85] 2003-11-27
[86] 2002-07-01 (GB2002003047)
[87] 2003-01-16 (2003005144)
[30] EP (01305714.6) 2001-07-02
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[21] **2,448,936**
[13] A1

[51] **Int.Cl. 7A61B 5/00**
[25] FR
[54] **PROCEDE ET DISPOSITIF D'ACQUISITION ET DE TRAITEMENT D'IMAGES D'UNE DENT**
[54] **METHOD AND DEVICE FOR THE ACQUISITION AND TREATMENT OF DENTAL IMAGES**
[72] ABRAHAM, EMMANUEL, FR
[72] OBERLE, JEAN, FR
[72] RULLIERE, CLAUDE-ANTOINE, FR
[72] JONUSAUSKAS, GEDIMINAS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2003-11-28
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[87] 2002-12-05 (2002096281)
[30] FR (01/07274) 2001-06-01

[21] **2,448,937**
[13] A1

[51] **Int.Cl. 7D04H 1/46**
[25] EN
[54] **METHOD FOR CONSOLIDATING A MATERIAL WEB MADE FROM WOOD PULP**
[54] **PROCEDE DE CONSOLIDATION D'UNE BANDE DE MATIERE FORMEE DE PATE DE BOIS**
[72] FLEISSNER, GEROLD, CH
[71] FLEISSNER GMBH & CO., MASCHINENFABRIK, DE
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[86] 2002-05-24 (EP2002005697)
[87] 2002-12-05 (2002097181)
[30] DE (101 26 515.8) 2001-05-30

[21] **2,448,938**
[13] A1

[51] **Int.Cl. 7H04R 1/00**
[25] EN
[54] **BONE CONDUCTION HEADSET**
[54] **CASQUE A ECOUTEURS POUR CONDUCTION OSSEUSE**
[72] KOBAYASHI, KAZUJI, JP
[72] FUKUDA, MIKIO, JP
[72] ATSUMI, TOMOYA, JP
[71] TEMCO JAPAN CO., LTD., JP
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[86] 2002-07-04 (JP2002006781)
[87] 2003-01-16 (2003005766)
[30] JP (2001-204815) 2001-07-05

[21] **2,448,940**
[13] A1

[51] **Int.Cl. 7E05F 15/20 7G05B 19/04**
[25] EN
[54] **AUTOMATIC SENSING OF SAFE-OPERATION SENSOR APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE DETECTION AUTOMATIQUE DE CAPTEUR FIABLE**
[72] ROB, ERIC, US
[72] GIOIA, WILLIAM, US
[72] STAFFORD, DAVID, US
[72] STUDY, ROBERT, US
[71] THE CHAMBERLAIN GROUP, INC., US
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[86] 2003-04-30 (US2003013664)
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[30] US (10/135,889) 2002-04-30

[21] **2,448,941**
[13] A1

[51] **Int.Cl. 7E06B 9/58**
[25] EN
[54] **RELEASE MECHANISM FOR A SECTIONAL DOOR**
[54] **MECANISME DE DEGAGEMENT D'UNE PORTE SECTIONNELLE**
[72] SCHULTE, PETER S., US
[71] RITE-HITE HOLDING CORPORATION, US
[85] 2003-11-28
[86] 2002-05-30 (US2002017132)
[87] 2002-12-05 (2002097229)
[30] US (09/870,435) 2001-05-30

[21] **2,448,943**
[13] A1

[51] **Int.Cl. 7A61B 17/12 7A61F 5/00**
[25] FR
[54] **ANNEAU POUR GASTROPLASTIE**
[54] **GASTRIC BAND**
[72] MOUTON, DIDIER, FR
[71] I.O.C., FR
[85] 2003-11-26
[86] 2002-05-31 (FR2002001848)
[87] 2002-12-05 (2002096326)
[30] FR (01/07416) 2001-06-01

[21] **2,448,945**
[13] A1

[51] **Int.Cl. 7G02B 5/30 7G02B 6/00 7H01S 3/00 7H01S 3/30 7G02B 6/32 7G02B 6/38**
[25] EN
[54] **SYSTEM AND METHOD FOR FABRICATING ARRAYED OPTICAL FIBER COLLIMATORS**
[54] **SYSTEME ET PROCEDE DE FABRICATION DE COLLIMATEURS A FIBRES OPTIQUES EN RESEAU**
[72] MIZUSHIMA, YASUYUKI, JP
[72] TAKAHASHI, HIROKI, JP
[72] TAKEUCHI, YOSHIAKI, JP
[72] KIKUCHI, JURO, JP
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[86] 2002-04-29 (US2002013582)
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[30] US (09/898,622) 2001-07-03

[21] **2,448,947**
[13] A1

[51] **Int.Cl. 7C12N 15/86 7A61K 48/00 7C12N 7/04 7C12N 5/10 7C07K 14/145**
[25] FR
[54] **PSEUDOTYPAGE DES VECTEURS VIH-1 PAR DES ENVELOPPES DE RHABDOVIRUS**
[54] **PSEUDOTYPING VIH-1 VECTORS WITH THE AID OF RHABDOVIRUS ENVELOPPES**
[72] HE, YI, FR
[72] SARKIS, CHAMSY, FR
[72] DUFOUR, NOELLE, FR
[72] SERGUERA, CHE, FR
[72] MALLET, JACQUES, FR
[71] BIOVECTYS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2003-11-27
[86] 2002-05-31 (FR2002001833)
[87] 2002-12-05 (2002097104)
[30] FR (01/07239) 2001-06-01

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[13] A1

[51] **Int.Cl. 7E05G 1/06 7E05G 1/04**
[25] FR
[54] **DISPOSITIF DE STOCKAGE D'OBJETS**
[54] **DEVICE FOR STORING OBJECTS**
[72] MERCIER, ANTOINE FRANCIS
PIERRE, FR
[71] AMANAGEMENT, FR
[85] 2003-11-27
[86] 2002-05-22 (FR2002001722)
[87] 2002-12-05 (2002097225)
[30] FR (01/07160) 2001-05-31

[21] **2,448,953**
[13] A1

[51] **Int.Cl. 7G01N 33/564 7A61P 3/00 7A61K 49/10 7A61K 49/12 7A61K 39/395 7C12Q 1/68**
[25] EN
[54] **ASSAY FOR BETA CELL TOXIC MACROLIDES**
[54] **ANALYSE DE MACROLIDES TOXIQUES DANS DES LYMPHOCYTES B**
[72] MACKAY, IAN, R., AU
[72] ZIMMET, PAUL, Z., AU
[72] MYERS, MARK, A., AU
[71] MONASH UNIVERSITY, AU
[71] INTERNATIONAL DIABETES INSTITUTE, AU
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[86] 2002-05-22 (AU2002000643)
[87] 2002-12-05 (2002097437)
[30] AU (PR 5371) 2001-05-31

[21] **2,448,954**
[13] A1

[51] **Int.Cl. 7A23L 1/0524 7A23L 2/02 7A23L 1/0532 7A23L 2/06 7A23L 1/30 7A23L 2/52**
[25] EN
[54] **COMPOSITIONS COMPRISING FATTY ACIDS HAVING SUPERIOR STABILITY AND FLAVOUR PROPERTIES**
[54] **COMPOSITIONS D'ACIDES GRAS PRESENTANT DES QUALITES SUPERIEURES DE STABILITE ET DE GOUT**
[72] HEISEY, MATTHEW THOMAS, US
[72] NUNES, RAUL VICTORINO, US
[72] BROCK, MICHAEL HERBERT, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[86] 2002-06-28 (US2002020543)
[87] 2003-01-16 (2003003849)
[30] US (60/302,407) 2001-07-02

[21] **2,448,957**
[13] A1

[51] **Int.Cl. 7A61B 17/22**
[25] EN
[54] **METHOD FOR AIMING ULTRASOUND FOR MEDICAL TREATMENT**
[54] **PROCEDE PERMETTANT DE DIRIGER DES ULTRASONS AUX FINS DE TRAITEMENT MEDICAL ULTRASONORE**
[72] MAST, T., DOUGLAS, US
[72] MAKIN, INDER RAJ S., US
[72] DUNKI-JACOBS, ROBERT J., US
[71] ETHICON ENDO-SURGERY, INC., US
[85] 2003-11-28
[86] 2002-05-28 (US2002016695)
[87] 2002-12-05 (2002096304)
[30] US (60/294,135) 2001-05-29
[30] US (10/152,769) 2002-05-22

[21] **2,448,958**
[13] A1

[51] **Int.Cl. 7C22B 4/00 7C22B 7/00**
[25] EN
[54] **METHOD FOR DIRECT METAL MAKING BY MICROWAVE ENERGY**
[54] **PROCEDE PERMETTANT DE PREPARER DIRECTEMENT UN METAL A L'AIDE D'ENERGIE MICRO-ONDE**
[72] HWANG, JIANN-YANG, US
[72] HUANG, XIAODI, US
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[71] HUANG, XIAODI, US
[85] 2003-11-28
[86] 2001-05-31 (US2001017584)
[87] 2002-10-10 (2002079529)

[21] **2,448,959**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD AND SYSTEM FOR MANAGING SPENDING THROUGH ACCOUNT ALLOCATION**
[54] **PROCEDE ET SYSTEME DE GESTION DES DEPENSES PAR AFFECTATION A DES COMPTES**
[72] ROSNER, WARREN M., US
[72] THOMAS, NICHOLAS A., US
[72] SMITH, STEVEN B., US
[71] IN2M CORPORATION, US
[85] 2003-11-28
[86] 2002-05-17 (US2002015605)
[87] 2002-12-05 (2002097561)
[30] US (09/870,142) 2001-05-30

[21] **2,448,961**
[13] A1

[51] **Int.Cl. 7A61F 5/00 7A61B 19/00 7A61B 17/064**
[25] EN
[54] **OBESITY TREATMENT TOOLS AND METHODS**
[54] **INSTRUMENTS ET METHODES DE TRAITEMENT DE L'OBESITE**
[72] WELLER, GARY, US
[72] FRENCH, RONALD G., US
[72] GIFFORD, HANSON S., III, US
[72] SUTTON, DOUGLAS S., US
[72] GERBI, CRAIG, US
[72] ANDREAS, BERNARD H., US
[72] DEEM, MARK E., US
[72] GANNOE, JAMES, US
[71] SATIETY, INC., US
[85] 2003-11-28
[86] 2002-05-29 (US2002017077)
[87] 2002-12-05 (2002096327)
[30] US (09/871,297) 2001-05-30
[30] US (10/155,362) 2002-05-23

[21] **2,448,962**
[13] A1

[51] **Int.Cl. 7G06F 9/445**
[25] EN
[54] **A MOBILE COMMUNICATIONS DEVICE APPLICATION PROCESSING SYSTEM**
[54] **SYSTEME DE TRAITEMENT D'APPLICATION DE DISPOSITIF DE COMMUNICATIONS MOBILE**
[72] YACH, DAVID P., CA
[72] DAHMS, JOHN F.A., CA
[71] RESEARCH IN MOTION LIMITED, CA
[85] 2003-11-28
[86] 2002-05-30 (CA2002000799)
[87] 2002-12-05 (2002097619)
[30] US (60/294,331) 2001-05-30

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[21] **2,448,964**
[13] A1

[51] **Int.Cl. 7A61K 7/42**
[25] EN
[54] **SUN PROTECTION PRODUCT**
[54] **PRODUIT DE PROTECTION SOLAIRE**
[72] JOHNSTON, ANDREW, DE
[72] LANGE, RAINER, DE
[72] LANGHALS, MARIA, DE
[72] MARTENS, NICOLAS, DE
[72] LINDERMAIER, TANJA, DE
[72] VON STETTEN, OTTO, DE
[71] JOHNSON & JOHNSON GMBH, DE
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[86] 2002-02-08 (EP2002001486)
[87] 2002-08-22 (2002064107)
[30] EP (01200464.4) 2001-02-09

[21] **2,448,968**
[13] A1

[51] **Int.Cl. 7F42B 5/285**
[25] EN
[54] **DUAL CORE AMMUNITION**
[54] **BALLE A DOUBLE NOYAU**
[72] HALVERSON, HENRY J., US
[71] OLIN CORPORATION, US
[85] 2003-11-28
[86] 2002-05-08 (US2002014491)
[87] 2003-04-10 (2003029746)
[30] US (60/294,169) 2001-05-29
[30] US (10/010,009) 2001-11-09

[21] **2,448,972**
[13] A1

[51] **Int.Cl. 7A61D 7/00**
[25] EN
[54] **ANIMAL TREATMENT AND MARKING SYSTEM**
[54] **SYSTEME DE TRAITEMENT ET DE MARQUAGE D'ANIMAUX**
[72] PLANT, SHAUN, NZ
[72] JORDAN, DUNCAN KEKEWICH, NZ
[72] BUCKLEY, PAUL FLEMING, NZ
[71] FORLONG & MAISEY LIMITED, NZ
[85] 2003-11-28
[86] 2002-05-28 (NZ2002000104)
[87] 2002-12-05 (2002096316)
[30] NZ (512038) 2001-05-29
[30] NZ (514339) 2001-09-21

[21] **2,448,976**
[13] A1

[51] **Int.Cl. 7C08B 30/04**
[25] EN
[54] **METHOD FOR PRODUCING STARCH OR STARCH-CONTAINING PRODUCTS FROM STARCH-CONTAINING PLANT RAW MATERIALS**
[54] **PROCEDE DE PRODUCTION D'AMIDON OU DE PRODUITS A BASE D'AMIDON, A PARTIR DE MATIERES PREMIERES VEGETALES CONTENANT DE L'AMIDON**
[72] WITTENBERGER, ROBERT, AT
[72] GRULL, DIETMAR, AT
[72] WASTYN, MARNIK MICHEL, AT
[71] SUDZUCKER AG MANNHEIM/OCHSENFURT, DE
[85] 2003-11-28
[86] 2002-05-29 (AT2002000162)
[87] 2002-12-12 (2002098922)
[30] AT (A 888/2001) 2001-06-07

[21] **2,448,977**
[13] A1

[51] **Int.Cl. 7H01M 8/10 7B01D 71/06 7H01B 1/12 7C08J 5/22**
[25] EN
[54] **A FUEL CELL INCORPORATING A MODIFIED ION EXCHANGE MEMBRANE**
[54] **PILE A COMBUSTIBLE INCORPORANT UNE MEMBRANE D'ECHANGES IONIQUES MODIFIEE**
[72] PICKUP, PETER GRAHAM, CA
[72] QI, ZHIGANG, US
[72] JIA, NENG YOU, CA
[71] GENESIS GROUP INC., CA
[85] 2003-11-28
[86] 2001-05-30 (CA2001000767)
[87] 2001-12-06 (2001093361)
[30] CA (2,310,310) 2000-05-30

[21] **2,448,978**
[13] A1

[51] **Int.Cl. 7H04L 12/56**
[25] EN
[54] **CELL-BASED SWITCH FABRIC ARCHITECTURE ON A SINGLE CHIP**
[54] **ARCHITECTURE DE MATRICE DE COMMUTATION BASEE SUR DES CELLULES**
[72] COTE, SEBASTIEN, CA
[72] LANGLOIS, CARL, CA
[72] HAUGHEY, JOHN, US
[72] BOUDREAULT, YVES, CA
[72] DE MARIA, MARCELO, CA
[72] NORMAN, RICHARD S., CA
[71] HYPERCHIP INC., CA
[85] 2003-11-28
[86] 2002-05-31 (CA2002000810)
[87] 2002-12-05 (2002098066)
[30] US (09/870,767) 2001-06-01
[30] US (09/870,766) 2001-06-01
[30] US (09/870,800) 2001-06-01
[30] US (09/870,703) 2001-06-01
[30] US (09/870,841) 2001-06-01

[21] **2,448,979**
[13] A1

[51] **Int.Cl. 7G06F 9/445**
[25] EN
[54] **SAFE APPLICATION DISTRIBUTION AND EXECUTION IN A WIRELESS ENVIRONMENT**
[54] **EXECUTION ET DISTRIBUTION FIABLES D'APPLICATION DANS UN ENVIRONNEMENT SANS FIL**
[72] SPRIGG, STEPHEN A., US
[72] CROSSLAND, KAREN, US
[72] HOREL, GERALD, CA
[72] OLIVER, MITCHELL, US
[72] CHMAYTELLI, MAZEN, US
[72] KRISHNAN, ANAND, US
[72] MINEAR, BRIAN, US
[72] ZHUANG, YAN, AU
[72] PHILLIPS, MARC S., US
[72] LUNDBLADE, LAURENCE, US
[71] QUALCOMM, INCORPORATED, US
[85] 2003-11-28
[86] 2002-05-23 (US2002016485)
[87] 2002-12-05 (2002097620)
[30] US (09/872,418) 2001-05-31

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[13] A1
[51] **Int.Cl. 7G06K 9/00 7A61B 5/00**
7A61B 5/05
[25] EN
[54] **ROBUST STAIN DETECTION AND QUANTIFICATION FOR HISTOLOGICAL SPECIMENS BASED ON A PHYSICAL MODEL FOR STAIN ABSORPTION**
[54] **DETECTION ET QUANTIFICATION EFFICACES DE COLORATIONS DESTINEES AUX SPECIMENS HISTOLOGIQUES ET FONDEES SUR UN MODELE PHYSIQUE D'ABSORPTION DE LA LUMIERE PAR LES COLORATIONS**
[72] FUHRMAN, MICHAEL, US
[72] ABDULKARIM, OTHMAN, US
[72] STONE, RONALD, US
[71] TISSUEINFORMATICS, INC., US
[85] 2003-11-28
[86] 2002-05-29 (US2002017021)
[87] 2002-12-05 (2002097716)
[30] US (60/294,097) 2001-05-29

[21] **2,448,981**
[13] A1
[51] **Int.Cl. 7G01N 33/68 7G01N 33/52**
[25] EN
[54] **MISFOLDED PROTEIN SENSOR METHOD**
[54] **PROCEDE DE DETECTION DE PROTEINES MAL PLIEES**
[72] ORSER, CINDY, US
[72] DAVIDSON, EUGENE, US
[72] GROSSET, ANNE, CH
[71] ARETE ASSOCIATES, US
[85] 2003-11-28
[86] 2002-05-30 (US2002017212)
[87] 2002-12-05 (2002097444)
[30] US (60/295,456) 2001-05-31

[21] **2,448,984**
[13] A1
[51] **Int.Cl. 7G02F 1/1337 7G02F 1/139**
[25] FR
[54] **POLYIMIDES POUR ANCRAGE DE CRISTAUX LIQUIDES, DISPOSITIFS D'AFFICHAGE LES INCLUANT ET PROCEDE DE PREPARATION DE CES DISPOSITIFS**
[54] **POLYIMIDES FOR ANCHORING LIQUID CRYSTALS, DISPLAY DEVICES INCLUDING SAME AND METHOD FOR THE PREPARATION OF SAID DEVICES**
[72] DUBOIS, JEAN-CLAUDE, FR
[72] GALLAIRE, DIDIER, FR
[72] DOZOV, IVAN N., FR
[72] LE MOIGNE, JACQUES, FR
[72] LAMARQUE, SANDRINE, FR
[71] NEMOPTIC, FR
[85] 2003-11-28
[86] 2002-05-30 (FR2002001815)
[87] 2002-12-05 (2002097524)
[30] FR (01/07137) 2001-05-31

[21] **2,448,986**
[13] A1
[51] **Int.Cl. 7H04L 12/56**
[25] EN
[54] **SIGNAL ROUTE SELECTOR AND METHOD OF SIGNAL ROUTING**
[54] **SELECTEUR DE CHEMIN DE SIGNAL ET PROCEDE D'ACHEMINEMENT DE SIGNAL**
[72] MEESE, RUPERT, GB
[71] MARCONI UK INTELLECTUAL PROPERTY LIMITED, GB
[85] 2003-11-28
[86] 2002-05-29 (GB2002002530)
[87] 2002-12-05 (2002098074)
[30] GB (0112955.0) 2001-05-29

[21] **2,448,987**
[13] A1
[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **METHOD FOR TRANSMITTING INFORMATION STREAM, CORRESPONDING TRANSMISSION SYSTEM TRANSMITTER RECEIVER AND COMPUTER PRODUCT**
[54] **PROCEDE DE TRANSMISSION DE FLUX D'INFORMATION, SYSTEME DE TRANSMISSION CORRESPONDANT, RECEPTEUR, EMETTEUR ET PRODUIT INFORMATIQUE**
[72] FRANCESCHINI, GUIDO, IT
[72] QUAGLIA, MAURO, IT
[72] VARESEO, ANDREA, IT
[71] TELECOM ITALIA S.P.A., IT
[85] 2003-11-28
[86] 2002-05-30 (IT2002000346)
[87] 2002-12-05 (2002098102)
[30] IT (TO2001A000525) 2001-06-01

[21] **2,448,989**
[13] A1
[51] **Int.Cl. 7H04L 1/00**
[25] EN
[54] **A METHOD FOR IMPROVING PACKET DELIVERY IN AN UNRELIABLE ENVIRONMENT**
[54] **PROCEDE POUR L'AMELIORATION DE REMISE DE PAQUETS DE DONNEES DANS UN ENVIRONNEMENT PEU FIABLE**
[72] POPOVICH, GEORGE, US
[71] MOTOROLA INC., US
[85] 2003-11-28
[86] 2002-05-13 (US2002018553)
[87] 2002-12-05 (2002098050)
[30] US (09/871,409) 2001-05-31

[21] **2,448,996**
[13] A1
[51] **Int.Cl. 7A44B 18/00**
[25] EN
[54] **FORMING DISCRETE FASTENER ELEMENT REGIONS**
[54] **FORMATION DE REGIONS A ELEMENTS DISCRETS**
[72] SHEPARD, WILLIAM H., US
[72] PROVOST, GEORGE A., US
[72] CLUNE, WILLIAM, US
[71] VELCRO INDUSTRIES B.V., AN
[85] 2003-11-28
[86] 2002-05-29 (US2002016898)
[87] 2002-12-05 (2002096233)
[30] US (60/294,401) 2001-05-29

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[21] **2,448,997**
[13] A1

[51] **Int.Cl. 7A61K 9/48**
[25] EN
[54] **METERING AND PACKAGING OF CONTROLLED RELEASE MEDICATION**
[54] **DOSAGE ET CONDITIONNEMENT DE MEDICAMENTS A LIBERATION CONTROLEE**
[72] ABRAMS, ANDREW L., US
[72] GUMASTE, ANAND V., US
[71] MICRODOSE TECHNOLOGIES, INC., US
[85] 2003-11-28
[86] 2002-05-22 (US2002016185)
[87] 2002-12-05 (2002096347)
[30] US (60/294,786) 2001-05-31

[21] **2,449,002**
[13] A1

[51] **Int.Cl. 7A61K 9/20 7A61K 9/14 7A61K 31/545**
[25] EN
[54] **ENHANCEMENT OF ORAL BIOAVAILABILITY OF NON-EMULSIFIED FORMULATION OF PRODRUG ESTERS WITH LECITHIN**
[54] **AMELIORATION DE LA BIODISPONIBILITE ORALE DE PREPARATION NON EMULSIONNEE D'ESTERS DE PRODRUGUES AVEC DE LA LECITHINE**
[72] BRISKIN, JACQUELINE, US
[72] GUPTA, PRAMOD, US
[72] APONTE, ROBERTO, US
[72] TANEJA, RAJNEESH, US
[72] BRINKER, DALE, US
[72] VISHWASRAO, DILIP, US
[71] TAP PHARMACEUTICAL PRODUCTS INC., US
[85] 2003-11-28
[86] 2002-05-28 (US2002016428)
[87] 2002-12-05 (2002096354)
[30] US (60/294,141) 2001-05-29
[30] US (09/867,353) 2001-05-29

[21] **2,449,005**
[13] A1

[51] **Int.Cl. 7B21D 31/00**
[25] FR
[54] **PROCEDE DE FABRICATION DE PROFILS METALLIQUES**
[54] **METHOD FOR THE PRODUCTION OF METAL PROFILES**
[72] EFTYMIADES, GEORGES, FR
[71] AIRBUS FRANCE, FR
[85] 2003-11-26
[86] 2002-05-30 (FR2002001819)
[87] 2002-12-05 (2002096579)
[30] FR (01/07230) 2001-06-01

[21] **2,449,006**
[13] A1

[51] **Int.Cl. 7A61K 31/42 7C07D 403/02 7C07D 413/02 7A61P 3/04 7A61K 31/445**
[25] EN
[54] **CONFORMATIONALLY CONSTRAINED ANALOGS USEFUL AS ANTIDIABETIC AND ANTI OBESITY AGENTS AND METHOD**
[54] **ANALOGUES A CONFORMATION CONTRAINTE UTILISES EN TANT QU'AGENTS CONTRE LE DIABETE ET CONTRE L'OBESITE, ET PROCEDE ASSOCIE**
[72] CHENG, PETER T., US
[72] JEON, YOON, US
[72] WANG, WEI, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2003-11-28
[86] 2002-05-23 (US2002016628)
[87] 2002-12-05 (2002096357)
[30] US (60/294,505) 2001-05-30

[21] **2,449,007**
[13] A1

[51] **Int.Cl. 7A23J 1/14 7A23J 3/14**
[25] EN
[54] **PRODUCTION OF HIGH-QUALITY PROTEIN ISOLATES FROM DEFATTED MEALS OF BRASSICA SEEDS**
[54] **PRODUCTION D'ISOLATS DE PROTEINE DE HAUTE QUALITE A PARTIR DE FARINES DEGRAISSEES DE GRAINES DE CRUCIFERES**
[72] DIOSADY, LEVENTE, LASZLO, CA
[72] XU, LEI, CA
[72] CHEN, BIH-KING, CA
[71] DIOSADY, LEVENTE, LASZLO, CA
[71] XU, LEI, CA
[71] CHEN, BIH-KING, CA
[85] 2003-11-27
[86] 2002-05-28 (CA2002000776)
[87] 2002-12-05 (2002096214)
[30] US (60/294,520) 2001-05-29

[21] **2,449,009**
[13] A1

[51] **Int.Cl. 7A61K 31/195**
[25] EN
[54] **METHOD OF TREATING GASTROESOPHAGEAL REFLUX DISEASE AND NOCTURNAL ACID BREAKTHROUGH**
[54] **METHODE DE TRAITEMENT DE REFLUX GASTROESOPHAGIEN PATHOLOGIQUE ET DE SECRETION D'ACIDE NOCTURNE**
[72] BERNER, BRET, US
[72] FARA, JOHN W., US
[72] COWLES, VERNE E., US
[71] DEPOMED DEVELOPMENT, LTD, GB
[85] 2003-11-26
[86] 2002-05-20 (US2002016127)
[87] 2002-12-05 (2002096404)
[30] US (60/294,551) 2001-05-29

[21] **2,449,010**
[13] A1

[51] **Int.Cl. 7E05D 3/02**
[25] EN
[54] **HINGE FOR A TONNEAU COVER**
[54] **CHARNIERE POUR COUVERTURE DE PLATE-FORME DE CHARGEMENT**
[72] HENDERSON, JACK V., US
[71] DECOMA INTERNATIONAL INC., CA
[85] 2003-11-28
[86] 2002-06-25 (CA2002000973)
[87] 2003-01-03 (2003001013)
[30] US (60/300,504) 2001-06-22

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[21] **2,449,012**
[13] A1

[51] **Int.Cl. 7A61B 5/05**
[25] EN
[54] **GUIDING ULTRASOUND END EFFECTOR FOR MEDICAL TREATMENT**
[54] **GUIDAGE D'ORGANE EFFECTEUR ULTRASONORE POUR TRAITEMENT MEDICAL**
[72] MAST, DOUGLAS T., US
[72] MAKIN, INDER RAJ S., US
[72] DUNKI-JACOBS, ROBERT, US
[71] ETHICON ENDO-SURGERY, INC., US
[85] 2003-11-27
[86] 2002-05-28 (US2002016699)
[87] 2002-12-05 (2002096507)
[30] US (60/294,135) 2001-05-29
[30] US (10/153,246) 2002-05-22

[21] **2,449,013**
[13] A1

[51] **Int.Cl. 7C12N 7/01 7A61K 48/00 7A01N 63/00 7C12N 7/04 7A61K 31/711**
[25] EN
[54] **VIRAL MUTANTS THAT SELECTIVELY REPLICATE IN TARGETED HUMAN CANCER CELLS**
[54] **MUTANTS VIRAUX QUI SE REPLIQUENT DE MANIERE SELECTIVE DANS LES CELLULES CANCEREUSES HUMAINES CIBLES**
[72] FATTAEY, ALI, US
[72] SHEN, YUQIAO, US
[72] HERMINSTON, TERRY, US
[71] ONYX PHARMACEUTICALS, INC., US
[85] 2003-11-26
[86] 2002-07-09 (US2002021510)
[87] 2003-02-06 (2003010306)
[30] US (60/307,576) 2001-07-23

[21] **2,449,015**
[13] A1

[51] **Int.Cl. 7A61B 8/14**
[25] EN
[54] **METHOD FOR AIMING ULTRASOUND FOR MEDICAL TREATMENT**
[54] **METHODE DE GUIDAGE D'ULTRASONS DANS UN TRAITEMENT MEDICAL**
[72] MAKIN, INDER RAJ S., US
[72] MAST, T. DOUGLAS, US
[72] DUNKI-JACOBS, ROBERT J., US
[71] ETHICON ENDO-SURGERY, INC., US
[85] 2003-11-27
[86] 2002-05-28 (US2002016700)
[87] 2002-12-05 (2002096508)
[30] US (60/294,135) 2001-05-29
[30] US (10/153,241) 2002-05-22

[21] **2,449,016**
[13] A1

[51] **Int.Cl. 7A01J 5/04**
[25] EN
[54] **MILKING PLANT AND METHOD FOR REDUCING SOUND EMISSIONS IN A MILKING PLANT**
[54] **DISPOSITIF DE TRAITE ET PROCEDE DE REDUCTION D'EMISSIONS SONORES DANS UN DISPOSITIF DE TRAITE**
[72] BILGERY, ERWIN, CH
[71] BITEC ENGINEERING, CH
[71] MOSER STALLEINRICHTUNGEN, CH
[85] 2003-11-28
[86] 2002-06-05 (CH2002000292)
[87] 2002-12-12 (2002098211)
[30] CH (1036/01) 2001-06-07

[21] **2,449,017**
[13] A1

[51] **Int.Cl. 7C12Q 1/02 7G01N 33/53 7G01N 33/60**
[25] EN
[54] **NEUROBLASTOMA CELL LINES EXPRESSING THE ALPHA2DELTA SUBUNIT OF CALCIUM CHANNELS AND METHODS THEREFORE**
[54] **LIGNEES CELLULAIRES DE NEUROBLASTOMES EXPRIMANT LA SOUS-UNITE ALPHA2DELTA DES CANAUX CALCIQUES ET LEURS METHODES**
[72] YAGEL, SUSAN K., US
[72] CODD, ELLEN E., US
[72] ZHANG, SUI PO, US
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US
[85] 2003-11-27
[86] 2002-05-28 (US2002016732)
[87] 2002-12-05 (2002097045)
[30] US (09/870,338) 2001-05-30

[21] **2,449,018**
[13] A1

[51] **Int.Cl. 7G02B 6/12**
[25] EN
[54] **WAVEGUIDE BENDS AND DEVICES INCLUDING WAVEGUIDE BENDS**
[54] **COUDES DE GUIDE D'ONDES ET DISPOSITIFS COMPRENANT DES COUDES DE GUIDE D'ONDES**
[72] CARNIEL, FEDERICO, IT
[72] MELLONI, ANDREA, IT
[72] COSTA, RAFFAELLA, IT
[71] PIRELLI & C. S.P.A., IT
[85] 2003-11-28
[86] 2002-05-28 (EP2002005848)
[87] 2002-12-12 (2002099484)
[30] EP (01304890.5) 2001-06-05
[30] US (60/295,870) 2001-06-06

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[21] **2,449,019**
[13] A1

[51] **Int.Cl. 7A61K 31/44 7A61P 25/00 7A61P 43/00**
[25] EN
[54] **METHOD FOR TREATING NERVE INJURY CAUSED BY SURGERY**
[54] **PROCEDE DE TRAITEMENT D'ACCIDENTS NERVEUX ENTRAINES PAR UNE OPERATION**
[72] BURNETT, ARTHUR L., US
[72] SNYDER, SOLOMON, US
[72] STEINER, JOSEPH P., US
[71] GUILFORD PHARMACEUTICALS INC., US
[71] THE JOHN HOPKINS UNIVERSITY SCHOOL OF MEDICINE, US
[85] 2003-11-28
[86] 2002-05-29 (US2002016806)
[87] 2002-12-05 (2002096420)
[30] US (60/293,544) 2001-05-29

[21] **2,449,021**
[13] A1

[51] **Int.Cl. 7A61K 31/277 7C07C 255/42**
[25] EN
[54] **NOVEL COMPOUNDS AND COMPOSITIONS AS CATHEPSIN INHIBITORS**
[54] **COMPOSES ET COMPOSITIONS D'INHIBITEURS DE CATHEPSINE**
[72] ZIPFEL, SHEILA, US
[72] PATTERSON, JOHN W., US
[71] AXYS PHARMACEUTICALS, INC., US
[85] 2003-11-27
[86] 2002-06-04 (US2002017922)
[87] 2002-12-12 (2002098406)
[30] US (60/295,744) 2001-06-04

[21] **2,449,022**
[13] A1

[51] **Int.Cl. 7E05B 27/00**
[25] EN
[54] **LOCK CYLINDER RETAINER**
[54] **DISPOSITIF DE RETENUE POUR BARILLET DE SERRURE**
[72] RODRIGUEZ, LAWRENCE G., US
[71] NEWFREY LLC, US
[85] 2003-11-28
[86] 2002-06-12 (US2002018526)
[87] 2003-01-03 (2003001010)
[30] US (09/885,588) 2001-06-20

[21] **2,449,023**
[13] A1

[51] **Int.Cl. 7G02B 6/44**
[25] EN
[54] **OPTICAL CABLE PROVIDED WITH A MECHANICALLY RESISTANT COVERING**
[54] **CABLE OPTIQUE POSSEDANT UN REVETEMENT MECANIQUEMENT RESISTANT**
[72] GINOCCHIO, ALESSANDRO, IT
[72] CONSONNI, ENRICO, IT
[72] VALLS PRATS, AGUSTI, IT
[71] PIRELLI & C. S.P.A., IT
[85] 2003-11-28
[86] 2002-05-28 (EP2002005849)
[87] 2002-12-12 (2002099491)
[30] EP (01830365.1) 2001-06-04
[30] US (60/301,819) 2001-07-02

[21] **2,449,024**
[13] A1

[51] **Int.Cl. 7A61K 31/555 7A61K 31/28**
[25] EN
[54] **OXIDANT SCAVENGERS FOR TREATMENT OF DIABETES OR USE IN TRANSPLANTATION OR INDUCTION OF IMMUNE TOLERANCE**
[54] **CAPTEURS OXYDANTS DESTINES AU TRAITEMENT DU DIABETE OU A ETRE UTILISES DANS UNE TRANSPLANTATION OU A INDUIRE UNE TOLERANCE IMMUNITAIRE**
[72] GAMMANS, RICHARD, US
[72] PATEL, MANISHA, US
[72] DAY, BRIAN J., US
[72] CRAPO, JAMES D., US
[72] PIGANELLI, JON D., US
[72] HASKINS, KATHRYN, US
[72] GILL, RONALD G., US
[72] FLORES, SONIA C., US
[71] NATIONAL JEWISH MEDICAL AND RESEARCH CENTER, US
[71] PIGANELLI, JON D., US
[71] HASKINS, KATHRYN, US
[71] GILL, RONALD G., US
[71] AEOLUS PHARMACEUTICALS, INC., US
[71] FLORES, SONIA C., US
[85] 2003-11-26
[86] 2002-06-03 (US2002017144)
[87] 2002-12-12 (2002098431)
[30] US (60/294,604) 2001-06-01
[30] US (60/328,398) 2001-10-12

[21] **2,449,028**
[13] A1

[51] **Int.Cl. 7B01D 29/03 7B01D 29/64**
[25] EN
[54] **SCREEN APPARATUS**
[54] **APPAREIL DE CRIBLAGE**
[72] FROUD, COLIN, GB
[71] CSO TECHNIK LIMITED, GB
[85] 2003-11-27
[86] 2002-04-18 (GB2002001791)
[87] 2002-10-31 (2002085488)
[30] GB (0109812.8) 2001-04-23

[21] **2,449,025**
[13] A1

[51] **Int.Cl. 7A47F 3/00 7A47F 7/00 7A47J 39/00**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING THE DRYING OF PREVIOUSLY BAKED GOODS**
[54] **PROCEDE ET APPAREIL POUR CONTROLER LE SECHAGE DE PRODUITS PREALABLEMENT CUITS**
[72] SCHMIDT, GIINPING IRENE, US
[72] ROEHR, EILEEN, US
[72] GAJ, MARK A., US
[72] GUTIERREZ, ANTONIO, US
[72] ZHANG, HUA, US
[72] FOSTER, MARK O., US
[71] NESTEC S.A., CH
[85] 2003-11-27
[86] 2002-05-28 (EP2002005903)
[87] 2002-12-12 (2002098235)
[30] US (09/872,099) 2001-06-01

[21] **2,449,027**
[13] A1

[51] **Int.Cl. 7A61F 13/42**
[25] EN
[54] **ABSORBENT ARTICLE HAVING A FEVER INDICATOR**
[54] **ARTICLE ABSORBANT COMPRENANT UN INDICATEUR DE FIEVRE**
[72] ROE, DONALD CARROLL, US
[72] MASON, OLIVER EDWIN CLARKE, US
[72] ALLEN, PATRICK JAY, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-11-28
[86] 2002-06-19 (US2002019563)
[87] 2003-01-09 (2003002050)
[30] US (60/302,481) 2001-06-29
[30] US (10/078,826) 2002-02-19

[21] **2,449,028**
[13] A1

[51] **Int.Cl. 7B01D 29/03 7B01D 29/64**
[25] EN
[54] **SCREEN APPARATUS**
[54] **APPAREIL DE CRIBLAGE**
[72] FROUD, COLIN, GB
[71] CSO TECHNIK LIMITED, GB
[85] 2003-11-27
[86] 2002-04-18 (GB2002001791)
[87] 2002-10-31 (2002085488)
[30] GB (0109812.8) 2001-04-23

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[21] **2,449,030**
[13] A1

[51] **Int.Cl. 7B01D 19/04**
[25] EN
[54] **DEFOAMING AGENT AND/OR DEAERATING AGENT BASED ON OIL-IN-WATER DISPERSIONS**
[54] **AGENTS ANTIMOUSSANTS ET/OU DESAERANTS A BASE DE DISPERSIONS HUILE DANS EAU**
[72] MATZ, MANFRED, DE
[72] LORENZ, KLAUS, DE
[72] BONN, JOHANN, DE
[72] KAMIETH, MARKUS, DE
[72] DYLLICK-BREZINGER, RAINER, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2003-11-28
[86] 2002-06-04 (EP2002006129)
[87] 2002-12-12 (2002098532)
[30] DE (101 27 245.6) 2001-06-05

[21] **2,449,031**
[13] A1

[51] **Int.Cl. 7C07D 487/22 7A61K 31/409**
[25] EN
[54] **WATER-SOLUBLE PORPHYRIN DERIVATIVES FOR PHOTODYNAMIC THERAPY, THEIR USE AND MANUFACTURE**
[54] **DERIVES PORPHYRIQUES HYDROSOLUBLES DESTINES A UN TRAITEMENT PHOTODYNAMIQUE, LEUR UTILISATION ET LEUR PRODUCTION**
[72] YASHUNSKY, DMITRI V., RU
[72] NIFANTIEV, NIKOLAY E., RU
[71] CERAMOPTEC INDUSTRIES, INC., US
[85] 2003-11-27
[86] 2002-05-31 (US2002016992)
[87] 2002-12-12 (2002098882)
[30] US (09/871,772) 2001-06-01
[30] US (10/151,764) 2002-05-20

[21] **2,449,032**
[13] A1

[51] **Int.Cl. 7H04N 7/26 7G06F 17/30**
[25] EN
[54] **EFFICIENT TRANSMISSION AND PLAYBACK OF DIGITAL INFORMATION**
[54] **TRANSMISSION/LECTURE EFFICACE D'INFORMATIONS NUMERIQUES**
[72] BELKNAP, WILLIAM RUSSELL, US
[72] DOONG, JANE KU, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2003-11-27
[86] 2002-06-24 (GB2002002868)
[87] 2003-01-09 (2003003731)
[30] US (09/895,055) 2001-06-29

[21] **2,449,033**
[13] A1

[51] **Int.Cl. 7B01D 21/00**
[25] EN
[54] **DYNAMIC SETTLER**
[54] **DECANTEUR DYNAMIQUE**
[72] BOHN, MARK S., US
[72] SIEBARTH, JAMES E., US
[71] RENTECH, INC., US
[85] 2003-11-28
[86] 2002-05-09 (US2002011881)
[87] 2002-12-05 (2002097007)
[30] US (09/871,148) 2001-05-29

[21] **2,449,034**
[13] A1

[51] **Int.Cl. 7C08G 63/08 7C08G 63/40 7C08G 63/60**
[25] EN
[54] **COPOLYESTERS AND POLYMERIZATION OF MACROCYCLIC OLIGOESTERS**
[54] **COPOLYESTERS ET POLYMERISATION D'OLIGOESTERS MACROCYCLIQUES**
[72] TAKEKOSHI, TOHRU, US
[72] WANG, YI-FENG, US
[71] CYCLICS CORPORATION, US
[85] 2003-11-27
[86] 2002-06-05 (US2002017607)
[87] 2002-12-12 (2002098946)
[30] US (09/874,706) 2001-06-05

[21] **2,449,035**
[13] A1

[51] **Int.Cl. 7C09D 5/24 7H01B 1/20**
[25] EN
[54] **PROCESS FOR PRODUCING MOULDINGS HAVING AN ELECTRICALLY CONDUCTIVE COATING, AND MOULDINGS WITH SUCH A COATING**
[54] **PROCEDE POUR PRODUIRE DES CORPS MOULES PRESENTANT UN REVETEMENT ELECTROCONDUCTEUR ET CORPS MOULES PRESENTANT UN TEL REVETEMENT**
[72] SERVATY, SABINE, DE
[72] HASSKERL, THOMAS, DE
[72] NEEB, ROLF, DE
[72] MIESS, HORST, DE
[72] KATUSIC, STIPAN, DE
[72] SEYOUM, GHIRMAY, DE
[71] ROHM GMBH & CO. KG, DE
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[30] DE (101 29 374.7) 2001-06-20

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[25] EN
[54] **SPRINKLER**
[54] **ASPERSEUR**
[72] SUNDHOLM, GOERAN, FI
[71] MARIOFF CORPORATION OY, FI
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[25] EN
[54] **REDUCTION OF FRIABILITY OF POLY (TRIMETHYLENE TEREPHTHALATE)**
[54] **REDUCTION DE LA FRIABILITE DE POLYTEREPHTALATE DE TRIMETHYLENE**
[72] BLACKBOURN, ROBERT LAWRENCE, US
[72] KIBLER, KATHLEEN SUZANNE, US
[72] DUH, BEN, US
[72] TSE, CECILIA ZUQI, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[30] US (60/295,273) 2001-06-01

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[13] A1

[51] **Int.Cl. 7C08J 5/12 7C11D 17/04 7C09J 129/04 7B65D 65/46**
[25] EN
[54] **SOLVENT WELDING PROCESS**
[54] **PROCEDE DE COLLAGE PAR SOLVANT**
[72] CATLIN, TANGUY MARIE LOUIS ALEXANDRE, BE
[72] HAIKAL, ATEF MOHAMMED BAHAY ELDIN, BE
[72] SOMMERVILLE ROBERTS, NIGEL PATRICK, GB
[72] DELAMARCHE, GWENAEL, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[87] 2003-01-30 (2003008513)
[30] GB (0117525.6) 2001-07-19

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[13] A1

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[25] EN
[54] **TRANSPONDER HAVING HIGH PHASE STABILITY, PARTICULARLY FOR SYNTHETIC APERTURE RADAR OR SAR SYSTEMS**
[54] **TRANSPONDEUR A STABILITE DE PHASE ELEVEE, EN PARTICULIER POUR SYSTEMES RADAR A SYNTHESE D'OUVERTURE (SAR)**
[72] RUSSO, PASQUALE, IT
[72] ROSA, ALESSANDRO, IT
[72] D'IPPOLITO, ANNAMARIA, IT
[71] TES TELEINFORMATICA E SISTEMI SRL., IT
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[21] **2,449,039**
[13] A1

[51] **Int.Cl. 7H02K 15/00**
[25] EN
[54] **METHOD OF MOUNTING SERVO MOTOR**
[54] **PROCEDE D'INSTALLATION D'UN SERVOMOTEUR**
[72] ERFURT, ROBERT D., US
[72] MOODY, EUGENE F., US
[72] NEWBY, KELLY M., US
[72] BABIN, CHRISTOPHER J., US
[72] MEIER, STEVEN K., US
[72] WOODS, TODD C., US
[71] EATON CORPORATION, US
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[87] 2002-12-12 (2002099953)
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[21] **2,449,044**
[13] A1

[51] **Int.Cl. 7B65D 75/58**
[25] EN
[54] **EASY OPENING, RE-CLOSEABLE BAG**
[54] **SACHET FACILE A OUVRIR ET REFERMABLE**
[72] GARCIA, GONZALO DIAZ INFANTE, VE
[72] CAMARGO-PARODI, GUSTAVO JOSE, VE
[72] TUCCI, MONICA MARIA DI COCCO, VE
[72] KUROKI, ICHIRO EDUARDO PEREZ, VE
[72] NALSEN, MIGUEL ALBERTO HERRERA, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[13] A1

[51] **Int.Cl. 7C11D 17/00 7C11D 11/00 7C11D 17/06 7C11D 3/20 7C11D 3/43**
[25] EN
[54] **PROCESSES FOR MAKING SUBSTANTIALLY ANHYDROUS STRUCTURED SURFACTANT PASTES AND DETERGENT COMPOSITIONS CONTAINING SAME**
[54] **PROCEDES DE FABRICATION D'APPRETS ANHYDRES STRUCTURES A BASE DE TENSIOACTIFS, DETERGENTS ET COMPOSITIONS LES CONTENANT**
[72] AOUD, YOUSEF GEORGES, US
[72] LIENHART, CHRISTOPHER JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[30] US (60/307,459) 2001-07-24

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[51] **Int.Cl. 7D03D 11/00 7F26B 13/08**
[25] EN
[54] **MULTILAYER THROUGH-AIR DRYER FABRIC**
[54] **TOILE MULTICOUCHE POUR SECHOIR A AIR TRAVERSANT**
[72] HARRISON, JAMES, CA
[72] JOHNSON, DALE B., CA
[71] ASTENJOHNSON, INC., US
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[87] 2003-01-23 (2003006732)
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[13] A1

[51] **Int.Cl. 7H01S 5/22**
[25] EN
[54] **SEMICONDUCTOR LASER ELEMENT**
[54] **ELEMENT LASER A SEMI-CONDUCTEURS**
[72] YONEDA, AKINORI, JP
[72] OCHIAI, MASANAO, JP
[72] SUGIMOTO, YASUNOBU, JP
[71] NICHIA CORPORATION, JP
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[87] 2002-12-19 (2002101894)
[30] JP (2001-165543) 2001-05-31
[30] JP (2001-269407) 2001-09-05
[30] JP (2001-361674) 2001-11-27
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[13] A1

[51] **Int.Cl. 7H04N 7/26**
[25] EN
[54] **METHODS AND APPARATUS FOR SUB-PIXEL MOTION ESTIMATION**
[54] **PROCEDES ET DISPOSITIF D'ESTIMATION DE MOUVEMENT DE SOUS-PIXEL**
[72] PANUSOPONE, KRIT, US
[72] BAYLON, DAVID M., US
[71] GENERAL INSTRUMENT CORPORATION, US
[85] 2003-11-28
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[87] 2003-02-13 (2003013143)
[30] US (09/917,185) 2001-07-27

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[13] A1

[51] **Int.Cl. 7G06T 1/00**
[25] EN
[54] **IMAGE CHARACTERISTIC IDENTIFICATION SIGNAL GENERATION APPARATUS AND IMAGE CHARACTERISTIC IDENTIFICATION SIGNAL GENERATION METHOD**
[54] **APPAREIL ET PROCEDE DE GENERATION DE SIGNAUX D'IDENTIFICATION CARACTERISTIQUES D'UNE IMAGE**
[72] KONDO, HIROSHI, JP
[71] GLOBAL SECURITY DESIGN, INC., JP
[71] KONDO, HIROSHI, JP
[85] 2003-11-28
[86] 2002-10-25 (JP2002011095)
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[30] JP (2001-367829) 2001-11-30

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[13] A1

[51] **Int.Cl. 7C09B 62/00**
[25] EN
[54] **REACTIVE DYE COMPOUNDS**
[54] **COMPOSES DE COLORANTS REACTIFS**
[72] LEWIS, DAVID MALCOLM, GB
[72] BROADBENT, PETER JEFFREY, GB
[72] HE, WEI DONG, GB
[71] THE PROCTER & GAMBLE COMPANY, US
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[13] A1

[51] **Int.Cl. 7C08K 3/22 7C08L 63/00 7C08L 25/04 7C08K 5/49**
[25] EN
[54] **FLAME RETARDANT MOLDING COMPOSITIONS**
[54] **COMPOSITIONS DE MOULAGE IGNIFUGES**
[72] GALLO, ANTHONY A., US
[71] HENKEL LOCTITE CORPORATION, US
[85] 2003-11-28
[86] 2002-08-07 (US2002024979)
[87] 2003-02-20 (2003014210)
[30] US (60/311,784) 2001-08-10
[30] US (10/097,153) 2002-03-13

[21] **2,449,053**
[13] A1

[51] **Int.Cl. 7A23L 1/29 7A61P 3/10 7A23L 1/304 7A23L 1/308**
[25] EN
[54] **DUAL VISCOSITY FIBER SYSTEM AND USES THEREOF**
[54] **SYSTEME DE FIBRES A VISCOSITE DOUBLE ET UTILISATIONS CORRESPONDANTES**
[72] GARLEB, KEITH A., US
[72] LAI, CHRON-SI, US
[72] BLIDNER, BRUCE B., US
[72] WOLF, BRYAN W., US
[72] SCHENZ, TIMOTHY W., US
[71] ABBOTT LABORATORIES, US
[85] 2003-11-27
[86] 2002-05-29 (US2002016875)
[87] 2002-12-05 (2002096223)
[30] US (60/294,817) 2001-05-31

[21] **2,449,055**
[13] A1

[51] **Int.Cl. 7A61B 17/12 7B29C 70/74**
[25] EN
[54] **METHOD OF MANUFACTURING EXPANSILE FILAMENTOUS EMBOLIZATION DEVICES**
[54] **PROCEDE DE FABRICATION DE DISPOSITIFS D'EMBOLISATION FILAMENTEUX EXTENSIBLES**
[72] GREENE, GEORGE R., JR., US
[72] CRUISE, GREGORY M., US
[72] CONSTANT, MICHAEL, US
[72] COX, BRIAN J., US
[72] TRAN, TERRANCE, US
[71] MICROVENTION, INC., US
[85] 2003-11-27
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[87] 2002-12-05 (2002096302)
[30] US (09/867,340) 2001-05-29
[30] US (10/157,621) 2002-05-29

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[13] A1

[51] **Int.Cl. 7C09K 3/18 7C09K 5/10 7C09K 21/14 7C09K 5/20**
[25] EN
[54] **ENVIRONMENTALLY COMPATIBLE DEFROSTING AND ANTIFREEZE AGENTS FOR AEROPLANES**
[54] **AGENT DE DEGIVRAGE ET AGENT ANTIGIVRAGE ECOLOGIQUES POUR AVIONS**
[72] STANKOWIAK, ACHIM, DE
[72] JESCHKE, INGO, DE
[72] FRAUENHUBER, SABINE, AT
[72] WLADAR, THOMAS (DECEASED), DE
[71] CLARIANT GMBH, DE
[85] 2003-11-28
[86] 2002-05-22 (EP2002005584)
[87] 2002-12-12 (2002099004)
[30] DE (101 27 004.6) 2001-06-01

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[13] A1
[51] **Int.Cl. 7A63F 7/02 7A63F 5/04**
[25] EN
[54] **DISPLAY DEVICE FOR GAME MACHINE AND GAME MACHINE**
[54] **DISPOSITIF D’AFFICHAGE POUR MACHINE DE JEU ET MACHINE DE JEU CORRESPONDANTE**
[72] MORIYAMA, YOSHIYUKI, JP
[72] HOSAKA, TOSHIYUKI, JP
[72] NAGATE, TORU, JP
[72] TSUKAGOSHI, SHINICHI, JP
[71] SEIKO EPSON CORPORATION, JP
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[87] 2003-08-07 (2003063984)
[30] JP (2002-024342) 2002-01-31
[30] JP (2002-298992) 2002-10-11
[30] JP (2002-311058) 2002-10-25

[21] **2,449,059**
[13] A1
[51] **Int.Cl. 7A23L 1/308 7A23L 1/29**
[25] EN
[54] **POLYMER CONTROLLED INDUCED VISCOSITY FIBER SYSTEM AND USES THEREOF**
[54] **SYSTEME DE FIBRES A VISCOSITE INDUITE REGULEE PAR POLYMERE ET SES UTILISATIONS**
[72] GARLEB, KEITH A., US
[72] BLIDNER, BRUCE B., US
[72] WOLF, BRYAN W., US
[72] SCHENZ, TIMOTHY W., US
[72] LAI, CHRON-SI, US
[71] ABBOTT LABORATORIES, US
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[87] 2002-12-05 (2002096353)
[30] US (60/294,817) 2001-05-31

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[13] A1
[51] **Int.Cl. 7C07C 303/26 7C07D 295/02 7H01M 6/16 7H01M 10/40 7C07C 309/65**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF COMPOUNDS CONTAINING PERFLUOROALKANESULFONIC ACID GROUPS**
[54] **PROCEDE DE PRODUCTION D’ESTERS D’ACIDE PERFLUOROALCANE SULFONIQUE**
[72] HEIDER, UDO, DE
[72] KUCHERYNA, ANDRIY, DE
[72] SARTORI, PETER, DE
[72] SCHMIDT, MICHAEL, DE
[72] IGNATYEV, NIKOLAI, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
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[86] 2002-05-04 (EP2002004917)
[87] 2002-12-12 (2002098844)
[30] DE (101 26 929.3) 2001-06-01
[30] DE (101 36 121.1) 2001-07-26

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[13] A1
[51] **Int.Cl. 7C10G 45/52**
[25] EN
[54] **PROCESS FOR THE HYDROGENATION OF AROMATICS**
[54] **HYDROGENATION D’AROMATIQUES**
[72] VANHAEREN, XAVIER GILLES GERARD LEPOLD, BE
[72] CERFONTAIN, MARINUS BRUCE, NL
[72] LEVIVELD, ROBERTUS GERARDUS, NL
[72] STAADEGAARD, RON, NL
[71] ATOFINA RESEARCH, BE
[71] AKZO NOBEL, N.V., NL
[85] 2003-11-28
[86] 2002-05-29 (EP2002005906)
[87] 2002-12-27 (2002102939)
[30] EP (01202051.7) 2001-06-01

[21] **2,449,062**
[13] A1
[51] **Int.Cl. 7A61N 7/00 7A61B 8/00**
[25] EN
[54] **FACETED ULTRASOUND MEDICAL TRANSDUCER ASSEMBLY**
[54] **ASSEMBLAGE DE TRANSDUCTEURS MEDICAUX ULTRASONORES A FACETTES**
[72] DUNKI-JACOBS, ROBERT, US
[72] MAKIN, INDER RAJ S., US
[71] ETHICON ENDO-SURGERY, INC., US
[85] 2003-11-27
[86] 2002-05-28 (US2002016417)
[87] 2002-12-05 (2002096501)
[30] US (60/294,135) 2001-05-29
[30] US (10/153,245) 2002-05-22

[21] **2,449,063**
[13] A1
[51] **Int.Cl. 7F02N 11/08 7F02D 45/00**
[25] EN
[54] **ENGINE START CONTROLLER, ENGINE START CONTROL METHOD, AND RECORDING MEDIUM HAVING PROGRAM RECORDED THEREIN FOR PERFORMING THE METHOD**
[54] **COMMANDE DE DEMARRAGE MOTEUR, PROCEDE DE COMMANDE DU DEMARRAGE MOTEUR, ET SUPPORT D’ENREGISTREMENT CONTENANT LE PROGRAMME D’EXECUTION DE CE PROCEDE**
[72] KITAGAWA, TAKUMI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2003-11-28
[86] 2003-02-20 (JP2003001893)
[87] 2003-10-09 (2003083289)
[30] JP (2002-100875) 2002-04-03

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[13] A1
[51] **Int.Cl. 7A61K 31/465 7A61K 47/10
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7A61K 47/36 7A61K 47/38 7A61K 47/46
7A61K 9/70**
[25] EN
[54] **NICOTINE-CONTAINING FILM
PREPARATION**
[54] **PREPARATION POUR FILM
CONTENANT DE LA NICOTINE**
[72] AWAMURA, TSUTOMU, JP
[72] SAWAI, YOSHIHIRO, JP
[71] KYUKYU PHARMACEUTICAL CO.,
LTD., JP
[85] 2003-11-28
[86] 2002-09-20 (JP2002009682)
[87] 2003-04-03 (2003026654)
[30] JP (2001-292616) 2001-09-25

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[13] A1
[51] **Int.Cl. 7G11B 27/034 7G11B 27/00
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7H04N 5/92**
[25] EN
[54] **DATA RECORDING DEVICE AND
METHOD, DATA REPRODUCTION
DEVICE AND METHOD,
INFORMATION RECORDING
MEDIUM, PROGRAM-CONTAINING
MEDIUM, AND PROGRAM**
[54] **DISPOSITIF ET PROCEDE
D'ENREGISTREMENT DE DONNEES,
DISPOSITIF ET PROCEDE DE
LECTURE DE DONNEES, SUPPORT
D'ENREGISTREMENT
D'INFORMATIONS, SUPPORT DE
PROGRAMME ET PROGRAMME**
[72] HAMADA, TOSHIYA, JP
[72] KATO, MOTOKI, JP
[71] SONY CORPORATION, JP
[85] 2003-11-28
[86] 2003-03-27 (JP2003003796)
[87] 2003-10-09 (2003083868)
[30] JP (2002-100349) 2002-04-02

[21] **2,449,068**
[13] A1
[51] **Int.Cl. 7A61B 8/14**
[25] EN
[54] **EXCISIONAL AND ULTRASOUND
MEDICAL TREATMENT SYSTEM**
[54] **SYSTEME DE TRAITEMENT
MEDICAL PAR EXCISION ET PAR
ULTRASONS**
[72] MAKIN, INDER RAJ S., US
[72] DUNKI-JACOBS, ROBERT J., US
[71] ETHICON ENDO-SURGERY, INC.,
US
[85] 2003-11-27
[86] 2002-05-28 (US2002016697)
[87] 2002-12-05 (2002096505)
[30] US (60/294,135) 2001-05-29
[30] US (10/153,510) 2002-05-22

[21] **2,449,069**
[13] A1
[51] **Int.Cl. 7A01G 9/02**
[25] EN
[54] **CONTAINER FOR
TRANSPORTATION AND/OR
MAINTENANCE OF PLANTS OF
MEDIUM AND LARGE SIZE**
[54] **CONTENANT POUR LE
TRANSPORT ET/OU L'ENTRETIEN DE
PLANTES DE TAILLE MOYENNE ET
DE GRANDE TAILLE**
[72] VENTURA RIBEIRO DE MATOS,
ANTONIO, PT
[71] VENTURA RIBEIRO DE MATOS,
ANTONIO, PT
[85] 2003-11-28
[86] 2002-06-03 (IB2002001975)
[87] 2002-12-05 (2002096187)
[30] PT (9726) 2001-06-01

[21] **2,449,072**
[13] A1
[51] **Int.Cl. 7C08K 9/00 7C08F 12/08
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[25] EN
[54] **HALOGENATED ISOBUTYLENE-
BASED COPOLYMERS HAVING
ENHANCED VISCOSITY AND
THERMOPLASTIC COMPOSITIONS
THEREOF**
[54] **COPOLYMERES A BASE
D'ISOBUTYLENE HALOGENE A
VISCOSITE RENFORCEE ET
COMPOSITION THERMOPLASTIQUE
CONSTITUEE DE CES COPOLYMERES**
[72] TSE, MUN FU, US
[72] LYON, MICHAEL K., US
[72] DUVDEVANI, ILAN, US
[72] MCELRATH, KENNETH O., US
[72] WANG, HSIEN-CHANG, US
[72] TSOU, ANDY H., US
[71] EXXONMOBIL CHEMICAL
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[85] 2003-11-27
[86] 2002-04-30 (US2002013440)
[87] 2002-12-19 (2002100938)
[30] US (60/296,714) 2001-06-07

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[13] A1
[51] **Int.Cl. 7G01K 7/04 7H01L 35/34**
[25] EN
[54] **MULTIPOINT THERMOCOUPLE**
[54] **THERMOCOUPLE MULTIPOINT**
[72] DAILY, JEFFREY N., US
[72] WELCH, LARRY D., US
[72] POTEET, ROBERT F., US
[72] RAHN, MICHAEL W., US
[71] DAILY INSTRUMENTS, US
[85] 2003-11-28
[86] 2002-04-05 (US2002010704)
[87] 2002-11-07 (2002088649)
[30] US (09/842,905) 2001-04-26

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[13] A1

[51] **Int.Cl. 7C08K 3/00**
[25] EN
[54] **LOW PERMEABILITY NANOCOMPOSITES**
[54] **NANOCOMPOSITES A FAIBLE PERMEABILITE**
[72] WENG, WEIQING, US
[72] CHUNG, DAVID Y., US
[72] DIAS, ANTHONY J., US
[72] TSOU, ANDY H., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2003-11-27
[86] 2002-05-29 (US2002016797)
[87] 2002-12-19 (2002100936)
[30] US (60/297,915) 2001-06-13

[21] **2,449,077**
[13] A1

[51] **Int.Cl. 7C07D 277/28 7A61K 31/425**
[25] EN
[54] **EPOTHILONE DERIVATIVES**
[54] **DERIVES D'EPOTHILONE**
[72] BORZILLERI, ROBERT M., US
[72] VITE, GREGORY D., US
[72] KIM, SOONG-HOON, US
[72] REGUEIRO-REN, ALICIA, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2003-11-28
[86] 2002-05-14 (US2002015397)
[87] 2002-12-12 (2002098868)
[30] US (60/295,499) 2001-06-01

[21] **2,449,079**
[13] A1

[51] **Int.Cl. 7B01D 46/00**
[25] EN
[54] **FILTER ELEMENT HAVING SEALING MEMBERS AND METHODS**
[54] **ENSEMBLE FILTRE COMPORTANT DES ELEMENTS D'ETANCHEITE ET PROCEDES ASSOCIES**
[72] KUHN, JOHN DAVID, US
[72] XU, JIAN, US
[72] KREITINGER, EDWARD J., US
[72] BISHOP, WAYNE R. W., US
[72] GIESEKE, STEVEN SCOTT, US
[71] DONALDSON COMPANY, INC., US
[85] 2003-11-28
[86] 2002-05-30 (US2002017292)
[87] 2002-12-12 (2002098539)
[30] US (09/875,844) 2001-06-06

[21] **2,449,081**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR TRADE SETTLEMENT TRACKING AND RELATIVE RANKING**
[54] **SYSTEME ET PROCEDE DE SUIVI DU REGLEMENT D'UNE TRANSACTION ET DE CLASSEMENT CORRESPONDANT**
[72] PHINNEY, JOHN, US
[72] CAMPFIELD, THOMAS, US
[72] MASTER, WARREN, US
[72] ROSEDALE, MATTHEW P., US
[71] JP MORGAN CHASE BANK, US
[85] 2003-11-27
[86] 2002-05-31 (US2002016988)
[87] 2002-12-12 (2002099566)
[30] US (60/295,397) 2001-06-01

[21] **2,449,082**
[13] A1

[51] **Int.Cl. 7C08J 5/12 7C11D 17/00 7C08L 29/04 7B65D 65/46**
[25] EN
[54] **SOLVENT WELDING PROCESS**
[54] **PROCEDE DE SOUDAGE PAR SOLVANT**
[72] SOMMERVILLE ROBERTS, NIGEL PATRICK, GB
[72] HAIKAL, ATEF MOHAMMED BAHAY ELDIN, BE
[72] DELAMARCHE, GWENAEL, BE
[72] CATLIN, TANGUY MARIE LOUIS ALEXANDRE, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-11-28
[86] 2002-07-19 (US2002023144)
[87] 2003-01-30 (2003008486)
[30] GB (0117522.3) 2001-07-19

[21] **2,449,083**
[13] A1

[51] **Int.Cl. 7E21B 43/02 7E21B 43/26**
[25] EN
[54] **THERMAL EXTENDERS FOR WELL FLUID APPLICATIONS**
[54] **MATIERES DE CHARGE THERMIQUES POUR APPLICATIONS A DES FLUIDES DE FORAGE**
[72] KIPPIE, DAVID P., US
[72] HORTON, ROBERT L., US
[72] FOXENBERG, WILLIAM E., US
[71] M-I L.L.C., US
[85] 2003-11-27
[86] 2002-05-31 (US2002017123)
[87] 2002-12-12 (2002099248)
[30] US (60/295,381) 2001-06-01
[30] US (09/901,498) 2001-07-09

[21] **2,449,084**
[13] A1

[51] **Int.Cl. 7A47G 25/90**
[25] EN
[54] **AN APPARATUS FOR PUTTING ON A STOCKING**
[54] **DISPOSITIF POUR TENDRE UNE CHAUSSETTE**
[72] KNETH, HELMUT, AT
[71] KNETH, HELMUT, AT
[85] 2003-11-28
[86] 2002-05-29 (AT2002000163)
[87] 2002-12-05 (2002096249)
[30] AT (GM 447/2001) 2001-06-01

[21] **2,449,086**
[13] A1

[51] **Int.Cl. 7C10B 55/00**
[25] EN
[54] **PROCESS FOR PRODUCING MORE UNIFORM AND HIGHER QUALITY COKE**
[54] **PROCEDE DE PREPARATION D'UN COKE PLUS UNIFORME ET DE QUALITE SUPERIEURE**
[72] MCCONKEY, IVAN G., GB
[72] NEWMAN, BRUCE A., US
[72] GODDARD, BRUCE R., US
[72] ROTH, JAMES R., US
[71] CONOCOPHILIPS COMPANY, US
[85] 2003-11-28
[86] 2002-08-22 (US2002026731)
[87] 2003-03-06 (2003018715)
[30] US (60/314,652) 2001-08-24

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[21] **2,449,087**
[13] A1

[51] **Int.Cl. 7H05H 13/00 7A61B 5/055**
[25] EN
[54] **ANTIPROTONS FOR IMAGING AND TERMINATION OF UNDESIRABLE CELLS**
[54] **PRODUCTION ET DISTRIBUTION D'ANTIPROTONS POUR LA DETECTION ET L'ELIMINATION DE CELLULES INDESIRABLES**
[72] MAGGIORE, CARL, US
[72] KUBAT-MARTIN, KIMBERLY, US
[72] WELCH, LARRY, US
[72] GRUHN, CHARLES, FR
[72] GIORGIO, ANTHONY, US
[71] TOLEMAC, LLC, US
[85] 2003-11-27
[86] 2002-08-29 (US2002027796)
[87] 2003-03-13 (2003020196)
[30] US (60/316,711) 2001-08-30
[30] US (60/370,605) 2002-04-05
[30] US (60/382,042) 2002-05-20
[30] US (60/388,428) 2002-05-29

[21] **2,449,088**
[13] A1

[51] **Int.Cl. 7C08G 64/40**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF CRYSTALLINE POLYCARBONATE OLIGOMERS**
[54] **PROCEDE DE PREPARATION D'OLIGOMERES DE POLYCARBONATES CRISTALLINS**
[72] GOCHANOUR, CRAIG ROBERT, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2003-11-26
[86] 2002-07-25 (US2002023588)
[87] 2003-02-06 (2003010221)
[30] US (09/912,482) 2001-07-25

[21] **2,449,089**
[13] A1

[51] **Int.Cl. 7G05D 16/02**
[25] EN
[54] **FLUID PRESSURE REGULATOR WITH STABILIZER**
[54] **REGULATEUR DE PRESSION HYDRAULIQUE MUNI D'UN STABILISATEUR**
[72] OLDS, CHARLES M., US
[71] S.H. LEGGITT COMPANY, US
[85] 2003-11-28
[86] 2003-02-27 (US2003005866)
[87] 2003-09-04 (2003073189)
[30] US (60/359,841) 2002-02-27

[21] **2,449,090**
[13] A1

[51] **Int.Cl. 7H01R 13/514**
[25] EN
[54] **CORDLESS BASE**
[54] **BASE SANS FIL**
[72] KHOURY, EDWARD, AU
[71] KHOURY, EDWARD, AU
[85] 2003-11-28
[86] 2001-07-10 (AU2001000827)
[87] 2002-12-05 (2002097927)
[30] AU (PR 5384) 2001-06-01

[21] **2,449,092**
[13] A1

[51] **Int.Cl. 7B65D 85/804**
[25] EN
[54] **METHOD FOR OPENING SEALED CONTAINERS FOR FOODSTUFF PRODUCTS**
[54] **PROCEDE D'OUVERTURE DE RECIPIENTS A FERMETURE HERMETIQUE POUR PRODUITS ALIMENTAIRES**
[72] MAJER DOGLIONI, LUCA, IT
[71] TUTTOESPRESSO S.P.A., IT
[85] 2003-10-03
[86] 2002-03-29 (IB2002001019)
[87] 2002-10-17 (2002081337)
[30] IT (MI2001A000741) 2001-04-06

[21] **2,449,094**
[13] A1

[51] **Int.Cl. 7A47C 27/08 7A47C 17/86**
[25] EN
[54] **INTERACTIVE AIR BED**
[54] **MATELAS PNEUMATIQUE INTERACTIF**
[72] OSTMAN, ROBERT, US
[72] BILS, PETER S., US
[72] MAHONEY, PAUL J., US
[72] LANZ, TROY C., SR., US
[71] SELECT COMFORT CORPORATION, US
[85] 2003-12-01
[86] 2002-06-07 (US2002018001)
[87] 2002-12-12 (2002098259)
[30] US (60/296,668) 2001-06-07

[21] **2,449,095**
[13] A1

[51] **Int.Cl. 7C07D 487/04 7A61K 31/53**
[25] EN
[54] **IMIDAZOTRIAZINONES DERIVATIVES AND THEIR USE AGAINST INFLAMMATORY PROCESSES AND/OR IMMUNE DISEASES**
[54] **DERIVES IMIDAZOTRIAZINONES ET LEUR UTILISATION POUR LUTTER CONTRE DES PROCESSUS INFLAMMATOIRES ET/OU DES MALADIES IMMUNITAIRES**
[72] CUTHBERT, NIGEL J., GB
[72] BURKHARDT, NILS, DE
[72] STURTON, GRAHAM, GB
[72] FITZGERALD, MARY, GB
[72] GIELEN, HEIKE, DE
[72] NIEWOEHNER, ULRICH (DECEASED), DE
[72] HENDRIX, MARTIN, DE
[72] SCHAUSS, DAGMAR, DE
[72] ALONSO-ALIJA, CRISTINA, DE
[72] BISCHOFF, HILMAR, DE
[72] GEISS, VOLKER, DE
[72] SCHLEMMER, KARL-HEINZ, DE
[71] BAYER HEALTHCARE AG, DE
[85] 2003-11-28
[86] 2002-05-17 (EP2002005436)
[87] 2002-12-12 (2002098879)
[30] GB (0113344.6) 2001-06-01

[21] **2,449,097**
[13] A1

[51] **Int.Cl. 7C07D 487/04 7A61P 29/00**
[25] EN
[54] **5-ETHYL-IMIDAZOTRIAZINONES**
[54] **5-ETHYL-IMIDAZOTRIAZINONES**
[72] ALONSO-ALIJA, CRISTINA, DE
[72] GEISS, VOLKER, DE
[72] SCHAUSS, DAGMAR, DE
[72] FITZGERALD, MARY, GB
[72] SCHLEMMER, KARL-HEINZ, DE
[72] NIEWOEHNER, ULRICH (DECEASED), DE
[72] HENDRIX, MARTIN, DE
[72] CUTHBERT, NIGEL J., GB
[72] GIELEN, HEIKE, DE
[72] BISCHOFF, HILMAR, DE
[72] BURKHARDT, NILS, DE
[72] STURTON, RICHARD GRAHAM, GB
[72] MICHELS, MARTIN, DE
[71] BAYER HEALTHCARE AG, DE
[85] 2003-11-28
[86] 2002-05-21 (EP2002005539)
[87] 2002-12-12 (2002098880)
[30] GB (0113342.0) 2001-06-01

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[13] A1
[51] **Int.Cl. 7A61K 9/22 7A61K 9/24
7A61K 9/26 7A61K 9/32 7A61K 9/36
7A61K 9/52 7A61K 9/58 7A61K 9/62**
[25] EN
[54] **PHARMACEUTICAL
COMPOSITIONS FOR THE
COORDINATED DELIVERY OF
NSAIDS**
[54] **COMPOSITIONS
PHARMACEUTIQUES DESTINEES A
LA LIBERATION COORDONNEE
D'AINS**
[72] PLACHETKA, JOHN R., US
[71] POZEN INC., US
[85] 2003-12-01
[86] 2002-05-31 (US2002017105)
[87] 2002-12-12 (2002098352)
[30] US (60/294,588) 2001-06-01

[21] **2,449,102**
[13] A1
[51] **Int.Cl. 7B27L 7/00**
[25] EN
[54] **A KIT TO FORM A WOOD
SPLITTING APPARATUS**
[54] **KIT POUR FORMER UN
APPAREIL A FENDRE LE BOIS**
[72] FITZGERALD, LAWRENCE OWEN,
CA
[71] FITZGERALD, LAWRENCE OWEN,
CA
[85] 2003-11-28
[86] 2002-05-17 (CA2002000719)
[87] 2003-11-27 (2003097311)

[21] **2,449,103**
[13] A1
[51] **Int.Cl. 7A61K 31/19**
[25] EN
[54] **TOPICAL COMPOSITIONS FOR
VETERINARY USES**
[54] **COMPOSITIONS TOPIQUES POUR
UTILISATIONS EN MEDECINE
VETERINAIRE**
[72] ROSEN, STEVEN E., US
[71] TENDSKIN COMPANY, US
[85] 2003-12-01
[86] 2002-06-03 (US2002017482)
[87] 2002-12-12 (2002098404)
[30] US (60/295,093) 2001-06-01
[30] US (60/298,128) 2001-06-13

[21] **2,449,104**
[13] A1
[51] **Int.Cl. 7C08K 5/00 7C08G 69/04
7C08G 69/16 7C08K 5/3435 7C08G 69/48**
[25] EN
[54] **METHOD OF MAKING A
POLYMER FROM A POLYMER
PRECURSOR COMPOSITION**
[54] **PROCEDE DE FABRICATION
D'UN POLYMER A PARTIR D'UNE
COMPOSITION DE PRECURSEURS
POLYMERES**
[72] ILG, OTTO M., US
[72] HU, HARRY Y., US
[71] BASF CORPORATION, US
[85] 2003-11-28
[86] 2002-04-25 (EP2002004596)
[87] 2002-12-12 (2002098965)
[30] US (60/296,381) 2001-06-06

[21] **2,449,107**
[13] A1
[51] **Int.Cl. 7B21J 1/04 7B21J 5/00 7B21J
13/02**
[25] EN
[54] **METHOD FOR PRODUCING
FORGINGS MAINLY MADE OF
METALS AND ALLOYS OF TITANIUM
GROUP AND A FORGING SYSTEM
FOR CARRYING OUT SAID METHOD**
[54] **PROCEDE DE FABRICATION DE
PIECES FORGES PRINCIPALEMENT
A PARTIR DE METAUX ET
D'ALLIAGES DU SOUS-GROUPE DE
TITANE ET SYSTEME DE FORGEAGE
PREVU A CET EFFET**
[72] TERNOVOY, YURIY FEDOROVICH,
UA
[72] BOCHAROV, OLEG VIKTOROVICH,
RU
[72] SHIKOV, ALEKSANDR
KONSTANTINOVICH, RU
[72] CHEREMNYCH, GENNADIY
SERGEEVICH, RU
[72] PROHOROV, VALERIY
VASILJEVICH, RU
[72] ROZHDESTVENSKIY, VLADIMIR
VLADIMIROVICH, RU
[72] KONOVALOV, VITALIY
FEDOROVICH, RU
[72] NOZDRIN, IGOR VIKTOROVICH, RU
[72] AHTONOV, SERGEY
GENNADJEVICH, RU
[72] PHILIPPOV, VLADIMIR
BORISOVICH, RU
[72] ARTAMONOV, YURIE
VIKTOROVICH, UA
[72] LOSITSKIY, ANATOLIY
FRANTSEVICH, RU
[72] LAZORKIN, VIKTOR ANDREEVICH,
UA
[72] KOTREKHOV, VLADIMIR
ANDREEVICH, RU
[71] JOINT STOCK COMPANY
"CHEPETSKIY MECHANICAL PLANT",
RU
[85] 2003-12-01
[86] 2002-08-15 (RU2002000389)
[87] 2003-10-16 (2003084696)
[30] RU (2002108590) 2002-04-04

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[13] A1

[51] **Int.Cl. 7C08G 18/42 7C09D 175/06 7C08G 18/72 7C08G 18/79**
[25] EN
[54] **COATING COMPOSITION COMPRISING A POLYISOCYANATE AND A POLYESTER OLIGOMER PREPARED FROM A POLYOL, A POLY-CARBOXYLIC ACID, AND A MONOCARBOXYLIC ACID**
[54] **COMPOSITION DE REVETEMENT CONTENANT UN POLYISOCYANATE ET UN OLIGOMERE POLYESTER PREPARES A PARTIR D'UN POLYOL, D'UN ACIDE POLYCARBOXYLIQUE ET D'UN ACIDE MONOCARBOXYLIQUE**
[72] VANDEVOORDE, PAUL MARIE, BE
[71] AKZO NOBEL, N.V., NL
[85] 2003-11-28
[86] 2002-05-06 (EP2002004967)
[87] 2002-12-12 (2002098942)
[30] EP (01202083.0) 2001-06-01
[30] US (60/303,902) 2001-07-09

[21] **2,449,109**
[13] A1

[51] **Int.Cl. 7C07D 409/04 7A61P 11/00 7A61P 29/00 7A61P 37/00 7C07D 401/04 7C07D 403/04 7C07D 407/04 7C07D 417/04 7C07D 487/04 7A61P 11/06 7A61K 31/53**
[25] EN
[54] **2-HETEROARYL-IMIDAZOTRIAZINONES AND THEIR USE IN THE TREATMENT OF INFLAMMATORY OR IMMUNE DISEASES**
[54] **2-HETEROARYL-IMIDAZOTRIAZINONES ET UTILISATION DANS LE TRAITEMENT DE MALADIES INFLAMMATOIRES OU IMMUNITAIRES**
[72] GIELEN, HEIKE, DE
[72] ALONSO-ALIJA, CRISTINA, DE
[72] HENDRIX, MARTIN, DE
[72] SCHAUSS, DAGMAR, DE
[72] NIEWOEHNER, ULRICH (DECEASED), DE
[72] BISCHOFF, HILMAR, DE
[72] BURKHARDT, NILS, DE
[72] GEISS, VOLKER, DE
[72] SCHLEMMER, KARL-HEINZ, DE
[72] FITZGERALD, MARY F., GB
[72] CUTHBERT, NIGEL, GB
[72] STURTON, GRAHAM, GB
[71] BAYER HEALTHCARE AG, DE
[85] 2003-11-28
[86] 2002-05-21 (EP2002005540)
[87] 2002-12-12 (2002098873)
[30] GB (0113343.8) 2001-06-01

[21] **2,449,110**
[13] A1

[51] **Int.Cl. 7B32B 21/00 7E06B 3/82**
[25] EN
[54] **THE USE OF FOAMED ADHESIVE IN THE MANUFACTURE OF DOORS**
[54] **UTILISATION D'ADHESIFS EXPANSES POUR LA FABRICATION DE PORTES**
[72] SKRZYNIARZ, RONALD J., US
[72] LIDZINSKI, DAVID W., US
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US
[85] 2003-12-01
[86] 2003-03-31 (US2003009854)
[87] 2003-10-16 (2003084745)
[30] US (10/114,649) 2002-04-02

[21] **2,449,111**
[13] A1

[51] **Int.Cl. 7A61B 6/00**
[25] EN
[54] **APPARATUS AND METHOD FOR THE OPTICAL IMAGING OF TISSUE SAMPLES**
[54] **APPAREIL ET PROCEDE D'IMAGERIE OPTIQUE D'ECHANTILLONS DE TISSU**
[72] ZULUAGA, ANDRES, US
[72] TEARNEY, GUILLERMO J., US
[72] FURNISH, SIMON, US
[72] RYAN, S. ERIC, US
[72] BOUMA, BRETT E., US
[72] TANG, JING, US
[72] GRIFFIN, MARK A., US
[71] INFRAREDX, INC., US
[85] 2003-12-01
[86] 2002-05-30 (US2002017202)
[87] 2002-12-05 (2002096484)
[30] US (09/871,578) 2001-05-31

[21] **2,449,112**
[13] A1

[51] **Int.Cl. 7B29C 63/00 7E06B 5/16 7E06B 3/58**
[25] EN
[54] **IMPROVEMENTS IN PRODUCTION OF GLAZED PANELS**
[54] **AMELIORATIONS RELATIVES A LA FABRICATION DE PANNEAUX A VITRAGE**
[72] ALBERTELLI, ALDINO, GB
[71] ACELL HOLDINGS LIMITED, GB
[85] 2003-12-01
[86] 2002-05-29 (GB2002002508)
[87] 2002-12-05 (2002096623)
[30] GB (0113063.2) 2001-05-30

[21] **2,449,113**
[13] A1

[51] **Int.Cl. 7C09B 67/22 7D06P 1/38**
[25] EN
[54] **BLACK DYE MIXTURES OF FIBER-REACTIVE AZO DYES AND USE THEREOF FOR DYEING MATERIAL CONTAINING HYDROXY-AND/OR CARBOXAMIDO GROUPS**
[54] **MELANGES DE COLORANTS NOIRS DE COLORANTS AZOIQUES A REACTIVITE DE FIBRE ET LEUR UTILISATION DANS LA COLORATION DES MATERIAUX CONTENANT DES GROUPES HYDROXY- ET/OU CARBOXAMIDO**
[72] EICHHORN, JOACHIM, DE
[72] PEDEMONTE, RONALD, US
[71] DYSTAR TEXTILFARBEN GMBH & CO. DEUTSCHLAND KG, DE
[85] 2003-11-28
[86] 2002-05-28 (EP2002005822)
[87] 2002-12-12 (2002098988)
[30] US (60/295,193) 2001-06-01

[21] **2,449,114**
[13] A1

[51] **Int.Cl. 7A61F 5/14 7A43B 13/38**
[25] EN
[54] **ORTHOPAEDIC APPLIANCE FOR IMPROVED GAIT**
[54] **APPAREIL ORTHOPEDIQUE POUVANT AMELIORER LA DEMARCHE**
[72] BENGTTSSON, KENNETH, SE
[72] SOEDERBERG, BENGT, SE
[71] GLOBAL ORTHOPAEDIC LABORATORY AB, SE
[71] CAMP SCANDINAVIA AB, SE
[85] 2003-12-01
[86] 2002-06-27 (SE2002001276)
[87] 2003-01-09 (2003002042)
[30] SE (0102278-9) 2001-06-27

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[21] **2,449,117**
[13] A1

[51] **Int.Cl. 7H04N 7/26 7G06T 9/00 7G06T 17/20**
[25] EN
[54] **METHODS AND DEVICES FOR ENCODING AND DECODING IMAGES USING NESTED MESHES, PROGRAMME, SIGNAL AND CORRESPONDING USES**
[54] **PROCEDES ET DISPOSITIFS DE CODAGE ET DE DECODAGE D'IMAGES METTANT EN OEUVRE DES MAILLAGES EMBOITES, PROGRAMME, SIGNAL ET APPLICATIONS CORRESPONDANTES**
[72] LAURENT-CHATENET, NATHALIE, FR
[72] DEMARET, LAURENT, FR
[71] FRANCE TELECOM, FR
[85] 2003-11-28
[86] 2002-06-06 (FR2002001937)
[87] 2002-12-12 (2002100111)
[30] FR (01/07406) 2001-06-06

[21] **2,449,122**
[13] A1

[51] **Int.Cl. 7G11B 7/24**
[25] EN
[54] **REWITABLE OPTICAL DATA STORAGE MEDIUM AND USE OF SUCH A MEDIUM**
[54] **SUPPORT D'ENREGISTREMENT OPTIQUE REENREGISTRABLE ET SES UTILISATIONS**
[72] ZHOU, GUO-FU, NL
[72] RIJPERS, JOHANNES C. N., NL
[72] BORG, HERMANUS J., NL
[72] MEINDERS, ERWIN R., NL
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[85] 2003-11-28
[86] 2002-05-27 (IB2002001922)
[87] 2002-12-12 (2002099797)
[30] EP (01202108.5) 2001-06-01

[21] **2,449,123**
[13] A1

[51] **Int.Cl. 7B63H 11/00 7B63H 23/24**
[25] FR
[54] **PROPULSEUR DE NAVIRE EN NACELLE PAR HYDROJET ET ENTRAINE PAR UN MOTEUR ELECTRIQUE CREUX**
[54] **SHIP POD-MOUNTED HYDROJET PROPELLER UNIT DRIVEN BY A HOLLOW ELECTRIC MOTOR**
[72] CHAIX, JEAN-EDMOND, FR
[71] SOCIETE TECHNIQUE POUR L'ENERGIE ATOMIQUE TECHNICATOME, FR
[85] 2003-12-01
[86] 2002-06-04 (FR2002001875)
[87] 2002-12-12 (2002098731)
[30] FR (01/07371) 2001-06-06

[21] **2,449,124**
[13] A1

[51] **Int.Cl. 7H04N 7/24**
[25] EN
[54] **SPLICING OF DIGITAL VIDEO TRANSPORT STREAMS**
[54] **EPISSURE DE FLUX DE TRANSPORT DE DONNEES VIDEO NUMERIQUES**
[72] WU, SIU-WAI, US
[72] NEMIROFF, ROBERT S., US
[72] LIU, VINCENT, US
[71] GENERAL INSTRUMENT CORPORATION, US
[85] 2003-11-28
[86] 2002-05-14 (US2002015499)
[87] 2002-12-12 (2002100110)
[30] US (09/872,783) 2001-06-01

[21] **2,449,128**
[13] A1

[51] **Int.Cl. 7F16C 33/14 7F16C 33/20**
[25] FR
[54] **PALIER LISSE MUNI D'UN REVETEMENT DE FROTTEMENT ET PROCEDE DE REALISATION**
[54] **PLAIN BEARING PROVIDED WITH A FRICTION COATING AND METHOD FOR MAKING SAME**
[72] FEDORCHENKO, DIMITRY, RU
[72] BUTAROV, ALEXANDER, RU
[72] BECQUERELLE, SAMUEL RAYMOND GERMAIN, FR
[72] PEIRON, BENJAMIN ARTHUR MARIE, FR
[72] VILLE, DANIEL VICTOR MARCEL, FR
[72] FOMIN, MICHAEL, RU
[71] HISPANO-SUIZA, FR
[71] JSC N.D. KUSNETSOV STC, RU
[85] 2003-12-01
[86] 2002-06-06 (FR2002001927)
[87] 2002-12-12 (2002099297)
[30] FR (01/07414) 2001-06-07

[21] **2,449,129**
[13] A1

[51] **Int.Cl. 7B01D 3/06 7B01D 5/00 7C12G 1/02 7B01D 1/30**
[25] FR
[54] **INSTALLATION DE REFROIDISSEMENT PAR VAPORISATION PARTIELLE A BASSE PRESSION D'UN JUS CHAUFFE**
[54] **SYSTEM FOR COOLING A HEATED JUICE BY PARTIAL LOW-PRESSURE EVAPORATION**
[72] CALLEDE, DAVID, FR
[72] NADEAU, JEAN-PIERRE, FR
[72] SEBASTIAN, PATRICK, FR
[72] CADIOT, DOMINIQUE, FR
[71] LES VIGNOBLES ANDRE LURTON, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE-CNRS, FR
[85] 2003-12-01
[86] 2002-05-29 (FR2002001810)
[87] 2002-12-05 (2002096530)
[30] FR (01/07177) 2001-05-31

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[21] **2,449,137**
[13] A1

[51] **Int.Cl. 7A61B 17/12**
[25] EN
[54] **DETACHABLE TIP MICROCATHETER FOR USE OF LIQUID EMBOLIC AGENTS**
[54] **MICROCATHETER A BOUT DETACHABLE, DESTINE A ETRE UTILISE AVEC DES AGENTS EMBOLIQUES LIQUIDES**
[72] RAYMOND, JEAN, CA
[71] RAYMOND, JEAN, CA
[85] 2003-11-28
[86] 2002-06-03 (CA2002000815)
[87] 2002-12-05 (2002096301)
[30] US (60/294,612) 2001-06-01

[21] **2,449,138**
[13] A1

[51] **Int.Cl. 7G01D 9/00 7G06F 1/00**
[25] EN
[54] **PAPERLESS RECORDER FOR TAMPER-PROOF RECORDING OF PRODUCT PROCESS INFORMATION**
[54] **ENREGISTREMENT SANS PAPIER PERMETTANT D'ENREGISTRER DE FACON PROTEGEE DES INFORMATIONS DE PROCESSUS DE PRODUIT**
[72] SCHMIDT, DIETER, DE
[72] BEASLEY, MARC, US
[72] MABS, SCOTT, US
[71] ENDRESS + HAUSER WETZER GMBH + CO. KG, DE
[85] 2003-11-28
[86] 2002-05-29 (EP2002005912)
[87] 2002-12-05 (2002097551)
[30] US (60/294,508) 2001-05-30

[21] **2,449,139**
[13] A1

[51] **Int.Cl. 7A23L 1/29 7A23L 1/304 7A23L 1/308**
[25] EN
[54] **ACID CONTROLLED VISCOSITY FIBER SYSTEM AND USES THEREOF**
[54] **SYSTEME DE FIBRES A VISCOSITE INDUITE A REGULATION PAR ACIDE ET UTILISATIONS DE CE SYSTEME**
[72] BLIDNER, BRUCE B., US
[72] WOLF, BRYAN W., US
[72] GARLEB, KEITH A., US
[72] LAI, CHRON-SI, US
[71] ABBOTT LABORATORIES, US
[85] 2003-11-27
[86] 2002-05-23 (US2002016412)
[87] 2002-12-05 (2002096219)
[30] US (60/294,817) 2001-05-31

[21] **2,449,146**
[13] A1

[51] **Int.Cl. 7A23L 1/212 7A23K 1/16 7A23K 1/175 7A23K 1/18 7A23L 1/22 7A23L 1/221 7A23L 1/302 7A23L 1/305 7A61K 7/48**
[25] EN
[54] **SKIN DIET**
[54] **REGIME POUR LA PEAU**
[72] MARKWELL, PETER JOHN, GB
[72] FRAY, TIMOTHY RICHARD, GB
[71] MARS UK LIMITED, GB
[85] 2003-11-28
[86] 2002-05-31 (GB2002002538)
[87] 2002-12-05 (2002096221)
[30] GB (0113348.7) 2001-06-01

[21] **2,449,150**
[13] A1

[51] **Int.Cl. 7C07D 233/54 7G01N 33/00 7A61P 43/00 7C07D 409/10 7A61K 31/4174**
[25] EN
[54] **TRICYCLIC COMPOUNDS USEFUL AS ANGIOTENSIN II AGONISTS**
[54] **COMPOSES TRICYCLIQUES UTILES COMME AGONISTES DE L'ANGIOTENSINE II**
[72] ALTERMAN, MATHIAS, SE
[72] HALLBERG, ANDERS, SE
[71] VICORE PHARMA AB, SE
[85] 2003-11-28
[86] 2002-05-30 (GB2002002563)
[87] 2002-12-05 (2002096883)
[30] GB (0113129.1) 2001-05-31
[30] GB (0121611.8) 2001-09-07
[30] US (60/350,959) 2002-01-25
[30] GB (0201794.5) 2002-01-26

[21] **2,449,156**
[13] A1

[51] **Int.Cl. 7A61B 18/24**
[25] EN
[54] **MEDICAL LASER DEVICE**
[54] **DISPOSITIF DE LASER MEDICAL**
[72] CALDERA, TIZIANO, GB
[72] MIN, ROBERT, US
[72] KLEIN, PETER, US
[71] DIOMED INC., US
[85] 2003-11-28
[86] 2002-06-17 (GB2002002707)
[87] 2002-12-27 (2002102266)
[30] GB (0114687.7) 2001-06-15
[30] US (60/369,256) 2002-03-27

[21] **2,449,158**
[13] A1

[51] **Int.Cl. 7F04C 27/02**
[25] EN
[54] **LIQUID SEAL PUMP OF THE HELICAL SCREW TYPE**
[54] **POMPE A ETANCHEITE LIQUIDE DU TYPE A VIS HELICOIDALE**
[72] HOFSETH, OLAV, NO
[71] JETS AS, NO
[85] 2003-11-28
[86] 2002-05-29 (NO2002000188)
[87] 2002-12-05 (2002097275)
[30] NO (20012641) 2001-05-29

[21] **2,449,160**
[13] A1

[51] **Int.Cl. 7C07D 413/12 7A61K 31/422**
[25] EN
[54] **SUBSTITUTED AZOLE ACID DERIVATIVES USEFUL AS ANTIDIABETIC AND ANTI-OBESITY AGENTS AND METHOD**
[54] **DERIVES ACIDES D'AZOLE SUBSTITUE UTILES COMME AGENTS ANTIDIABETIQUES ET AGENTS CONTRE L'OBESITE ET PROCEDE APPARENTE**
[72] CHENG, PETER T., US
[72] HARIHARAN, NARAYANAN, US
[72] ZHANG, HAO, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2003-11-28
[86] 2002-05-23 (US2002016633)
[87] 2002-12-05 (2002096358)
[30] US (60/294,380) 2001-05-30

[21] **2,449,161**
[13] A1

[51] **Int.Cl. 7B32B 27/32 7C08K 5/00 7C08L 33/00 7G09F 3/04 7C09J 123/08 7C08L 23/08 7B29C 55/12 7B32B 5/18 7B29C 49/24**
[25] EN
[54] **FILM HAVING AN IMPROVED SEALABILITY AND ADHERENCE**
[54] **FILM AYANT UNE APTITUDE AU SCCELLEMENT ET UNE ADHERENCE AMELIOREES**
[72] HOLZER, SUSANNE, DE
[72] WIENERS, GERHARD, DE
[71] TRESPAPHAN GMBH, DE
[85] 2003-12-01
[86] 2002-05-31 (EP2002005946)
[87] 2002-12-12 (2002098658)
[30] DE (101 27 038.0) 2001-06-02

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[21] **2,449,164**
[13] A1

[51] **Int.Cl. 7B01D 25/24 7B01D 46/52**
[25] EN
[54] **FILTER ELEMENT HAVING CENTER PIECE AND METHODS**
[54] **ELEMENT FILTRANT POUR VU D'UNE PIECE CENTRALE ET PROCEDES ASSOCIES**
[72] BISHOP, WAYNE R. W., US
[72] XU, JIAN, US
[72] GIESEKE, STEVEN SCOTT, US
[72] JULIAR, WILLIAM M., US
[71] DONALD COMPANY, INC., US
[85] 2003-12-01
[86] 2002-05-30 (US2002017060)
[87] 2002-12-12 (2002098534)
[30] US (60/296,269) 2001-06-06
[30] US (10/157,257) 2002-05-28

[21] **2,449,170**
[13] A1

[51] **Int.Cl. 7A61N 1/20 7A61N 1/32**
[25] EN
[54] **DEVICE FOR THE TREATMENT OF TUMOURS**
[54] **DISPOSITIF POUR TRAITER DES TUMEURS**
[72] SCHONFELD, ANDREAS, DE
[71] SCHONFELD, ANDREAS, DE
[85] 2003-11-28
[86] 2002-03-30 (DE2002001178)
[87] 2002-12-05 (2002096511)
[30] DE (201 09 099.6) 2001-05-30

[21] **2,449,171**
[13] A1

[51] **Int.Cl. 7G11B 7/24 7H04L 9/00 7B42D 15/10**
[25] EN
[54] **MARKING AND AUTHENTICATING ARTICLES**
[54] **MARQUAGE ET AUTHENTIFICATION D'ARTICLES**
[72] CONROY, JEFFREY L., US
[72] LAWANDY, NABIL M., US
[72] AFZAL, ROBERT S., US
[72] SMUK, ANDREI Y., US
[72] BERUBE, ALISON, US
[72] ZEPP, CHARLES M., US
[71] SPECTRA SYSTEMS CORPORATION, US
[85] 2003-12-01
[86] 2002-06-06 (US2002017870)
[87] 2002-12-12 (2002098671)
[30] US (60/296,308) 2001-06-06
[30] US (60/310,914) 2001-08-08
[30] US (60/311,160) 2001-08-09

[21] **2,449,174**
[13] A1

[51] **Int.Cl. 7C08B 37/00**
[25] FR
[54] **POLYSACCHARIDE AMPHOTERE, COMPOSITION ET UTILISATION**
[54] **AMPHOTERIC POLYSACCHARIDE, COMPOSITION AND USE**
[72] QUINN, FRANCIS XAVIER, FR
[72] GHANDCHI, PEYMAN, FR
[71] L'OREAL, FR
[85] 2003-12-01
[86] 2002-11-22 (FR2002004016)
[87] 2003-07-03 (2003054025)
[30] FR (01/16388) 2001-12-18

[21] **2,449,190**
[13] A1

[51] **Int.Cl. 7G01N 21/64 7G02B 27/10**
[25] EN
[54] **USE OF OPTICAL DIFFRACTION ELEMENTS IN DETECTION METHODS**
[54] **UTILISATION D'ELEMENTS DE DIFFRACTION OPTIQUES DANS DES PROCEDES DE DETECTION**
[72] BLOM, HANS, SE
[72] RIGLER, RUDOLF, CH
[72] JOHANSSON, MATHIAS, SE
[72] HARD, SVERKERS, SE
[71] GNOTHIS HOLDING SA, CH
[85] 2003-11-26
[86] 2002-05-28 (EP2002005866)
[87] 2002-12-05 (2002097406)
[30] DE (101 26 083.0) 2001-05-29

[21] **2,449,202**
[13] A1

[51] **Int.Cl. 7A61K 9/16 7A61K 9/22 7A61K 9/70**
[25] EN
[54] **BIOCOMPATIBLE COMPOSITIONS AS CARRIERS OR EXCIPIENTS FOR PHARMACEUTICAL AND NUTRACEUTICAL FORMULATIONS AND FOR FOOD PROTECTION**
[54] **COMPOSITIONS BIOCOMPATIBLES EN TANT QUE SUPPORTS OU EXCIPIENTS POUR DES FORMULATIONS PHARMACEUTIQUES ET NUTRICEUTIQUES ET POUR LA PROTECTION DES ALIMENTS**
[72] LACROIX, MONIQUE, CA
[72] TIEN, CANH LE, CA
[72] MATEESCU, MIRCEA-ALEXANDRU, CA
[72] ISPAS-SZABO, POMPILIA, CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
[71] UNIVERSITE DU QUEBEC A MONTREAL, CA
[85] 2003-11-21
[86] 2001-05-23 (CA2001000726)
[87] 2002-11-28 (2002094224)

[21] **2,449,203**
[13] A1

[51] **Int.Cl. 7C10G 2/00**
[25] EN
[54] **METHOD TO START A PROCESS FOR PRODUCTION OF HYDROCARBONS**
[54] **PROCEDE PERMETTANT D'AMORCER LA PRODUCTION D'HYDROCARBURES**
[72] GEIJSEL, JOANNES IGNATIUS, NL
[72] ANSORGE, JOACHIM, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2003-11-26
[86] 2002-05-29 (EP2002005909)
[87] 2002-12-05 (2002097737)
[30] EP (01304714.7) 2001-05-29

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[21] **2,449,204**
[13] A1

[51] **Int.Cl. 7A61C 13/00**
[25] EN
[54] **PRODUCTION OF REPLACEMENT TEETH FROM A THREE-DIMENSIONALLY DETERMINED AND DIGITISED POSITIVE MODEL**
[54] **FABRIQUER UNE PROTHESE DENTAIRE A PARTIR D'UN MODELE POSITIF MESURE ET NUMERISE EN TROIS DIMENSIONS**
[72] FECHER, STEFAN, DE
[72] PEST, ANDREA, DE
[72] VOELKL, LOTHAR, DE
[72] WOLF, DIETRICH, DE
[71] DEGUDENT GMBH, DE
[85] 2003-11-26
[86] 2002-07-02 (EP2002007282)
[87] 2003-01-30 (2003007834)
[30] DE (101 33 569.5) 2001-07-13
[30] DE (101 45 104.0) 2001-09-13
[30] DE (101 53 649.6) 2001-11-02

[21] **2,449,205**
[13] A1

[51] **Int.Cl. 7F23C 11/00 7F23D 11/40 7F23D 11/44**
[25] EN
[54] **METHOD AND DEVICE FOR LOW-EMISSION NON-CATALYTIC COMBUSTION OF A LIQUID FUEL**
[54] **PROCEDE ET DISPOSITIF POUR LA COMBUSTION NON CATALYTIQUE PEU POLLUANTE D'UN COMBUSTIBLE LIQUIDE**
[72] WECLAS, MIROSLAW, DE
[72] VOLKERT, JOCHEN, DE
[71] GVP GESELLSCHAFT ZUR VERMARKTUNG DER PORENBRENNERTECHNIK MBH, DE
[85] 2003-12-01
[86] 2002-06-03 (EP2002006063)
[87] 2002-12-12 (2002099334)
[30] DE (101 27 043.7) 2001-06-02

[21] **2,449,207**
[13] A1

[51] **Int.Cl. 7C03C 27/06**
[25] EN
[54] **GLASS PANEL**
[54] **PANNEAU DE VERRE**
[72] MINAAI, TETSUO, JP
[72] COLLINS, RICHARD EDWARD, AU
[72] NG, NELSON, AU
[71] THE UNIVERSITY OF SYDNEY, AU
[71] NIPPON SHEET GLASS CO., LTD., JP
[85] 2003-11-27
[86] 2002-07-03 (JP2002006760)
[87] 2003-01-16 (2003004430)
[30] JP (2001-204547) 2001-07-05

[21] **2,449,208**
[13] A1

[51] **Int.Cl. 7C09K 5/20 7H01M 8/04**
[25] EN
[54] **COOLING AGENTS FOR COOLING SYSTEMS IN FUEL CELL DRIVES CONTAINING AZOLE DERIVATIVES**
[54] **REFRIGERANTS DESTINES A DES SYSTEMES DE REFROIDISSEMENT DANS DES ENTRAINEMENTS A PILES A COMBUSTIBLE ET CONTENANT DES DERIVES D'AZOLE**
[72] DAMBACH, STEFAN, DE
[72] MESZAROS, LADISLAUS, DE
[72] WENDEROTH, BERND, DE
[72] FIDORRA, UWE, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2003-12-01
[86] 2002-06-06 (EP2002006194)
[87] 2002-12-19 (2002101848)
[30] DE (101 28 530.2) 2001-06-13

[21] **2,449,209**
[13] A1

[51] **Int.Cl. 7C09D 133/10**
[25] EN
[54] **COATING MATERIALS THAT CAN BE CURED THERMALLY AND BY ACTINIC RADIATION, AND THE USE THEREOF**
[54] **MATIERES DE REVETEMENT DURCISSABLES THERMIQUEMENT ET PAR RAYONNEMENT ACTINIQUE ET LEUR UTILISATION**
[72] BAUMGART, HUBERT, DE
[72] CONRING, UWE, DE
[71] BASF COATINGS AG, DE
[85] 2003-11-26
[86] 2002-08-10 (EP2002008984)
[87] 2003-02-27 (2003016413)
[30] DE (101 40 145.0) 2001-08-16

[21] **2,449,210**
[13] A1

[51] **Int.Cl. 7C08G 18/10 7C09D 175/06 7C08G 18/42 7C08G 18/80**
[25] EN
[54] **POLYURETHANE, METHOD FOR PRODUCTION AND USE THEREOF**
[54] **POLYURETHANE, SON PROCEDE DE PRODUCTION ET SON UTILISATION**
[72] SCHWARTE, STEPHAN, DE
[72] VESPER, WILLI, DE
[72] ANAYA-SANZ, JOSE-IGNACIO, ES
[72] LEDANTEC, ALAIN, FR
[71] BASF COATINGS AG, DE
[85] 2003-11-26
[86] 2002-09-25 (EP2002010724)
[87] 2003-04-10 (2003029319)
[30] DE (101 47 546.2) 2001-09-26

[21] **2,449,211**
[13] A1

[51] **Int.Cl. 7F26B 21/06**
[25] FR
[54] **PROCEDE DE TRAITEMENT DE PRODUITS PAR DE L'AIR, DISPOSITIF DE TRAITEMENT DE PRODUITS ET PRODUITS AINSI TRAITES**
[54] **METHOD FOR TREATING PRODUCTS WITH AIR, A PRODUCT TREATMENT DEVICE AND THE PRODUCTS THUS TREATED**
[72] PERRET, MAURICE, FR
[71] ODDEIS S.A., FR
[85] 2003-11-21
[86] 2002-05-17 (FR2002001667)
[87] 2002-11-28 (2002095312)
[30] FR (01/07088) 2001-05-21

[21] **2,449,213**
[13] A1

[51] **Int.Cl. 7A61K 47/36**
[25] EN
[54] **OPHTHALMIC COMPOSITIONS COMPRISING HYALURONIC ACID**
[54] **COMPOSITIONS PHARMACEUTIQUES**
[72] SCHOCH, CHRISTIAN, CH
[72] FETZ, ANDREA, CH
[72] BABIOLE SAUNIER, MAGGY, FR
[72] BIZEC, JEAN-CLAUDE, FR
[71] NOVARTIS AG, CH
[85] 2003-12-01
[86] 2002-06-07 (EP2002006279)
[87] 2002-12-19 (2002100437)
[30] EP (01113959.9) 2001-06-08
[30] EP (01113958.1) 2001-06-08
[30] EP (01115096.8) 2001-06-21
[30] EP (01115097.6) 2001-06-21

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[21] **2,449,214**
[13] A1

[51] **Int.Cl. 7B65B 35/22 7B65D 81/32**
[25] EN
[54] **MULTI-CHAMBERED TUBE COMPRISING A FLOW REGULATING ELEMENT FOR UNIFORM DISPENSING OF FLUIDS**
[54] **TUBE A CHAMBRES MULTIPLES COMPORTANT UN ELEMENT DE REGULATION DE FLUX POUR UNE DISTRIBUTION UNIFORME DE FLUIDES**
[72] CHAN, JOHN GEOFFREY, CN
[72] LI, LI, CN
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-11-28
[86] 2002-07-11 (US2002021792)
[87] 2003-01-23 (2003006320)
[30] US (60/304,671) 2001-07-11

[21] **2,449,216**
[13] A1

[51] **Int.Cl. 7F16K 47/16 7F17D 1/04 7F16K 31/50**
[25] EN
[54] **CYLINDER VALVE AND BAYONET CHECK-FILTER WITH EXCESS-FLOW PROTECTION FEATURE**
[54] **ROBINET DE BOUTEILLE ET FILTRE DE CONTROLE A BAIONNETTE ETABLISSANT UNE PROTECTION CONTRE LES EXCES DE DEBIT**
[72] HULL, WENDELL C., US
[72] NEWTON, BARRY E., US
[71] HULL, WENDELL C., US
[71] NEWTON, BARRY E., US
[85] 2003-11-26
[86] 2002-05-24 (US2002016258)
[87] 2002-12-05 (2002097314)
[30] US (09/872,233) 2001-05-31

[21] **2,449,217**
[13] A1

[51] **Int.Cl. 7A61J 3/07 7A61K 31/46**
[25] EN
[54] **METHOD FOR CLEANING HARD GELATINE CAPSULES**
[54] **PROCEDE POUR NETTOYER DES CAPSULES DE GELATINE DURE**
[72] FREUDENBERGER, VOLKER, DE
[72] WACHTEL, HERBERT, DE
[72] SCHMIDT-JOERG, PETRA, DE
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE
[85] 2003-12-01
[86] 2002-06-12 (EP2002006423)
[87] 2002-12-19 (2002100319)
[30] DE (101 28 779.8) 2001-06-13

[21] **2,449,223**
[13] A1

[51] **Int.Cl. 7H04H 9/00 7H04H 7/00 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR MOBILE COMMERCE**
[54] **SYSTEME ET PROCEDE DE COMMERCE MOBILE**
[72] KESLING, PATRICIA, US
[72] WADIN, CRAIG, US
[72] PATSIOKAS, STELIOS, US
[72] MICHALSKI, RICHARD, US
[72] MARKO, PAUL, US
[71] XM SATELLITE RADIO INC., US
[85] 2003-11-26
[86] 2002-05-31 (US2002017120)
[87] 2002-12-05 (2002097585)
[30] US (09/867,687) 2001-05-31

[21] **2,449,228**
[13] A1

[51] **Int.Cl. 7A63B 47/00**
[25] EN
[54] **IDENTIFICATION DEVICE**
[54] **DISPOSITIF D'IDENTIFICATION**
[72] JOLLIFFE, DAVID VICTOR, GB
[72] THIRKETTLE, JOHN SCOTT, GB
[71] WORLD GOLF SYSTEMS LTD., GB
[85] 2003-12-01
[86] 2002-06-14 (GB2002002735)
[87] 2002-12-27 (2002102473)
[30] GB (0114543.2) 2001-06-14

[21] **2,449,232**
[13] A1

[51] **Int.Cl. 7A47L 13/19 7A61M 35/00 7A47K 7/03 7A47L 1/15**
[25] EN
[54] **SEMI-ENCLOSED APPLICATORS FOR DISTRIBUTING A SUBSTANCE ONTO A TARGET SURFACE**
[54] **APPLICATEURS SEMI-FERMES PERMETTANT DE REPANDRE UNE SUBSTANCE SUR UNE SURFACE CIBLE**
[72] DIRKSING, WILLIAM PAUL, US
[72] MANSKI, THOMAS JAMES JR., US
[72] WONG, ARTHUR, US
[72] PUNG, DAVID JOHN, US
[72] CEDENO, ALEJANDRO, US
[72] VERBIEST, JAN H., US
[72] SHERRY, ALAN EDWARD, US
[72] GRUENBACHER, DANA PAUL, US
[72] LAKE, KIRK WALLACE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-11-26
[86] 2002-06-21 (US2002019700)
[87] 2003-01-03 (2003000106)
[30] US (09/887,407) 2001-06-22
[30] US (10/126,900) 2002-04-19

[21] **2,449,233**
[13] A1

[51] **Int.Cl. 7A47L 13/16 7A47L 13/18**
[25] EN
[54] **DISPOSABLE CLEANING SHEETS COMPRISING A PLURALITY OF PROTRUSIONS FOR REMOVING DEBRIS FROM SURFACES**
[54] **LINGETTES NETTOYANTES JETABLES MUNIES DE PLUSIEURS PROTUBERANCES POUR ELIMINER DES DEBRIS D'UNE SURFACE**
[72] SWITZER, ANDREA PFARR, US
[72] KACHER, MARK LESLIE, US
[72] MAILE, MICHAEL STEPHEN, US
[72] WONG, ARTHUR, US
[72] BROWN, LAURA KREBS, US
[72] RHAMY, PRESTON JAMES, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-11-26
[86] 2002-06-21 (US2002019967)
[87] 2003-01-03 (2003000104)
[30] US (60/300,700) 2001-06-25
[30] US (60/370,712) 2002-04-08

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[13] A1

[51] **Int.Cl. 7A61K 31/517 7C07D 401/08 7C07D 417/08 7C07D 403/10 7A61P 19/10 7C07D 401/12 7A61P 5/18 7C07D 213/38 7C07D 239/78 7C07D 239/82 7C07D 239/93**

[25] EN
[54] **QUINAZOLINE DERIVATIVES WHICH PROMOTE THE RELEASE OF PARATHYROID HORMONE**
[54] **DERIVES DE LA QUINAZOLINE**
[72] WIDLER, LEO, CH
[72] WEILER, SVEN, DE
[72] TOMMASI, RUBEN ALBERTO, DE
[72] BEERLI, RENE, CH
[71] NOVARTIS AG, CH
[85] 2003-12-01
[86] 2002-06-14 (EP2002006606)
[87] 2002-12-27 (2002102782)
[30] GB (0114702.4) 2001-06-15
[30] GB (0114701.6) 2001-06-15

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[51] **Int.Cl. 7F27B 9/18 7F27D 23/02**

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[54] **MULTIPLE HEARTH FURNACE**
[54] **FOUR A SOLS MULTIPLES**
[72] HUTMACHER, PATRICK, LU
[72] KONSBRUCK, JEANNOT, LU
[72] LONARDI, EMILE, LU
[72] KRAEMER, EDGAR, LU
[71] PAUL WURTH S.A., LU
[85] 2003-12-01
[86] 2002-06-18 (EP2002006683)
[87] 2003-01-09 (2003002925)
[30] LU (90793) 2001-06-26

[21] **2,449,239**
[13] A1

[51] **Int.Cl. 7C08J 5/18**

[25] EN
[54] **POLYAZOLE-BASED POLYMER FILMS**
[54] **FILMS POLYMERES A BASE DE POLYAZOLE**
[72] BAURMEISTER, JOCHEN, DE
[72] UENSAL, OEMER, DE
[72] KIEFER, JOACHIM, DE
[72] JORDT, FRAUKE, DE
[71] CELANESE VENTURES GMBH, DE
[85] 2003-12-01
[86] 2002-06-19 (EP2002006773)
[87] 2002-12-27 (2002102881)
[30] DE (101 29 458.1) 2001-06-19

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[51] **Int.Cl. 7H01M 6/14 7H01M 6/04 7H01M 6/16 7H01M 6/18 7H01M 4/36 7H01M 4/48 7H01M 4/58**

[25] EN
[54] **HIGH-ENERGY, RECHARGEABLE ELECTROCHEMICAL CELLS**
[54] **PILES ELECTROCHIMIQUES RECHARGEABLES A HAUTE ENERGIE**
[72] GOFER, YOSEF, IL
[72] CHASID, ORIT, IL
[72] GIZBAR, CHAIM, IL
[72] AURBACH, DORON, IL
[71] BAR-ILAN UNIVERSITY, IL
[85] 2003-12-01
[86] 2002-05-29 (IL2002000420)
[87] 2002-12-05 (2002097941)
[30] US (09/870,707) 2001-06-01

[21] **2,449,242**
[13] A1

[51] **Int.Cl. 7C08K 13/02 7C08K 3/34 7C08K 5/34**

[25] EN
[54] **SYNERGISTIC COMBINATIONS OF NANO-SCALED FILLERS AND HINDERED AMINE LIGHT STABILIZERS**
[54] **COMBINAISONS SYNERGETIQUES DE NANO-CHARGES ET DE PHOTOSTABILISANTS AMINIQUES INHIBES**
[72] KAPRINIDIS, NIKOLAS, US
[72] SITZMANN, EUGENE VALENTINE, US
[72] HORSEY, DOUGLAS WAYNE, US
[72] SOLERA, PETER SHELSEY, US
[72] CHIN, HUI, US
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 2003-12-01
[86] 2002-06-20 (EP2002006847)
[87] 2003-01-09 (2003002651)
[30] US (60/302,125) 2001-06-29

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[13] A1

[51] **Int.Cl. 7C07K 14/81 7C07K 16/38 7A61K 39/385 7A61K 47/48 7A61K 38/55 7G01N 33/573**

[25] EN
[54] **PROTEASE INHIBITOR CONJUGATES AND ANTIBODIES USEFUL IN IMMUNOASSAY**
[54] **CONJUGUES D'INHIBITEURS DE PROTEASE ET ANTICORPS UTILES DANS UN DOSAGE IMMUNOLOGIQUE**
[72] GHOSHAL, MITALI, US
[72] ROOT, RICHARD TERRY, US
[72] DERAS, INA, US
[72] METZ, SIGRUN, DE
[72] HUI, RAYMOND, US
[72] VON DER ELTZ, HERBERT W., DE
[72] HUBER, ERASMUS J., DE
[72] SIGLER, GERALD F., US
[71] F. HOFFMANN-LA ROCHE AG, CH
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[86] 2002-07-15 (EP2002007843)
[87] 2003-01-23 (2003006506)
[30] US (60/305,192) 2001-07-13
[30] US () 2002-07-10

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[13] A1

[51] **Int.Cl. 7C08G 81/02**

[25] EN
[54] **NEGATIVELY CHARGED AMPHIPHILIC BLOCK COPOLYMER AS DRUG CARRIER AND COMPLEX THEREOF WITH POSITIVELY CHARGED DRUG**
[54] **COPOLYMERE BLOC AMPHIPHILE CHARGE NEGATIVEMENT UTILISE COMME EXCIPIENT POUR MEDICAMENT ET COMPLEXE CONSTITUE PAR CE COPOLYMERE ET PAR UN MEDICAMENT CHARGE POSITIVEMENT**
[72] SEO, MIN-HYO, KR
[72] KONG, HAN-UK, KR
[72] CHOI, IN-JA, KR
[71] SAMYANG CORPORATION, KR
[85] 2003-12-01
[86] 2002-06-05 (KR2002001074)
[87] 2003-01-03 (2003000778)
[30] KR (2001/36203) 2001-06-25

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[51] **Int.Cl. 7A61K 31/12 7C12Q 1/02
7A61K 31/19 7A61K 31/225**
[25] EN
[54] **SMALL MOLECULE
ANTAGONISTS OF BCL2 FAMILY
PROTEINS**
[54] **PETITS ANTAGONISTES
MOLECULAIRES DE PROTEINES DE
LA FAMILLE BCL2**
[72] WANG, SHAOMENG, US
[72] YANG, DAJUN, US
[71] THE REGENTS OF THE
UNIVERSITY OF MICHIGAN, US
[71] GEORGETOWN UNIVERSITY
MEDICAL CENTER, US
[85] 2003-11-28
[86] 2002-05-30 (US2002017206)
[87] 2002-12-05 (2002097053)
[30] US (60/293,983) 2001-05-30
[30] US (UNKNOWN) 2002-05-30

[21] **2,449,246**
[13] A1
[51] **Int.Cl. 7A01J 5/017**
[25] EN
[54] **SYSTEM AND METHOD FOR
MILKING ANIMALS**
[54] **SYSTEME ET PROCEDE DE
TRAITE D'ANIMAUX**
[72] OSCARSSON, MATTIAS, SE
[72] SJOELUND, MARTIN, SE
[71] DELAVAL HOLDING AB, SE
[85] 2003-12-01
[86] 2002-06-19 (SE2002001193)
[87] 2002-12-27 (2002102142)
[30] SE (0102162-5) 2001-06-19

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[13] A1
[51] **Int.Cl. 7C12N 15/63 7A01H 1/00
7A01H 11/00 7C07H 21/02 7C07H 21/04
7C12N 15/85 7C12N 15/87**
[25] EN
[54] **REGULATION OF LETHAL GENE
EXPRESSION IN PLANTS**
[54] **REGULATION DE L'EXPRESSION
D'UN GENE LETAL CHEZ LES
PLANTES**
[72] ARUMUGAM, NEELAKANTAN, IN
[72] GUPTA, VIBHA, IN
[72] JAGANNATH, ARUN, IN
[72] BANDYOPADHYAY, PANCHALI, IN
[72] BURMA, PRADEEP KUMAR, IN
[72] PENTAL, DEEPAK, IN
[71] UNIVERSITY OF DELHI, IN
[71] NATIONAL DAIRY DEVELOPMENT
BOARD, IN
[85] 2003-12-01
[86] 2000-05-30 (IN2000000058)
[87] 2001-12-06 (2001092544)

[21] **2,449,252**
[13] A1
[51] **Int.Cl. 7F16K 15/16 7A62B 9/02
7A62B 18/10**
[25] EN
[54] **RESPIRATOR VALVE**
[54] **VALVE D'APPAREIL
RESPIRATOIRE**
[72] INSLEY, THOMAS I., US
[72] CASTIGLIONE, DAVID M., US
[72] MITTELSTADT, WILLIAM A., US
[71] 3M INNOVATIVE PROPERTIES
COMPANY, US
[85] 2003-12-01
[86] 2002-04-24 (US2002013157)
[87] 2003-01-03 (2003001097)
[30] US (09/888,943) 2001-06-25

[21] **2,449,255**
[13] A1
[51] **Int.Cl. 7G01L 19/00**
[25] EN
[54] **HIERARCHICAL LOSSLESS
ENCODING/DECODING METHOD,
HIERARCHICAL LOSSLESS
ENCODING METHOD,
HIERARCHICAL LOSSLESS
DECODING METHOD, ITS
APPARATUS, AND PROGRAM**
[54] **PROCEDE DE CODAGE /
DECODAGE HIERARCHIQUE SANS
PERTES, PROCEDE DE CODAGE
HIERARCHIQUE SANS PERTES,
PROCEDE DE DECODAGE
HIERARCHIQUE SANS PERTES,
APPAREIL ET PROGRAMME
CORRESPONDANTS**
[72] TAKAMIZAWA, YUICHIRO, JP
[72] NOMURA, TOSHIYUKI, JP
[71] NEC CORPORATION, JP
[85] 2003-12-01
[86] 2003-03-24 (JP2003003513)
[87] 2003-10-02 (2003081196)
[30] JP (2002-085705) 2002-03-26

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[25] EN
[54] **MODULATORS OF PEROXISOME PROLIFERATOR ACTIVATED RECEPTORS**
[54] **MODULATEURS DE RECEPTEURS ACTIVES PAR LE PROLIFERATEUR DE PEROXYSONME**
[72] WARSHAWSKY, ALAN M., US
[72] BROOKS, DAWN ALISA, US
[72] GONZALES GARCIA, MARIA ROSARIO, ES
[72] TORRADO, ALICIA, ES
[72] MONTROSE-RAFEZADEH, CHAHRZAD, US
[72] FERRITTO CRESPO, RAFAEL, ES
[72] ARDECKY, ROBERT J., US
[72] MARTIN, JOSE ALFREDO, ES
[72] REIFEL-MILLER, ANNE, US
[72] ROJO, ISABEL, ES
[72] LAMAS-PETEIRA, CARLOS, ES
[72] PRIETO, LOURDES, ES
[72] MARTIN-ORTEGA FINGER, MARIA, ES
[71] ELI LILLY AND COMPANY, US
[71] LIGAND PHARMACEUTICALS, INC., US
[85] 2003-12-02
[86] 2002-05-30 (US2002016950)
[87] 2002-12-19 (2002100813)
[30] US (60/297,144) 2001-06-07

[21] **2,449,257**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **INTERNET ADVERTISING SYSTEM AND METHOD IN CONNECTION WITH VOICE HUMOR SERVICES**
[54] **SYSTEME ET PROCEDE DE PUBLICITE PAR INTERNET ASSOCIES A DES SERVICES DIFFUSEURS DE SEQUENCES D'HUMOUR SONORE**
[72] RYOO, CHAI MOK, KR
[71] RYOO, CHAI MOK, KR
[85] 2003-12-01
[86] 2001-05-23 (KR2001000852)
[87] 2001-12-13 (2001095201)
[30] KR (2000-30942) 2000-06-07
[30] KR (2000-65343) 2000-11-04
[30] KR (2001-12158) 2001-03-09
[30] KR (2001-26624) 2001-05-16

[21] **2,449,262**
[13] A1

[51] **Int.Cl. 7E04H 15/20**
[25] EN
[54] **INFLATABLE STRUCTURE**
[54] **STRUCTURE GONFLABLE**
[72] VISSER, ETIENNE, ZA
[71] VISSER, ETIENNE, ZA
[85] 2003-12-01
[86] 2001-11-14 (ZA2001000175)
[87] 2002-08-22 (2002064917)
[30] ZA (2000/6289) 2000-11-14

[21] **2,449,265**
[13] A1

[51] **Int.Cl. 7C08L 63/00 7C08L 67/00**
[25] EN
[54] **HYDROLYSIS RESISTANT POLYESTERS AND ARTICLES MADE THEREFROM**
[54] **POLYESTERS RESISTANT A L'HYDROLYSE ET ARTICLES FABRIQUES A PARTIR DE CEUX-CI**
[72] GARRISON, WILLIAM E., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2003-11-26
[86] 2002-07-01 (US2002022288)
[87] 2003-01-09 (2003002663)
[30] US (60/302,146) 2001-06-29

[21] **2,449,267**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **HS2STS AS MODIFIERS OF THE P53 PATHWAY AND METHODS OF USE**
[54] **HS2STS UTILISES COMME MODIFICATEURS DE LA VOIE P53 ET METHODES D'UTILISATION ASSOCIEES**
[72] FRIEDMAN, LORI, US
[72] PLOWMAN, GREGORY D., US
[72] BELVIN, MARCIA, US
[72] LI, DANXI, US
[72] FRANCIS-LANG, HELEN, US
[72] FUNKE, ROEL P., US
[71] EXELIXIS INC., US
[85] 2003-12-02
[86] 2002-06-03 (US2002017409)
[87] 2002-12-12 (2002099138)
[30] US (60/296,076) 2001-06-05
[30] US (60/328,605) 2001-10-10
[30] US (60/357,253) 2002-02-15

[21] **2,449,268**
[13] A1

[51] **Int.Cl. 7H02G 1/04**
[25] EN
[54] **ELECTRIC WIRE REMOVING ROLLER FOR LP INSULATOR AND POWER DISTRIBUTION METHOD OF CONSTRUCTION**
[54] **GALET DE RETRAIT DE FIL ELECTRIQUE POUR ISOLANT BASSE PRESSION ET PROCEDE DE DISTRIBUTION INTERIEURE DE COURANT DE CONSTRUCTION**
[72] KWON, SAE-WON, KR
[71] DAEWON ELECTRIC COMPANY LIMITED, KR
[85] 2003-12-01
[86] 2002-06-01 (KR2002001043)
[87] 2002-12-27 (2002103870)
[30] KR (2001/30953) 2001-06-02

[21] **2,449,270**
[13] A1

[51] **Int.Cl. 7C12Q 1/42 7G01N 33/53 7G01N 33/567 7C12Q 1/68**
[25] EN
[54] **PIBS AS MODIFIERS OF THE P53 PATHWAY AND METHODS OF USE**
[54] **PHOSPHATIDYLINOSITOL BIPHOSPHATES (PIB) EN TANT QUE MODIFICATEURS DE LA VOIE METABOLIQUE DU GENE P53 ET PROCEDES D'UTILISATION**
[72] BELVIN, MARCIA, US
[72] FRANCIS-LANG, HELEN, US
[72] LI, DANXI, US
[72] PLOWMAN, GREGORY D., US
[72] FUNKE, ROEL P., US
[72] FRIEDMAN, LORI, US
[71] EXELIXIS INC., US
[85] 2003-12-02
[86] 2002-06-03 (US2002017526)
[87] 2002-12-12 (2002099125)
[30] US (60/296,076) 2001-06-05
[30] US (60/328,605) 2001-10-10
[30] US (60/357,253) 2002-02-15

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[13] A1
[51] **Int.Cl. 7H02G 1/02**
[25] EN
[54] **WIRE-CHANGING DEVICE
INSIDE OF ELECTRIC POLE AND
NON-POWER-FAILURE POWER
DISTRIBUTION METHOD**
[54] **DISPOSITIF DE CHANGEMENT
DE CABLE A L'INTERIEUR D'UN
POTEAU ELECTRIQUE ET PROCEDE
DE DISTRIBUTION D'ENERGIE SANS
COUPURE DE COURANT**
[72] KWON, SAE-WON, KR
[71] DAEWON ELECTRIC COMPANY
LIMITED, KR
[85] 2003-12-01
[86] 2002-06-05 (KR2002001063)
[87] 2003-01-16 (2003005516)
[30] KR (2001/32587) 2001-06-11
[30] KR (2001/19366) 2001-06-27

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[13] A1
[51] **Int.Cl. 7C12N 15/82 7A01H 5/00
7A01N 65/00**
[25] FR
[54] **SUR-EXPRESSION D'UNE
LIPOXYGENASE DANS LES PLANTES
ET DIMINUTION DE LA SENSIBILITE
DES PLANTES AUX MALADIES ET
AUX AGRESSIONS PAR DES
ORGANISMES PATHOGENES**
[54] **LIPOXYGENASE
OVEREXPRESSION IN PLANTS AND
REDUCTION IN PLANT SENSITIVITY
TO DISEASES AND ATTACKS FROM
PATHOGENIC ORGANISMS**
[72] GROSJEAN-COURNOYER, MARIE-
CLAIRE, FR
[72] BEFFA, ROLAND, FR
[72] FOURNIER, JOELLE, FR
[72] ESQUERRE-TUGAYE, MARIE-
THERESE, FR
[72] MENE-SAFFRANE, LAURENT, FR
[71] RHOBIO, FR
[85] 2003-12-01
[86] 2002-06-06 (FR2002001943)
[87] 2002-12-12 (2002099112)
[30] FR (01/07470) 2001-06-07
[30] FR (01/14358) 2001-11-07

[21] **2,449,275**
[13] A1
[51] **Int.Cl. 7C12Q 1/68 7A61K 45/00
7C12Q 1/00 7A61K 39/395 7C12Q 1/48
7G01N 33/53 7G01N 33/573**
[25] EN
[54] **DGKS AS MODIFIERS OF THE P53
PATHWAY AND METHODS OF USE**
[54] **DGK EN TANT QUE
MODULATEURS DU MECANISME
D'ACTION DE P53 ET PROCEDES
D'UTILISATION**
[72] FUNKE, ROEL P., US
[72] LI, DANXI, US
[72] FRANCIS-LANG, HELEN, US
[72] BELVIN, MARCIA, US
[72] PLOWMAN, GREGORY D., US
[72] FRIEDMAN, LORI, US
[71] EXELIXIS INC., US
[85] 2003-12-02
[86] 2002-06-03 (US2002017527)
[87] 2002-12-12 (2002099060)
[30] US (60/296,076) 2001-06-05
[30] US (60/328,605) 2001-10-10
[30] US (60/338,733) 2001-10-22
[30] US (60/357,253) 2002-02-15
[30] US (60/357,600) 2002-02-15

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[13] A1
[51] **Int.Cl. 7C12Q 1/68 7A61K 38/00
7A61K 45/00 7A61K 48/00 7A61P 35/00
7C12Q 1/00 7C12Q 1/02 7A61K 39/395
7C12Q 1/48 7G01N 33/53 7G01N 33/574
7A61K 31/7088**
[25] EN
[54] **PRMTS AS MODIFIERS OF THE
P53 PATHWAY AND METHODS OF USE**
[54] **PRMT COMME MODIFICATEURS
DE LA VOIE P53 ET METHODES
D'UTILISATION**
[72] LI, DANXI, US
[72] FRANCIS-LANG, HELEN, US
[72] BELVIN, MARCIA, US
[72] FUNKE, ROEL P., US
[72] PLOWMAN, GREGORY D., US
[72] FRIEDMAN, LORI, US
[71] EXELIXIS INC., US
[85] 2003-12-02
[86] 2002-06-05 (US2002017879)
[87] 2002-12-12 (2002099075)
[30] US (60/296,076) 2001-06-05
[30] US (60/328,605) 2001-10-10
[30] US (60/338,733) 2001-10-22
[30] US (60/357,253) 2002-02-15
[30] US (60/357,600) 2002-02-15

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[13] A1
[51] **Int.Cl. 7C12Q 1/68 7A61K 45/00
7C12Q 1/00 7A61K 39/395 7C12Q 1/48
7G01N 33/53 7G01N 33/573**
[25] EN
[54] **GFATS AS MODIFIERS OF THE
P53 PATHWAY AND METHODS OF USE**
[54] **GFAT EN TANT QUE
MODIFICATEURS DE LA VOIE P53 ET
LEUR PROCEDE D'UTILISATION**
[72] FRANCIS-LANG, HELEN, US
[72] BELVIN, MARCIA, US
[72] FRIEDMAN, LORI, US
[72] PLOWMAN, GREGORY D., US
[72] FUNKE, ROEL P., US
[72] LI, DANXI, US
[71] EXELIXIS INC., US
[85] 2003-12-02
[86] 2002-06-02 (US2002021112)
[87] 2002-12-12 (2002099083)
[30] US (60/296,076) 2001-06-05
[30] US (60/328,605) 2001-10-10
[30] US (60/357,253) 2002-02-15

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[13] A1
[51] **Int.Cl. 7C07K 14/47 7G01N 33/50
7C07K 14/65**
[25] EN
[54] **MUTANTS OF IGF BINDING
PROTEINS AND METHODS OF
PRODUCTION OF ANTAGONISTS
THEREOF**
[54] **MUTANTS DE PROTEINES DE
LIAISON DU FACTEUR DE
CROISSANCE INSULINOMIMETIQUE
(IGF) ET METHODES DE
PRODUCTION D'ANTAGONISTES**
[72] HUBER, ROBERT, DE
[72] HOLAK, TADEUSZ, DE
[72] ENGH, RICHARD, DE
[72] LANG, KURT, DE
[72] DEMUTH, DIRK, DE
[72] BEISEL, HANS-GEORG, SE
[72] ZESLAWSKI, WOJCIECH, PL
[72] SCHUMACHER, RALF, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2003-12-02
[86] 2002-06-05 (EP2002006161)
[87] 2002-12-12 (2002098914)
[30] EP (01 112 958.2) 2001-06-07

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[21] **2,449,299**
[13] A1

[51] **Int.Cl. 7B23K 10/00**
[25] EN
[54] **DEVICE FOR PLASMA INCISION OF MATTER WITH A SPECIFICALLY TUNED RADIOFREQUENCY ELECTROMAGNETIC FIELD GENERATOR**
[54] **DISPOSITIF D'INCISION PAR PLASMA D'UNE MATIERE COMPRENANT UN GENERATEUR DE CHAMPS ELECTROMAGNETIQUES DE RADIOFREQUENCES SYNTONISEES DE MANIERE SPECIFIQUE**
[72] FUGO, RICHARD J., US
[72] COCCIO, DAMIAN, US
[71] FUGO, RICHARD J., US
[85] 2003-11-26
[86] 2002-10-24 (US2002034005)
[87] 2003-05-08 (2003038850)
[30] US (09/999,477) 2001-10-31

[21] **2,449,301**
[13] A1

[51] **Int.Cl. 7G06K 7/00 7G06K 17/00 7G06K 19/077**
[25] EN
[54] **RADIO FREQUENCY IDENTIFICATION IN DOCUMENT MANAGEMENT**
[54] **IDENTIFICATION PAR RADIOFREQUENCE DANS LA GESTION DE DOCUMENTS**
[72] EISENBERG, PETER M., US
[72] WALDNER, MICHELE A., US
[72] GRUNES, MITCHELL B., US
[72] SAINATI, ROBERT A., US
[72] ERICKSON, DAVID P., US
[72] GOFF, EDWARD D., US
[72] PIOTROWSKI, CHESTER, US
[72] MOREL, DIANE E., US
[72] PEARSON, SCOTT D., US
[72] KRUSE, JOHN M., US
[72] KIRSCHHOFFER, JON A., US
[72] RING, EDMUND J., US
[72] KELLIHER, WILLIAM J., JR., US
[72] KELLER, JANET T., US
[72] HICKOK, GENE J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-12-01
[86] 2002-06-03 (US2002017637)
[87] 2002-12-12 (2002099730)
[30] US (09/874,749) 2001-06-05
[30] US (10/153,124) 2002-05-20

[21] **2,449,302**
[13] A1

[51] **Int.Cl. 7E21B 7/14 7E21B 36/00 7C09K 7/02 7E21B 7/15**
[25] EN
[54] **HYDROTHERMAL DRILLING METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE FORAGE HYDROTHERMIQUE**
[72] ERTAS, MEHMET D., US
[72] HERHOLD, AMY B., US
[72] HIRSCH, LEE M., TZ
[72] POLIZZOTTI, RICHARD S., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2003-12-01
[86] 2002-06-07 (US2002018242)
[87] 2002-12-27 (2002103152)
[30] US (60/298,981) 2001-06-18

[21] **2,449,312**
[13] A1

[51] **Int.Cl. 7A61K 31/19**
[25] EN
[54] **METHODS FOR THE TREATMENT OF NAIL FUNGUS AND OTHER MICROBIAL AND MYCOTIC CONDITIONS AND COMPOSITIONS USEFUL THEREFOR**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE L'ONYCHOMYCOSE ET AUTRES PATHOLOGIES MICROBIENNES ET MYCOSIQUES**
[72] BOGART, MARK H., US
[71] BOGART, MARK H., US
[85] 2003-12-03
[86] 2002-05-03 (US2002014007)
[87] 2002-12-12 (2002098402)
[30] US (09/873,773) 2001-06-04

[21] **2,449,316**
[13] A1

[51] **Int.Cl. 7A61K 31/409 7C07F 5/02 7C07D 487/22**
[25] EN
[54] **NOVEL METALLOPORPHYRINS AND THEIR USES AS RADIOSENSITIZERS FOR RADIATION THERAPY**
[54] **NOUVELLES METALLOPORPHYRINES ET LEURS UTILISATIONS COMME RADIOSENSIBILISATEURS EN RADIOTHERAPIE**
[72] SLATKIN, DANIEL N., US
[72] MIURA, MICHIKO, US
[71] BROOKHAVEN SCIENCE ASSOCIATES, US
[85] 2003-12-03
[86] 2002-06-05 (US2002017715)
[87] 2002-12-12 (2002098417)
[30] US (09/874,203) 2001-06-06
[30] US (10/117,010) 2002-04-05

[21] **2,449,323**
[13] A1

[51] **Int.Cl. 7A61L 31/04 7A61L 33/00 7A61L 31/14 7A61L 31/16**
[25] EN
[54] **FIXATION DEVICES FOR TISSUE REPAIR**
[54] **DISPOSITIFS DE FIXATION POUR LA REPARATION DE TISSUS**
[72] WRIGHT, EMMA JAYNE, GB
[72] HUCKLE, JAMES WILLIAM, GB
[72] ALI, SAAD ABOUL MAJEED, GB
[71] SMITH & NEPHEW PLC, GB
[85] 2003-12-03
[86] 2002-05-31 (GB2002002602)
[87] 2002-12-12 (2002098475)
[30] GB (0113697.7) 2001-06-06

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[21] **2,449,324**
[13] A1

[51] **Int.Cl. 7A61M 5/00**
[25] EN
[54] **HINGED NEEDLE SHIELD ASSEMBLY HAVING NEEDLE CANNULA LOCK**
[54] **ENSEMBLE DE PROTECTION D'AIGUILLE ARTICULE A VERROUILLAGE DE CANULE D'AIGUILLE**
[72] NEWBY, C. MARK, US
[72] HWANG, CHARLES G., US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2003-12-03
[86] 2002-05-29 (US2002016800)
[87] 2002-12-12 (2002098481)
[30] US (60/296,406) 2001-06-06

[21] **2,449,325**
[13] A1

[51] **Int.Cl. 7B01J 37/00 7B01J 29/06 7B01J 21/16**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF CATALYSTS WITH IMPROVED ACCESSIBILITY**
[54] **PROCEDE DE PRODUCTION DE CATALYSEURS A PENETRABILITE AMELIOREE**
[72] BERENDS, EDWIN MARK, NL
[72] O'CONNOR, PAUL, NL
[71] AKZO NOBEL, N.V., NL
[85] 2003-12-03
[86] 2002-05-28 (EP2002005826)
[87] 2002-12-12 (2002098563)
[30] EP (01202146.5) 2001-06-05

[21] **2,449,341**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12P 21/02 7C07K 16/18 7C07K 14/435 7C07K 14/47 7G01N 33/50 7G01N 33/53 7G01N 33/566 7C12Q 1/68**
[25] EN
[54] **NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME**
[54] **NOUVELLES PROTEINES ET ACIDES NUCLEIQUES CODANT CES PROTEINES**
[72] BERGHS, CONSTANCE, US
[72] SHENOY, SURESH G., US
[72] RASTELLI, LUCA, US
[72] EISEN, ANDREW, US
[72] EDINGER, SHLOMIT R., US
[72] LI, LI, US
[72] SHIMKETS, RICHARD A., US
[72] GUO, XIAOJIA, US
[72] ANDERSON, DAVID W., US
[72] SPYTEK, KIMBERLY A., US
[72] GANGOLLI, ESHA A., US
[72] OOI, CHEAN ENG, US
[72] PENA, CAROL E., A., US
[72] JI, WEIZHEN, US
[72] ROTHENBERG, MARK E., US
[72] GIOT, LOIC, US
[72] GORMAN, LINDA, US
[72] ZHONG, MEI, US
[72] SPADERNA, STEVEN K., US
[72] LIU, XIAOHONG, US
[72] GERLACH, VALERIE L., US
[72] SMITHSON, GLENNDA, US
[72] ELLERMAN, KAREN, US
[72] HJALT, TORD, US
[72] ORT, TATIANA, US
[72] CASMAN, STACIE J., US
[72] BURGESS, CATHERINE E., US
[72] KHRAMTSOV, NIKOLAI V., US
[72] LEITE, MARIO W., US
[72] PADIGARU, MURALIDHARA, US
[72] CATTERTON, ELINA, US
[72] BOLDOG, FERENC L., US
[72] VOSS, EDWARD Z., US
[72] AGEE, MICHELE L., US
[72] CHANT, JOHN S., US
[72] CHAUDHURI, AMITABHA, US
[72] RIEGER, DANIEL K., US
[72] DIPIPPA, VINCENT A., US
[72] TAUPIER, RAYMOND J. JR., US
[72] KEKUDA, RAMESH, US
[72] PATTURAJAN, MEERA, US
[72] ZERHUSEN, BRYAN D., US
[72] VERNET, CORINE A., M., US
[72] MILLER, CHARLES E., US
[71] CURAGEN CORPORATION, US
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[86] 2002-08-02 (US2002024459)
[87] 2003-09-18 (2003076642)
[30] US (60/309,501) 2001-08-02
[30] US (60/310,291) 2001-08-03
[30] US (60/310,951) 2001-08-08
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[30] US (60/311,979) 2001-08-13

[30] US (60/312,203) 2001-08-14
[30] US (60/313,156) 2001-08-17
[30] US (60/313,201) 2001-08-17
[30] US (60/313,702) 2001-08-20
[30] US (60/314,031) 2001-08-21
[30] US (60/314,466) 2001-08-23
[30] US (60/315,403) 2001-08-28
[30] US (60/315,853) 2001-08-29
[30] US (60/316,508) 2001-08-31
[30] US (60/323,936) 2001-09-21
[30] US (60/338,078) 2001-12-03
[30] US (60/354,655) 2002-02-05
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[30] US (60/373,825) 2002-04-19
[30] US (60/380,980) 2002-05-15
[30] US (60/380,971) 2002-05-15
[30] US (60/381,039) 2002-05-16
[30] US (60/383,761) 2002-05-28
[30] US (60/383,887) 2002-05-29
[30] US (10/210,130) 2002-08-01

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[13] A1

[51] **Int.Cl. 7C02F 1/469 7B01D 61/48**
[25] EN
[54] **ELECTRODEIONIZATION APPARATUS AND METHOD**
[54] **PROCEDE ET APPAREIL D'ELECTRODEIONISATION**
[72] DUPONT, STEPHANE, FR
[72] ARBA, JOHN W., US
[72] JHA, ANIL, US
[72] LIANG, LI-SHIANG, US
[71] UNITED STATES FILTER CORPORATION, US
[85] 2003-11-25
[86] 2002-05-29 (US2002016643)
[87] 2002-12-05 (2002096807)
[30] US (09/867,786) 2001-05-29

[21] **2,449,366**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **HAPPIER MAPPING**
[54] **CARTOGRAPHIE HAPPY MAPPING**
[72] DEAR, PAUL H., GB
[72] THANGAVELU, MADANE, GB
[72] BANKIER, ALAN, GB
[71] MEDICAL RESEARCH COUNCIL, GB
[85] 2003-12-02
[86] 2002-06-18 (GB2002002763)
[87] 2002-12-27 (2002103046)
[30] GB (0114853.5) 2001-06-18

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[13] A1

[51] **Int.Cl. 7A45F 5/10**
[25] EN
[54] **RELEASABLY ATTACHABLE GRIP**

[54] **POIGNEE DETACHABLE**
[72] RUANA, BRUCE M., US
[71] RUANA, BRUCE M., US
[85] 2003-12-03
[86] 2002-05-23 (US2002016338)
[87] 2002-12-12 (2002098321)
[30] US (09/874,940) 2001-06-04

[21] **2,449,375**
[13] A1

[51] **Int.Cl. 7A61B 17/00**
[25] EN
[54] **INTERVERTEBRAL DISC DEVICE EMPLOYING LOOPED PROBE**

[54] **DISPOSITIF DE DISQUE INTERVERTEBRAL UTILISANT UNE SONDE EN BOUCLE**
[72] SHARKEY, HUGH R., US
[72] UCHIDA, ANDY, US
[72] ASHLEY, JOHN E., US
[72] TO, KEVIN, US
[72] LE, LE T., US
[71] ORATEC INTERVENTIONS, INC., US
[85] 2003-12-03
[86] 2002-06-04 (US2002017503)
[87] 2002-12-12 (2002098300)
[30] US (09/876,833) 2001-06-06

[21] **2,449,379**
[13] A1

[51] **Int.Cl. 7A61B 18/14**
[25] EN
[54] **ELECTROMAGNETIC ENERGY DELIVERY INTERVERTEBRAL DISC TREATMENT DEVICES**

[54] **DISPOSITIFS DE TRAITEMENT DISCAL PAR TRANSMISSION D'ENERGIE ELECTROMAGNETIQUE**
[72] ASHLEY, JOHN E., US
[72] SHARKEY, HUGH R., US
[72] UCHIDA, ANDY, US
[71] ORATEC INTERVENTIONS, INC., US
[85] 2003-12-03
[86] 2002-06-04 (US2002017542)
[87] 2002-12-12 (2002098309)
[30] US (09/876,831) 2001-06-06

[21] **2,449,388**
[13] A1

[51] **Int.Cl. 7B01J 19/00**
[25] EN
[54] **INTEGRATED ELECTROKINETIC DEVICES AND METHODS OF MANUFACTURE**

[54] **DISPOSITIFS ELECTROKINETIQUES INTEGRES ET PROCEDES DE FABRICATION**
[72] LAUKS, IMANTS R., CA
[71] EPOCAL INC, CA
[85] 2003-12-02
[86] 2002-06-04 (CA2002000826)
[87] 2002-12-12 (2002098554)
[30] US (09/871,821) 2001-06-04

[21] **2,449,391**
[13] A1

[51] **Int.Cl. 7A47L 13/46**

[25] EN
[54] **FIXING FOR A COVER ON A SUPPORT**

[54] **FIXATION POUR UN REVETEMENT SUR UN SUPPORT**
[72] KOHLRUSS, GREGOR, DE
[72] GRIEBE, OLIVER, DE
[72] WIESNER, HUBERT, DE
[71] KOHLRUSS, GREGOR, DE
[71] GRIEBE, OLIVER, DE
[71] WIESNER, HUBERT, DE
[85] 2003-12-02
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[87] 2002-12-12 (2002098270)
[30] DE (201 09 270.0) 2001-06-02

[21] **2,449,394**
[13] A1

[51] **Int.Cl. 7H04M 1/18 7H05K 5/06 7G06F 1/16**

[25] EN
[54] **PROTECTIVE SEALABLE TRANSPARENT FLEXIBLE MEMBRANE FOR ELECTRONIC TOUCH SCREENS**
[54] **MEMBRANE PROTECTRICE ETANCHE, TRANSPARENTE ET SOUPLE POUR ECRANS TACTILES ELECTRONIQUE**

[72] PETERSON, CURT E., US
[72] HOAGLAND, MARY M., US
[72] FLAVIN, FRANK J., US
[72] CLEEREMAN, ROBERT J., US
[72] HUS, MICHAEL E., US
[72] WENZEL, JEFFREY D., US
[72] LANGMAID, JOSEPH A., US
[71] DOW GLOBAL TECHNOLOGIES INC., US
[85] 2003-12-02
[86] 2002-06-04 (US2002017728)
[87] 2003-01-03 (2003001776)
[30] US (60/300,280) 2001-06-22

[21] **2,449,396**
[13] A1

[51] **Int.Cl. 7B29C 45/67**
[25] EN
[54] **PRESS FOR THE INJECTION-MOULDING OF PLASTIC MATERIALS AND/OR NON-FERROUS ALLOYS**
[54] **PRESSE A INJECTION POUR MOULER DES MATERIAUX EN PLASTIQUE ET/OU EN ALLIAGES NON-FERREUX**

[72] MENDEZ, HECTOR AUGUSTO, AR
[71] SUCCESSFUL BUILDERS LTD., GB
[85] 2003-12-02
[86] 2002-06-06 (EP2002006312)
[87] 2002-12-12 (2002098627)
[30] IT (MI2001A001199) 2001-06-07

[21] **2,449,397**
[13] A1

[51] **Int.Cl. 7A61M 15/00**
[25] EN
[54] **UNIT DOSAGE POWDER CONTAINER**

[54] **RECIPIENT POUR POUDRE EN DOSE UNITAIRE**
[72] BRAITHWAITE, PHILIP, GB
[71] INNOVATA BIOMED LIMITED, GB
[85] 2003-12-02
[86] 2002-06-05 (GB2002002301)
[87] 2002-12-12 (2002098495)
[30] GB (0113881.7) 2001-06-07

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[21] **2,449,398**
[13] A1

[51] **Int.Cl. 7E01C 19/22 7E01C 19/18**
[25] EN
[54] **ROADWAY PAVING SYSTEM AND METHOD INCLUDING ROADWAY PAVING VEHICLE AND SUPPLY TRUCK**
[54] **SYSTEME D'ASPHALTAGE ET PROCEDE INCLUANT UN VEHICULE D'ASPHALTAGE ET UN CAMION D'APPROVISIONNEMENT**
[72] DABBS, HAROLD, US
[72] HELLER, JEREMY, US
[72] O'BRIEN, PATRICK C., US
[72] BARNAT, JAMES J., US
[72] HANNEBAUM, TYRONE, US
[72] BROWN, THOMAS R., US
[71] E.D. ETNYRE & CO., US
[71] KMC ENTERPRISES, INC., US
[85] 2003-12-03
[86] 2002-05-28 (US2002016669)
[87] 2002-12-12 (2002099198)
[30] US (09/873,800) 2001-06-04

[21] **2,449,399**
[13] A1

[51] **Int.Cl. 7E05B 47/00 7E05B 19/00 7A61J 7/00 7E05B 65/46**
[25] EN
[54] **DISPENSING METHOD USING WIRELESS COUPLING**
[54] **PROCEDE DE DISTRIBUTION A COUPLAGE RADIO**
[72] MASE, JOSEPH C., US
[71] BAXTER INTERNATIONAL INC., US
[85] 2003-12-03
[86] 2002-06-03 (US2002021239)
[87] 2002-12-12 (2002099231)
[30] US (09/874,755) 2001-06-05

[21] **2,449,401**
[13] A1

[51] **Int.Cl. 7G01N 21/00 7G01J 4/00 7G01N 33/48**
[25] EN
[54] **OPTICAL RED AND WHITE BLOOD CELL DIFFERENTIATION**
[54] **PROCEDE OPTIQUE ET APPAREIL DE DIFFERENCIATION DE GLOBULES ROUGES CELLULE PAR CELLULE, ET ANALYSE SIMULTANEE DE LA DIFFERENCIATION DE GLOBULES BLANCHES**
[72] VAN'T OEVER, RONNY, NL
[72] LANDAYAN, MARILOU Z., US
[72] BEARDEN, JAMES C., JR., US
[72] KIM, YOUNG R., US
[71] ABBOTT LABORATORIES, US
[85] 2003-12-03
[86] 2002-05-31 (US2002017053)
[87] 2002-12-12 (2002099380)
[30] US (09/874,493) 2001-06-05

[21] **2,449,402**
[13] A1

[51] **Int.Cl. 7A61K 31/472 7A61P 29/00 7C07D 413/06 7C07D 413/14 7C07D 217/16 7A61K 31/4725**
[25] EN
[54] **SUBSTITUTED TETRAHYDROISOQUINOLINES FOR USE IN THE TREATMENT OF INFLAMMATORY DISEASES**
[54] **TETRAHYDROISOQUINOLINES SUBSTITUEES DESTINEES AU TRAITEMENT DES MALADIES INFLAMMATOIRES**
[72] HARRIS, NEIL VICTOR, GB
[72] FENTON, GARRY, GB
[71] AVENTIS PHARMA LIMITED, GB
[85] 2003-12-02
[86] 2002-06-05 (GB2002002517)
[87] 2002-12-12 (2002098426)
[30] GB (0113708.2) 2001-06-06
[30] US (60/311,502) 2001-08-10

[21] **2,449,404**
[13] A1

[51] **Int.Cl. 7G01N 15/08**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING THE ACCESSIBILITY OF POROUS MATERIALS WITH REGARD TO LARGE COMPOUNDS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE MESURER L'ACCESSIBILITE DE MATERIAUX POREUX POUR DE GRANDS COMPOSES**
[72] O'CONNOR, PAUL, NL
[72] WIJNGAARDS, HENDRIKUS NICOLAAS JOHANNES, NL
[72] JONKER, ROBERT JAN, NL
[71] AKZO NOBEL, N.V., NL
[85] 2003-12-03
[86] 2002-05-16 (EP2002005383)
[87] 2002-12-12 (2002099392)
[30] EP (01202147.3) 2001-06-05

[21] **2,449,406**
[13] A1

[51] **Int.Cl. 7G01N 31/10 7C10G 11/18 7B01J 8/24**
[25] EN
[54] **PROCESS FOR SMALL-SCALE TESTING OF FCC CATALYSTS**
[54] **ESSAI A ECHELLE REDUITE DE CATALYSEURS POUR CRAQUAGE CATALYTIQUE FLUIDE**
[72] BREVOORD, EELKO, NL
[72] BAAS, MARTINUS JOHANNES MARIA, NL
[72] BERENDS, EDWIN MARK, NL
[72] O'CONNOR, PAUL, NL
[71] AKZO NOBEL, N.V., NL
[85] 2003-12-03
[86] 2002-05-16 (EP2002005385)
[87] 2002-12-12 (2002099415)
[30] EP (01202148.1) 2001-06-05

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[21] **2,449,407**
[13] A1

[51] **Int.Cl. 7B01D 3/22 7B01D 3/32**
[25] EN
[54] **CONTACT TRAY HAVING SUPPORTED DOWNCOMERS AND METHODS INVOLVING SAME**
[54] **PLATEAU DE CONTACT POURVU DE DEVERSOIRS ET PROCEDES CORRESPONDANTS**
[72] ATTURA, ALESSANDRO, US
[72] GAGE, GARY W., US
[72] COLIC, VEADA P., US
[71] KOCH-GLITSCH, LP, US
[85] 2003-12-01
[86] 2002-06-18 (US2002019395)
[87] 2002-12-27 (2002102488)
[30] US (60/298,962) 2001-06-18
[30] US (10/172,914) 2002-06-17

[21] **2,449,408**
[13] A1

[51] **Int.Cl. 7B23K 35/30**
[25] EN
[54] **BRAZING MATERIAL AND BRAZED PRODUCT MANUFACTURED THEREWITH**
[54] **PRODUIT D'APPORT DE BRASAGE FORT ET PRODUIT BRASE AINSI ELABORE**
[72] SJOEDIN, PER ERIK, SE
[71] ALFA LAVAL CORPORATE AB, SE
[85] 2003-12-02
[86] 2002-06-03 (SE2002001047)
[87] 2002-12-12 (2002098600)
[30] SE (0102010.6) 2001-06-05

[21] **2,449,409**
[13] A1

[51] **Int.Cl. 7G01N 33/58 7C09B 15/00 7C12Q 1/26 7G01N 33/50 7G01N 33/53 7G01N 33/542**
[25] EN
[54] **QUINACRIDONE LABELLING REAGENTS FOR FLUORESCENCE DETECTION OF BIOLOGICAL MATERIALS**
[54] **DERIVES DE QUINACRIDONE UTILISES COMME REACTIFS DE MARQUAGE POUR LA DETECTION PAR FLUORESCENCE DE MATIERES VIVANTES**
[72] SMITH, JOHN ANTHONY, GB
[71] AMERSHAM BIOSCIENCES UK LIMITED, GB
[85] 2003-12-03
[86] 2002-05-30 (GB2002002537)
[87] 2002-12-12 (2002099432)
[30] GB (0113434.5) 2001-06-04

[21] **2,449,410**
[13] A1

[51] **Int.Cl. 7H04S 3/00**
[25] EN
[54] **SOUND SYSTEM AND METHOD OF SOUND REPRODUCTION**
[54] **SYSTEME SONORE ET PROCEDE DE REPRODUCTION SONORE**
[72] FINCHAM, LAWRENCE R., US
[71] THX LTD., US
[85] 2003-12-02
[86] 2002-02-08 (US2002003880)
[87] 2002-08-22 (2002065815)
[30] US (60/267,952) 2001-02-09
[30] US (10/041,708) 2002-01-08

[21] **2,449,415**
[13] A1

[51] **Int.Cl. 7A01N 43/40 7A61F 13/00 7A61K 9/14 7A61K 31/44**
[25] EN
[54] **INTRAORAL DELIVERY OF NICOTINE FOR SMOKING CESSATION**
[54] **DISTRIBUTION INTRABUCALE DE NICOTINE DESTINEE A ARRETER DE FUMER**
[72] LIANG, ALFRED, US
[72] CHEN, LI-LAN H., US
[71] LAVIPHARM LABORATORIES INC., US
[85] 2003-12-02
[86] 2002-04-18 (US2002012135)
[87] 2002-10-31 (2002085119)
[30] US (60/285,404) 2001-04-20

[21] **2,449,416**
[13] A1

[51] **Int.Cl. 7B65D 25/10 7B65D 21/02**
[25] EN
[54] **IMPROVED CONTAINER AND LID ASSEMBLY**
[54] **ENSEMBLE AMELIORE DE RECIPIENT ET COUVERCLE PLASTIQUES**
[72] STANCA, NICK E., US
[72] SPIRK, JOHN W., US
[72] NOTTINGHAM, JOHN R., US
[72] PANASEWICZ, DALE A., US
[72] FUTO, DENNIS M., US
[72] IREDELL, ROBERT IV, US
[71] NOTTINGHAM-SPIRK PARTNERS, LLC, US
[85] 2003-12-02
[86] 2002-04-18 (US2002012494)
[87] 2002-10-31 (2002085713)
[30] US (60/284,476) 2001-04-18
[30] US (60/292,364) 2001-05-21

[21] **2,449,423**
[13] A1

[51] **Int.Cl. 7G11B 7/00**
[25] EN
[54] **LIMITED PLAY OPTICAL DEVICES WITH INTERSTITIAL REACTIVE LAYER AND METHODS OF MAKING SAME**
[54] **DISPOSITIFS OPTIQUES A DUREE DE LECTURE LIMITEE AVEC COUCHE REACTIVE INTERSTITIELLE ET LEURS PROCEDES DE FABRICATION**
[72] PAULUS, JOE, US
[72] LEBLANC, ATHUR R., III, US
[72] TAKIFF, LARRY, US
[72] EXTER, NEIL, US
[72] BAKOS, YANNIS, US
[72] THOMPSON, ROBERT F., US
[72] MINNS, RICHARD A., US
[71] FLEXPLAY TECHNOLOGIES, INC., US
[85] 2003-12-03
[86] 2002-06-05 (US2002017906)
[87] 2002-12-12 (2002099470)
[30] US (60/295,903) 2001-06-05

[21] **2,449,426**
[13] A1

[51] **Int.Cl. 7A01N 61/00 7A61K 31/00 7A61K 38/00 7A01N 37/18 7A61K 38/28**
[25] EN
[54] **MIXTURES OF INSULIN DRUG-OLIGOMER CONJUGATES COMPRISING POLYALKYLENE GLYCOL, USES THEREOF, AND METHODS OF MAKING SAME**
[54] **MELANGES DE CONJUGUES DE MEDICAMENT A BASE D'INSULINE ET D'OLIGOMERE COMPRENANT DU POLYALKYLENE GLYCOL, ET UTILISATIONS ET PROCEDES DE PREPARATION DE CEUX-CI**
[72] ODENBAUGH, AMY L., US
[72] EKWURIBE, NNOCHIRI N., US
[72] PRICE, CHRISTOPHER H., US
[72] RADHAKRISHNAN, BALASINGAM, US
[72] ANSARI, ASLAM M., US
[71] NOBEX CORPORATION, US
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[87] 2002-12-12 (2002098232)
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[54] **COMPLETE INTEGRATED SELF-CHECKOUT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE INTEGRE COMPLET DE CAISSE AUTOMATIQUE DE LIBRE-SERVICE**
[72] LOOF, PER OLOF, US
[71] SENSORMATIC ELECTRONICS CORPORATION, US
[85] 2003-12-03
[86] 2002-05-31 (US2002017535)
[87] 2002-12-12 (2002099767)
[30] US (09/875,483) 2001-06-06

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[54] **OPTICAL DATA STORAGE MEDIUM AND USE OF SUCH A MEDIUM**
[54] **SUPPORT OPTIQUE DE STOCKAGE DE DONNEES ET UTILISATION DE CE SUPPORT**
[72] VAN WOUDEBERG, ROEL, NL
[72] WILTING, HERMANUS J. H., NL
[72] VAN DEN BROEK, JAN J., NL
[72] RIJPERS, JOHANNES C. N., NL
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
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[51] **Int.Cl. 7C08K 3/34**
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[54] **NANOCOMPOSITES FAIBLEMENT PERMEABLES**
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[72] TSOU, ANDY HAISHUNG, US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
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[86] 2002-05-29 (US2002016794)
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[30] US (60/296,873) 2001-06-08

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[54] **SURGICAL CLIP**
[54] **AGRAFE CHIRURGICALE**
[72] BALES, THOMAS O., US
[72] KORTENBACH, JUERGEN A., US
[72] SIXTO, ROBERT JR., US
[71] INSCOPE DEVELOPMENT, LLC, US
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[30] US (09/891,775) 2001-06-25

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[51] **Int.Cl. 7C07F 7/00 7C07D 333/76**
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[54] **FLUOROUS TRIPHASE AND OTHER MULTIPHASE SYSTEMS**
[54] **SYSTEMES TRIPHASES FLUORITQUES ET AUTRES SYSTEMES MULTIPHASES**
[72] CURRAN, DENNIS P., US
[72] SUN, LIFANG, US
[72] RYU, ILHYONG, JP
[72] MATSUBARA, HIROSHI, JP
[72] NAKAMURA, HIROYUKI, JP
[72] WEBER, STEPHEN G., US
[72] LINCLAU, BRUNO, GB
[71] UNIVERSITY OF PITTSBURGH, US
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[51] **Int.Cl. 7G09F 3/02**
[25] EN
[54] **SELF-LAMINATING STRIP LABEL AND METHOD FOR ASSEMBLING SAME**
[54] **BANDE-ETIQUETTE AUTO-LAMINEE ET PROCEDE D'ASSEMBLAGE CORRESPONDANT**
[72] RILEY, JAMES M., US
[71] LASER BAND, LLC, US
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[86] 2002-06-19 (US2002019473)
[87] 2003-01-09 (2003003331)
[30] US (09/897,759) 2001-06-29

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[25] EN
[54] **METHODS FOR PROMOTION OF HAIR GROWTH COMPRISING TOPICAL APPLICATION OF PROSTAGLANDIN ANALOGUES**
[54] **ANALOGUES DE PROSTAGLANDINE DESTINES A FAVORISER LA CROISSANCE DES CHEVEUX**
[72] BERGAMINI, MICHAEL V. W., US
[72] CAGLE, GERALD D., US
[71] ALCON, INC., CH
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[87] 2003-02-06 (2003009820)
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[54] **LOW COST COMBUSTOR BURNER COLLAR**
[54] **BAGUE DE BRULEUR DE CHAMBRE DE COMBUSTION A FAIBLE COUT**
[72] STASTNY, JAN HONZA, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[87] 2002-12-12 (2002099337)
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[25] EN
[54] **SEGMENTED TURBINE VANE SUPPORT STRUCTURE**
[54] **STRUCTURE SUPPORT D'AUBES SEGMENTEES DE TURBINES**
[72] ROGERS, MARK, US
[71] PRATT & WHITNEY CANADA CORP., CA
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[87] 2003-01-03 (2003001036)
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[25] EN
[54] **METHODS OF USING SOLUBLE EPOXIDE HYDROLASE INHIBITORS**
[54] **PROCEDE D'UTILISATION D'INHIBITEURS D'HYDROLASE EPOXYDE SOLUBLES**
[72] PROUDFOOT, JOHN R., US
[72] INGRAHAM, RICHARD H., US
[71] BOEHRINGER INGELHEIM PHARMACEUTICALS, INC., US
[85] 2003-12-02
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[87] 2003-01-09 (2003002555)
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[25] EN
[54] **BOTTLE CAP**
[54] **SYSTEME DE FERMETURE DE BOUTEILLE**
[72] LUCH, DANIEL, US
[72] KIM, SUNGSUK S., US
[71] PORTOLA PACKAGING, INC., US
[85] 2003-12-02
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[51] **Int.Cl. 7C04B 35/10**
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[54] **METHOD FOR MAKING PRODUCT FROM FIBER GLASS WASTE**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT A PARTIR DE DECHETS DE FIBRES DE VERRE**
[72] HAUN, MICHAEL, J., US
[71] HAUN, MICHAEL, J., US
[85] 2003-12-02
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[87] 2003-01-09 (2003002480)
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[25] EN
[54] **A METHOD OF COMBUSTOR CYCLE AIRFLOW ADJUSTMENT**
[54] **PROCEDE DE REGLAGE DU DEBIT D'AIR DU CYCLE D'UNE CHAMBRE DE COMBUSTION**
[72] STUTTAFORD, PETER J., US
[72] KOJOVIC, ALEKSANDAR, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[85] 2003-11-19
[86] 2002-07-08 (CA2002001035)
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[30] US (09/903,641) 2001-07-13

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[25] EN
[54] **PREMIXING CHAMBER FOR TURBINE COMBUSTOR**
[54] **CHAMBRE DE PREMELANGE POUR DISPOSITIF COMBUSTOR DE TURBINE**
[72] KOJOVIC, ALEKSANDAR, CA
[72] STUTTAFORD, PETER J., US
[71] PRATT & WHITNEY CANADA CORP., CA
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[54] **METHOD FOR CASHLESS GAMING**
[54] **PROCEDE DE JEU SANS ESPECES**
[72] PAULSEN, CRAIG A., US
[72] NGUYEN, BINH T., US
[71] IGT, US
[85] 2003-12-02
[86] 2002-06-26 (US2002020419)
[87] 2003-01-09 (2003002222)
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[54] **GAS-LIQUID PREMIXER**
[54] **PREMELANGEUR GAZ-LIQUIDE**
[72] TANG, WEI, CA
[72] OIKAWA, STEPHEN O., CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[86] 2002-07-08 (CA2002001038)
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[25] EN
[54] **CYCLONE COMBUSTOR**
[54] **FOUR CYCLONIQUE**
[72] KOJOVIC, ALEKSANDAR, CA
[72] STUTTAFORD, PETER J., US
[71] PRATT & WHITNEY CANADA CORP., CA
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[87] 2003-01-23 (2003006888)
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[25] EN
[54] **HOMOGENISED PRODUCT FOR IMPLANTS AND MICROPARTICLES**
[54] **HOMOGENEISAT POUR IMPLANTS ET MICROPARTICULES**
[72] FREUDENSPRUNG, BRIGITTE, DE
[72] SCHUTZ, GREGOR, DE
[71] HEXAL AG, DE
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[87] 2002-11-28 (2002094226)
[30] DE (101 25 509.8) 2001-05-23
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[25] EN
[54] **IMPROVED AMMONIA PLANT CONFIGURATIONS AND METHODS**
[54] **AMELIORATION DE CONFIGURATIONS D'UNE INSTALLATION D'AMMONIAC ET PROCEDES CORRESPONDANTS**
[72] VYAS, SUNIL, US
[72] BHAKTA, MUKUND, US
[72] REDDY, SATISH, US
[71] FLUOR CORPORATION, US
[85] 2003-12-02
[86] 2002-06-27 (US2002020508)
[87] 2003-01-09 (2003002459)
[30] US (60/302,055) 2001-06-28

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[25] EN
[54] **IMPACT DOWNHOLE TOOL**
[54] **OUTIL DE FOND**
[72] SUSMAN, HECTOR FILLIPUS
ALEXANDER VAN DRENTHA, GB
[71] ROTECH HOLDINGS LIMITED, GB
[85] 2003-11-19
[86] 2002-05-20 (GB2002002381)
[87] 2002-11-28 (2002095180)
[30] GB (0112261.3) 2001-05-19

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[51] **Int.Cl. 7G01N 25/72**
[25] EN
[54] **AN APPARATUS AND METHOD FOR PROVIDING SNAPSHOT ACTION THERMAL INFRARED IMAGING WITHIN AUTOMATED PROCESS CONTROL ARTICLE INSPECTION APPLICATIONS**
[54] **APPAREIL ET PROCEDE D'IMAGERIE INFRAROUGE THERMIQUE INSTANTANEE UTILISES DANS DES APPLICATIONS AUTOMATISEES DE CONTROLE D'ARTICLES ET DE COMMANDE DE PROCESSUS**
[72] CECH, STEVEN D., US
[72] COCHRAN, DON W., US
[71] PRESSCO TECHNOLOGY, INC., US
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[87] 2002-11-28 (2002095382)
[30] US (60/292,421) 2001-05-21

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[54] **ELECTROLZSIS CELL FOR RESTORING THE CONCENTRATION OF METAL IONS IN ELECTROPLATING PROCESSES**
[54] **CELLULE D'ELECTROLYSE POUR RESTAURER LA CONCENTRATION D'IONS METALLIQUES DANS DES PROCEDES DE GALVANOPLASTIE**
[72] ROSSI, PAOLO, IT
[72] NEVOSI, ULDERICO, IT
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[54] **INTERLABIAL PAD HAVING A TAB**
[54] **TAMPON LABIAL DOTE D'UNE LANGUETTE**
[72] EDENS, RONALD L., US
[72] HLABAN, JAMES JOHN, US
[72] KEELY, LAURA JAY, US
[72] NUNN, STEPHEN LANNARD, US
[72] REEVES, WILLIAM GROVER, US
[72] WEYENBERG, SUSAN MARIE, US
[72] SOREBO, HEATHER A., US
[72] LITTLE, SYLVIA BANDY, US
[72] KEENAN, THOMAS PATRICK, US
[72] MCDANIEL, MARY LOU, US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
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[86] 2002-06-05 (US2002018264)
[87] 2002-12-19 (2002100311)
[30] US (60/297,001) 2001-06-08
[30] US (10/036,981) 2001-12-31
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[54] **INTERLABIAL PAD**
[54] **TAMPON VESTIBULAIRE**
[72] SOREBO, HEATHER A., US
[72] WEYENBERG, SUSAN MARIE, US
[72] HLABAN, JAMES JOHN, US
[72] EDENS, RONALD L., US
[72] REEVES, WILLIAM GROVER, US
[72] KEELY, LAURA JAY, US
[72] KEENAN, THOMAS PATRICK, US
[72] NUNN, STEPHEN LANARD, US
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[87] 2002-12-19 (2002100312)
[30] US (60/297,002) 2001-06-08
[30] US (10/037,276) 2001-12-31

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[25] EN
[54] **PRIME RING SUBSTITUTED THYROID RECEPTOR ANTAGONISTS FOR THE TREATMENT OF CARDIAC AND METABOLIC DISORDERS**
[54] **ANTAGONISTES PRINCIPALES DU RECEPTEUR DE LA THYROIDE DE SUBSTITUTION DESTINES AU TRAITEMENT DE TROUBLES CARDIAQUES OU METABOLIQUES**
[72] SANIN, ANDREI, SE
[72] GORDON, SANDRA, SE
[72] KOEHLER, KONRAD, SE
[72] BRANDT, PETER, SE
[72] MALM, JOHAN, SE
[72] EDVINSSON, KARIN, SE
[71] KARO BIO AB, SE
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[86] 2002-08-13 (EP2002009120)
[87] 2003-03-06 (2003018515)
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[30] GB (0207719.6) 2002-04-03

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[54] **LIGHT WINDOW LIFTER FOR VEHICLES**
[54] **LEVE-VITRE LEGER POUR VEHICULES**
[72] MARTINEZ MORAL, FRANCISCO JAVIER, ES
[72] SANTAOLALLA GIL, JOAQUIN, ES
[71] GRUPO ANTOLIN-INGENIERIA, S.A., ES
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[86] 2002-04-03 (ES2002000164)
[87] 2003-10-09 (2003083240)

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[51] **Int.Cl. 7A61K 9/26**
[25] EN
[54] **CONTROLLED RELEASE DOSAGE FORMS USING ACRYLIC POLYMER, AND PROCESS FOR MAKING THE SAME**
[54] **FORMES POSOLOGIQUES A LIBERATION CONTROLEE UTILISANT UN POLYMERE ACRYLIQUE, ET LEUR PROCEDE D'OBTENTION**
[72] CHENG, SOU-CHAN, US
[72] JIM, FAI, US
[72] ZENG, YADI, US
[72] KAO, HUI-HUNG, US
[71] ENDO PHARMACEUTICALS, INC., US
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[86] 2002-06-07 (US2002018088)
[87] 2002-12-19 (2002100382)
[30] US (60/297,150) 2001-06-08

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[13] A1

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[25] EN
[54] **SWALLOW TABLET COMPRISING PARACETAMOL**
[54] **COMPRIME A AVALER RENFERMANT DU PARACETAMOL**
[72] GRATTAN, TIMOTHY JAMES, GB
[71] SMITHKLINE BEECHAM PLC, GB
[85] 2003-12-03
[86] 2002-06-03 (EP2002006046)
[87] 2002-12-19 (2002100391)
[30] GB (0114069.8) 2001-06-08

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[25] EN
[54] **PHARMACEUTICAL FORMULATION, ITS USE, AND METHOD FOR ITS MANUFACTURE**
[54] **FORMULATION PHARMACEUTIQUE A BASE D'UN EXTRAIT SEC DE PLANTE, MUNI D'UN ENROBAGE CALCIUM**
[72] POPP, MICHAEL A., DE
[71] BIONORICA AG, DE
[85] 2003-12-03
[86] 2002-04-10 (EP2002004002)
[87] 2002-12-19 (2002100422)
[30] DE (101 27 897.7) 2001-06-08

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[13] A1

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[25] EN
[54] **APPARATUS AND METHOD FOR DELIVERY OF PACKETS IN MULTI-HOP WIRELESS NETWORKS**
[54] **APPAREIL ET PROCEDE POUR LA FOURNITURE DE PAQUETS DANS DES RESEAUX SANS FIL A MULTIPLES BONDS**
[72] KRISHNAMURTHI, GOVINDARAJAN, US
[72] GUO, YILE, US
[71] NOKIA, INC., US
[85] 2003-12-02
[86] 2002-06-26 (IB2002002432)
[87] 2003-01-16 (2003005629)
[30] US (09/895,785) 2001-06-30

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[51] **Int.Cl. 7A21C 3/02**
[25] EN
[54] **A METHOD AND AN APPARATUS FOR SHAPING A DOUGH PIECE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE FACONNER UN PATON**
[72] UENO, SADA0, JP
[72] MORIKAWA, MICHIO, JP
[71] RHEON AUTOMATIC MACHINERY CO. LTD., JP
[85] 2003-12-02
[86] 2003-02-21 (JP2003001904)
[87] 2003-10-09 (2003082017)
[30] JP (NO. 2002-100275) 2002-04-02

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[25] EN
[54] **METHODS, SYSTEMS, AND DEVICES FOR PROVIDING EMBOLIC PROTECTION AND REMOVING EMBOLIC MATERIAL**
[54] **METHODES, SYSTEMES ET DISPOSITIFS DE PROTECTION CONTRE L'EMBOLIE ET D'ELIMINATION DE MATIERES EMBOLIQUES**
[72] LINDER, RICHARD J., US
[72] JOHNSON, STEVEN W., US
[72] EDMISTON, DARYL R., US
[71] RUBICON MEDICAL, INC., US
[85] 2003-12-02
[86] 2002-07-01 (US2002020795)
[87] 2003-01-16 (2003003927)
[30] US (60/302,417) 2001-07-02
[30] US (60/345,333) 2001-11-09
[30] US (60/341,092) 2001-12-12
[30] US (60/347,500) 2002-01-11
[30] US (10/186,255) 2002-06-28
[30] US (10/186,275) 2002-06-28
[30] US (10/186,292) 2002-06-28
[30] US (10/186,304) 2002-06-28

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[13] A1

[51] **Int.Cl. 7C11C 5/00**
[25] EN
[54] **VEGETABLE FAT-BASED CANDLES**
[54] **BOUGIES A BASE D'HUILES VEGETALES**
[72] SLEETER, RON, US
[72] TIFFANY, TOM, US
[72] WIDLAK, NEIL, US
[71] ARCHER-DANIELS-MIDLAND COMPANY, US
[85] 2003-12-02
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[87] 2003-02-13 (2003012016)
[30] US (60/309,752) 2001-08-02

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[13] A1

[51] **Int.Cl. 7A61B 8/14**
[25] EN
[54] **TISSUE-RETAINING SYSTEM FOR ULTRASOUND MEDICAL TREATMENT**
[54] **SYSTEME DE MAINTIEN DE TISSU POUR TRAITEMENT MEDICAL ULTRASONORE**
[72] MAKIN, INDER RAJ S., US
[72] DUNKI-JACOBS, ROBERT J., US
[72] PELLEGRINO, RICHARD C., US
[71] ETHICON ENDO-SURGERY, INC., US
[85] 2003-11-27
[86] 2002-05-28 (US2002016698)
[87] 2002-12-05 (2002096506)
[30] US (60/294,135) 2001-05-29
[30] US (10/152,766) 2002-05-22

[21] **2,449,591**
[13] A1

[51] **Int.Cl. 7C12N 15/54 7C12N 9/10 7C12Q 1/68**
[25] EN
[54] **BRAIN EXPRESSED GENE AND PROTEIN ASSOCIATED WITH BIPOLAR DISORDER**
[54] **NOUVEAU GENE EXPRIME DU CERVEAU ET PROTEINE LIEE A UN TROUBLE BIPOLAIRE**
[72] VAN BROECKHOVEN, CHRISTINE, BE
[72] DEL-FAVERO, JURGEN PETER, LODI, BE
[71] JANSSEN PHARMACEUTICA N.V., BE
[85] 2003-12-03
[86] 2002-06-06 (EP2002006316)
[87] 2002-12-19 (2002101044)
[30] EP (01202214.1) 2001-06-11

[21] **2,449,649**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A01K 67/00 7A61K 48/00 7C12P 21/02 7C12Q 1/02 7C12N 5/10 7C07K 16/28 7A61K 39/395 7G01N 33/53 7C12Q 1/68 7C07K 14/705 7A61K 31/7088 7C12N 15/85**
[25] EN
[54] **A G-PROTEIN COUPLED RECEPTOR AND USES THEREFOR**
[54] **RECEPTEUR COUPLE A UNE PROTEINE G ET UTILISATIONS**
[72] PAULSEN, JANET ELIZABETH, US
[72] BATES, BRIAN GAITHER, US
[72] BLATCHER, MARIA, US
[71] WYETH COMPANY, US
[85] 2003-12-05
[86] 2002-05-30 (US2002016834)
[87] 2002-12-19 (2002101005)
[30] US (60/297,131) 2001-06-07

[21] **2,449,589**
[13] A1

[51] **Int.Cl. 7C12N 15/63 7C12N 5/10**
[25] EN
[54] **GENE TRANSFER INTO PRIMATE EMBRYONIC STEM CELLS USING VSV-G PSEUDO TYPE SIMIAN IMMUNODEFICIENCY VIRUS VECTOR**
[54] **TRANSFERT GENIQUE DANS DES CELLULES SOUCHES EMBRYONNAIRES DE PRIMATE A L'AIDE D'UN VIRUS DE L'IMMUNODEFICIENCE SIMIENNE DE PSEUDO TYPE VSV-G UTILISE COMME VECTEUR**
[72] KONDO, YASUSHI, JP
[72] SUZUKI, YUTAKA, JP
[72] UEDA, YASUJI, JP
[72] HANAZONO, YUTAKA, JP
[71] Dनावेक RESEARCH INC., JP
[71] TANABE SEIYAKU CO., LTD., JP
[85] 2003-12-04
[86] 2002-05-29 (JP2002005225)
[87] 2002-12-19 (2002101057)
[30] JP (2001-174696) 2001-06-08

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[51] **Int.Cl. 7C12N 15/12 7C07K 19/00 7C12P 21/02 7A01K 67/027 7A61K 38/17 7C07K 16/18 7C07K 14/435 7C07K 14/47 7G01N 33/53 7G01N 33/566**
[25] EN
[54] **NS4 NUCLEIC ACIDS AND POLYPEPTIDES AND METHODS OF USE FOR THE TREATMENT OF BODY WEIGHT DISORDERS**
[54] **ACIDES NUCLEIQUES ET POLYPEPTIDES NS4 ET METHODES D'UTILISATION SERVANT AU TRAITEMENT DE PROBLEMES DE POIDS**
[72] GODDARD, AUDREY, US
[72] PAN, JAMES, CA
[72] WOOD, WILLIAM I., US
[71] GENENTECH, INC., US
[85] 2003-12-03
[86] 2002-04-03 (US2002010513)
[87] 2002-12-19 (2002101069)
[30] US (09/880,457) 2001-06-12

[21] **2,449,651**
[13] A1

[51] **Int.Cl. 7C12N 15/56 7C12N 9/14 7C12P 7/18 7C12N 1/21**
[25] EN
[54] **SAPONIN-DIGESTING ENZYMES, GENES THEREOF AND SOYASAPOGENOL B MASS PRODUCTION SYSTEM**
[54] **ENZYMES DIGERANT LA SAPONINE, GENES DE CELLES-CI ET SYSTEME DE PRODUCTION EN MASSE DE SOYASAPOGENOL B**
[72] WATANABE, MANABU, JP
[72] MIDO, NAOKI, JP
[72] TAMURA, TAKAYOSHI, JP
[72] SUMIDA, NAOMI, JP
[72] YAGUCHI, TAKASHI, JP
[71] MEIJI SEIKA KAISHA, LTD., JP
[85] 2003-12-05
[86] 2002-06-06 (JP2002005615)
[87] 2002-12-19 (2002101053)
[30] JP (2001-171604) 2001-06-06

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[25] EN
[54] **USE OF RANK ANTAGONISTS TO**
TREAT CANCER
[54] **UTILISATION D'ANTAGONISTES**
RANK DANS LE TRAITEMENT DU
CANCER
[72] DOUGALL, WILLIAM C., US
[71] IMMUNEX CORPORATION, US
[85] 2003-12-05
[86] 2002-06-05 (US2002017789)
[87] 2002-12-12 (2002098362)
[30] US (60/296,670) 2001-06-06

[21] **2,449,663**
[13] A1
[51] **Int.Cl. 7A61K 39/42**
[25] EN
[54] **MUTANT FORMS OF CHOLERA**
HOLOTOXIN AS AN ADJUVANT
[54] **FORMES MUTANTES DE**
L'HOLOTOXINE DU CHOLERA EN
TANT QU'ADJUVANT
[72] GREEN, BRUCE A., US
[72] HOLMES, RANDALL K., US
[72] ZHU, DUZHANG, US
[72] JOBLING, MICHAEL G., US
[71] WYETH HOLDINGS
CORPORATION, US
[71] UNIVERSITY OF COLORADO, US
[85] 2003-12-05
[86] 2002-06-05 (US2002020978)
[87] 2002-12-12 (2002098368)
[30] US (60/296,537) 2001-06-07

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[13] A1
[51] **Int.Cl. 7A61K 39/42**
[25] EN
[54] **MUTANT FORMS OF CHOLERA**
HOLOTOXIN AS AN ADJUVANT
[54] **FORMES MUTANTES DE**
L'HOLOTOXINE DU CHOLERA
UTILISEES COMME ADJUVANT
[72] GREEN, BRUCE A., US
[72] HOLMES, RANDALL K., US
[72] JOBLING, MICHAEL G., US
[72] ZHU, DUZHANG, US
[71] WYETH HOLDINGS
CORPORATION, US
[71] GOVERNMENT OF THE UNITED
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[85] 2003-12-05
[86] 2002-06-05 (US2002021008)
[87] 2002-12-12 (2002098369)
[30] US (60/296,531) 2001-06-07

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[13] A1
[51] **Int.Cl. 7A61K 31/70 7A61K 38/00**
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[25] EN
[54] **CALCIUM PHOSPHATE**
DELIVERY VEHICLES FOR
OSTEOINDUCTIVE PROTEINS
[54] **VECTEURS D'APPORT DE**
PHOSPHATE DE CALCIUM POUR
PROTEINES OSTEOINDUCTRICES
[72] SEEHERMAN, HOWARD JOEL, US
[72] LI, REBECCA HUNG-MEI, US
[71] WYETH COMPANY, US
[85] 2003-11-28
[86] 2002-06-06 (US2002017798)
[87] 2002-12-19 (2002100331)
[30] US (60/296,818) 2001-06-08

[21] **2,449,715**
[13] A1
[51] **Int.Cl. 7C12N 15/31 7A61K 48/00**
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569 7G01N 33/58 7A61K 31/7088 7C12N
15/86
[25] EN
[54] **PEPTIDES FOR**
CHLAMYDOPHILA PNEUMONIAE
VACCINE AND DIAGNOSIS
[54] **PEPTIDES DESTINES AU**
DIAGNOSTIC DE CHLAMYDOPHILA
PNEUMONIAE ET AU VACCIN
CONTRE CHLAMYDOPHILA
PNEUMONIAE
[72] SAMPSON, JACQUELYN S., US
[72] CARLONE, GEORGE M., US
[72] ADES, EDWIN W., US
[72] MARSTON, ERIC L., US
[71] THE GOVERNMENT OF THE
UNITED STATES OF AMERICA AS
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THE DEPARTMENT OF HEALTH AND
HUMAN SERVICES, CENTERS FOR
DISEASE CONTROL AND PREVENTION,
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[85] 2003-12-04
[86] 2002-05-31 (US2002017278)
[87] 2002-12-12 (2002099039)
[30] US (60/296,496) 2001-06-05

[21] **2,449,719**
[13] A1
[51] **Int.Cl. 7B65G 15/42**
[25] EN
[54] **LINEAR CONVEYOR SYSTEM**
[54] **INSTALLATION DE**
MANUTENTION LINEAIRE
[72] MCCRACKIN, DANIEL CURTIS, CA
[72] HERTZ, ROGER BARRY, CA
[71] THERMO CRS LTD., CA
[85] 2003-12-01
[86] 2002-05-30 (CA2002000794)
[87] 2002-12-05 (2002096784)
[30] US (09/870,075) 2001-05-30

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[21] **2,449,721**
[13] A1

[51] **Int.Cl. 7A61B 17/22**
[25] EN
[54] **METHODS, SYSTEMS, AND DEVICES FOR DEPLOYING A FILTER FROM A FILTER DEVICE**
[54] **PROCEDES, SYSTEMES ET DISPOSITIFS DE DEPLOIEMENT D'UN FILTRE D'UN DISPOSITIF DE FILTRAGE**
[72] JOHNSON, STEVEN W., US
[72] EDMISTON, DARYL R., US
[72] LINDER, RICHARD J., US
[71] RUBICON MEDICAL, INC., US
[85] 2003-12-01
[86] 2002-07-01 (US2002020945)
[87] 2003-01-16 (2003004074)
[30] US (60/302,417) 2001-07-02
[30] US (60/345,333) 2001-11-09
[30] US (60/341,092) 2001-12-12
[30] US (60/347,500) 2002-01-11
[30] US (10/186,255) 2002-06-28
[30] US (10/186,275) 2002-06-28
[30] US (10/186,292) 2002-06-28
[30] US (10/186,304) 2002-06-28

[21] **2,449,730**
[13] A1

[51] **Int.Cl. 7B29C 47/86 7A23P 1/12 7A23J 3/26**
[25] EN
[54] **MULTI-CHANNEL COOLING DIE**
[54] **MATRICE DE REFROIDISSEMENT A PLUSIEURS CANAUX**
[72] HOWSAM, STUART, AU
[71] MARS, INC., US
[85] 2003-12-01
[86] 2002-07-05 (AU2002000899)
[87] 2003-01-16 (2003004251)
[30] AU (PR 6219) 2001-07-06

[21] **2,449,733**
[13] A1

[51] **Int.Cl. 7D06B 1/16 7D06B 3/02 7D06B 23/02**
[25] EN
[54] **METHOD AND DEVICE FOR TREATING A FIBER MASS**
[54] **PROCEDE ET DISPOSITIF POUR LE TRAITEMENT D'UNE MASSE FIBREUSE**
[72] ZIKELI, STEFAN, AT
[72] ECKER, FRIEDRICH, AT
[71] ZIMMER AKTIENGESELLSCHAFT, DE
[85] 2003-12-01
[86] 2002-04-18 (EP2002004316)
[87] 2003-01-16 (2003004750)
[30] DE (101 32 214.3) 2001-06-30

[21] **2,449,735**
[13] A1

[51] **Int.Cl. 7C04B 28/14 7C04B 24/26**
[25] EN
[54] **WAX EMULSION FORMULATION AND GYPSUM COMPOSITION CONTAINING SAME**
[54] **EMULSION DE CIRE ET COMPOSITION DE GYPSE LA RENFERMANT**
[72] SINNIGE, LAURENCE ANTHONY, CA
[71] WALKER INDUSTRIES HOLDINGS LIMITED, CA
[85] 2003-12-01
[86] 2002-06-03 (CA2002000812)
[87] 2002-12-12 (2002098816)
[30] US (60/295,011) 2001-06-04

[21] **2,449,737**
[13] A1

[51] **Int.Cl. 7B23K 11/25**
[25] EN
[54] **RESISTANCE WELDING FASTENER ELECTRODE**
[54] **ELECTRODE D'ELEMENTS DE FIXATION POUR SOUDAGE PAR RESISTANCE**
[72] CABANAWA, DANIEL MARTIN, CA
[71] DOBEN LIMITED, CA
[85] 2003-12-01
[86] 2002-06-12 (CA2002000857)
[87] 2003-01-23 (2003006199)
[30] US (09/902,378) 2001-07-10

[21] **2,449,739**
[13] A1

[51] **Int.Cl. 7H04L 9/00**
[25] EN
[54] **INTELLIGENT SECURE DATA MANIPULATION APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE MANIPULATION INTELLIGENTE DE DONNEES SECURISEES**
[72] CHUN, JON ANDRE, US
[72] HSU, STEPHEN DAO HUI, US
[72] HORMUZDIAR, JAMES NOSHIR, US
[71] SYMANTEC CORPORATION, US
[85] 2003-12-01
[86] 2002-05-29 (US2002016866)
[87] 2002-12-12 (2002100036)
[30] US (60/295,240) 2001-06-01
[30] US (09/956,730) 2001-09-19

[21] **2,449,750**
[13] A1

[51] **Int.Cl. 7A47J 37/12 7A23L 1/01**
[25] EN
[54] **METHOD OF PREPARING FRIED FOOD AND FRYING COOKER**
[54] **PROCEDE SERVANT A PREPARER DE LA NOURRITURE FRITE ET APPAREIL DE CUISINE A FRIRE**
[72] INUI, TOSHIYUKI, JP
[72] OKUMURA, AKIRA, JP
[72] NISHIDA, MINORU, JP
[71] THE NISSHIN OILLIO, LTD., JP
[71] NISSHIN PLANT ENGINEERING CO., LTD., JP
[85] 2003-12-01
[86] 2002-05-30 (JP2002005279)
[87] 2002-12-05 (2002096254)
[30] JP (2001-165762) 2001-05-31
[30] JP (PCT/JP01/10089) 2001-11-19

[21] **2,449,752**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 21/04 7C12P 19/34**
[25] EN
[54] **METHOD OF IDENTIFYING A POLYMORPHISM IN CYP2D6**
[54] **METHODE D'IDENTIFICATION D'UN POLYMORPHISME DANS CYP2D6**
[72] GUIDA, MARCO, US
[72] BENSON, LINDA, US
[72] HOPKINS, PENELOPE, US
[71] GENAISSANCE PHARMACEUTICALS, INC., US
[85] 2003-12-05
[86] 2002-06-05 (US2002017938)
[87] 2002-12-12 (2002099118)
[30] US (60/296,252) 2001-06-05

[21] **2,449,753**
[13] A1

[51] **Int.Cl. 7G06F 12/08**
[25] EN
[54] **SYSTEM AND METHOD FOR PROGRESSIVE AND HIERARCHICAL CACHING**
[54] **SYSTEME ET PROCEDE DE MISE EN MEMOIRE D'UNE MEMOIRE CACHE PROGRESSIVE ET HIERARCHIQUE**
[72] MARL, COYLE BRETT, US
[72] FRIEDMAN, GREGORY SCOTT, US
[71] VIAIR, INC., US
[85] 2003-12-01
[86] 2002-05-31 (US2002016951)
[87] 2002-12-12 (2002099651)
[30] US (09/872,753) 2001-06-01

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[21] **2,449,756**
[13] A1

[51] **Int.Cl. 7A63B 23/02**
[25] EN
[54] **RESTRAINT AND EXERCISE DEVICE**
[54] **DISPOSITIF DE SOLLICITATION ET D'EXERCICE**
[72] HOFFMAN, JONATHAN, US
[71] BACKPROJECT CORPORATION, US
[85] 2003-12-01
[86] 2002-05-31 (US2002017113)
[87] 2002-12-12 (2002098517)
[30] EP (01650069.6) 2001-06-01
[30] US (60/301,392) 2001-06-26
[30] IE (2001/0923) 2001-10-19
[30] US (60/330,423) 2001-10-22

[21] **2,449,758**
[13] A1

[51] **Int.Cl. 7B31B 19/90 7B29C 65/00 7B29C 65/08**
[25] EN
[54] **METHOD OF AND APPARATUS FOR PRODUCING PLASTIC BAGS**
[54] **PROCEDE ET APPAREIL DE PRODUCTION DE SACS EN PLASTIQUE**
[72] TURVEY, ROBERT R., US
[71] S. C. JOHNSON HOME STORAGE, INC., US
[85] 2003-12-01
[86] 2002-05-31 (US2002017137)
[87] 2002-12-12 (2002098642)
[30] US (09/872,378) 2001-06-01

[21] **2,449,770**
[13] A1

[51] **Int.Cl. 7A61K 31/452 7C07D 417/04**
[25] EN
[54] **NOVEL ANTI-INFECTIVES**
[54] **NOUVEAUX ANTI-INFECTIEUX**
[72] SHAW, ANTONY N., US
[72] CHAI, DEPING, US
[72] SARISKY, ROBERT T., US
[72] SHARP, MATTHEW J., US
[72] JOHNSTON, VICTOR K., US
[72] GATES, ADAM T., US
[72] DARCY, MICHAEL G., US
[72] FITCH, DUKE M., US
[72] TEDESCO, ROSANNA, US
[72] ZIMMERMAN, MICHAEL N., US
[72] WIGGALL, KENNETH J., US
[72] DUFFY, KEVIN J., US
[72] ERICKSON, GREG A., US
[72] DHANAK, DASHYANT, US
[71] SMITHKLINE BEECHAM CORPORATION, US
[85] 2003-12-05
[86] 2002-06-07 (US2002018491)
[87] 2002-12-12 (2002098424)
[30] US (60/296,712) 2001-06-07
[30] US (60/336,428) 2001-10-29

[21] **2,449,777**
[13] A1

[51] **Int.Cl. 7A01K 67/00**
[25] EN
[54] **ANIMAL MODEL FOR ALLERGY**
[54] **MODELE ANIMAL POUR ALLERGIE**
[72] SNIBSON, KENNETH JOHN, AU
[72] BISCHOF, ROBERT JUERGEN, AU
[72] MEEUSEN, ELZA NICOLE THERESIA, AU
[71] ALLERGENIX PTY LTD, AU
[85] 2003-12-04
[86] 2002-06-04 (AU2002000715)
[87] 2002-12-12 (2002098216)
[30] AU (PR 5444) 2001-06-04

[21] **2,449,778**
[13] A1

[51] **Int.Cl. 7C10M 169/04 7C10M 137/10 7C10M 133/12 7C10M 129/14 7C10M 145/14 7C10M 135/18 7C10M 105/38 7C10M 133/44**
[25] EN
[54] **HIGH TEMPERATURE LUBRICANT COMPOSITION**
[54] **COMPOSITION LUBRIFIANT A TEMPERATURE ELEVEE**
[72] HUTTER, JEFFREY A., US
[72] CARR, DALE D., US
[72] MCHENRY, MICHAEL A., US
[71] ROYAL LUBRICANTS, INC., US
[85] 2003-12-01
[86] 2002-05-31 (US2002017252)
[87] 2002-12-12 (2002099021)
[30] US (09/872,191) 2001-06-01

[21] **2,449,782**
[13] A1

[51] **Int.Cl. 7C12N 15/29 7C12Q 1/68 7C12N 15/82**
[25] EN
[54] **QTL CONTROLLING SCLEROTINIA STEM ROT RESISTANCE IN SOYBEAN**
[54] **LOCI QUANTITATIFS (QTL) CONTROLANT LA RESISTANCE A LA POURRITURE DE SCLEROTINIA DANS LE SOJA**
[72] WEBB, DAVID M., US
[72] SCHUH, WOLFGANG, US
[72] KATT, MARIA, US
[72] HAN, FENG, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2003-12-05
[86] 2002-06-07 (US2002018173)
[87] 2002-12-12 (2002099385)
[30] US (60/297,044) 2001-06-07

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[13] A1

[51] **Int.Cl. 7A61F 2/16**
[25] EN
[54] **MICROFABRICATED TISSUE AS A SUBSTRATE FOR PIGMENT EPITHELIUM TRANSPLANTATION**
[54] **TISSU MICROFABRIQUE UTILE EN TANT QUE SUBSTRAT POUR LA TRANSPLANTATION D'EPITHELIUM PIGMENTAIRE**
[72] PALANKER, DANIEL V., US
[72] HUIE, PHILIP JR., US
[72] BILBAO, KALAYAAN V., US
[72] FISHMAN, HARVEY A., US
[72] BLUMENKRANZ, MARK, US
[72] LEE, CHRISTINE, US
[72] BENT, STACY FRANCINE, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2003-12-01
[86] 2002-05-31 (US2002017363)
[87] 2002-12-12 (2002098357)
[30] US (09/872,513) 2001-06-01

[21] **2,449,785**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING RISK/RETURN MEASURES FOR SECURITIES LENDING PROGRAMS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR DES MESURES DE RISQUE/RENDEMENT DESTINEES A DES PROGRAMMES DE PLACEMENT DE VALEURS**
[72] ECONOMOU, PETER A., US
[72] FAY, SUSAN G., US
[72] VITALE, RALPH F., US
[72] HORNER, GLEN, US
[72] O'BRIEN, EDWARD J., US
[72] RADZIK, MARGARET M., US
[71] STATE STREET BANK AND TRUST COMPANY, US
[85] 2003-12-01
[86] 2002-05-31 (US2002017392)
[87] 2002-12-12 (2002099576)
[30] US (60/295,450) 2001-06-01

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[13] A1

[51] **Int.Cl. 7B41M 5/00**
[25] EN
[54] **DRY INK TRANSFER SYSTEM**
[54] **SYSTEME DE TRANSFERT D'ENCRE SECHE**
[72] RHEIN, RALPH, US
[71] COLOR ARTS, INC., US
[85] 2003-12-01
[86] 2002-05-28 (US2002016804)
[87] 2002-12-05 (2002096658)
[30] US (09/867,063) 2001-05-29

[21] **2,449,802**
[13] A1

[51] **Int.Cl. 7C12N 15/09 7C07K 19/00 7C07K 14/47 7C12Q 1/68**
[25] EN
[54] **POLYPEPTIDE UNSTABILIZING PROTEIN IN CELLS UNDER AEROBIC CONDITIONS AND DNA ENCODING THE SAME**
[54] **POLYPEPTIDE DESTABILISANT UNE PROTEINE DANS DES CELLULES DANS DES CONDITIONS AEROBIES ET ADN CODANT POUR CE POLYPEPTIDE**
[72] HARADA, HIROSHI, JP
[72] KONDOH, SHINAE, JP
[72] HIRAOKA, MASAHIRO, JP
[71] POLA CHEMICAL INDUSTRIES INC., JP
[71] KONDOH, SHINAE, JP
[71] HIRAOKA, MASAHIRO, JP
[85] 2003-12-04
[86] 2002-06-04 (JP2002005482)
[87] 2002-12-12 (2002099104)
[30] JP (2001-169948) 2001-06-05
[30] JP (2001-169949) 2001-06-05

[21] **2,449,810**
[13] A1

[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 9/02 7C12P 7/04 7A61K 31/045 7A23L 1/30 7C12N 15/53**
[25] EN
[54] **ANTHER-SPECIFIC TAA1 GENES ENCODING FATTY ACYL CO-A REDUCTASES, AND USES THEREOF**
[54] **GENES TAA1 SPECIFIQUES A L'ANTHERE CODANT POUR DES ACYL-COA REDUCTASES GRASSES ET UTILISATION ASSOCIEE**
[72] SELVARAJ, GOPALAN, CA
[72] WANG, AIMING, CA
[72] XIE, WENSHUANG, CA
[72] XIA, QUN, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[85] 2003-12-04
[86] 2002-06-07 (CA2002000834)
[87] 2002-12-12 (2002099111)
[30] US (60/296,159) 2001-06-07

[21] **2,449,873**
[13] A1

[51] **Int.Cl. 7A61K 47/48**
[25] EN
[54] **CELL PENETRATING THERAPEUTIC AGENTS**
[54] **AGENT THERAPEUTIQUE DE PENETRATION CELLULAIRE**
[72] SCHUTZE-REDELMEIER, MARIE-PAUL, CA
[72] BALLY, MARCEL B., CA
[72] CHIKH, GHANIA, CA
[71] CELATOR TECHNOLOGIES INC., CA
[85] 2003-12-05
[86] 2002-06-07 (CA2002000853)
[87] 2002-12-12 (2002098465)
[30] US (60/296,158) 2001-06-07

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[21] **2,449,875**
[13] A1

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[25] EN
[54] **ISOLATED HUMAN SECRETED PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND USES THEREOF**
[54] **PROTEINES SECRETEES HUMAINES ISOLEES, MOLECULES D'ACIDE NUCLEIQUE CODANT CES PROTEINES HUMAINES SECRETEES ET LEURS UTILISATIONS**
[72] LADUNGA, ISTVAN, US
[72] KETCHUM, KAREN, US
[72] CECCARDI, TONI, US
[71] APPLERA CORPORATION, US
[85] 2003-12-05
[86] 2002-07-02 (US2002020604)
[87] 2003-01-16 (2003004676)
[30] US (60/301,852) 2001-07-02
[30] US (10/185,770) 2002-07-01

[21] **2,449,885**
[13] A1

[51] **Int.Cl. 7C12N 9/02 7C12P 23/00 7C12P 7/02 7C12P 17/06 7C12N 9/10 7C12N 9/12 7C12N 1/20 7C12N 1/21 7C12N 15/53 7C12N 15/54 7C12N 15/60 7C12N 15/61 7C12N 9/88 7C12N 9/90**
[25] EN
[54] **IMPROVED ISOPRENOID PRODUCTION**
[54] **PRODUCTION AMELIOREE D'ISOPRENOIDES**
[72] YELISEEV, ALEXEI, US
[72] MAYER, ANNE FRANCOISE, CH
[72] BERRY, ALAN, CH
[72] LOPEZ-ULIBARRI, RUAL, CH
[72] HUABELIN, MARKUS, CH
[72] BRETZEL, WERNER, DE
[71] ROCHE VITAMINS AG, CH
[85] 2003-12-05
[86] 2002-06-05 (EP2002006171)
[87] 2002-12-12 (2002099095)
[30] US (60/296,299) 2001-06-06

[21] **2,449,890**
[13] A1

[51] **Int.Cl. 7C12N 15/62 7C07K 16/00 7C07K 19/00 7C12N 15/12 7C12N 15/13 7C07K 16/18 7C07K 14/47**
[25] EN
[54] **B7-RELATED NUCLEIC ACIDS AND POLYPEPTIDES USEFUL FOR IMMUNOMODULATION**
[54] **ACIDES NUCLEIQUES ET POLYPEPTIDES ASSOCIES A B7 UTILES POUR L'IMMUNOMODULATION**
[72] SHEN, HENRY, US
[72] MIKESSELL, GLEN E., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2003-12-05
[86] 2002-06-06 (US2002018049)
[87] 2002-12-12 (2002099119)
[30] US (09/875,338) 2001-06-06
[30] US (10/077,023) 2002-02-15

[21] **2,449,909**
[13] A1

[51] **Int.Cl. 7C12N 1/20 7A01K 67/00 7A61K 38/00 7C07K 1/00 7C12N 5/00 7C12N 15/00 7C07H 21/04**
[25] EN
[54] **MALE CONTRACEPTIVES**
[54] **CONTRACEPTIFS MASCULINS**
[72] CHENG, C. YAN, US
[71] THE POPULATION COUNCIL, INC., US
[85] 2003-12-04
[86] 2002-06-19 (US2002019413)
[87] 2002-12-27 (2002102996)
[30] US (60/299,313) 2001-06-19

[21] **2,449,920**
[13] A1

[51] **Int.Cl. 7A24F 47/00**
[25] EN
[54] **MODIFYING NICOTINE AND NITROSAMINE LEVELS IN TOBACCO**
[54] **MODIFICATION DES TAUX DE NICOTINE ET DE NITROSAMINE DANS LE TABAC**
[72] CONKLING, MARK A., US
[71] VECTOR TOBACCO LTD., BM
[85] 2003-12-08
[86] 2002-06-06 (US2002018040)
[87] 2002-12-19 (2002100199)
[30] US (60/297,154) 2001-06-08

[21] **2,449,934**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C07H 21/04 7A01N 43/04 7A61K 31/07**
[25] EN
[54] **TREATING PAIN BY TARGETING HYPERPOLARIZATION-ACTIVATED, CYCLIC NUCLEOTIDE-GATED CHANNELS**
[54] **TRAITEMENT DE LA DOULEUR PAR CIBLAGE DE CANAUX A PORTES NUCLEOTIDIQUES CYCLIQUES ET A ACTIVATION PAR HYPERPOLARISATION**
[72] CHAPLAN, SANDRA, US
[72] DUBIN, ADRIENNE, US
[72] LEE, DOO HYUN, US
[72] GUO, HONG-QING, US
[72] BROWN, SEAN, US
[72] LUO, LIN, US
[72] LIU, CHANGLU, US
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US
[85] 2003-12-08
[86] 2002-05-30 (US2002017553)
[87] 2002-12-19 (2002100328)
[30] US (60/297,108) 2001-06-08
[30] US (60/347,945) 2001-11-07
[30] US (60/373,012) 2002-04-16

[21] **2,449,979**
[13] A1

[51] **Int.Cl. 7C12N 5/06 7C12N 5/08**
[25] EN
[54] **A METHOD OF PURIFICATION OF CELLS**
[54] **METHODE DE PURIFICATION DE CELLULES**
[72] BARTLETT, PERRY FRANCIS, AU
[72] RIETZE, RODNEY LEE, AU
[71] THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH, AU
[85] 2003-12-08
[86] 2002-05-31 (AU2002000700)
[87] 2002-12-05 (2002097067)
[30] AU (PR 5403) 2001-06-01

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[13] A1

[51] **Int.Cl. 7C12N 5/08 7C12Q 1/00**
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7G01N 33/53

[25] EN
[54] **TYPE 1 DIABETES DIAGNOSTICS AND THERAPEUTICS**
[54] **METHODS DE DIAGNOSTIC ET DE TRAITEMENT DU DIABETE DE TYPE 1**

[72] VERCHERE, BRUCE C., CA
[72] TAN, RUSUNG, CA
[72] TRUDEAU, JACQUELINE, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA

[85] 2003-12-08
[86] 2002-06-25 (CA2002000975)
[87] 2003-01-03 (2003001204)
[30] US (60/299,754) 2001-06-22

[21] **2,450,020**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**

[25] EN
[54] **METHOD OF SELECTING DNA SEQUENCE WITH TRANSCRIPTION MODULATING ACTIVITY USING A VECTOR COMPRISING AN ELEMENT WITH A GENE TRANSCRIPTION REPRESSING ACTIVITY**
[54] **SEQUENCES D'ADN COMPRENANT DES QUALITES DE REGULATION DE LA TRANSCRIPTION GENIQUE ET METHODES DE DETECTION ET D'UTILISATION DE CES SEQUENCES D'ADN**

[72] OTTE, ARIE PIETER, NL
[72] KRUCKEBERG, ARTHUR LEO, SE
[71] CHROMAGENICS B.V., NL

[85] 2003-12-08
[86] 2002-06-14 (NL2002000390)
[87] 2003-01-16 (2003004704)
[30] EP (01202581.3) 2001-07-04
[30] US (60/303,199) 2001-07-05

[21] **2,450,022**
[13] A1

[51] **Int.Cl. 7C12N 15/09 7C12P 21/02**
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7C07K 14/47 7G01N 33/53 7C12Q 1/68

[25] EN
[54] **METHOD OF TESTING DRUG FOR TREATING OR PREVENTING DISEASES SUCH AS HYPERLIPEMIA**
[54] **PROCEDE DE TEST DE MEDICAMENT DESTINE A TRAITER OU A PREVENIR DES MALADIES TELLES QUE L'HYPERLIPEMIE**

[72] SHIMIZUGAWA, TETSUYA, JP
[72] YASUMO, HIROAKI, JP
[72] YOSHIDA, KENICHI, JP
[72] SHIMAMURA, MITSURU, JP
[72] ONO, MITSURU, JP
[72] KOISHI, RYUTA, JP
[72] FURUKAWA, HIDEHIKO, JP
[72] ANDO, YOSUKE, JP
[71] SANKYO COMPANY, LIMITED, JP

[85] 2003-12-08
[86] 2002-06-07 (JP2002005657)
[87] 2002-12-19 (2002101039)
[30] JP (2001-173758) 2001-06-08
[30] JP (2001-178548) 2001-06-13
[30] JP (2001-213334) 2001-07-13
[30] JP (2001-300715) 2001-09-28
[30] JP (2001-300716) 2001-09-28
[30] JP (2001-357037) 2001-11-22
[30] JP (2001-384103) 2001-12-18
[30] JP (2002-103583) 2002-04-05

[21] **2,450,033**
[13] A1

[51] **Int.Cl. 7A61K 31/404 7C07D 401/04**
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7C07D 209/08 7A61K 31/381
7A61K 31/437 7A61K 31/4402

[25] EN
[54] **HEPATITIS C VIRUS POLYMERASE INHIBITORS WITH HETEROBICYCLIC STRUCTURE**
[54] **INHIBITEURS DE POLYMERASE VIRALE**

[72] FAZAL, GULREZ, CA
[72] JOLICOEUR, ERIC, CA
[72] KUKOLJ, GEORGE, CA
[72] BEAULIEU, PIERRE LOUIS, CA
[72] GILLARD, JAMES, CA
[72] RANCOURT, JEAN, CA
[72] POUPART, MARC-ANDRE, CA
[71] BOEHRINGER INGELHEIM (CANADA) LTD., CA

[85] 2003-12-08
[86] 2002-07-18 (CA2002001127)
[87] 2003-02-06 (2003010140)
[30] US (60/307,674) 2001-07-25
[30] US (60/338,061) 2001-12-07

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[21] **2,450,067**
[13] A1

[51] **Int.Cl. 7A61K 38/00 7C07K 5/00 7C07K 14/00 7C07H 21/04 7C12P 21/06 7C12N 15/63**
[25] EN
[54] **PROTEINS ASSOCIATED WITH CELL GROWTH, DIFFERENTIATION, AND DEATH**
[54] **PROTEINES ASSOCIEES A LA CROISSANCE, LA DIFFERENCIATION ET LA MORT DE CELLULES**
[72] BELL, BARRIE D., US
[72] EMERLING, BROOKE M., US
[72] AU-YOUNG, JANICE K., US
[72] KHAN, FARRAH A., US
[72] TANG, Y., TOM, US
[72] FORSYTHE, IAN J., US
[72] YUE, HENRY, US
[72] LEE, SALLY, US
[72] LAL, PREETI G., US
[72] RAMKUMAR, JAYALAXMI, US
[72] GORVAD, ANN E., US
[72] ARVIZU, CHANDRA S., US
[72] LEE, ERNESTINE A., US
[72] LU, DYUNG AINA M., US
[72] ZEBARJADIAN, YEGANEH, US
[72] GRIFFIN, JENNIFER A., US
[72] HAFALIA, APRIL J. A., US
[72] SWARNAKAR, ANITA, US
[72] YANG, JUNMING, US
[72] ISON, CRAIG H., US
[72] BAUGHN, MARIAH R., US
[72] TRAN, UYEN K., US
[72] WARREN, BRIDGET A., US
[72] COLEMAN, ILSA M., US
[72] RICHARDSON, THOMAS W., US
[72] ELLIOTT, VICKI S., US
[71] INCYTE GENOMICS, INC., US
[85] 2003-12-09
[86] 2002-06-12 (US2002018834)
[87] 2002-12-27 (2002102310)
[30] US (60/298,617) 2001-06-15
[30] US (60/300,376) 2001-06-21
[30] US (60/301,873) 2001-06-29
[30] US (60/304,053) 2001-07-09
[30] US (60/305,361) 2001-07-13
[30] US (60/305,370) 2001-07-13
[30] US (60/305,330) 2001-07-13

[21] **2,450,113**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7C07K 16/18 7G01N 33/50 7G01N 33/53 7C12Q 1/68 7C07K 14/705**
[25] EN
[54] **VANILLOID RECEPTOR-RELATED NUCLEIC ACIDS AND POLYPEPTIDES**
[54] **POLYPEPTIDES ET ACIDES NUCLEIQUES APPARENTES AUX RECEPTEURS VANILLOIDES**
[72] MCINTYRE, PETER, GB
[72] SONG, CHUANZHENG, US
[72] PATAPOUTIAN, ARDEM, US
[72] PEIER, ANDREA, US
[72] GANJU, PAMPOSH, GB
[72] BEVAN, STUART, GB
[71] NOVARTIS AG, CH
[85] 2003-12-09
[86] 2002-06-13 (EP2002006520)
[87] 2002-12-19 (2002101045)
[30] US (60/297,835) 2001-06-13
[30] US (60/351,238) 2002-01-22
[30] US (60/352,914) 2002-01-29
[30] US (60/357,161) 2002-02-12
[30] US (60/381,086) 2002-05-15
[30] US (60/381,739) 2002-05-16

[21] **2,450,131**
[13] A1

[51] **Int.Cl. 7C07K 14/135**
[25] EN
[54] **RESPIRATORY SYNCYTIAL VIRUS**
[54] **VIRUS SYNCYTIAL RESPIRATOIRE**
[72] LONEY, COLIN, GB
[72] MURRAY, JILLIAN, GB
[72] ROWLANDS, LINDSAY, GB
[72] YEO, ROBERT PAUL, GB
[71] MEDICAL RESEARCH COUNCIL, GB
[85] 2003-12-09
[86] 2002-05-14 (GB2002002265)
[87] 2002-12-19 (2002100890)
[30] GB (0114107.6) 2001-06-09

[21] **2,450,142**
[13] A1

[51] **Int.Cl. 7G01N 33/569 7C12Q 1/00**
[25] EN
[54] **COMPETITIVE BINDING ASSAY FOR IDENTIFYING INHIBITORS OF HCV POLYMERASE**
[54] **DOSAGE DE LIAISON DIRECTE PERMETTANT D'IDENTIFIER DES INHIBITEURS DE LA POLYMERASE DU VHC**
[72] KUKOLJ, GEORGE, CA
[72] BEAULIEU, PIERRE L., CA
[72] MCKERCHER, GINETTE, CA
[71] BOEHRINGER INGELHEIM (CANADA) LTD., CA
[85] 2003-12-08
[86] 2002-08-05 (CA2002001214)
[87] 2003-02-20 (2003014377)
[30] US (60/310,272) 2001-08-07

[21] **2,450,179**
[13] A1

[51] **Int.Cl. 7G01N 33/68 7A61P 11/06**
[25] EN
[54] **METHOD FOR IDENTIFYING SUBSTANCES WHICH MODULATE INTERLEUKIN 4 (IL-4) SIGNALING**
[54] **PROCEDE D'IDENTIFICATION DE SUBSTANCES QUI MODULENT LA SIGNALISATION DE L'INTERLEUKINE 4 (IL-4)**
[72] PFITZNER, EDITH, DE
[72] LITTERST, CLAUDIA, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2003-12-09
[86] 2002-06-22 (EP2002006920)
[87] 2003-01-23 (2003006995)
[30] EP (01117097.4) 2001-07-13

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[21] **2,450,296**
[13] A1

[51] **Int.Cl. 7B29C 33/64 7B29D 11/00**
7C09D 183/04 7C23C 14/14 7B29C 39/26
7C23C 14/48 7B29C 33/56

[25] EN
[54] **METHOD FOR TRANSFERRING FROM A MOLD A HYDROPHOBIC TOP COAT ONTO AN OPTICAL SUBSTRATE.**

[54] **PROCEDE DE TRANSFERT DE REVETEMENT SUPERIEUR HYDROPHOBE D'UN MOULE SUR UN SUBSTRAT OPTIQUE**

[72] FAIRBANK, JULIE ANNE, US
[72] KLEMM, KARL ARTHUR, US
[71] **ESSILOR INTERNATIONAL COMPAGNIE GENERALE D'OPTIQUE,**
FR

[85] 2003-11-27
[86] 2002-05-27 (EP2002005792)
[87] 2002-12-05 (2002096627)
[30] US (60/294,425) 2001-05-29

[21] **2,450,389**
[13] A1

[51] **Int.Cl. 7C12N 5/10 7C12Q 1/68**

[25] EN
[54] **CYP450-SPECIFIC DNA PROBES AND PRIMERS, AND BIOLOGICAL APPLICATIONS THEREOF**

[54] **SONDES ADN SPECIFIQUES AUX CYP450, AMORCES ET APPLICATIONS BIOLOGIQUES DE CELLES-CI**

[72] BEAUNE, PHILIPPE, FR
[72] MONCION, ARLETTE, FR
[72] DE WAZIERS, ISABELLE, FR
[72] COUTEAU, CORINNE, FR
[72] GROS, CELINE, FR
[71] **INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (I.N.S.E.R.M.),** FR

[85] 2003-12-11
[86] 2001-06-11 (EP2001007056)
[87] 2002-12-19 (2002101031)

[21] **2,450,394**
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 29/12**
7G06F 17/30

[25] EN
[54] **GLOBAL LOAD BALANCING ACROSS MIRRORED DATA CENTERS**

[54] **EQUILIBRAGE DE CHARGE GLOBAL ENTRE CENTRES DE DONNEES UTILISES EN ECRITURE MIROIR**

[72] PARIKH, JAY GUNVANTRAI, US
[72] SOVIANI, ANDRIAN, US
[72] THIRUMALAI, SRIKANTH, US
[72] MAGGS, BRUCE, US
[72] LEWIN, DANIEL M., US
[72] DHANIDINA, RIZWAN S., US
[72] RAHUL, HARIHARAN SHANKAR, US

[72] KLEINBERG, ROBERT, US
[72] SUNDARAM, RAVI, US
[72] KORUPOLU, MADHUKAR R., US
[72] YERUSHALMI, YOAV O., US
[72] LEIGHTON, F. THOMSON, US
[72] LEVINE, MATTHEW, US
[71] **AKAMAI TECHNOLOGIES, INC.,** US

[85] 2003-11-25
[86] 2001-05-25 (US2001017176)
[87] 2001-12-06 (2001093530)
[30] US (60/208,014) 2000-05-26

[21] **2,450,397**
[13] A1

[51] **Int.Cl. 7C12N 15/09 7C12Q 1/68**

[25] EN
[54] **METHOD OF STABILIZING REAGENT FOR AMPLIFYING OR DETECTING NUCLEIC ACID AND STORAGE METHOD**

[54] **PROCEDE DE STABILISATION D'UN REACTIF POUR AMPLIFIER OU DETECTER L'ACIDE NUCLEIQUE ET PROCEDE DE MEMORISATION**

[72] UEMORI, TAKASHI, JP
[72] KOBAYASHI, EIJI, JP
[72] MUKAI, HIROYUKI, JP
[72] SAGAWA, HIROAKI, JP
[72] YAMAMOTO, JUNKO, JP
[72] ASADA, KIYOZO, JP
[72] KATO, IKUNOSHIN, JP
[72] ENOKI, TATSUJI, JP
[72] TOMONO, JUN, JP
[71] **TAKARA BIO INC.,** JP

[85] 2003-12-11
[86] 2002-06-12 (JP2002005832)
[87] 2002-12-19 (2002101042)
[30] JP (2001-177737) 2001-06-12
[30] JP (2001-249689) 2001-08-20

[21] **2,450,442**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7C12P 21/02**
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7C07K 16/28 7A61K 39/395 7G01N 33/53
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[25] EN
[54] **NOVEL LIGAND AND DNA THEREOF**

[54] **NOUVEAU LIGAND ET SON ADN**

[72] FUJII, RYO, JP
[72] MORI, MASAOKI, JP
[72] HINUMA, SHUJI, JP
[72] YOSHIDA, HIROMI, JP
[72] FUKUSUMI, SHOJI, JP
[71] **TAKEDA CHEMICAL INDUSTRIES, LTD.,** JP

[85] 2003-12-10
[86] 2002-06-13 (JP2002005915)
[87] 2002-12-27 (2002102847)
[30] JP (2001-180562) 2001-06-14
[30] JP (2001-216773) 2001-07-17
[30] JP (2001-359826) 2001-11-26
[30] JP (2001-401019) 2001-12-28
[30] JP (2002-154533) 2002-05-28

[21] **2,450,470**
[13] A1

[51] **Int.Cl. 7C12Q 1/70 7A01N 63/00**
7C12N 5/02 7C07H 21/04 7C12P 21/06
7C12N 15/09 7A61K 39/12 7A61K 39/23
7C12N 15/63 7C12N 15/86

[25] EN
[54] **METHOD FOR RAPID SCREENING OF BACTERIAL TRANSFORMANTS AND NOVEL SIMIAN ADENOVIRUS PROTEINS**

[54] **PROCEDE DE CRIBLAGE RAPIDE POUR TRANSFORMANTS BACTERIENS, ET PROTEINES ADENOVIRALES D'ORIGINE SIMIENNE**

[72] WILSON, JAMES M., US
[72] GAO, GUANGPING, US
[71] **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA,** US

[85] 2003-12-11
[86] 2002-06-20 (US2002019735)
[87] 2003-01-03 (2003000851)
[30] US (60/300,501) 2001-06-22
[30] US (60/385,632) 2002-06-04

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[21] **2,450,476**
[13] A1

[51] **Int.Cl. 7C12N 9/90 7C07K 14/16 7A61K 39/21 7A61K 38/52 7G01N 33/569**
[25] EN
[54] **A SOLUBLE COMPLEX COMPRISING A RETROVIRAL SURFACE GLYCOPROTEIN**
[54] **COMPLEXE SOLUBLE CONTENANT UNE GLYCOPROTEINE DE SURFACE RETROVIRALE**
[72] ANDRES, HERBERT, DE
[72] FAATZ, ELKE, DE
[72] SCHOLZ, CHRISTIAN, DE
[72] SIZMANN, DOROTHEA, DE
[72] ENGEL, ALFRED, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[21] **2,450,479**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12P 19/34**
[25] EN
[54] **METHOD FOR DETECTING DISEASES CAUSED BY CHROMOSOMAL IMBALANCES**
[54] **PROCEDE DE DETECTION DE MALADIES ENGENDREES PAR DES DESEQUILIBRES CHROMOSOMIQUES**
[72] DEUTSCH, SAMUEL, CH
[72] ANTONARAKIS, STYLIANOS, CH
[71] UNIVERSITY OF GENEVA, CH
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[87] 2003-01-03 (2003000919)
[30] US (60/300,266) 2001-06-22

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[25] EN
[54] **EPF RECEPTOR ASSAYS, COMPOUNDS AND THERAPEUTIC COMPOSITIONS**
[54] **DOSAGES DE RECEPTEUR D'EPF, COMPOSES ET COMPOSITIONS THERAPEUTIQUES**
[72] CLYNEN, ELKE JENNY HENRIETTE, BE
[72] BUIST, ARJAN, BE
[72] MEEUSEN, TOM JULIA LEON, BE
[72] SCHOofs, LILIANE AMELIE HENRICA, BE
[72] BENDER, ECKHARD, BE
[71] JANSSEN PHARMACEUTICA NAAMLOZE VENNOOTSCHAP, BE
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[87] 2003-01-16 (2003005036)
[30] EP (01202474.1) 2001-06-27

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[13] A1

[51] **Int.Cl. 7C12P 21/02 7C07K 14/155 7C07K 14/16 7C12N 15/62**
[25] EN
[54] **METHOD FOR THE RECOMBINANT PRODUCTION OF PEPTIDIC ANTIVIRAL FUSION INHIBITORS, AND ACETYLATION OF GB41 FRAGMENTS**
[54] **ACETYLATION DE FRAGMENTS GP41**
[72] PESTLIN, GABRIELE, DE
[72] SCHNEIDINGER, BERND, DE
[72] REICHERT, KLAUS, DE
[72] TISCHER, WILHELM, DE
[72] SCHMUCK, RAINER, DE
[72] POPP, FRIEDRICH, DE
[72] HOESS, EVA, DE
[72] SEIDEL, CHRISTOPH, DE
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[54] **METHOD OF EXPANDING A SAND SCREEN**
[54] **METHODE D'EXTENSION D'UN TAMIS A SABLE**
[72] SLATER, KEITH, GB
[72] OVERMAN, RICK, GB
[72] WHITELAW, CALUM, GB
[71] WEATHERFORD/LAMB, INC., US
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[87] 2003-11-29 (2003102364)
[30] US (10/157,307) 2002-05-29

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[25] EN
[54] **METHOD FOR SEPARATING BACTERIAL CELLS AND CELL COMPONENTS**
[54] **PROCEDE DE SEPARATION DE CELLULES BACTERIENNES ET DE COMPOSANTS CELLULAIRES**
[72] GRASSL, RENATE, DE
[72] MILLER, STEFAN, DE
[72] MEYER, ROMAN, DE
[72] KARETH, SCHUETZ MICHAEL, DE
[72] ROBL, INGRID, DE
[72] ZANDER, THOMAS, DE
[72] FRICK, SIBYLLE, DE
[71] PROFOS AG, DE
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[87] 2003-01-03 (2003000888)
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[51] **Int.Cl. 7G06F 17/00 7H04M 3/50**
[25] EN
[54] **REAL TIME PROCESSING**
[54] **TRAITEMENT EN TEMPS REEL**
[72] JENSEN, BRUCE PHILIP, GB
[72] MARTIN, STEPHEN IAN, GB
[72] COLLETT, PAUL, GB
[71] MARCONI UK INTELLECTUAL PROPERTY LIMITED, GB
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[87] 2002-12-12 (2002099555)
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[25] EN
[54] **CARDIOVASCULAR SAFETY ASSAY**
[54] **ANALYSE DE L'INNOCUITE CARDIO-VASCULAIRE**
[72] JANSSEN, CORNELUS GERARDUS MARIA, BE
[72] JURZAK, MIREK ROMAN, DE
[72] HEYLEN, GODELIEVE IRMA CHRISTINE MARIA, BE
[72] VAN ASSOUW, HENRICUS PETRUS MARTINUS MARIA (DECEASED), BE
[71] JANSSEN PHARMACEUTICA N.V., BE
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[87] 2003-01-23 (2003006988)
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[25] EN
[54] **NATURAL LIGAND OF GPCR CHEMR23 AND USES THEREOF**
[54] **LIGAND NATUREL DU RECEPTEUR COUPLE AUX PROTEINES G CHEMR23 ET UTILISATIONS DE CE LIGAND**
[72] PARMENTIER, MARC, BE
[72] COMMUNI, DAVID, BE
[72] VANDENBOGAERDE, ANN, DE
[72] DETHEUX, MICHEL, BE
[72] WITTAMER, VALERIE, BE
[71] EUROSREEN S.A., BE
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[51] **Int.Cl. 7C12Q 1/68**
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[54] **GENOMIC MAPPING METHOD**
[54] **CARTOGRAPHIE HAPPIAR**
[72] DEAR, PAUL H., GB
[71] MEDICAL RESEARCH COUNCIL, GB
[85] 2003-12-11
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[25] EN
[54] **NOVEL POLYPEPTIDE AND USE THEREOF**
[54] **NOUVEAU POLYPEPTIDE ET SON UTILISATION**
[72] SUGO, TSUKASA, JP
[72] MORI, MASAOKI, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[85] 2003-12-11
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[30] JP (2001-182275) 2001-06-15
[30] JP (2001-233532) 2001-08-01

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[13] A1
[51] **Int.Cl. 7C07K 14/705 7A61P 35/00 7C12P 21/02 7A61K 38/08 7C12N 15/12 7G01N 33/15 7A61K 38/17 7C07K 16/30 7G01N 33/50 7C12Q 1/68**
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[54] **TUMOR ANTIGEN**
[54] **ANTIGENES TUMORAUX**
[72] SHICHIJO, SHIGEKI, JP
[72] ITOH, KYOGO, JP
[71] ITOH, KYOGO, JP
[85] 2003-12-12
[86] 2002-06-11 (JP2002005799)
[87] 2003-01-30 (2003008450)
[30] JP (2001-177058) 2001-06-12
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[51] **Int.Cl. 7A01H 5/00 7C12N 9/10**
[25] EN
[54] **METHOD OF ELEVATING GLUTAMIC ACID CONTENT IN PLANT AND PLANTS HAVING ELEVATED GLUTAMIC ACID CONTENT**
[54] **PROCEDE PERMETTANT D'AUGMENTER LA TENEUR D'UNE PLANTE EN ACIDE GLUTAMIQUE ET PLANTES AYANT UNE TENEUR ELEVEE EN ACIDE GLUTAMIQUE**
[72] IGARASHI, DAISUKE, JP
[72] OHSUMI, CHIEKO, JP
[71] AJINOMOTO CO., INC., JP
[71] KAZUSA DNA RESEARCH INSTITUTE, JP
[85] 2003-12-11
[86] 2002-07-04 (JP2002006766)
[87] 2003-01-23 (2003005809)
[30] JP (2001-208238) 2001-07-09

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[13] A1
[51] **Int.Cl. 7G01N 33/544 7G01N 33/543 7G01N 33/58**
[25] EN
[54] **METHODS OF PREPARING MULTICOLOR QUANTUM DOT TAGGED BEADS AND CONJUGATES THEREOF**
[54] **PROCEDES DE PREPARATION DE BILLES MARQUEES PAR DES POINTS QUANTIQUES MULTICOLORES ET CONJUGUES DE CES BILLES**
[72] NIE, SHUMING, US
[72] GAO, XIAOHU, US
[72] HAN, MINGYONG, SG
[71] ADVANCED RESEARCH AND TECHNOLOGY INSTITUTE, INC., US
[85] 2003-12-15
[86] 2002-06-28 (US2002020568)
[87] 2003-01-09 (2003003015)
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[25] EN
[54] **ASSAY FOR IDENTIFYING INHIBITORS OF HIV RT DIMERIZATION**
[54] **DOSAGE PERMETTANT D'IDENTIFIER LES INHIBITEURS DE LA DIMERISATION DE LA TI DU VIH**
[72] PARNIAK, MICHAEL, US
[72] PELLETIER, ALEX, CA
[72] SLUIS-CREMER, NICOLAS, US
[71] BOEHRINGER INGELHEIM (CANADA) LTD., CA
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[86] 2002-07-26 (CA2002001162)
[87] 2003-02-13 (2003012127)
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[13] A1

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[25] EN
[54] **PROTEIN MODIFICATION AND MAINTENANCE MOLECULES**
[54] **MOLECULES DE MAINTENANCE ET DE MODIFICATION DE PROTEINES**
[72] HONCHELL, CYNTHIA D., US
[72] NGUYEN, DANNIEL B., US
[72] LU, DYUNG AINA M., US
[72] HAFALIA, APRIL J.A., US
[72] TRAN, UYEN K., US
[72] YAO, MONIQUE G., US
[72] YANG, JUNMING, US
[72] SWARNAKAR, ANITA, US
[72] GRIFFIN, JENNIFER A., US
[72] ISON, CRAIG H., US
[72] BECHA, SHANYA D., US
[72] BOROWSKY, MARK L., US
[72] LI, JOANA X., US
[72] TANG, Y. TOM, US
[72] BAUGHN, MARIAH R., US
[72] DING, LI, US
[72] ZEBARJADIAN, YEGANEH, US
[72] GIETZEN, KIMBERLY J., US
[72] TRAN, BAO, US
[72] LU, YAN, US
[72] MASON, PATRICIA M., US
[72] LEE, ERNESTINE A., US
[72] LEE, SOO YEUN, US
[72] BARROSO, INES, GB
[72] GANDHI, AMEENA R., US
[72] RAMKUMAR, JAYALAXMI, US
[72] KABLE, AMY E., US
[72] THANGAVELU, KAVITHA, US
[72] CHAWLA, NARINDER K., US
[72] FORSYTHE, IAN J., US
[72] WARREN, BRIDGET A., US
[72] DUGGAN, BRENDAN M., US
[72] SPRAGUE, WILLIAM W., US
[72] LEE, SALLY, US
[72] GURURAJAN, RAJAGOPAL, US
[72] LUO, WEN, US
[72] YUE, HENRY, US
[72] ELLIOTT, VICKI S., US
[71] INCYTE SAN DIEGO, INC., US
[85] 2003-12-16
[86] 2002-06-18 (US2002019360)
[87] 2003-01-03 (2003000844)
[30] US (60/300,508) 2001-06-22
[30] US (60/303,445) 2001-07-06
[30] US (60/305,405) 2001-07-13
[30] US (60/311,442) 2001-08-09
[30] US (60/314,821) 2001-08-24
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[13] A1

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[25] EN
[54] **G-PROTEIN COUPLED RECEPTORS**
[54] **RECEPTEURS COUPLES AUX PROTEINES G**
[72] YUE, HENRY, US
[72] RICHARDSON, THOMAS W., US
[72] WALSH, RODERICK T., GB
[72] GRIFFIN, JENNIFER A., US
[72] RAMKUMAR, JAYALAXMI, US
[72] EMERLING, BROOKE M., US
[72] YAO, MONIQUE G., US
[72] LU, DYUNG AINA M., US
[72] ELLIOTT, VICKI S., US
[72] CHAWLA, NARINDER K., US
[72] WARREN, BRIDGET A., US
[72] AU-YOUNG, JANICE K., US
[72] LU, YAN, US
[72] SWARNAKAR, ANITA, US
[72] HAFALIA, APRIL J. A., US
[72] BAUGHN, MARIAH R., US
[72] LEE, SOO YEUN, US
[72] KALLICK, DEBORAH A., US
[72] LEE, ERNESTINE A., US
[72] KHAN, FARRAH A., US
[72] BOROWSKY, MARK L., US
[72] YANG, JUNMING, US
[72] GRAUL, RICHARD C., US
[72] THORNTON, MICHAEL, US
[72] ISON, CRAIG H., US
[72] GANDHI, AMEENA R., US
[71] INCYTE SAN DIEGO, INC., US
[85] 2003-12-16
[86] 2002-06-20 (US2002020036)
[87] 2003-01-03 (2003000859)
[30] US (60/300,494) 2001-06-22
[30] US (60/305,326) 2001-07-13
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[30] US (60/311,413) 2001-08-10
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[13] A1

[51] **Int.Cl. 7C07K 7/06 7A61P 35/00 7A61K 38/08**
[25] EN
[54] **VEGFR-3 BINDING PEPTIDES AND THEIR USE FOR INHIBITING ANGIOGENESIS**
[54] **SUBSTANCES INHIBITRICES DE VEGFR-3 ET METHODES CORRESPONDANTES**
[72] KUBO, HAJIME, FI
[72] KOIVUNEN, ERKKI, FI
[72] ALITALO, KARI, FI
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH, US
[71] LICENTIA, LTD., FI
[85] 2003-12-16
[86] 2002-01-16 (IB2002000099)
[87] 2002-07-25 (2002057299)
[30] US (60/262,476) 2001-01-17

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[13] A1

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[25] EN
[54] **CROSS-REACTIVE MONOCLONAL AND POLYCLONAL ANTIBODIES WHICH RECOGNIZE SURFACE PROTEINS FROM COAGULASE-NEGATIVE STAPHYLOCOCCI AND STAPHYLOCOCCUS AUREUS**
[54] **ANTICORPS MONOCLONAUX ET POLYCLONAUX A REACTION CROISEE QUI RECONNAISSENT DES PROTEINES DE SURFACE DE STAPHYLOCOQUES A COAGULASE NEGATIVE ET DE STAPHYLOCOQUES DORES**
[72] PATTI, JOSEPH M., US
[72] ROCHE, FIONA, IE
[72] FOSTER, TIMOTHY J., IE
[72] SPEZIALE, PIETRO, IT
[72] HUTCHINS, JEFF T., US
[72] PALLEN, MARK, IE
[71] INHIBITEX, INC., US
[71] THE PROVOST FELLOWS AND SCHOLARS OF THE COLLEGE OF THE HOLY AND UNDIVIDE D TRINITY OF QUEEN ELIZABETH NEAR DUBLIN, IE
[71] UNIVERSITA' DEGLI STUDI DI PAVIA, IT
[85] 2003-12-15
[86] 2002-06-17 (US2002019220)
[87] 2002-12-27 (2002102829)
[30] US (60/298,098) 2001-06-15

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[13] A1

[51] **Int.Cl. 7A61K 38/00**
[25] EN
[54] **CHEMICALLY-MODIFIED PROGENIPOIETIN CONJUGATES**
[54] **CONJUGUES DE PROTEINE = CHIMIQUEMENT MODIFIES**
[72] SIEGEL, NED R., US
[72] FINN, RORY F., US
[72] HILLS, ROBERT L., US
[71] PHARMACIA CORPORATION, US
[85] 2003-12-17
[86] 2002-06-14 (US2002018810)
[87] 2003-01-03 (2003000179)
[30] US (60/300,362) 2001-06-22

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[13] A1

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[25] EN
[54] **NUCLEIC ACID-ASSOCIATED PROTEINS**
[54] **PROTEINES ASSOCIEES A DES ACIDES NUCLEIQUES**
[72] GRIFFIN, JENNIFER A., US
[72] GANDHI, AMEENA R., US
[72] RICHARDSON, THOMAS W., US
[72] LEE, ERNESTINE A., US
[72] BOROWSKY, MARK L., US
[72] BAUGHN, MARIAH R., US
[72] EMERLING, BROOKE M., US
[72] YANG, JUNMING, US
[72] HONCHELL, CYNTHIA D., US
[72] BECHA, SHANYA, D., US
[72] LEE, SOO YEUN, US
[72] BANDMAN, OLGA, US
[72] SANJANWALA, MADHUSUDAN M., US
US
[72] WARREN, BRIDGET A., US
[72] ELLIOTT, VICKI S., US
[72] TANG, Y., TOM, US
[72] LUO, WEN, US
[72] RAMKUMAR, JAYALAXMI, US
[72] ZEBARJADIAN, YEGANEH, US
[72] YUE, HENRY, US
[72] SWARNAKAR, ANITA, US
[72] FORSYTHE, IAN J., US
[72] ARVIZU, CHANDRA S., US
[72] CHAWLA, NARINDER, K., US
[72] LAL, PREETI G., US
[72] ISON, CRAIG H., US
[72] HAFALIA, APRIL, J. A., US
[72] LU, YAN, US
[72] YAO, MONIQUE G., US
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[85] 2003-12-16
[86] 2002-06-21 (US2002021179)
[87] 2003-01-03 (2003000864)
[30] US (60/300,518) 2001-06-22
[30] US (60/301,787) 2001-06-29
[30] US (60/301,792) 2001-06-29
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[30] US (60/303,405) 2001-07-06
[30] US (60/303,442) 2001-07-06
[30] US (60/364,438) 2002-03-15

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[13] A1

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[25] EN
[54] **MYCOBACTERIAL ANTIGENS EXPRESSED UNDER LOW OXYGEN TENSION**
[54] **ANTIGENES MYCOBACTERIENS EXPRIMES SOUS FAIBLE TENSION EN OXYGENE**
[72] BACON, JOANNA, US
[72] MARSH, PHILIP, GB
[72] JAMES, BRIAN, WILLIAM, GB
[71] HEALTH PROTECTION AGENCY, GB
[85] 2003-12-17
[86] 2002-06-21 (GB2002002845)
[87] 2003-01-03 (2003000721)
[30] GB (0115365.9) 2001-06-22
[30] GB (0121780.1) 2001-09-07

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[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **METHOD FOR THE SPECIFIC FAST DETECTION OF BACTERIA WHICH IS HARMFUL TO BEER**
[54] **PROCEDE POUR LA MISE EN EVIDENCE RAPIDE SPECIFIQUE DE BACTERIES A EFFET NEFASTE SUR LA BIERE**
[72] BEIMFOHR, CLAUDIA, DE
[72] SNAIDR, JIRI, DE
[71] VERMICON AG, DE
[85] 2003-12-18
[86] 2002-06-19 (EP2002006808)
[87] 2002-12-27 (2002103043)
[30] DE (101 29 410.7) 2001-06-19

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[13] A1

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[25] EN
[54] **UTILIZATION OF HISTAMINE RECEPTOR H3 GENE PARTICIPATING IN BODY WEIGHT OR FOOD INTAKE CONTROL**
[54] **UTILISATION DU GENE H3 DU RECEPTEUR D'HISTAMINE PARTICIPANT AU CONTROLE DU POIDS CORPOREL OU DE L'ALIMENTATION**
[72] KOTANI, HIDEHITO, JP
[72] TAKAHASHI, KAZUHIKO, JP
[72] SUWA, HIROAKI, JP
[71] BANYU PHARMACEUTICAL CO., LTD., JP
[85] 2003-12-18
[86] 2002-06-28 (JP2002006580)
[87] 2003-01-16 (2003004637)
[30] JP (2001-201413) 2001-07-02

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[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **METHODS FOR ASSESSING AND TREATING LEUKEMIA**
[54] **METHODES D'EVALUATION ET DE TRAITEMENT DE LA LEUCEMIE**
[72] RAPONI, MITCH, US
[71] ORTHO-CLINICAL DIAGNOSTICS, INC., US
[85] 2003-12-23
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[51] **Int.Cl. 7C07K 14/705 7C07K 17/08 7C07K 14/47 7G01N 33/68**
[25] EN
[54] **GLYCOPEPTIDES, THEIR PREPARATION AND USE IN THE DIAGNOSIS OR THERAPEUTIC TREATMENT OF MULTIPLE SCLEROSIS**
[54] **GLYCOPEPTIDES, PREPARATION ET UTILISATION DE CES GLYCOPEPTIDES POUR LE DIAGNOSTIC OU LE TRAITEMENT DE LA SCLEROSE EN PLAQUES**
[72] LOLLI, FRANCESCO, IT
[72] PAPINI, ANNA MARIA, IT
[72] CHELLI, MARIO, IT
[72] ROVERO, PAOLO, IT
[71] UNIVERSITA' DEGLI STUDI DI FIRENZE, IT
[85] 2003-12-22
[86] 2002-06-19 (EP2002006767)
[87] 2003-01-03 (2003000733)
[30] IT (FI2001A000114) 2001-06-22

[21] **2,451,389**
[13] A1

[51] **Int.Cl. 7C12N 15/87 7A61K 48/00 7C12N 5/10**
[25] EN
[54] **IMPROVED TRANSFECTION OF EUKARYOTIC CELLS WITH LINEAR POLYNUCLEOTIDES BY ELECTROPORATION**
[54] **TRANSFECTION AMELIOREE DE CELLULES EUCARYOTES AVEC POLYNUCLEOTIDES LINEAIRES PAR ELECTROPORATION**
[72] PONSARTS, PETER, BE
[72] SCHULER, GEROLD, DE
[72] BERNEMAN, ZWI N., BE
[72] STROBEL, ISOLDE, DE
[72] VAN TENDELOO, VIGGO F.I., BE
[71] N.V. ANTWERPES INNOVATIECENTRUM, BE
[71] SCHULER, GEROLD, DE
[85] 2003-12-19
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[51] **Int.Cl. 7B27L 11/00 7B27G 13/04**
[25] EN
[54] **KNIFE AND APPARATUS FOR CLAMPING A KNIFE**
[54] **LAME DE COUPE ET APPAREIL DE SERRAGE D'UNE LAME DE COUPE**
[72] SIMONSEN, TOBIAS L., US
[72] SCHUH, LOREN R., US
[71] KEY KNIFE, INC., US
[85] 2003-12-19
[86] 2002-07-16 (US2002022576)
[87] 2003-02-13 (2003011541)
[30] US (09/918,895) 2001-07-30

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[25] EN
[54] **AUTOMOTIVE VEHICLE SEAT INSERT**
[54] **INSERT POUR SIEGE D'UN VEHICULE MOTORISE**
[72] WHITE, BRENNON LEWIS, US
[72] BRENNAN, LINDY, CA
[72] BAJIC, GORAN, CA
[72] LISS, ANNE PATRICE, US
[72] FERNANDEZ, LUCAS, CA
[72] LAZANJA, MARINKO, CA
[72] DROBNJAKOVIC, VALERIJA, CA
[71] W.E.T. AUTOMOTIVE SYSTEMS, DE
[71] JOHNSON CONTROLS TECHNOLOGY COMPANY, US
[85] 2003-12-23
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[87] 2004-01-03 (2004005068)
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[51] **Int.Cl. 7C12N 15/54 7C12P 19/04 7C12N 15/31 7C12N 15/53 7C12N 15/75**
[25] EN
[54] **HYALURONAN SYNTHASE GENES AND EXPRESSION THEREOF**
[54] **GENES DE L'HYALURONAN SYNTHASE ET EXPRESSION ASSOCIEE**
[72] DEANGELIS, PAUL L., US
[72] WEIGEL, PAUL H., US
[72] KUMARI, KSHAMA, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA, US
[85] 2003-12-12
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[25] EN
[54] **THERAPEUTIC POLYPEPTIDES,**
NUCLEIC ACIDS ENCODING SAME,
AND METHODS OF USE
[54] **POLYPEPTIDES**
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[72] MILLER, CHARLES E., US
[72] CATTERTON, ELINA, US
[72] MALYANKAR, URIEL M., US
[72] ELLERMAN, KAREN, US
[72] PADIGARU, MURALIDHARA, US
[72] SPYTEK, KIMBERLY A., US
[72] CHAPOVAL, ANDREI, US
[72] LAROCHELLE, WILLIAM J., US
[72] VERNET, CORINE A. M., US
[72] RIEGER, DANIEL K., US
[72] CASMAN, STACIE J., US
[72] GROSSE, WILLIAM M., US
[72] SMITHSON, GLENNDA, US
[72] PATTURAJAN, MEERA, US
[72] STARLING, GARY, US
[72] PENNA, CAROL E. A., US
[72] ROTHENBERG, MARK E., US
[72] GUSEV, VLADIMIR Y., US
[72] MILLET, ISABELLE, US
[72] ZHONG, MEI, US
[72] BURGESS, CATHERINE E., US
[72] PEYMAN, JOHN A., US
[72] MACDOUGALL, JOHN R., US
[72] RASTELLI, LUCA, US
[72] SHIMKETS, RICHARD A., US
[72] TAUPIER, RAYMOND J., JR., US
[72] KEKUDA, RAMESH, US
[72] CRABTREE, JULIE, US
[72] ANDERSON, DAVID W., US
[72] GORMAN, LINDA, US
[72] TCHERNEV, VELIZAR T., US
[72] GERLACH, VALERIE L., US
[72] VOSS, EDWARD Z., US
[72] SHENOY, SURESH G., US
[72] EDINGER, SHLOMIT R., US
[72] BOLDOG, FERENC L., US
[72] LI, LI, US
[71] CURAGEN CORPORATION, US
[85] 2003-12-22
[86] 2002-09-09 (US2002028596)
[87] 2003-03-20 (2003023008)
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[51] **Int.Cl. 7C12N 15/29 7A01H 5/00**
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[25] EN
[54] **DEFENSIN POLYNUCLEOTIDES**
AND METHODS OF USE
[54] **POLYNUCLEOTIDES DE**
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D'UTILISATION
[72] HERRMANN, RAFAEL, US
[72] WONG, JAMES F. H., US
[72] HARVELL, LESLIE T., US
[72] SIMMONS, CARL R., US
[72] LU, ALBERT LAURENCE, US
[72] CAHOON, REBECCA E., US
[72] NAVARRO ACEVEDO, PEDRO A.,
US
[72] MCCUTCHEN, BILLY FRED, US
[71] PIONEER HI-BRED
INTERNATIONAL, INC., US
[71] E.I. DU PONT DE NEMOURS AND
COMPANY, US
[85] 2003-12-19
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[30] US (60/300,152) 2001-06-22
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[13] A1
[51] **Int.Cl. 7A61M 25/10**
[25] EN
[54] **FOLDING SPRING FOR A**
CATHETER BALLOON
[54] **RESSORT POUR LE PLIAGE DE**
BALLONNETS DE CATHETER
[72] VIGIL, DENNIS M., US
[71] SCIMED LIFE SYSTEMS INC., US
[85] 2003-12-31
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[30] US (10/202,361) 2002-07-26

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[25] EN
[54] **METHOD OF INTELLIGENT ROAMING USING NETWORK INFORMATION AND A WIRELESS COMMUNICATION DEVICE**
[54] **METHODE D'ITINERANCE INTELLIGENTE FAISANT APPEL A DE L'INFORMATION DE RESEAU ET A UN DISPOSITIF DE COMMUNICATION SANS FIL**
[72] RAFFEL, MICHAEL ALLEN, US
[71] AT&T WIRELESS SERVICES, INC., US
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[41] 1999-01-07
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[13] A1
[51] Int.Cl. 7G06F 17/11 7G09G 5/02
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[25] EN
[54] **METHOD AND APPARATUS FOR REPRODUCING BLENDED COLORANTS ON AN ELECTRONIC DISPLAY**
[54] **METHODE ET APPAREIL DE REPRODUCTION DE COLORANTS MELANGES SUR UN AFFICHAGE ELECTRONIQUE**
[72] ADAMS, LOUIS WILLIAM JR., US
[71] MILLIKEN & COMPANY, US
[22] 1993-03-05
[41] 1993-09-28
[62] 2,091,155
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[13] A1
[51] Int.Cl. 7H04L 29/12 7H04Q 1/18
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[25] EN
[54] **NETWORK TERMINATION EQUIPMENT**
[54] **EQUIPEMENT DE TERMINAISON DE RESEAU**
[72] SCHEPERS, PETER MATHIJS LEONARD, BE
[72] VAN ROMPU, PETER ALAIN RICHARD, BE
[72] PYNAERT, KURT, BE
[72] VAN WONTERGHEM, GEERT ARTHUR EDITH, BE
[72] CZERWIEC, RICHARD MARION, US
[72] SUTHERLAND, JOSEPH E., US
[71] ALCATEL, FR
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[41] 1999-01-10
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[30] US (08/891,145) 1997-07-10

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[54] **REPLACABLE PRINTED BOARD ASSEMBLY (PBA)**
[54] **CARTE IMPRIMEE REMPLACABLE**
[72] PESCHI, ROBERT NICOLAS LOUIS, BE
[72] VAN DER AUWERA, CHRIS, BE
[72] BOEYKENS, EDUARD CHRISTIAN MARIA, BE
[72] VERLY, DANIEL ALOIS CORNELIUS, BE
[72] PYNAERT, KURT, BE
[72] VAN ROMPU, PETER ALAIN RICHARD, BE
[72] VAN CAMPENHOUT, GILBERT ALFONS FRANCOISE, BE
[72] BAILEY, RICHARD HAYWOOD, BE
[72] SIMMERING, MARLIN V., US
[72] SCHEPERS, PETER MATHIJS LEONARD, BE
[72] VAN WONTERGHEM, GEERT ARTHUR EDITH, BE
[72] SUTHERLAND, JOSEPH E., US
[72] REUSENS, PETER PAUL FRANS, BE
[72] BOROWSKI, EMMANUEL FRANS, BE
[72] VAN AKEN, DIRK MARCELJULIETTE, BE
[72] DE WULF, KOEN AMBROISE GODELIEVE, US
[72] RYCKEBUSCH, FRANK, BE
[72] VERBUEKEN, HERMAN LEO ROSALIA, BE
[72] CZERWIEC, RICHARD MARION, US
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[13] A1

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[25] EN
[54] **HOUSING FOR CONNECTION TO BOTH BROADBAND AND NARROWBAND NETWORKS AS A SHELF IN A TELECOMMUNICATIONS RACK**
[54] **LOGEMENT DE BRANCHEMENT A DES RESEaux A LARGE BANDE ET A BANDE ETROITE COMME UNE TABLETTE DANS UNE BAIE DE TELECOMMUNICATIONS**
[72] VERLY, DANIEL ALOIS CORNELIUS, BE
[72] VAN CAMPENHOUT, GILBERT ALFONS FRANCOISE, BE
[72] BOEYKENS, EDUARD CHRISTIAN MARIA, BE
[72] CZERWIEC, RICHARD MARION, US
[72] BAILEY, RICHARD HAYWOOD, US
[72] VAN WÖNTERGHEM, GEERT ARTHUR EDITH, BE
[72] PYNAERT, KURT, BE
[72] SCHEPERS, PETER MATHIJS LEONARD, BE
[72] VAN ROMPU, PETER ALAIN RICHARD, BE
[72] SUTHERLAND, JOSEPH E., US
[72] SIMMERING, MARLIN V., US
[72] VAN DER AUWERA, CHRIS, BE
[71] ALCATEL, FR
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[62] 2,237,145
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[21] **2,444,242**
[13] A1

[51] **Int.Cl. 7H04N 7/173 7H04N 7/16**
[25] EN
[54] **TELEVISION SCHEDULE SYSTEM AND METHOD OF OPERATION**
[54] **SYSTEME DE PRESENTATION D'HORAIRE DE TELEVISION ET METHODE DE FONCTIONNEMENT**
[72] SCHEIN, STEVEN M., US
[72] RUSSMAN, ROBERT E., US
[72] ALBA, THERESA A., US
[72] KING, MOLLY K., US
[72] WARDEN, DAVID P., US
[71] STARSIGHT TELECAST, INC., US
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[62] 2,256,691
[30] US (08/665,216) 1996-06-14

[21] **2,451,119**
[13] A1

[51] **Int.Cl. 7B29C 45/26 7B29C 45/17**
[25] EN
[54] **PARTIAL CRYSTALLIZATION METHOD AND APPARATUS OF AMORPHOUS PLASTIC ARTICLES**
[54] **PROCEDE ET APPAREIL DE CRISTALLISATION PARTIELLE D'ARTICLES EN PLASTIQUE AMORPHE**
[72] KOCH, MICHAEL, CH
[72] CATOEN, BRUCE, CA
[72] STRACOVKSY, DAN, CA
[72] SYKES, JAMES, CA
[72] SCHAD, ROBERT, CA
[72] MARTIN, LAURA, CA
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[22] 1998-04-09
[41] 1998-10-22
[62] 2,286,746
[30] US (60/043,703) 1997-04-16

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[13] A1

[51] **Int.Cl. 7B44D 3/12 7B65D 43/02 7B65D 1/14**
[25] EN
[54] **PAINT-CAN WITH BRUSHWIPER**
[54] **BIDON DE PEINTURE MUNI D'UN ESSUIE-BROSSE**
[72] PEACOP, ALEXANDER JAMES, GB
[72] BOOTH, PETER, GB
[71] IMPERIAL CHEMICAL INDUSTRIES PLC, GB
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[62] 2,438,348
[30] GB (0107326.1) 2001-03-23

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[13] A1

[51] **Int.Cl. 7G07B 17/00**
[25] EN
[54] **TECHNIQUE FOR EFFECTIVELY GENERATING MULTI-DIMENSIONAL SYMBOLS REPRESENTING POSTAL INFORMATION**
[54] **TECHNIQUE PERMETTANT DE GENERER DE MANIERE EFFICACE DES SYMBOLES MULTIDIMENSIONNELS REPRESENTANT DES INFORMATIONS POSTALES**
[72] ZUIDEMA, ERIC, US
[72] NACLERIO, EDWARD, US
[72] BROOKNER, GEORGE M., US
[72] SCHWARTZ, ROBERT G., US
[71] ASCOM HASLER MAILING SYSTEMS, INC., US
[22] 1998-09-21
[41] 1999-04-01
[62] 2,272,595
[30] US (60/059,486) 1997-09-22

[21] **2,451,631**
[13] A1

[51] **Int.Cl. 7B29C 45/03 7B29C 45/17 7B29C 45/76**
[25] EN
[54] **ELECTRICALLY-OPERATED INJECTION MOLDING MACHINE AND INJECTION MOLDING METHOD USING THE RELEVANT MACHINE**
[54] **MACHINE DE MOULAGE PAR INJECTION COMMANDE ELECTRIQUEMENT ET METHODE DE MOULAGE PAR INJECTION FAISANT APPEL A LADITE MACHINE**
[72] TANIGUCHI, YOSHIYA, JP
[71] TOYO MACHINERY & METAL CO., LTD., JP
[71] SONY DISC TECHNOLOGY INC., JP
[22] 1998-07-06
[41] 1999-01-07
[62] 2,242,967
[30] JP (9-197825) 1997-07-07
[30] JP (9-363684) 1997-12-15
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[30] JP (10-140614) 1998-05-06

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[21] **2,452,485**

[13] A1

[51] **Int.Cl. 7G02B 21/24 7G02B 21/06**

[25] EN

[54] **FIELD MICROSCOPE**

[54] **MICROSCOPE DE TERRAIN**

[72] RICHARDSON, TIMOTHY M., CA

[71] RICHARDSON TECHNOLOGIES
INC., CA

[22] 1999-02-24

[41] 2000-08-24

[62] 2,262,912

[21] **2,452,546**

[13] A1

[51] **Int.Cl. 7G02B 21/24 7G02B 21/06**

[25] EN

[54] **FIELD MICROSCOPE**

[54] **MICROSCOPE DE TERRAIN**

[72] RICHARDSON, TIMOTHY M., CA

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LEPARD, STEVEN D.	2,399,309	MELBYE, WILLIAM L.	2,114,649	NELSON, FREDERICK F.	2,301,305
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LOHER, HEINZ-JOSEF	2,065,983				
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BOFFA, ALEXANDER B.	2,434,917	DECOMA INTERNATIONAL INC.	2,436,647	GLEISER, MATTHEW RICHARD	2,396,666
BORREDON, ELISABETH	2,434,481	DEGUSSA AKTIENGESELLSCHAFT	2,436,458	GODBOUT, MARTIN	2,394,906
BOUARAB, KAMAL	2,435,542	DELEBARRE, MARIE	2,434,462	GOEBELT, BERND	2,435,516
BOUTHILLIER, MARIO	2,396,633	DENSO CORPORATION	2,435,983	GOSSELIN, MARC	2,435,536
BOWDEN, JASON D.	2,436,555	DERKS, GARY	2,433,214	GOTO, SHOKO	2,436,845
BROWER, GREGORY A.	2,436,647	DESTAILLATS, FREDERIC	2,396,840	GRASSANO, ALESSANDRO	2,434,927
BROWN, JEFF	2,436,583	DETMERS, ANDREAS	2,428,400	GREEN, RICHARD JONATHAN	2,396,701
BRULE, BENOIT	2,436,232	DEW ENGINEERING AND DEVELOPMENT LIMITED	2,436,029	GREEVEN, JOHN C.	2,434,991
BUESCHKEN, WILFRIED	2,436,329	DI MEO, ANTONELLA	2,435,911	GRIFFITHS, RICHARD H.	2,393,654
BUNKER, RONALD SCOTT	2,436,070	DI MEO, ANTONELLA	2,435,920	GRISONI, BERNARD F.	2,436,383
BYK-CHEMIE GMBH	2,435,516	DI MEO, ANTONELLA	2,435,924	GROSE, ALLEN	2,396,597
CAMPOS, MANUEL	2,396,644	DIONNE, FRANCOIS	2,393,396	GROSS, PETER	2,435,240
CANTACUZENE, SERBAN	2,434,537	DOEBLER, MARTIN	2,436,394	GRUSH, BERNARD	2,396,997
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GUERRA, LAWRENCE E.	2,397,429	INOUE, DAI	2,436,178	LONG, NORRIS RICHARD	2,435,472
GUNAWARDENA, RAMESH	2,413,962	INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, LLC.	2,436,286	LONGSTREET, KENNETH A.	2,436,500
GUPTA, HARISH C.	2,435,859	IORI, ANGELO	2,436,651	LUMINOS INDUSTRIES LTD.	2,436,392
GURRIERI, GIOVANNI	2,434,927	ITO, AKIO	2,435,965	MACDONALD, NORMAN J., III	2,436,660
GUTIERREZ, ANTONIO	2,436,817	JACOBSON, RICHARD MARTIN	2,436,016	MACDONALD, PETER, M.	2,436,660
HAAS, ULRICH JOHANNES	2,436,648	JAMES, WILLIAM NIXON JR.	2,436,016	MACK TRUCKS, INC.	2,435,240
HABEL, RICHARD	2,436,309	JANTZI, LYLE	2,434,590	MADER, SVEN	2,428,400
HACKWORK, MATTHEW R.	2,436,640	JENKINS, DENNIS B.	2,436,644	MAKI, HITOSHI	2,436,845
HAINES, DEBBIE	2,396,644	JIA, SONG HUI	2,401,567	MARSH, BRENT	2,436,450
HAMILTON, DONALD MARTIN	2,436,439	JOHNES, MARTY	2,434,450	MARSHALL, CURTIS	2,397,087
HARBACH, CLAUD	2,428,400	JOHNSON, CRAIG D.	2,436,640	MARSHALL, JOHN C.	2,401,567
HARMAN, MURRAY R.	2,436,392	JOHNSONDIVERSEY, INC.	2,398,676	MARTEL, CLAUDE	2,393,423
HARMAN, STEPHEN G.	2,436,392	JOSEL, HANS-PETER	2,434,356	MASCHMEYER, DIETRICH	2,436,329
HARPER BRUSH WORKS, INC.	2,426,237	JOSHI, RAVI R.	2,436,804	MATHIS INSTRUMENTS LTD.	2,397,102
HARTLEY, ROBERT A.	2,431,235	KAMATH, SATISH	2,436,386	MATHIS, NANCY	2,397,102
HAUBENNESTEL, KARLHEINZ	2,435,516	KANNEMEIER, CHRISTIAN	2,436,890	MATSUSHITA ELECTRIC CORPORATION OF AMERICA	2,436,555
HAWTHORNE, MICHAEL J.	2,436,478	KATO, SHIGEKI	2,436,845	MATTSON, ROY W., JR.	2,430,169
HEIDELBERGER DRUCKMASCHINEN AG	2,428,400	KELLY, MARTHA JEAN	2,436,016	MAY, RANDY	2,435,472
HEINDL, DIETER	2,434,356	KERKER, LOTHAR	2,436,329	MAYA, MENDEZ MAURO E.	2,408,896
HENAO, ANDRES URIEL	2,436,647	KEY, ARTHUR A.	2,396,666	MAYER, SIEGFRIED	2,436,167
HENKEL GALLEGO	2,435,872	KHOKHAR, WASIM	2,436,283	MCAULAY, HUGH JOSEPH	2,433,682
HENDERSON, JACK V.	2,436,647	KIM, HUN-KEE	2,436,174	MCCABE, THOMAS W.	2,407,823
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN	2,436,632	KIM, NOH-SUN	2,436,174	MCINTOSH, JAMES	2,396,866
HENZE-WETHKAMP, HEINRICH	2,436,376	KITAMURA, KENJI	2,436,845	MCNEIL-PPC, INC.	2,436,386
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HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	2,434,991	KOIWAI, AKIHIKO	2,435,965	MECHTERIDIS, DIMITRIOS	2,436,552
HILDRETH MANUFACTURING, LLC	2,436,855	KOTWICKI, ALLAN JOSEPH	2,436,310	MEIER, CHRISTIAN	2,428,400
HILDRETH, TERRY	2,436,855	KOWALSKI, MARTIN	2,436,047	MESSENGER, ANDREW MARA L.	2,393,275
HILL, KENNETH O.	2,396,831	KRAFT FOODS HOLDINGS, INC.	2,436,569	MICROMASS UK LIMITED	2,436,583
HIOKI, TATSUMI	2,435,965	KRAPPE, UDO	2,435,516	MIGLIORI, LUCIANO	2,433,695
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HOBART BROTHERS COMPANY	2,436,445	L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	2,434,537	MINO, OSWALDO	2,435,634
HOEHNE, JOERG	2,436,458	LAMMEL, MICHAEL	2,436,115	MOHAMED, ABDULAH H.	2,393,430
HOFMANN, JOERG	2,436,394	LASER, HAROLD	2,398,676	MOLD-MASTERS LIMITED	2,436,571
HONDA ACCESS CORPORATION	2,436,614	LASSEN, BERND	2,428,400	MOON, YONG-SUK	2,436,174
HONDA ACCESS CORPORATION	2,436,663	LAUGHLIN, WAYNE E.	2,436,547	MOORE, MACK T.	2,436,466
HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,436,614	LECOUFFE, JEAN-FRANCOIS	2,434,537	MOURI, TOSHIHIRO	2,435,965
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HOYES, JOHN BRIAN	2,436,583	LELECAS, MICHAEL	2,436,294	NAKAMURA, MASAMI	2,436,391
HUANG, ELIM	2,436,393	LETTS, JOHN B.	2,436,547	NAKAZAWA, FUMIE	2,436,890
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HUTTON, NEIL	2,436,029	LIN, YUNG-JEN	2,396,430	NATIONAL STEEL CAR LIMITED	2,436,504
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ILLINOIS TOOL WORKS INC.	2,435,634	LINDSAY, DAVID J.	2,396,919	NEW YORK AIR BRAKE CORPORATION	2,434,590
ILLINOIS TOOL WORKS INC.	2,435,859	LINEMANN, REINHARD	2,436,232	NEW YORK AIR BRAKE CORPORATION	2,436,478
ILLINOIS TOOL WORKS INC.	2,436,500			NEWTON, STEVEN R.	2,434,590
				NICOLAY FAMILY ENTERPRISES, L.L.C.	2,397,429
				NICOLAY, KENNETH M.	2,397,429
				NIEN MADE ENTERPRISE CO., LTD.	2,410,834
				NIEN, MING	2,410,834

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NIKODYM, ANTHONY	2,436,445	RETRIEVAL DYNAMICS		SIASPRINT S.R.L.	2,436,565
NIU, TIANYAN	2,436,475	CORPORATION	2,436,439	SICILIA, ROBERT	2,436,571
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PAULSEN, LARS	2,428,400	HEALTHCARE		INC.	2,435,475
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PEREZ, SANCHEZ ALFONSO	2,408,896	SCHLUMBERGER CANADA		COLOSTRUM COMPANY	
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PHONAK AG	2,430,380	SCOTT, GERALD	2,436,855	TONELLI, CLAUDIO	2,435,924
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AGEE, MICHELE L.	2,449,341	AMETEK, INC.	2,448,700	ATSUMI, TOMOYA	2,448,938
AGENSYS, INC.	2,442,993	AMIN, MOHAMMAD H. S.	2,448,682	ATTURA, ALESSANDRO	2,449,407
AGENSYS, INC.	2,443,088	ANAYA-SANZ, JOSE-IGNACIO	2,449,210	AUBAY, ERIC	2,448,897
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		ANISOWICZ, ANTHONY	2,446,821	AXYS PHARMACEUTICALS, INC.	2,449,021
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CRYER, ROBERT D.	2,448,684	DEEM, MARK E.	2,448,961	DOW GLOBAL TECHNOLOGIES INC.	2,449,394
CSO TECHNIK LIMITED	2,449,028	DEGUDENT GMBH	2,449,204	DOZOV, IVAN N.	2,448,984
CUELLAR, KYLE T.	2,448,884	DELAMARCHE, GWENAEL	2,449,043	DRAPER, MICHAEL	2,440,757
CULIC, OGNJEN	2,443,381	DELAMARCHE, GWENAEL	2,449,082	DRBAL, VLADIMIR	2,448,905
CURAGEN CORPORATION	2,448,073	DELAVAL HOLDING AB	2,448,651	DROBNJAKOVIC, VALERIJA	2,451,436
CURAGEN CORPORATION	2,449,341	DELAVAL HOLDING AB	2,449,246	DUBIN, ADRIENNE	2,449,934
CURAGEN CORPORATION	2,451,454	DEL-FAVERO, JURGEN PETER LODE	2,449,591	DUBOIS, JEAN-CLAUDE	2,448,984
CURATOLO, WILLIAM JOHN	2,448,864	DELLAPIETRA, BRUNO	2,448,870	DUFFY, KEVIN J.	2,449,770
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CUTHBERT, NIGEL J.	2,449,095	DEMUTH, DIRK	2,449,290	DUH, BEN	2,449,037
CUTHBERT, NIGEL J.	2,449,097	DENARDO, ANDREW JAMES	2,448,900	DUHAMEL, JEAN-LOUIS	2,447,863
CUYLEN, MICHAEL	2,448,685	DEPLAZES, ROMEO	2,448,538	DULHUNTY, ANGELA FAY	2,446,839
CUYLEN, MICHAEL	2,448,710	DEPOMED DEVELOPMENT, LTD	2,449,009	DUNKI-JACOBS, ROBERT	2,449,012
CYCLICS CORPORATION	2,449,034	DERAS, INA	2,449,243	DUNKI-JACOBS, ROBERT	2,449,062
CYTIMMUNE SCIENCES, INC.	2,448,607	DERBY, JOANNE	2,448,890	DUNKI-JACOBS, ROBERT J.	2,448,906
CZERWINSKI, JEROME F., JR.	2,448,878	DESANTIS, MARCO	2,448,897	DUNKI-JACOBS, ROBERT J.	2,448,957
DABBS, HAROLD	2,449,398	DESBENE, STEPHANIE	2,448,191	DUNKI-JACOBS, ROBERT J.	2,449,015
DAEWON ELECTRIC COMPANY LIMITED	2,449,268	DESBENE, STEPHANIE	2,448,197	DUNKI-JACOBS, ROBERT J.	2,449,068
DAEWON ELECTRIC COMPANY LIMITED	2,449,271	DESPEYROUX, DOMINIQUE	2,448,185	DUNKI-JACOBS, ROBERT J.	2,449,568
DAHMS, JOHN F.A.	2,448,962	DETHEUX, MICHEL	2,450,587	DUNPHY, JAMES	2,448,898
DAI, DONGCHENG	2,448,775	DETMAR, MICHAEL J.	2,446,093	DUPONT, STEPHANE	2,449,349
DAI, DONGCHENG	2,448,795	DEUTCH, ALAN H.	2,447,367	DURUZ, JEAN-JACQUES	2,448,564
DAILY INSTRUMENTS	2,449,074	DEUTSCH, SAMUEL	2,450,479	DUVDEVANI, ILAN	2,449,072
DAILY, JEFFREY N.	2,449,074	DEXTRAZE, PIERRE	2,448,894	D-WAVE SYSTEMS, INC.	2,448,682
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DANA CORPORATION	2,448,842	DI GREGORIO, PIERATTILIO DI, LI	2,446,560	DEUTSCHLAND KG	
DANG, BRIAN	2,448,678	DIAGNOSTIC HYBRIDS, INC.	2,448,746	E. ZOLLER GMBH & CO. KG	
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DANISCO A/S	2,448,441	DIAS, ANTHONY J.	2,448,355	MESSGERATE	2,448,816
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KNIGHT, GLENN	2,448,742	KYOTO PHARMACEUTICAL		LEE, GUO-SHUH JOHN	2,448,601
KNOX, DAVID	2,448,455	INDUSTRIES, LTD.	2,448,639	LEE, MARTIN ALAN	2,448,211
KOBAYASHI, EIJI	2,450,397	KYUKYU PHARMACEUTICAL		LEE, SALLY	2,450,067
KOBAYASHI, HIDEKI	2,448,750	CO., LTD.	2,449,066	LEE, SALLY	2,450,921
KOBAYASHI, HIDEO	2,448,634	L.R. NELSON CORPORATION	2,448,672	LEE, SOO YEUN	2,450,921
KOBAYASHI, HIDEO	2,448,639	LABEAU, CATHERINE MARIE-		LEE, SOO YEUN	2,450,925
KOBAYASHI, KAZUJI	2,448,938	PIERRE	2,448,897	LEE, SOO YEUN	2,450,969
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KOCH-GLITSCH, LP	2,449,407	PIERRE	2,448,903	ELISABETH	2,448,735
KOEHLER, KONRAD	2,449,515	LACROIX, MONIQUE	2,449,202	LEEPER, DALE	2,448,330
KOHLRUSS, GREGOR	2,449,391	LADUNGA, ISTVAN	2,449,875	LEGORJUS, PHILIPPE	2,448,535
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LEWIS, DAVID MALCOLM	2,449,050	LU, YAN	2,450,969	MARS, INC.	2,449,730
L'HEUREUX, ALEXANDRE	2,448,894	LUCA, VICTOR	2,448,865	MARSH, PHILIP	2,451,026
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LI, DANXI	2,449,275	CANCER RESEARCH	2,450,929	MARTICHONOK, VALERI	2,448,319
LI, DANXI	2,449,281	LUM, PAUL	2,448,905	MARTIN, JOSE ALFREDO	2,449,256
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LIPO CHEMICALS, INC.	2,448,822	MAKIN, INDER RAJ S.	2,449,068	INDUSTRIAL CO., LTD.	2,448,771
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NOBEX CORPORATION	2,449,426	ORATEC INTERVENTIONS, INC.	2,449,379	PATSIOKAS, STELIOS	2,449,223
NOKIA, INC.	2,449,532	ORATEC INTERVENTIONS, INC.	2,448,693	PATTERSON, JOHN W.	2,449,021
NOMURA, TOSHIYUKI	2,449,255	ORAZIETTI, RICHARD M.	2,448,693	PATTI, JOSEPH M.	2,450,939
NORMAN, RICHARD S.	2,448,978	ORION CORPORATION	2,448,499	PATTURAJAN, MEERA	2,448,073
NORSK HYDRO ASA	2,448,617	FERMION	2,448,981	PATTURAJAN, MEERA	2,449,341
NORSK HYDRO ASA	2,448,640	ORSER, CINDY	2,449,341	PATTURAJAN, MEERA	2,451,454
NORSK HYDRO ASA	2,448,675	ORT, TATIANA	2,449,341	PAUL WURTH S.A.	2,449,236
NORTEL NETWORKS LIMITED	2,448,781	ORTHO-CLINICAL DIAGNOSTICS, INC.	2,448,803	PAUL, CHARLES W.	2,448,664
NORTH CAROLINA STATE UNIVERSITY	2,448,899	ORTHO-CLINICAL DIAGNOSTICS, INC.	2,451,168	PAULSEN, CRAIG A.	2,449,499
NORTHROP, WILLIAM F.	2,448,776	ORTHO-MCNEIL PHARMACEUTICAL, INC.	2,449,017	PAULSEN, JANET ELIZABETH	2,449,649
NOTTINGHAM, JOHN R.	2,449,416	ORTHO-MCNEIL PHARMACEUTICAL, INC.	2,449,934	PAULUS, JOE	2,449,423
NOTTINGHAM-SPIRK PARTNERS, LLC	2,449,416	OSAKI ELECTRIC CO., LTD.	2,448,945	PAULY, STEVEN J.	2,448,683
NOVARTIS AG	2,449,213	OSBORN, BROCK ESTEL	2,448,619	PAXTON, DAVID	2,448,731
NOVARTIS AG	2,449,234	OSCARSSON, MATTIAS	2,449,246	PE CORPORATION (NY)	2,442,944
NOVARTIS AG	2,450,113	OSGOOD, ANTHONY	2,447,955	PEARSON, NEIL DAVID	2,448,525
NOVOZYMES A/S	2,440,841	OSRAM OPTO SEMICONDUCTORS GMBH	2,448,529	PEARSON, SCOTT D.	2,449,301
NOZDRIN, IGOR VIKTOROVICH	2,449,107	OSTMAN, ROBERT	2,449,094	PEASE, JACQUELINE K.	2,448,701
NUNES, RAUL VICTORINO	2,448,954	O'SULLIVAN, COLLEEN M.	2,442,817	PECORA, RONALD A., JR.	2,448,568
NUNN, STEPHEN LANARD	2,449,514	OTA, KENJI	2,448,688	PEDEMONTE, RONALD	2,449,113
NUNN, STEPHEN LANNARD	2,449,513	OTTE, ARIE PIETER	2,450,020	PEDERSEN, HENRIK	2,440,841
NUVERA FUEL CELLS	2,448,662	OUSSOREN, CHRISTIEN	2,448,856	PEIER, ANDREA	2,450,113
NUVERA FUEL CELLS, INC.	2,448,776	OUSSOREN, CHRISTIEN	2,448,858	PEIRON, BENJAMIN ARTHUR MARIE	2,449,128
NYMOX CORPORATION	2,446,480	OUTRIGGER, INC.	2,448,583	PELAZ, SORAYA	2,446,547
OBERLE, JEAN	2,448,936	OVERMAN, RICK	2,450,561	PELIKAN TECHNOLOGIES, INC.	2,448,790
OBRESTAD, TORSTEIN	2,448,617	OVONIC BATTERY COMPANY, INC.	2,447,955	PELIKAN TECHNOLOGIES, INC.	2,448,902
O'BRIEN, EDWARD J.	2,449,785	OVSHINSKY, STANFORD R.	2,447,955	PELIKAN TECHNOLOGIES, INC.	2,448,905
O'BRIEN, PATRICK C.	2,449,398	PACIOTTI, GIULIO F.	2,448,607	PELLETIER, ALEX	2,450,871
OCHIAI, MASANAO	2,449,047	PADIGARU, MURALIDHARA	2,448,073	PELLEGRINO, RICHARD C.	2,449,568
O'CONNOR, PAUL	2,449,325	PADIGARU, MURALIDHARA	2,449,341	PENA, CAROL E. A.	2,448,073
O'CONNOR, PAUL	2,449,404	PADIGARU, MURALIDHARA	2,451,454	PENA, CAROL E. A.	2,451,454
O'CONNOR, PAUL	2,449,406	PALANKER, DANIEL V.	2,449,783	PENA, CAROL E., A.	2,449,341
ODDEIS S.A.	2,449,211	PALLEN, MARK	2,450,939	PENTAL, DEEPAK	2,449,250
ODENBAUGH, AMY L.	2,449,426	PALMGREN, ODD	2,448,617	PERRET, JEAN-PAUL	2,448,535
O'DONOVAN, JOHN P.	2,448,454			PERRET, MAURICE	2,449,211
				PERRICONE, NICHOLAS V.	2,448,596
				PERTSIKOV, BORIS	2,448,631
				PEST, ANDREA	2,449,204
				PESTLIN, GABRIELE	2,450,548
				PETERS, DAN	2,448,913
				PETERS, FREDERICK H.	2,448,767

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PEYMAN, JOHN A.	2,451,454	CORP.	2,449,498	RAYMOND, JEAN	2,449,137
PFAU, CHRISTIAN	2,448,816	PRATT & WHITNEY CANADA		RECKITT BENCKISER (UK)	
PFEIFFER, BRUNO	2,448,191	CORP.	2,449,500	LIMITED	2,448,650
PFEIFFER, BRUNO	2,448,197	PRATT & WHITNEY CANADA		REDDIG, RALPH E.	2,448,495
PFITZNER, EDITH	2,450,179	CORP.	2,449,501	REDDY, SATISH	2,449,503
PFIZER PRODUCTS INC.	2,448,553	PRATT & WHITNEY CANADA		REDMOND, RUSSEL J.	2,448,493
PFIZER PRODUCTS INC.	2,448,722	CORP./PRATT & WHITNEY		REEVES, WILLIAM GROVER	2,449,513
PFIZER PRODUCTS INC.	2,448,825	CANADA CIE.	2,443,962	REEVES, WILLIAM GROVER	2,449,514
PFIZER PRODUCTS INC.	2,448,864	PRATT & WHITNEY CANADA		REGUEIRO-REN, ALICIA	2,449,077
PHARMACIA CORPORATION	2,448,627	CORP./PRATT & WHITNEY		REICHERT, KLAUS	2,450,548
PHARMACIA CORPORATION	2,450,950	CANADA CIE.	2,443,979	REIFEL-MILLER, ANNE	2,449,256
PHARMAGENESIS, INC.	2,448,775	PRATT & WHITNEY CANADA		RENARD, PIERRE	2,448,191
PHARMAGENESIS, INC.	2,448,795	CORP./PRATT & WHITNEY		RENARD, PIERRE	2,448,197
PHILIPPOV, VLADIMIR		CANADA CIE.	2,443,981	RENTECH, INC.	2,449,033
BORISOVICH	2,449,107	PRESSCO TECHNOLOGY, INC.	2,449,508	RESEARCH IN MOTION	
PHILLIPS, EARL K.	2,448,330	PREVOST, GREGOIRE	2,448,528	LIMITED	2,448,962
PHILLIPS, MARC S.	2,448,979	PRICE, CHRISTOPHER H.	2,449,426	RESTA, STEFANO	2,448,897
PHINNEY, JOHN	2,449,081	PRIETO, LOURDES	2,449,256	RESTA, STEFANO	2,448,903
PICKUP, PETER GRAHAM	2,448,977	PRISMEDICAL CORPORATION	2,448,696	REUTER-STOKES, INC.	2,448,815
PIERRE, ALAIN	2,448,191	PROFESSIONAL DIETETICS		REVIVANT CORPORATION	2,448,060
PIERRE, ALAIN	2,448,197	S.R.L.	2,448,745	REYNOLDS, MICHAEL P.	2,448,604
PIGANELLI, JON D.	2,449,024	PROFOS AG	2,450,572	RHAMY, PRESTON JAMES	2,449,233
PINTO, JOSEPH	2,448,898	PROHOROV, VALERIY		RHEIN, DAVID A.	2,448,487
PINTSOV, LEON A.	2,448,683	VASILJEVICH	2,449,107	RHEIN, RALPH	2,449,790
PIONEER HI-BRED		PROSANOS CORPORATION	2,448,915	RHEON AUTOMATIC	
INTERNATIONAL, INC.	2,449,782	PROUDFOOT, JOHN R.	2,449,486	MACHINERY CO. LTD.	2,449,539
PIONEER HI-BRED		PROVOST, GEORGE A.	2,448,996	RHOBIO	2,449,273
INTERNATIONAL, INC.	2,451,517	PRUSCINO, ANGELO	2,448,614	RHODE ISLAND HOSPITAL, A	
PIOTROWSKI, CHESTER	2,449,301	PRZEWSOBY, MICHAEL	2,448,038	LIFESPAN PARTNER	2,447,367
PIRELLI & C. S.P.A.	2,449,018	PUBLIC WAREHOUSING		RHODE ISLAND HOSPITAL, A	
PIRELLI & C. S.P.A.	2,449,023	COMPANY KSC	2,448,766	LIFESPAN PARTNER	2,448,863
PIRONE, WALTER	2,448,490	PUCHE, MARTA	2,448,559	RICHARD, ALAIN	2,448,535
PIROT, FRANCOIS-XAVIER	2,447,863	PUNG, DAVID JOHN	2,449,232	RICHARDSON, THOMAS W.	2,450,067
PITNEY BOWES INC.	2,448,683	PURIFICATION PRODUCTS		RICHARDSON, THOMAS W.	2,450,925
PLACHETKA, JOHN R.	2,449,098	LIMITED	2,447,950	RICHARDSON, THOMAS W.	2,450,969
PLANT, SHAUN	2,448,972	QI, CHUNMING FRANK	2,448,776	RIEGER, DANIEL K.	2,449,341
PLASTERK, RONALD H. A.	2,448,153	QI, ZHIGANG	2,448,977	RIEGER, DANIEL K.	2,451,454
PLIVA D.D.	2,443,381	QUAGLIA, MAURO	2,448,987	RIETZE, RODNEY LEE	2,449,979
PLOWMAN, GREGORY D.	2,449,267	QUALCOMM, INCORPORATED	2,448,979	RIEVERT, WILLIAM J.	2,448,601
PLOWMAN, GREGORY D.	2,449,270	QUALLS, MICHAEL R.	2,448,487	RIGLER, RUDOLF	2,449,190
PLOWMAN, GREGORY D.	2,449,275	QUESSELAIRE, DOMINIQUE	2,448,301	RIJPERS, JOHANNES C. N.	2,449,122
PLOWMAN, GREGORY D.	2,449,281	QUICK, GILBERT C., JR.	2,448,780	RIJPERS, JOHANNES C. N.	2,449,429
PLOWMAN, GREGORY D.	2,449,289	QUICK, JEFFREY W.	2,443,962	RILEY, JAMES M.	2,449,457
POLA CHEMICAL INDUSTRIES		QUICKUTZ, INC.	2,448,368	RING, EDMUND J.	2,449,301
INC.	2,449,802	QUINN, FRANCIS XAVIER	2,449,174	RITE-HITE HOLDING	
POLIZZOTTI, RICHARD S.	2,449,302	RABINKOV, AHARON	2,448,896	CORPORATION	2,448,941
POMERLEAU, DENIS	2,448,536	RADHAKRISHNAN,		RITTO, PATRICK	2,448,614
PONSAERTS, PETER	2,451,389	BALASINGAM	2,449,426	RIVEIRO INSUA, JUAN CARLOS	2,448,453
POOTH, RAINER	2,448,829	RADZIK, MARGARET M.	2,449,785	ROB, ERIC	2,448,940
POPIELAS, FRANK W.	2,448,842	RAHN, MICHAEL W.	2,449,074	ROBERTS, CHARLES D.	2,443,139
POPOVICH, GEORGE	2,448,989	RAHUL, HARIHARAN		ROBERTS, KIM B.	2,448,781
POPP, FRIEDRICH	2,450,548	SHANKAR	2,450,394	ROBINS, HOWARD M.	2,448,842
POPP, MICHAEL A.	2,449,521	RAITANO, ARTHUR B.	2,442,993	ROBINSON, ALLAN	2,448,766
PORTER ENGINEERED		RAITANO, ARTHUR B.	2,443,088	ROBINSON, BYRON C.	2,448,562
SYSTEMS, INC.	2,448,372	RAJBHANDARI, NIRMALA	2,448,711	ROBINSON, JOHN ALLEN	2,446,582
PORTER, MARCUS	2,448,932	RAMASWAMY, KUMAR	2,447,919	ROBINSON, PAUL	2,448,650
PORTOLA PACKAGING, INC.	2,449,494	RAMIRO MANZANO, ANGEL	2,448,453	ROBL, INGRID	2,450,572
POTEET, ROBERT F.	2,449,074	RAMKUMAR, JAYALAXMI	2,450,067	ROCHE VITAMINS AG	2,449,885
POULOSE, AYROOKARAN J.	2,448,861	RAMKUMAR, JAYALAXMI	2,450,921	ROCHE, FIONA	2,450,939
POUPART, MARC-ANDRE	2,450,033	RAMKUMAR, JAYALAXMI	2,450,925	RODGERS, ANTHONY P.	2,448,664
POZEN INC.	2,449,098	RAMKUMAR, JAYALAXMI	2,450,969	RODRIGUEZ, DOROTHY	2,448,828
PRADIER, JEAN-CLAIR	2,448,087	RANCOURT, JEAN	2,450,033	RODRIGUEZ, LAWRENCE G.	2,449,022
PRATER, DEREK ALLAN	2,448,927	RANCOURT, SUSAN L.	2,442,817	ROE, DONALD CARROLL	2,449,027
PRATT & WHITNEY CANADA		RAO, MIKKAVILLI VENKATA		ROEHR, EILEEN	2,449,025
CORP.	2,449,481	SUBBA	2,431,773	ROGERS, MARK	2,449,483
PRATT & WHITNEY CANADA		RAPONI, MITCH	2,451,168	ROGERS, WARREN F.	2,442,537
CORP.	2,449,483	RASTELLI, LUCA	2,448,073	ROHM GMBH & CO. KG	2,449,035
PRATT & WHITNEY CANADA		RASTELLI, LUCA	2,449,341	ROJO, ISABEL	2,449,256
CORP.	2,449,497				

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RONDEAU, MARK J.	2,448,527	SATO, HIDEAKI	2,448,874	SHARKEY, HUGH R.	2,449,375
ROOT, RICHARD TERRY	2,449,243	SAUNDERS, OLIVER L.	2,448,319	SHARKEY, HUGH R.	2,449,379
ROSA, ALESSANDRO	2,449,045	SAUNIER, JACQUES	2,448,535	SHARP KABUSHIKI KAISHA	2,447,138
ROSE, GEORDIE	2,448,682	SAVONITTI, ORIANA	2,448,870	SHARP, MATTHEW J.	2,449,770
ROSEDALE, MATTHEW P.	2,449,081	SAWAI, YOSHIHIRO	2,449,066	SHAW, ANTONY N.	2,449,770
ROSEMOUNT ANALYTICAL, INC.	2,448,354	SCHAEFFER, MARK N.	2,448,439	SHAW, JAMES D.	2,448,803
ROSEN, STEVEN E.	2,449,103	SCHAFFERNAK, ROBERT	2,448,054	SHEEHAN, PATRICK M.	2,448,489
ROSENBERGER, VERED	2,448,558	SCHAUSS, DAGMAR	2,449,095	SHELL INTERNATIONALE RESEARCH	
ROSNER, WARREN M.	2,448,959	SCHAUSS, DAGMAR	2,449,097	MAATSCHAPPIJ B.V.	2,449,037
ROSSI, PAOLO	2,449,512	SCHAUSS, DAGMAR	2,449,109	SHELL INTERNATIONALE RESEARCH	
ROSSITER, STUART GEORGE	2,448,629	SHELL, FRANK CHARLES III	2,447,945	MAATSCHAPPIJ B.V.	2,449,203
ROTECH HOLDINGS LIMITED	2,449,506	SCHENZ, TIMOTHY W.	2,449,053	SHEN, HENRY	2,449,890
ROTH, JAMES R.	2,449,086	SCHENZ, TIMOTHY W.	2,449,059	SHEN, QUAN RONG	2,448,552
ROTHENBERG, MARK E.	2,449,341	SCHLEMMER, KARL-HEINZ	2,449,095	SHEN, YUQIAO	2,449,013
ROTHENBERG, MARK E.	2,451,454	SCHLEMMER, KARL-HEINZ	2,449,097	SHENOY, SURESH G.	2,449,341
ROUSE, BILL	2,444,086	SCHLEMMER, KARL-HEINZ	2,449,109	SHENOY, SURESH G.	2,451,454
ROVERO, PAOLO	2,451,347	SCHLUMBERGER SYSTEMES	2,448,301	SHEPARD, WILLIAM H.	2,448,996
ROWE, JOHN	2,448,366	SCHMIDT, CRAIG L.	2,448,593	SHERMAN, AMIR	2,432,882
ROWE, ROBERT K.	2,448,761	SCHMIDT, DIETER	2,449,138	SHERMAN, DARREN R.	2,448,060
ROWLANDS, LINDSAY	2,450,131	SCHMIDT, GIINPING IRENE	2,449,025	SHERMAN, DARREN R.	2,449,232
ROY, IPSITA	2,431,773	SCHMIDT, MICHAEL	2,449,060	SHERY, ALAN EDWARD	2,449,232
ROYAL LUBRICANTS, INC.	2,449,778	SCHMIDT-JOERG, PETRA	2,449,217	SHI, FENG	2,448,781
ROYER, RONNIE S.	2,444,086	SCHMITT, GENEVIEVE	2,448,739	SHICHIJO, SHIGEKI	2,450,692
ROZHDESTVENSKIY, VLADIMIR		SCHMUCK, RAINER	2,450,548	SHIKOV, ALEKSANDR KONSTANTINOVICH	2,449,107
VLADIMIROVICH	2,449,107	SCHNEIDER, ROLAND	2,448,687	SHIMAMURA, MITSURU	2,450,022
RUANA, BRUCE M.	2,449,373	SCHNEIDINGER, BERND	2,450,548	SHIMIZU, ISAO	2,448,764
RUBICON MEDICAL, INC.	2,449,558	SCHUCH, CHRISTIAN	2,449,213	SHIMIZU, TOSHIHIRO	2,448,760
RUBICON MEDICAL, INC.	2,449,721	SCHOHE-LOOP, RUDOLF	2,448,811	SHIMIZUGAWA, TETSUYA	2,450,022
RULE, JULIE CHARLENE	2,448,777	SCHOLZ, CHRISTIAN	2,450,476	SHIMKETS, RICHARD A.	2,448,073
RULLIERE, CLAUDE-ANTOINE	2,448,936	SCHONFELD, ANDREAS	2,449,170	SHIMKETS, RICHARD A.	2,449,341
RUSSO, PASQUALE	2,449,045	SCHOofs, LILIANE AMELIE HENRICA	2,450,502	SHIMKETS, RICHARD A.	2,451,454
RUUD, ANDERS	2,448,640	SCHUH, LOREN R.	2,451,402	SHIMOI, AKIHITO	2,448,509
RUUD, ANDERS	2,448,675	SCHUH, WOLFGANG	2,449,782	SHIMOMURA, HIROKI	2,448,586
RYAN, FREDERICK W., JR.	2,448,683	SCHULER, GEROLD	2,451,389	SHIN, MELANIE	2,448,703
RYAN, S. ERIC	2,449,111	SCHULTE, PETER S.	2,448,941	SHIRAHASE, HIROAKI	2,448,634
RYCHNOVSKY, STEV	2,448,562	SCHULTZ, JOACHIM	2,447,110	SHIRAHASE, HIROAKI	2,448,639
RYOO, CHAI MOK	2,449,257	SCHUMACHER, RALF	2,449,290	SHIRAI, KATSUYA	2,448,832
RYU, ILHYONG	2,449,445	SCHUTZ, GREGOR	2,449,502	SHOWELL, MICHAEL STANFORD	2,448,861
S. C. JOHNSON HOME STORAGE, INC.	2,449,758	SCHUTZE-REDELMEIER, MARIE-PAUL	2,449,873	SHUSTER, SAMUEL	2,448,829
S.H. LEGGITT COMPANY	2,449,089	SCHWALLIE, SCOTT	2,448,803	SIDDIQUI, SARIM	2,448,613
SABLOFF, BARRY M.	2,447,945	SCHWARTE, STEPHAN	2,449,210	SIEBARTH, JAMES E.	2,449,033
SADOW, BERNARD D.	2,448,583	SCHWARZ, WALTER	2,448,078	SIEGEL, NED R.	2,450,950
SADOW, BRIAN D.	2,448,583	SCHWERIN, CHUCK	2,448,770	SIEMENS	
SAES GETTERS S.P.A.	2,446,560	SCIALLA, STEFANO	2,448,897	AKTIENGESELLSCHAFT	2,448,539
SAFFRAN, DOUGLAS	2,443,088	SCIALLA, STEFANO	2,448,903	SIEMENS	
SAGAWA, HIROAKI	2,450,397	SCIMED LIFE SYSTEMS INC.	2,451,810	AKTIENGESELLSCHAFT	2,448,685
SAINATI, ROBERT A.	2,449,301	SEALEDMEDIA LIMITED	2,448,555	SIEMENS	
SAKAI, HIROTAKA	2,448,068	SEBASTIAN, PATRICK	2,449,129	AKTIENGESELLSCHAFT	2,448,710
SAMPSON, JACQUELYN S.	2,449,715	SEEHerman, HOWARD JOEL	2,449,713	SIEMENS	
SAMUEL, FRANCIS	2,448,535	SEIDEL, CHRISTOPH	2,450,548	AKTIENGESELLSCHAFT	2,448,710
SAMYANG CORPORATION	2,449,244	SEIKO EPSON CORPORATION	2,449,058	SIGLER, GERALD F.	2,449,243
SAND, THEODORE	2,448,762	SEKOGUCHI, YOSHINORI	2,447,138	SILVA, JEFFREY C.	2,432,882
SANDBERG, ODD	2,448,799	SELECT COMFORT CORPORATION	2,449,094	SILVERMAN, RONALD J.	2,448,527
SANDS, STEVEN BRADLEY	2,448,553	SELVARAJ, GOPALAN	2,449,810	SIMMONS, CARL R.	2,451,517
SANDVIK, EYSTEIN	2,448,640	SENSORMATIC ELECTRONICS CORPORATION	2,449,427	SIMON, OLIVER	2,448,370
SANIN, ANDREI	2,449,515	SEO, MIN-HYO	2,449,244	SIMONSEN, TOBIAS L.	2,451,402
SANJANWALA, MADHUSUDAN M.	2,450,969	SEPEZ, THOMAS	2,448,614	SIMPSON, NEIL ANDREW ABERCROMBIE	2,448,691
SANKYO COMPANY, LIMITED	2,450,022	SERGUERA, CHE	2,448,947	SINNIGE, LAURENCE ANTHONY	2,449,735
SANOFI-SYNTHELABO	2,448,561	SERKH, ALEXANDER	2,448,919	SIPIX IMAGING, INC.	2,448,440
SANTAOLALLA GIL, JOAQUIN	2,449,516	SERVATY, SABINE	2,449,035	SIPIX IMAGING, INC.	2,448,804
SARANTITIS, ANDREAS	2,448,727	SETHURAMAN, GOPALAKRISHNAN	2,448,888	SIRKIS, JAMES	2,448,898
SARISKY, ROBERT T.	2,449,770	SEYOUM, GHIRMAY	2,449,035	SITZMANN, EUGENE VALENTINE	2,449,242
SARKIS, CHAMSY	2,448,947	SHANKER, RAVI MYSORE	2,448,825	SIXTO, ROBERT JR.	2,449,432
SARTORI, PETER	2,449,060	SHANKER, RAVI MYSORE	2,448,864	SIZMANN, DOROTHEA	2,450,476
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SLUIS-CREMER, NICOLAS	2,450,871	STASTNY, JAN HONZA	2,449,481	ZSUZSANNA	2,448,561
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SMITH, DARYL LYNN	2,448,552	TRUST COMPANY	2,449,785	SZNAIDMAN, MARCOS	2,442,979
SMITH, JOHN ANTHONY	2,449,409	STATOIL ASA	2,448,686	SZOMMER, HARRY WALTER	
SMITH, ROGER A.	2,448,909	STAUDIGEL, JAMES ANTHONY	2,448,777	PAUL	2,447,949
SMITH, STEVEN B.	2,448,959	STEELE, LONDON	2,448,861	T. NAGY, LAJOS	2,448,561
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	2,448,759	STORA, THIERRY	2,448,496	INDUSTRIES, LTD.	2,448,760
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A.S.)	2,448,528	STURTON, GRAHAM	2,449,109	TAMBER, HARJIT	2,448,927
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NESTLE S.A.	2,442,694	STUTTAFORD, PETER	2,443,979	TAN, RUSUNG	2,449,990
SOCIETE TECHNIQUE POUR		STUTTAFORD, PETER J.	2,449,497	TAN, YONGJUN	2,447,116
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SONY CORPORATION	2,448,832	SUGO, TSUKASA	2,450,678	TANGHOJ, ALLAN	2,448,821
SONY CORPORATION	2,449,067	SUH, DONG TACK	2,447,952	TAP PHARMACEUTICAL	
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