

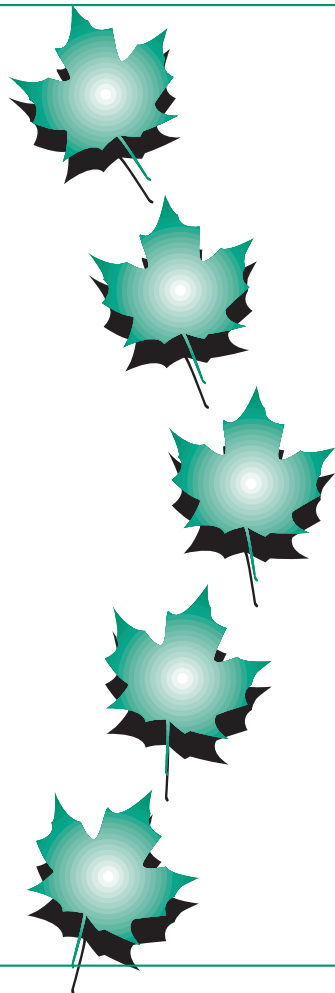


**Canadian
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**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

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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-Hull, Canada, to whom all communications other than those concerning subscriptions or requests for single copies should be addressed.

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

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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

2. Country Code

A complete list of country codes has been published in the issue of April 29, 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-Hull, Canada K1A 0C9.

4. Class Schedules and Definitions

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

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

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

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

2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 29 avril 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-Hull, Canada K1A 0C9.

4. Listes et définitions des classes

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

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

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

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 0.50\$ par page en visitant notre site web au www.strategis.ic.gc.ca/brevetscommande ou en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

Notices

6. Orders for Patents by Class or Sub-Class

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

7. Advice on Making a Patent Application

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

8. Licensing of Patents

Voluntary Licences

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

Compulsory Licences

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

9. Patents Available for Licence or Sale

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

6. Commande de brevets par classe ou sous-classe

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

7. Conseils relatifs à la préparation de demandes de brevets

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

8. Octroi de licences en vertu des brevets

Licences librement accordées

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

Licences obligatoires

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

9. Brevets disponibles pour licence ou vente

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

Avis

10. List of Patents Available for Licence or Sale

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

2,222,602

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.

2,222,602

11. Demandes mises à la disponibilité du public

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

12. Langue du document publié

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

Notices

13. Patent Cooperation Treaty (PCT)

SCHEDULE OF FEES APPLICABLE AS OF JUNE 1, 2003

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

4. **International Search Fee** 1,552.00
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

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

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

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

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

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

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

BARÈME DE TAXES À PARTIR DU 1 JUIN 2003

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

4. **Taxe de recherche internationale** 1 552,00
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadiens et sont payables au Receveur Générale du Canada.

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

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

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

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

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

14. PCT notices

PCT Signature Requirements

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

Patent Cooperation Treaty (PCT)

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

15. NOTICE ON FEE REVIEW

Notice is hereby given that the Governor in Council has approved amendments to the *Rules amending the Patent Rules* as well as *Regulations amending the Trade-marks Regulations (1996)*, the *Industrial Design Regulations and the Copyright Regulations*.

The fee changes apply to patents, trade-marks, industrial designs and copyrights. These changes will facilitate client-driven service improvements and introduce fees for new services such as an International Searching Authority (ISA) and International Preliminary Examining Authority (IPEA). The fee changes will come into force on **January 1, 2004** except those relating to ISA/IPEA.

In addition to fee changes, a series of minor administrative changes to the *Patent Rules* and to the *Copyright Regulations* are also being introduced. These administrative changes came into force on **June 5, 2003**, with the exception of those noted below.

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. AVIS DE RÉVISION DES TARIFS

Avis est par la présente donné que la gouverneure en Conseil a approuvé des modifications aux *Règles modifiant les Règles sur les brevets ainsi que les Règlements modifiant le Règlement sur les marques de commerce (1996)*, le *Règlement sur les dessins industriels et le Règlement sur le droit d'auteur*.

Les modifications tarifaires visent les brevets, les marques de commerce, les dessins industriels et les droits d'auteur. Ces modifications permettront de mettre en place des améliorations au chapitre des services axés sur le client et d'imposer des frais pour de nouveaux services, tels que ceux qui seront fournis par l'administration chargée de la recherche internationale (ACRI) et l'administration chargée de l'examen préliminaire international (ACEPI). Les modifications concernant les tarifs entreront en vigueur le **1er janvier 2004**, à l'exception des tarifs liés à l'ACRI et l'ACEPI.

Outre les modifications tarifaires, une série de modifications administratives sont apportées aux *Règles sur les brevets* et au *Règlement sur le droit d'auteur*. Ces modifications administratives sont entrées en vigueur le **5 juin 2003**, à l'exception de celles mentionnées ci-dessous.

Notices

The administrative and fee changes related to the ISA and IPEA services will come into force in the second half of 2004.

The changes were published in Part II of the *Canada Gazette* on June 18, 2003. An extract of the *Canada Gazette* containing the changes, as well as the Regulatory Impact Analysis Statement, can be accessed on the Canadian Intellectual Property Office (CIPO) Web site at: www.cipo.gc.ca. A master list comparing the new fees with the previous fee structure and an explanatory note (*see below*) are also posted on CIPO's Web site.

You may obtain a paper copy of the *Canada Gazette*, Part II (Vol. 137, No.13, SQR/2003-208 to 211 for patents, trade-marks, industrial designs and copyrights), by contacting: Canadian Government Publishing, Communication Canada, Ottawa, Canada, K1A 0S9, at (613) 956-4802.

Explanatory Note on the Changes to the Rules amending the Patent Rules as well as Regulations amending the Trade-marks Regulations (1996), the Industrial Design Regulations and the Copyright Regulations

Fee Schedule

The majority of the new fees for patents, trade-marks, industrial designs and copyrights will come into force on **January 1, 2004**. The patent fees with respect to the Canadian Intellectual Property Office's (CIPO) functioning as an International Searching Authority (ISA) and International Preliminary Examining Authority (IPEA) will come into force in the second half of 2004, once CIPO begins to offer these new services.

This new fee schedule will apply to pending patent applications and granted patents, regardless of whether or not these were filed or granted prior to January 1, 2004. The same principle will apply to pending applications and registrations (for trade-marks, industrial designs or copyrights), regardless of whether or not these were filed or registered prior to January 1, 2004.

For more details, please refer to Part II of the *Canada Gazette* or the master list which compares the new fees with the previous fee structure. These documents are accessible on the Canadian Intellectual Property Office (CIPO) Web site: www.cipo.gc.ca.

Les modifications administratives et tarifaires concernant les nouveaux services d'ACRI et d'ACEPI entreront en vigueur dans la deuxième moitié de 2004.

Les modifications ont été publiées dans la Partie II de la *Gazette du Canada* le 18 juin 2003. L'extrait de la *Gazette du Canada* portant sur les modifications ainsi que le Résumé de l'étude d'impact de la réglementation sont accessibles à partir du site Web de l'Office de la propriété intellectuelle du Canada (OPIC) à : www.opic.gc.ca. Une liste de contrôle des tarifs qui présente les tarifs avant et après les modifications et une note explicative (*voir ci-dessous*) sont également affichées sur le site Web de l'OPIC.

Vous pouvez vous procurer un exemplaire papier de la *Gazette du Canada*, Partie II (Vol. 137, no 13, DORS/2003-208 à 211 pour les brevets, les marques de commerce, les dessins industriels et les droits d'auteur), en vous adressant à : Les Éditions du gouvernement du Canada, Communication Canada, Ottawa, Canada, K1A 0S9, au (613) 956-4802.

Note explicative sur les modifications concernant les Règles modifiant les Règles sur les brevets ainsi que les Règlements modifiant le Règlement sur les marques de commerce (1996), le Règlement sur les dessins industriels et le Règlement sur le droit d'auteur

Annexe des tarifs

La majorité des nouveaux tarifs concernant les brevets, les marques de commerce, les droits d'auteur et les dessins industriels entreront en vigueur le **1er janvier 2004**. Les tarifs sur les brevets concernant les fonctions de l'Office de la propriété intellectuelle du Canada (OPIC) en qualité d'administration chargée de la recherche internationale (ACRI) et d'administration chargée de l'examen préliminaire international (ACEPI) entreront en vigueur dans la deuxième moitié de 2004, lorsque l'OPIC offrira ces nouveaux services.

Cette nouvelle annexe des tarifs s'appliquera aux demandes de brevet en instance et aux brevets, qu'elles soient ou non déposées ou qu'ils soient ou non octroyés avant le 1er janvier 2004. Le même principe s'appliquera aux demandes d'enregistrement en instance et aux enregistrements (de marques de commerce, de dessins industriels ou de droits d'auteur) qu'elles soient ou non déposées ou qu'ils soient ou non enregistrés avant le 1er janvier 2004.

Pour plus de renseignements, veuillez vous référer à la Partie II de la *Gazette du Canada* ou à la liste de contrôle des tarifs qui présente les tarifs avant et après modifications. Ces documents sont accessibles à partir du site Web de l'Office de la propriété intellectuelle du Canada (OPIC) à www.opic.gc.ca

Avis

Patent Rules

Amendments to sections 2, 13 and 88 of the *Patent Rules* came into force on **June 5, 2003**.

These amendments dealt with minor administrative changes for the purpose of:

- clarifying the definition of a basic patent application to distinguish it from a more specialized patent application, a reissued application;
- updating the name of a professional association; and
- enabling an applicant to identify the office of filing when making a request for priority based on a filing in a regional Office, such as the European Patent Office, or a filing of an international application in a receiving Office. This change is complementary to a minor amendment made to subsection 28.4(2) of the *Patent Act*, as part of the *Miscellaneous Statute Law Amendment Act, 2001*.

Administrative amendments to the *Patent Rules*, in relation to the functioning of CIPO as an International Searching Authority and International Preliminary Examining Authority will enter into force in second half of 2004 in conjunction with the fees associated with these services.

For more details, please refer to Part II of the *Canada Gazette*.

16. Canadian Laid-Open Applications

The Patent Office Record of June 24, 2003 contains laid-open applications from June 1, 2003 - June 7, 2003.

Règles sur les brevets

Les modifications apportées aux articles 2, 13 et 88 des *Règles sur les brevets* sont entrées en vigueur le **5 juin 2003**.

Ces modifications concernent des mesures administratives internes afin :

- de préciser la définition d'une demande de brevet de base qui se distingue d'une demande de brevet spécialisée, c'est-à-dire d'une demande de redélivrance;
- de mettre à jour le nom d'une association professionnelle;
- de permettre à un demandeur d'indiquer à quel office a été déposée sa demande de brevet lorsqu'il fait une demande de priorité fondée soit sur une demande déposée auprès d'un office régional, tel que l'Office européen des brevets, ou sur une demande internationale déposée auprès d'un office récepteur. Ce changement vient s'ajouter à une modification mineure apportée au paragraphe 28.4(2) de la *Loi sur les brevets* dans le cadre de la *Loi corrective de 2001*.

Les modifications administratives apportées aux *Règles sur les brevets*, concernant les fonctions de l'OPIC en qualité d'administration chargée de la recherche internationale et d'administration chargée de l'examen préliminaire international entreront en vigueur dans la deuxième moitié de 2004, conjointement avec les tarifs liés à ces nouveaux services.

Pour plus de renseignement, veuillez vous référer à la Partie II de la *Gazette du Canada*.

16. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 1 juin 2003 - 7 juin 2003

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[72] CERRETTI, DOUGLAS P., US
[72] CONLON, PAUL J., III, US
[72] COSMAN, DAVID J., US
[72] GRABSTEIN, KENNETH H., US
[72] HOPP, THOMAS P., US
[72] KRONHEIM, SHIRLEY R., US
[72] LARSEN, ALF D., US
[72] MARCH, CARL J., US
[72] PRICE, VIRGINIA L., US
[73] CISTRON BIOTECHNOLOGY, INC., US

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[11] **2,012,311**
[13] C

[51] **Int.Cl. 5C12N 15/87 5A61K 48/00 6C07K 17/02 5C12N 5/10 5A61K 47/48 5A61K 31/70 6C07K 14/79**
[25] EN
[54] **NEW PROTEIN-POLYCATION-CONJUGATE**
[54] **NOUVEAU PRODUIT DE CONJUGAISON PROTEINE-POLYCATION**
[72] COTTEN, MATTHEW, AT
[72] BIRNSTIEL, MAX L., AT
[72] BEUG, HARTMUT, AT
[72] WAGNER, ERNST, AT
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[30] AT (A 610/89) 1989-03-16

[11] **2,034,145**
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[51] **Int.Cl. 5A23G 3/00**
[25] EN
[54] **CONFECTIONERY PRODUCT MADE OF PROTEIN AND CARBOHYDRATE MATERIALS PRESENT IN A RELATIVE WEIGHT RATIO HIGHER THAN 1**
[54] **PRODUIT DE CONFISERIE A BASE DE MATIERES PROTEINIQUES ET GLUCIDIQUES PRESENTANT UN RAPPORT PONDERAL RELATIF SUPERIEUR A 1**
[72] JONES, DENNIS, CA
[73] BARIATRIX PRODUCTS INTERNATIONAL INC., CA
[22] 1991-01-15

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[54] **EPREUVE CUTANEE DE DEPISTAGE DU PAPILOMAVIRUS HUMAIN DE TYPE 16**
[72] HOPFL, REINHARD, AT
[72] JOCHMUS-KUDIELKA, INGRID, US
[72] GISSMANN, LUTZ, DE
[73] DADE BEHRING MARBURG GMBH, DE
[22] 1991-07-16
[30] DE (G 91 06 105.9) 1991-05-17

[11] **2,053,656**
[13] C

[51] **Int.Cl. 5C08L 93/00 5C08L 71/12**
[25] EN
[54] **SODIUM FORMATE FLUIDIZED POLYMER SUSPENSIONS**
[54] **SUSPENSIONS POLYMERIQUES FLUIDISEES, PREPAREES AVEC DU FORMIATE DE SODIUM**
[72] BURDICK, CHARLES L., US
[72] PULLIG, JACKIE N., US
[73] AQUALON COMPANY, US
[22] 1991-10-17
[30] US (600,745) 1990-10-22

[11] **2,055,173**
[13] C

[51] **Int.Cl. 5E21B 33/126**
[25] EN
[54] **WELLBORE PACKER WITH SHEARABLE ANTI-ROTATION LOCKING MEMBER**
[54] **GARNITURE D'ETANCHEITE DOTE E D'UN DISPOSITIF DE VERROUILLAGE ANTIROTATION A RUPTURE PAR CISAILLEMENT, POUR PUIITS DE PETROLE**
[72] BURTNER, JAMES C., III, US
[72] FORD, RANDLE E., US
[72] BERZIN, VEL, US
[72] MODY, RUSTOM K., US
[73] BAKER HUGHES INCORPORATED, US
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[72] MIZUNO, YUKIO, JP
[72] ARITA, MIICHIRO, JP
[73] TAKEDA CHEMICAL INDUSTRIES,
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COMPOUNDS, THEIR PRODUCTION
AND USE
[54] COMPOSES HETEROCYCLIQUES
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[72] NAKA, TAKEHIKO, JP
[72] INADA, YOSHIYUKI, JP
[73] TAKEDA CHEMICAL INDUSTRIES,
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[25] EN
[54] N²-SUBSTITUTED N-AMINO-
3,4,5,6,-
TETRAFLUOROPHTHALIMIDES, AND
PROCESSES FOR THEIR
PREPARATION
[54] DERIVES DE SUBSTITUTION EN
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TETRAFLUOROPHTHALIMIDES;
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[72] PAFENFUHS, THEODOR, DE
[72] PFIRMANN, RALF, DE
[73] CLARIANT GMBH, DE
[22] 1992-04-24
[30] DE (P 41 13 461.3) 1991-04-25

[11] 2,073,882
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[51] Int.Cl. 5B29C 47/02
[25] FR
[54] PROCEDE ET DISPOSITIF POUR
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[54] PROCESS AND DEVICE FOR THE
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EQUIPPED WITH A SHAPED RIM
[72] CORNILS, GERD, DE
[72] KUNERT, HEINZ, DE
[73] SAINT GOBAIN VITRAGE
INTERNATIONAL, FR
[22] 1992-07-15
[30] DE (P 41 23 588-6) 1991-07-17

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[51] Int.Cl. 5A61B 17/28
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[72] KAMBIN, PARVIZ, US
[72] SJOSTROM, DOUGLAS D., US
[73] HOWMEDICA OSTEONICS CORP.,
US
[22] 1992-07-28
[30] US (737,223) 1991-07-29

[11] 2,076,210
[13] C
[51] Int.Cl. 5C12Q 1/46 5C12M 1/34
[25] EN
[54] ASSAY FOR SERUM
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[54] DOSAGE DE L'ACTIVITE DE LA
CHOLINESTERASE SERIQUE
[72] HASSELBERG, STEPHEN C., US
[73] ORTHO-CLINICAL DIAGNOSTICS,
INC., US
[22] 1992-08-14
[30] US (763,383) 1991-09-20

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[51] Int.Cl. 5B01J 37/18 5C07C 1/04
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[54] PROCESS FOR THE ACTIVATION
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[54] METHODE D'ACTIVATION D'UN
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[72] HU, MICHAEL CHIUN-KUEI, NL
[72] ANSORGE, JOACHIM, NL
[73] SHELL CANADA LIMITED, CA
[22] 1992-08-18
[30] GB (9117948.1) 1991-08-20

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[13] C
[51] Int.Cl. 5C08F 4/72 5C08F 2/02
[25] EN
[54] PROCESS AND CATALYST FOR
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[54] METHODE ET CATALYSEUR
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[72] EWEN, JOHN A., US
[72] ELDER, MICHAEL J., US
[73] FINA TECHNOLOGY, INC., US
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RUBBER POWDER
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[72] ROMENESKO, DAVID J., US
[72] MULLAN, STEVEN P., US
[73] DOW CORNING CORPORATION, US
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[51] Int.Cl. 5E01B 7/10
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[54] **FIBRINOGEN ASSAYS USING DRY CHEMICAL REAGENTS CONTAINING MAGNETIC PARTICLES**
[54] **METHODES DE DOSAGE DE LA FIBRINOGENE A L'AIDE DE REACTIFS SECS RENFERMANT DES PARTICULES MAGNETIQUES**
[72] OBERHARDT, BRUCE J., US
[72] GRESALFI, NANCY, US
[73] CARDIOVASCULAR DIAGNOSTICS, INC., US
[85] 1993-01-08
[86] 1991-06-28 (PCT/US1991/004472)
[87] (WO1992/001065)
[30] US (550,570) 1990-07-10

[11] **2,087,251**
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[51] **Int.Cl. 5A61K 31/20**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS**
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[72] BOLLAG, WERNER, CH
[72] GRIPPO, JOSEPH FRANCIS, US
[72] LEVIN, ARTHUR, US
[73] BASILEA PHARMACEUTICA AG, CH
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[11] **2,090,420**
[13] C

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[25] EN
[54] **PROCESS FOR THE SELECTIVE REMOVAL OF INORGANIC AND/OR ORGANIC SULPHUR COMPOUNDS FROM GASES**
[54] **PROCEDE D'EXTRACTION SELECTIVE DE COMPOSES SULFURES ORGANIQUES ET (OU) INORGANIQUES DANS DES GAZ**
[72] LANDECK, HEINER, DE
[72] RANKE, GERHARD, DE
[73] UBE INDUSTRIES, LTD., JP
[85] 1993-02-25
[86] 1991-08-26 (PCT/EP1991/001622)
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[30] DE (P 40 27 239.7) 1990-08-29

[11] **2,092,777**
[13] C

[51] **Int.Cl. 5C01B 7/19 5C01B 7/01 5B01J 19/08**
[25] EN
[54] **PROCESS FOR DISPOSING OF HALONS OR HALON-CONTAINING FLUOROCARBONS OR CHLOROFLUOROCARBONS**
[54] **PROCEDE POUR L'ELIMINATION DES HALOGENES, DES FLUOROCARBURES OU DES CHLOROFLUOROCARBURES QUI EN RENFERMENT**
[72] JANSEN, ROLF-MICHAEL, DE
[72] HUG, SIEGISMUT, DE
[72] DEGER, HANS-MATTHIAS, DE
[73] SOLVAY (SOCIETE ANONYME), BE
[22] 1993-03-26
[30] DE (P 42 10 223.5) 1992-03-28

[11] **2,093,885**
[13] C

[51] **Int.Cl. 5C08L 75/08 5C08J 9/04**
[25] EN
[54] **FLEXIBLE, COMBUSTION-MODIFIED, POLYURETHANE FOAMS**
[54] **MOUSSES SOUPLES DE POLYURETHANE, MODIFIEES PAR COMBUSTION**
[72] MADAJ, EDMUND J., US
[73] BAYER CORPORATION, US
[22] 1993-04-13
[30] US (07/893,472) 1992-06-02

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[25] EN
[54] **ADJUSTABLE MOUNTING MECHANISM FOR AN OPTICAL FILTER SCREEN**
[54] **SUPPORT REGLABLE POUR FILTRE OPTIQUE**
[72] THEIRL, SCOTT G., US
[72] DRAKE, GERALD E., US
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[22] 1993-04-27
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[51] **Int.Cl. 5E21B 47/12**
[25] EN
[54] **SYSTEM FOR LOGGING A WELL DURING THE DRILLING THEREOF**
[54] **APPAREIL ET METHODE DE DIAGNOSTIC EN COURS DE SONDAGE**
[72] MILLER, MELVIN, US
[73] NUMAR CORPORATION, US
[85] 1993-05-31
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[11] **2,100,617**
[13] C

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[25] EN
[54] **LIQUID THROMBOPLASTIN REAGENT**
[54] **COMPOSE LIQUIDE REAGISSANT AVEC LA THROMBOPLASTINE**
[72] BUTLER, JAMES R., US
[72] TORRES, JUAN L., US
[72] SHARMA, RAJESH, US
[73] AKZO N.V., NL
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[25] EN
[54] **ION-SENSITIVE DYES**
[54] **TEINTURES OBTENUES PAR ECHANGE D'IONS**
[72] MOORE, CHRISTOPHER PETER, GB
[72] SUTHERLAND, IAN, GB
[72] KING, ANGELA, GB
[73] ORTHO-CLINICAL DIAGNOSTICS, INC., US
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[13] C

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[54] **LONG RANGE ARTILLERY SHELL**
[54] **OBUS D'ARTILLERIE A LONGUE PORTEE**
[72] NIXON, JOHN ROBERT, GB
[72] SPELLWARD, TERENCE LESLIE, GB
[72] LEWIN, MARTIN JAMES, GB
[73] THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND, GB
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[54] **USE OF TORASEMIDE FOR THE TREATMENT OF BRAIN OEDEMAS**
[54] **UTILISATION DE TORASEMIDE DANS LE TRAITEMENT D'OEDEMES CEREBRAUX**
[72] BOELKE, TIM, DE
[72] KLING, LOTHAR, DE
[72] KOENIG, REINHARD, DE
[73] ROCHE DIAGNOSTICS GMBH, DE
[85] 1993-10-19
[86] 1992-04-22 (PCT/EP1992/000884)
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[30] DE (P 41 13 820.1) 1991-04-27

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[13] C

[51] **Int.Cl. 5C22C 14/00**
[25] EN
[54] **TITANIUM ALLOY FOR PLATE APPLICATIONS**
[54] **ALLIAGE A BASE DE TITANE ET UTILISATIONS CONNEXES**
[72] HALL, JAMES A., US
[72] PARRIS, WARREN M., US
[72] BANIA, PAUL J., US
[72] CAPLAN, IVAN L., US
[73] HALL, JAMES A., US
[73] PARRIS, WARREN M., US
[73] BANIA, PAUL J., US
[73] CAPLAN, IVAN L., US
[22] 1993-10-27
[30] US (08/018,394) 1993-02-17

[11] **2,110,978**
[13] C

[51] **Int.Cl. 5C08G 61/08**
[25] EN
[54] **POLYMERIZATION PROCESS AND PRODUCTS**
[54] **PROCEDE DE POLYMERISATION ET SES PRODUITS**
[72] KELSEY, DONALD R., US
[73] SHELL OIL COMPANY, US
[85] 1993-12-08
[86] 1992-02-24 (PCT/US1992/001564)
[87] (WO1992/022597)
[30] US (712,296) 1991-06-10

[11] **2,115,446**
[13] C

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[25] EN
[54] **GELS**
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[72] GRAULUS, HENDRIK, US
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[73] RAYCHEM LIMITED, GB
[85] 1994-02-10
[86] 1992-09-07 (PCT/GB1992/001627)
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[30] GB (9119261.7) 1991-09-06

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[13] C

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[25] EN
[54] **POWDER-METALLURGICAL COMPOSITION HAVING GOOD SOFT MAGNETIC PROPERTIES**
[54] **COMPOSITION METALLURGIQUE EN POUDRE MAGNETIQUE A FAIBLE CHAMP COERCITIF**
[72] JANSSON, PATRICIA, SE
[73] HOGANAS AB, SE
[85] 1994-02-23
[86] 1992-08-26 (PCT/SE1992/000587)
[87] (WO1993/003874)
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[11] **2,125,480**
[13] C

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[25] EN
[54] **ETHYLENE/LONGER ALPHA-OLEFIN COPOLYMERS**
[54] **COPOLYMERES D'ETHYLENE ET D'ALPHA-OLEFINES PLUS LONGUES**
[72] BRANT, PATRICK, US
[72] CANICH, JO ANN M., US
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 1994-06-08
[86] 1992-12-11 (PCT/US1992/010590)
[87] (WO1993/012151)
[30] US (806,894) 1991-12-13

[11] **2,126,337**
[13] C

[51] **Int.Cl. 5C07C 215/02 5A61K 31/13 5C07C 233/18 5C07D 333/20 5C07C 323/25 5C07D 211/26 5C07C 217/30 5C07C 317/32 5C07D 213/38 5A61K 31/38 5A61K 31/44 5C07C 217/64**
[25] EN
[54] **2-AMINO-1,3-PROPANEDIOL COMPOUND AND IMMUNOSUPPRESSANT**
[54] **COMPOSE 2-AMINO-1,3-PROPANEDIOL ET IMMUNOSUPPRESSEUR**
[72] FUJITA, TETSURO, JP
[72] SASAKI, SHIGEO, JP
[72] YONETA, MASAHICO, JP
[72] MISHINA, TADASHI, JP
[72] ADACHI, KUNITOMO, JP
[72] CHIBA, KENJI, JP
[73] TAITO CO., LTD., JP
[73] WELFIDE CORPORATION, JP
[85] 1994-06-20
[86] 1993-10-18 (PCT/JP1993/001515)
[87] (WO1994/008943)
[30] JP (283281/1992) 1992-10-21
[30] JP (179427/1993) 1993-07-20

[11] **2,130,354**
[13] C

[51] **Int.Cl. 5C11D 7/50 5H05K 3/26**
[25] EN
[54] **METHOD OF CLEANING EPOXY ARTICLES**
[54] **PROCEDE DE NETTOYAGE D'ARTICLES EPOXYDES**
[72] ROWE, EDWARD A., US
[73] OCCIDENTAL CHEMICAL CORPORATION, US
[85] 1994-08-17
[86] 1993-02-05 (PCT/US1993/000949)
[87] (WO1993/019153)
[30] US (07/857,559) 1992-03-25

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[11] **2,130,805**
[13] C

[51] **Int.Cl. 5A61K 31/70**
[25] EN
[54] **USE OF MANNOSE PHOSPHATES FOR THE TREATMENT OF FIBROTIC DISORDERS**
[54] **UTILISATION DE MANNOSE-PHOSPHATES DANS LE TRAITEMENT DES FIBROSES**
[72] FERGUSON, MARK WILLIAM JAMES, GB
[73] BTG INTERNATIONAL LIMITED, GB
[85] 1994-08-24
[86] 1993-03-16 (PCT/GB1993/000541)
[87] (WO1993/018777)
[30] GB (9205800.7) 1992-03-17

[11] **2,133,980**
[13] C

[51] **Int.Cl. 5C02F 3/10 5C02F 3/06 5C02F 3/12**
[25] EN
[54] **APPARATUS AND PROCESS FOR REMOVAL OF POLLUTANTS FROM WASTE WATER**
[54] **APPAREIL ET PROCEDURE SERVANT A EXTRAIRE LES POLLUANTS DES EAUX USEES**
[72] DEFILIPPI, LOUIS J., US
[72] MASHAYEKHI, MANSOUR, US
[72] HRIBIK, WALTER F., US
[72] LUPTON, FRANCIS S., US
[73] ALLIEDSIGNAL INC., US
[85] 1994-10-20
[86] 1993-05-04 (PCT/US1993/004164)
[87] (WO1993/022245)
[30] US (07/878,105) 1992-05-04

[11] **2,143,357**
[13] C

[51] **Int.Cl. 6C09K 17/40**
[25] EN
[54] **MATERIAL FOR USE AS SOIL STABILIZER AND AS SOIL SUBSTITUTE**
[54] **MATERIAU POUVANT SERVIR D'AGENT DE STABILISATION DES SOLS ET DE SOL DE SUBSTITUTION**
[72] DERR, JOHN DAVID, US
[73] WESSCO, INC., US
[22] 1995-02-24
[30] US (08/206,739) 1994-03-07

[11] **2,147,717**
[13] C

[51] **Int.Cl. 6F16L 27/12**
[25] EN
[54] **TUBE FITTING AND ASSEMBLY METHOD**
[54] **RACCORD DE TUYAU SOUPLE ET METHODE D'ASSEMBLAGE**
[72] RIDENOUR, RALPH G., US
[72] KERR, DENNIS W., US
[73] UNIVERSAL TUBULAR SYSTEMS, INC., US
[22] 1995-04-24
[30] US (08/233,846) 1994-04-26

[11] **2,149,900**
[13] C

[51] **Int.Cl. 6A61L 27/00**
[25] EN
[54] **IMPLANT MATERIAL**
[54] **MATERIAU POUR IMPLANTS**
[72] SHIKINAMI, YASUO, JP
[73] TAKIRON CO., LTD., JP
[85] 1995-05-19
[86] 1994-09-22 (PCT/JP1994/001565)
[87] (WO1995/008354)
[30] JP (5-261582) 1993-09-24

[11] **2,158,027**
[13] C

[51] **Int.Cl. 6B67D 5/32 6D06F 39/02 6A47L 15/44**
[25] EN
[54] **LOW PRODUCT ALARM FOR SOLID PRODUCTS**
[54] **ALARME DE BAS NIVEAU POUR PRODUITS SOLIDES**
[72] THOMAS, JOHN E., US
[72] GROTH, DALE W., US
[73] ECOLAB INC., US
[85] 1995-09-11
[86] 1994-03-31 (PCT/US1994/003498)
[87] (WO1994/027489)
[30] US (08/069,983) 1993-05-28

[11] **2,163,083**
[13] C

[51] **Int.Cl. 6B41M 3/14**
[25] EN
[54] **SECURITY MARKING METHOD AND COMPOSITION**
[54] **METHODE DE MARQUAGE DE SECURITE ET COMPOSITION CONNEXE**
[72] GUNDJIAN, ARSHAVIR, CA
[72] KURUVILLA, ABRAHAM, US
[73] NOCOPI TECHNOLOGIES, INC., US
[85] 1995-11-16
[86] 1994-03-24 (PCT/US1994/003237)
[87] (WO1994/027829)
[30] US (069,238) 1993-05-28

[11] **2,163,373**
[13] C

[51] **Int.Cl. 6B65D 6/18 6B65D 6/26**
[25] EN
[54] **IMPROVED COLLAPSIBLE BOX**
[54] **CAISSE PLIANTE AMELIOREE**
[72] CLARK, ROBERT A., US
[72] PARNALL, JOHN, US
[73] CLARK, ROBERT A., US
[73] PARNALL, JOHN, US
[85] 1995-11-20
[86] 1994-08-04 (PCT/US1994/008852)
[87] (WO1995/005319)
[30] US (08/107,119) 1993-08-17
[30] US (08/257,449) 1994-06-07

[11] **2,165,002**
[13] C

[51] **Int.Cl. 6B67D 5/02**
[25] EN
[54] **DISPENSING APPARATUS WITH LINE PRESSURE DIVERTER**
[54] **DISBRIBUTEUR AVEC DEVIATEUR DE LA PRESSION DANS LE CONDUIT**
[72] JOHNSON, ROBERT E., US
[73] ECOLAB INC., US
[22] 1995-12-12
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[30] US (08/358,778) 1994-12-19

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[11] **2,165,566**
[13] C

[51] **Int.Cl. 6C07K 14/435 6C07K 7/08 6A61K 38/10 6A61K 38/17 6G01N 33/566**
[25] EN
[54] **CONOTOXINS HAVING ACETYLCHOLIN RECEPTOR BINDING PROPERTIES**
[54] **CONOTOXINES POSSEDANT DES PROPRIETES DE LIAISON POUR UN RECEPTEUR D'ACETYLCHOLINE**
[72] OLIVERA, BALDOMERO M., US
[72] RIVIER, JEAN E. F., US
[72] CRUZ, LOURDES J., US
[72] ABOGADIE, FE, US
[72] HOPKINS, CHRIS E., US
[72] DYKERT, JOHN, US
[72] TORRES, JOSEP L., ES
[73] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
[73] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 1995-12-18
[86] 1994-06-27 (PCT/US1994/007194)
[87] (WO1995/001436)
[30] US (084,848) 1993-06-29

[11] **2,171,544**
[13] C

[51] **Int.Cl. 6C12N 15/62 6C07K 19/00 6C07K 7/06 6C07K 16/10 6C07K 14/16 6A61K 39/21 6A61K 39/42 6C12N 15/44 6C12N 15/49 6C12N 15/51 6C12N 15/56**
[25] EN
[54] **PEPTIDES THAT ELICIT NEUTRALIZING ANTIBODIES AGAINST GENETICALLY DIVERGENT HIV-1 STRAINS**
[54] **PEPTIDES ELICITANT DES ANTICORPS NEUTRALISANTS CONTRE DES SOUCHES DE HIV-1 GENETIQUEMENT DIVERGENTES**
[72] KATINGER, HERMANN, AT
[72] MUSTER, THOMAS, AT
[73] POLYMUN SCIENTIFIC IMMUNOBIOLOGISCHE FORSCHUNG GMBH, AT
[85] 1996-03-11
[86] 1994-09-12 (PCT/EP1994/003039)
[87] (WO1995/007354)
[30] EP (93114631.0) 1993-09-11

[11] **2,173,603**
[13] C

[51] **Int.Cl. 6C08G 18/24**
[25] EN
[54] **NOVEL CATALYSTS FOR PREPARATION OF POLYURETHANES**
[54] **NOUVEAUX CATALYSEURS POUR LA PREPARATION DE POLYURETHANES**
[72] TURNER, ROBERT BURTON, US
[72] GRIER, LAURA ANN, US
[72] SKAGGS, KENNETH WAYNE, US
[72] PRIESTER, RALPH DAWSON, US
[72] MOBLEY, LARRY WAYNE, US
[72] NEILL, PAUL LEE, US
[73] DOW GLOBAL TECHNOLOGIES INC., US
[85] 1996-04-04
[86] 1992-10-09 (PCT/US1992/008655)
[87] (WO1994/009047)

[11] **2,179,015**
[13] C

[51] **Int.Cl. 6A61K 31/415**
[25] EN
[54] **USE OF BIS(AMIDINO BENZIMIDAZOLES) IN THE MANUFACTURE OF MEDICAMENT FOR INHIBITING RETROVIRAL INTEGRASE**
[54] **UTILISATION DE BIS(AMIDINO BENZIMIDAZOLES) DANS LA FABRICATION DE MEDICAMENTS DESTINES A INHIBER L'INTEGRASE RETROVIRALE**
[72] DYKSTRA, CHRISTINE C., US
[72] SWANSTROM, RONALD I., US
[72] TIDWELL, RICHARD R., US
[73] UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 1996-06-12
[86] 1995-01-18 (PCT/US1995/000504)
[87] (WO1995/019772)
[30] US (185,079) 1994-01-20

[11] **2,180,989**
[13] C

[51] **Int.Cl. 6C08F 20/20 6C04B 24/26**
[25] EN
[54] **CEMENT DISPERSANT, METHOD FOR PRODUCTION THEREOF, AND CEMENT COMPOSITION USING THE DISPERSANT**
[54] **DISPERSANT POUR CIMENT; METHODE DE PREPARATION ET COMPOSITION A CIMENT UTILISANT CE DISPERSANT**
[72] TANAKA, YOSHIO, JP
[72] OHTA, AKIRA, JP
[72] HIRATA, TSUYOSHI, JP
[72] UNO, TORU, JP
[72] YUASA, TSUTOMU, JP
[72] TAHARA, HIDEYUKI, JP
[73] NIPPON SHOKUBAI CO., LTD., JP
[73] MBT HOLDING AG, CH
[22] 1996-07-11
[30] JP (7-177523) 1995-07-13
[30] JP (7-177524) 1995-07-13
[30] JP (7-177525) 1995-07-13

[11] **2,183,180**
[13] C

[51] **Int.Cl. 6C10L 1/14**
[25] EN
[54] **FUEL OIL COMPOSITIONS**
[54] **COMPOSITIONS DE FUEL-OIL**
[72] DAVIES, BRIAN WILLIAM, GB
[72] CAPROTTI, RINALDO, GB
[72] DILWORTH, BRID, GB
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 1996-08-12
[86] 1995-12-13 (PCT/EP1995/004929)
[87] (WO1996/018706)
[30] GB (9425117.0) 1994-12-13
[30] GB (9514480.4) 1995-07-14

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[11] **2,186,744**
[13] C

[51] **Int.Cl. 6C07C 4/06 6C10G 11/18**
[25] EN
[54] **PROCESS AND APPARATUS FOR PRODUCING LIGHT OLEFINS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE DES OLEFINES LEGERES**
[72] HILTUNEN, JYRKI, FI
[72] FAGERSTOLT, KRISTER, FI
[72] KRAUSE, OUTI, FI
[72] KAARIAINEN, KARI, FI
[72] RUOTTU, SEPPO, FI
[72] HALME, ARI, FI
[73] FORTUM OIL AND GAS OY, FI
[85] 1996-09-27
[86] 1995-03-31 (PCT/FI1995/000177)
[87] (WO1995/027019)
[30] FI (941528) 1994-03-31

[11] **2,189,022**
[13] C

[51] **Int.Cl. 6E01F 9/04 6G02B 5/128**
[25] EN
[54] **RETROREFLECTIVE ARTICLE WITH DUAL REFLECTOR**
[54] **ARTICLE RETROREFLECTEUR AVEC DEUX TYPES D'ELEMENTS REFLECHISSANTS**
[72] HACHEY, KATHLEEN A., US
[72] HEDBLUM, THOMAS P., US
[72] MAY, DAVID C., US
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 1996-10-28
[86] 1995-04-25 (PCT/US1995/005292)
[87] (WO1995/032337)
[30] US (08/247056) 1994-05-20

[11] **2,194,722**
[13] C

[51] **Int.Cl. 6H04B 1/69 6H04J 11/00**
[25] EN
[54] **SPREAD SPECTRUM COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION A ETALEMENT DU SPECTRE**
[72] MURAI, HIDESHI, JP
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP
[22] 1997-01-09
[30] JP (149996/96) 1996-05-20

[11] **2,202,197**
[13] C

[51] **Int.Cl. 6G01B 11/14 6H04N 1/04**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING A PROFILE OF AN IMAGE DISPLACED A DISTANCE FROM A PLATEN**
[54] **APPAREIL ET METHODE PERMETTANT DE DETERMINER LE PROFIL D'UNE IMAGE NE COINCIDANT PAS AVEC LA SURFACE D'APPUI**
[72] WALSH, JOHN F., US
[73] XEROX CORPORATION, US
[22] 1997-04-09
[30] US (08/670,954) 1996-06-26

[11] **2,202,679**
[13] C

[51] **Int.Cl. 6B30B 11/00 6A61M 15/00 6A61J 3/10**
[25] EN
[54] **COMPACTED MEDICAMENT SUPPLY FOR GENERATING INHALABLE MEDICAMENT PARTICLES**
[54] **RESERVE DE MATIERES MEDICINALES SOLIDIFIEES SERVANT A GENERER DES PARTICULES DE MATIERES MEDICINALES A INHALER**
[72] HEIDE, HELMUT, DE
[72] PABST, JOACHIM, DE
[72] BURGSCCHAT, HANS, DE
[73] PULMOTEC GMBH, DE
[85] 1997-04-14
[86] 1995-10-15 (PCT/EP1995/004049)
[87] (WO1996/011795)
[30] DE (P 44 36 854.2) 1994-10-15

[11] **2,207,573**
[13] C

[51] **Int.Cl. 6C03B 37/04**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING MINERAL WOOL**
[54] **PROCEDE ET APPAREIL DE PRODUCTION DE LAINE MINERALE**
[72] THOUVENIN, JEAN-MARIE, FR
[72] AUBE, JEAN-YVES, FR
[72] YANG, ALAIN, FR
[73] ISOVER SAINT-GOBAIN, FR
[85] 1997-06-11
[86] 1996-10-23 (PCT/EP1996/004602)
[87] (WO1997/015532)
[30] DE (195 40 109.3) 1995-10-27

[11] **2,218,528**
[13] C

[51] **Int.Cl. 6G01N 33/68 6G01N 33/58 6G01N 21/64**
[25] EN
[54] **DIFFERENCE GEL ELECTROPHORESIS USING MATCHED MULTIPLE DYES**
[54] **ELECTROPHORESE DIFFERENTIELLE SUR GEL FAISANT APPEL A DES COLORANTS MULTIPLES APPARIES**
[72] MINDEN, JONATHAN, US
[72] WAGGONER, ALAN, US
[73] CARNEGIE MELLON UNIVERSITY, US
[85] 1997-10-17
[86] 1996-04-19 (PCT/US1996/005435)
[87] (WO1996/033406)
[30] US (08/425,480) 1995-04-20

[11] **2,218,581**
[13] C

[51] **Int.Cl. 6G01D 21/02 6G08C 19/00 6G05D 27/02**
[25] EN
[54] **MULTIFUNCTION SENSOR AND NETWORK SENSOR SYSTEM**
[54] **CAPTEUR MULTIFONCTION ET SYSTEMES DE CAPTEURS EN RESEAU**
[72] BALDWIN, JOHN R., US
[72] BATKO, THOMAS J., US
[72] ELLISON, DAVID F., US
[73] HUBBELL INCORPORATED, US
[22] 1997-10-17
[30] US (08/738,044 (CIP)) 1996-10-25

[11] **2,221,011**
[13] C

[51] **Int.Cl. 6A61K 33/42**
[25] EN
[54] **A COATED SODIUM PHOSPHATE BOWEL CLEANSER**
[54] **AGENT DE NETTOYAGE INTESTINAL A BASE DE PHOSPHATE DE SODIUM ENROBE**
[72] WOOD, THOMAS G., US
[72] SARNOWSKI, KENNETH G., US
[72] MCCRIMLISK, ROBERT, US
[73] C.B. FLEET COMPANY, INC., US
[22] 1997-11-13
[30] US (60/030,870) 1996-11-13

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[11] * 2,222,602
[13] C
[51] Int.Cl. 6H05K 3/30 6H05K 13/04
[25] EN
[54] ELECTRONIC MODULES
MANUFACTURING
[54] FABRICATION DE MODULES
ELECTRONIQUES
[72] OGGIONI, STEFANO, IT
[72] MONTI, ALBERTO, IT
[72] GARBELLI, FRANCESCO, IT
[73] INTERNATIONAL BUSINESS
MACHINES CORPORATION, US
[22] 1997-11-27
[30] GB (9625233.3) 1996-12-04

[11] 2,222,812
[13] C
[51] Int.Cl. 6F04D 29/22 6F04D 7/06
[25] EN
[54] MOLTEN METAL IMPELLER
[54] TURBINE POUR METAL LIQUIDE
[72] BRIGHT, MARK A., US
[72] VILD, CHRIS T., US
[73] METALLICS SYSTEMS CO., L.P.,
US
[85] 1997-11-28
[86] 1997-04-23 (PCT/US1997/004313)
[87] (WO1997/040276)
[30] US (60/018,216) 1996-04-23

[11] 2,223,694
[13] C
[51] Int.Cl. 6C12N 15/54 6A61K 39/00
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6A61K 31/70
[25] EN
[54] ISOLATED NUCLEIC ACID
MOLECULES, PEPTIDES WHICH
FORM COMPLEXES WITH MHC
MOLECULE HLA-A2 AND USES
THEREOF
[54] MOLECULES D'ACIDE
NUCLEIQUE ISOLEES, PEPTIDES
FORMANT DES COMPLEXES AVEC LA
MOLECULE DU COMPLEXE MAJEUR
D'HISTOCOMPATIBILITE (MHC)
HLA-A2 ET LEURS APPLICATIONS
[72] BOON-FALLEUR, THIERRY, BE
[72] LUCAS, SOPHIE, BE
[72] GUILLOUX, YANNICK, FR
[72] JOTEREAU, FRANCINE, FR
[72] BRICHARD, VINCENT, BE
[73] LUDWIG INSTITUTE FOR CANCER
RESEARCH, US
[73] INSERM, FR
[85] 1997-12-04
[86] 1996-05-07 (PCT/US1996/006409)
[87] (WO1996/040039)
[30] US (08/487,135) 1995-06-07

[11] 2,228,552
[13] C
[51] Int.Cl. 6H01L 21/68
[25] EN
[54] WAFER PROCESSING
APPARATUS AND METHOD, WAFER
CONVEY ROBOT, SEMICONDUCTOR
SUBSTRATE FABRICATION METHOD,
AND SEMICONDUCTOR
FABRICATION APPARATUS
[54] APPAREIL ET METHODE DE
TRAITEMENT DES PLAQUETTES,
ROBOT DE TRANSPORT DES
PLAQUETTES, ET METHODE ET
APPAREIL DE FABRICATION DU
SUBSTRAT SEMI-CONDUCTEUR
[72] YANAGITA, KAZUTAKA, JP
[72] SAKAGUCHI, KIYOFUMI, JP
[73] CANON KABUSHIKI KAISHA, JP
[22] 1998-02-02
[30] JP (9-021796) 1997-02-04
[30] JP (9-030887) 1997-02-14

[11] 2,230,314
[13] C
[51] Int.Cl. 6A61K 31/40 6A61K 9/02
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6A61K 9/52
[25] EN
[54] PHARMACEUTICAL
FORMULATIONS
[54] FORMULATIONS
PHARMACEUTIQUES CONTENANT
DE LA DARIFENACINE
[72] HUMPHREY, MICHAEL JOHN, GB
[72] NICHOLS, DONALD JOHN, GB
[72] DOLAN, THOMAS FRANCIS, GB
[73] PFIZER RESEARCH AND
DEVELOPMENT COMPANY, N.V./S.A., IE
[85] 1998-02-24
[86] 1996-08-21 (PCT/EP1996/003719)
[87] (WO1997/009980)
[30] GB (9518953.6) 1995-09-15

[11] 2,230,959
[13] C
[51] Int.Cl. 6A63C 5/07
[25] EN
[54] ADAPTIVE SPORTS IMPLEMENT
[54] MATERIEL DE SPORT
ADAPTABLE
[72] MOORE, JEFFREY W., US
[72] JACQUES, ROBERT N., US
[72] LAZARUS, KENNETH B., US
[72] ALLEN, JONATHAN C., US
[73] ACTIVE CONTROL EXPERTS, INC.,
US
[85] 1998-03-27
[86] 1996-09-27 (PCT/US1996/015557)
[87] (WO1997/011756)
[30] US (08/536,067) 1995-09-29

[11] 2,238,985
[13] C
[51] Int.Cl. 6F16C 27/02
[25] EN
[54] TAPERED BEARING HOUSING
[54] BOITE DE PALIER CONIQUE
[72] MAIER, MARTIN D., US
[72] HUSTAK, JEROME F., US
[73] DRESSER-RAND COMPANY, US
[85] 1998-05-28
[86] 1997-10-16 (PCT/US1997/018619)
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[30] US (08/733,625) 1996-10-17

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[11] **2,242,371**
[13] C

[51] **Int.Cl. 6G02B 5/26 6G02B 7/00 6G02B 6/136**
[25] EN
[54] **OPTICAL FILTER FABRICATION METHOD AND APPARATUS, OPTICAL FILTER, FIBER HOLDER WITH SPIRAL GROOVE, AND PHASE MASK**
[54] **METHODE DE FABRICATION D'UN FILTRE OPTIQUE, APPAREIL, FILTRE OPTIQUE ET PORTE-FIBRE MUNIS D'UNE RAINURE SPIRALEE, ET MASQUE DE PHASE**
[72] NOMOTO, TSUTOMU, JP
[72] NISHIKI, AKIHIKO, JP
[72] TERA0, YOSHITAKA, JP
[73] OKI ELECTRIC INDUSTRY CO., LTD., JP
[22] 1998-07-06
[30] JP (182750/97) 1997-07-08
[30] JP (215227/97) 1997-08-08
[30] JP (215228/97) 1997-08-08
[30] JP (301302/97) 1997-10-31

[11] **2,243,131**
[13] C

[51] **Int.Cl. 6E02D 31/08 6E01D 22/00 6E04H 9/02 6E02D 27/34**
[25] EN
[54] **STRUCTURE STABILIZATION SYSTEM**
[54] **DISPOSITIF DE STABILISATION DE STRUCTURE**
[72] GARZA-TAMEZ, FEDERICO, MX
[73] GARZA-TAMEZ, FEDERICO, MX
[22] 1998-07-10
[30] US (08/892,791) 1997-07-11

[11] **2,243,912**
[13] C

[51] **Int.Cl. 6B41J 2/05 6B41J 2/16**
[25] EN
[54] **A LIQUID JET HEAD, A HEAD CARTRIDGE, A LIQUID JET RECORDING APPARATUS, AND A METHOD FOR MANUFACTURING LIQUID JET HEADS**
[54] **TETE D'IMPRIMANTE A JET, CARTOUCHE DE TETE, IMPRIMANTE A JET D'ENCRE ET METHODE DE FABRICATION DES TETES D'IMPRIMANTE A JET**
[72] ISHINAGA, HIROYUKI, JP
[72] SUGIYAMA, HIROYUKI, JP
[72] KASHINO, TOSHIO, JP
[72] TANEYA, YOICHI, JP
[73] CANON KABUSHIKI KAISHA, JP
[22] 1998-07-27
[30] JP (9-206554) 1997-07-31

[11] **2,244,600**
[13] C

[51] **Int.Cl. 6C22B 34/12 6C22B 7/04**
[25] EN
[54] **PRODUCTION OF TITANIUM SLAG**
[54] **PRODUCTION DE LAITIER DE TITANE**
[72] VAN DER COLF, JACOBUS CORNELIUS GIDEON KOTZE, ZA
[72] NEL, JOHANNES, ZA
[72] STANDER, FRANCES, ZA
[73] BILLITON SA LIMITED, ZA
[22] 1998-08-07
[30] ZA (97/7134) 1997-08-11

[11] **2,245,515**
[13] C

[51] **Int.Cl. 6A61L 2/18 6G02C 13/00**
[25] EN
[54] **SOLUTIONS FOR PRESERVING AND STERILIZING CONTACT LENSES**
[54] **SOLUTION PERMETTANT DE PRESERVER ET DE DESINFECTER DES LENTILLES DE CONTACT**
[72] OSAWA, NOBUYUKI, JP
[72] IKAWA, SEIICHIRO, JP
[73] ASAHIKASEI AIME CO., LTD., JP
[85] 1998-07-30
[86] 1997-01-29 (PCT/JP1997/000198)
[87] (WO1997/027879)
[30] JP (8-17418) 1996-02-02

[11] **2,246,921**
[13] C

[51] **Int.Cl. 6A47L 15/24 6A47L 15/46**
[25] EN
[54] **CONVEYOR SYSTEM FOR DISH WASHING**
[54] **TRANSPORTEUR UTILISE POUR LE LAVAGE DE LA VAISSELLE**
[72] ELGHARINI, ALI, CA
[73] CONWASH SYSTEMS LTD., CA
[22] 1998-09-09

[11] **2,247,444**
[13] C

[51] **Int.Cl. 6B28D 1/08**
[25] EN
[54] **METHOD OF CUTTING BLOCKS OF HARD SUBSTANCES INTO PLATES BY MEANS OF A WIRE SAW, AND WIRE SAW FOR CARRYING OUT THIS METHOD**
[54] **PROCEDE POUR DECOUPER DES BLOCS DE MATERIAUX DURS DANS DES PLAQUES AU MOYEN D'UNE SCIE HELICOIDALE, ET SCIE HELICOIDALE POUR METTRE EN OEUVRE CE PROCEDE**
[72] VOJTECHOVSKY, KAREL, CZ
[73] TRIMEX TESLA S.R.O., CZ
[85] 1998-08-26
[86] 1997-02-25 (PCT/IB1997/000155)
[87] (WO1997/032681)
[30] CZ (PV 669-96) 1996-03-06

[11] **2,248,362**
[13] C

[51] **Int.Cl. 6B65D 71/50**
[25] EN
[54] **UNITARY PACK FOR FASTENING OF JUXTAPOSED PACKAGES**
[54] **EMBALLAGE UNITAIRE POUR ASSEMBLER DES EMBALLAGES JUXTAPOSES**
[72] HERBERS, DENNIS MICHAEL, US
[72] DIRKSING, WILLIAM PAUL, US
[72] ERSPAMER, JOHN PAUL, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-09-08
[86] 1997-02-28 (PCT/US1997/003216)
[87] (WO1997/033806)
[30] US (08/616,545) 1996-03-15

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[51] **Int.Cl. 6C07K 9/00**
[25] EN
[54] **IMPROVED CHEMICAL PROCESS FOR PREPARING AMIDE DERIVATIVES OF ANTIBIOTIC A 40926**
[54] **PROCEDE CHIMIQUE AMELIORE DE PREPARATION DE DERIVES D'AMIDE DE L'ANTIBIOTIQUE A 40926**
[72] GIANANTONIO, ANACLETO, IT
[72] RESTELLI, ERMENEGILDO, IT
[72] MARAZZI, ALESSANDRA MARIA, IT
[72] PANZONE, GIANBATTISTA, IT
[73] BIOSEARCH ITALIA S.P.A., IT
[85] 1998-09-25
[86] 1997-04-15 (PCT/EP1997/001874)
[87] (WO1997/040067)
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[11] **2,250,691**
[13] C
[51] **Int.Cl. 6H04M 1/02 6H04Q 7/32**
[25] EN
[54] **PORTABLE TELEPHONE HANDSET CONSTRUCTION**
[54] **CONSTRUCTION D'UN COMBINE TELEPHONIQUE PORTATIF**
[72] MURPHY, PAUL ANTHONY, HK
[72] SMITH, BRIAN DOUGLAS, GB
[72] YOUNG, DUNCAN, GRANT, GB
[72] COURT, NIGEL TIMOTHY, GB
[73] VTECH COMMUNICATIONS, LTD., HK
[22] 1998-10-20
[30] GB (9810177.7) 1998-05-12

[11] **2,250,947**
[13] C
[51] **Int.Cl. 6B65H 35/10 6B26F 3/02 6A63F 3/06**
[25] EN
[54] **IMPROVED LOTTERY TICKET DISPENSER**
[54] **DISTRIBUTEUR AMELIORE DE TICKETS DE LOTERIE**
[72] TUREK, EDMUND F., US
[73] INTERLOTT TECHNOLOGIES, INC., US
[85] 1998-10-05
[86] 1997-04-07 (PCT/US1997/005761)
[87] (WO1997/037820)
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[11] **2,251,421**
[13] C
[51] **Int.Cl. 6F16C 11/06 6B62D 7/16**
[25] EN
[54] **BALL JOINT**
[54] **JOINT A ROTULE**
[72] URBACH, BRIAN A., US
[73] TRW INC., US
[22] 1998-10-16
[30] US (08/951,529) 1997-10-16

[11] **2,252,351**
[13] C
[51] **Int.Cl. 6F24F 11/04**
[25] EN
[54] **VARIABLE AIR VOLUME CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DE VOLUMES D'AIR VARIABLES**
[72] BUJAK, WALTER E., JR., US
[73] CARRIER CORPORATION, US
[22] 1998-11-03
[30] US (08/990,691) 1997-12-15

[11] **2,253,510**
[13] C
[51] **Int.Cl. 6B41J 2/205 6B41J 3/407**
[25] EN
[54] **METHOD TO IMPROVE SOLID INK OUTPUT RESOLUTION**
[54] **METHODE POUR AMELIORER LA RESOLUTION DES IMPRIMES AVEC ENCRE SOLIDE**
[72] KROON, STEPHEN M., US
[72] KOROL, STEVEN V., US
[72] JAEGER, C. WAYNE, US
[72] LESTER, AUDREY A., US
[73] XEROX CORPORATION, US
[22] 1998-11-09
[30] US (08/968,778) 1997-11-10

[11] **2,254,174**
[13] C
[51] **Int.Cl. 6A61M 5/31**
[25] EN
[54] **SINGLE-USE SAFETY SYRINGE**
[54] **SERINGUE DE SURETE JETABLE**
[72] MAHURKAR, SAKHARAM D., US
[73] MAHURKAR, SAKHARAM D., US
[22] 1998-11-16
[30] US (08/972,548) 1997-11-18

[11] **2,256,967**
[13] C
[51] **Int.Cl. 6H04Q 7/36 6H04Q 7/22**
[25] EN
[54] **METHOD FOR OPTIMIZING FRAME ERROR RATE SETTINGS DURING SOFT HANDOFFS IN A WIRELESS TELECOMMUNICATIONS NETWORK**
[54] **METHODE D'OPTIMISATION DES TAUX D'ERREURS SUR LES TRAMES PENDANT LES RELAIS TRANSPARENTS DANS UN RESEAU DE TELECOMMUNICATIONS SANS FIL**
[72] DURDIK, ROY HERBERT, US
[72] BAUM, MODRIS OLGERTS ALLEN, US
[72] BERLINER, EDWARD FREDRICK, US
[72] PITTAMPALLI, ESHWAR, US
[73] LUCENT TECHNOLOGIES INC., US
[22] 1998-12-23
[30] US (09/018,266) 1998-02-05

[11] **2,256,978**
[13] C
[51] **Int.Cl. 6G05B 19/045 6G06F 7/00 6G06F 15/18 6H04Q 7/38 6G06F 17/40**
[25] EN
[54] **HANDOVER CONTROL METHOD AND APPARATUS USING FUZZY LOGIC**
[54] **METHODE ET APPAREIL DE COMMANDE DE TRANSFERT UTILISANT LA LOGIQUE FLOUE**
[72] FERNANDEZ, CHRISTOPHER LAWRENCE, US
[72] HERPERS, MARTINE MADELAINE, DE
[72] RAMESH, MASOOR, US
[72] KURDUKAR, PRASHANT JANARDHAM, US
[72] HOCH, JAMES EDWARD, US
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[13] C

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[25] EN
[54] **DOUGH COMPOSITIONS USED TO PREPARE REDUCED AND LOW-CALORIE SNACKS**
[54] **COMPOSITIONS DE PATE UTILISEES DANS LA PREPARATION D'EN-CAS A TENEUR EN CALORIES REDUITE OU FAIBLE**
[72] VILLAGRAN, FRANCISCO VALENTINO, US
[72] VILLAGRAN, MARIA DOLORES, US
[72] LANNER, DAVID ARTHUR, US
[72] HSIEH, YEN-PING CHIN, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-12-29
[86] 1997-07-01 (PCT/US1997/011651)
[87] (WO1998/000037)
[30] US (60/020,934) 1996-07-01
[30] US (60/020,937) 1996-07-01

[11] **2,259,912**
[13] C

[51] **Int.Cl. 6H04Q 3/64**
[25] EN
[54] **METHODS AND APPARATUS FOR IMPLEMENTING A NETWORK CALL CENTER**
[54] **PROCEDES ET DISPOSITIF DE MISE EN OEUVRE DE CENTRE D'APPEL DE RESEAU TELEPHONIQUE**
[72] MILOSLAVSKY, ALEC, US
[73] GENESYS TELECOMMUNICATIONS LABORATORIES, INC., US
[85] 1999-01-07
[86] 1997-07-09 (PCT/US1997/011881)
[87] (WO1998/001987)
[30] US (08/677,204) 1996-07-09

[11] **2,267,044**
[13] C

[51] **Int.Cl. 6B65B 13/32**
[25] EN
[54] **STRAP WELDING TOOL WITH BASE PLATE FOR REDUCING STRAP COLUMN STRENGTH AND METHOD THEREFOR**
[54] **OUTIL ET METHODE DE SOUDAGE A BRIDE AVEC SOCLE PERMETTANT DE REDUIRE LA RESISTANCE EN COLONNE**
[72] FIGIEL, JANUSZ, US
[72] DRABAREK, PETER, US
[73] ILLINOIS TOOL WORKS INC., US
[22] 1999-03-26
[30] US (09/054,715) 1998-04-03

[11] **2,272,014**
[13] C

[51] **Int.Cl. 6C07D 249/06 6C07D 405/04 6C07D 409/04 6C07D 413/04 6C07D 471/04 6C07D 249/08 6C07D 209/10 6C07D 413/14 6C07D 207/34 6A61K 31/40 6A61K 31/41 6A61K 31/435 6C07D 233/64**
[25] EN
[54] **N-ARYL/HETEROARYL-SUBSTITUTED HETEROCYCLES**
[54] **HETEROCYCLES DE N-ARYL/HETEROARYL-SUBSTITUES**
[72] CHUBB, NATHAN ANTHONY LOGAN, GB
[72] BANKS, BERNARD JOSEPH, GB
[73] PFIZER INC., US
[22] 1999-05-12
[30] GB (9810354.2) 1998-05-14

[11] **2,275,230**
[13] C

[51] **Int.Cl. 6A61F 13/15**
[25] EN
[54] **ABSORBENT ARTICLE WRAPPER COMPRISING A SIDE FLAP FASTENER COVER**
[54] **EMBALLAGE D'ARTICLE ABSORBANT COMPORTANT UNE GARNITURE D'ATTACHE DE RABATS LATERAUX**
[72] HASEGAWA, MAKI, JP
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-06-11
[86] 1996-12-12 (PCT/US1996/019567)
[87] (WO1998/025561)

[11] **2,276,405**
[13] C

[51] **Int.Cl. 6C07D 403/04 6A61K 31/415**
[25] EN
[54] **BENZIMIDAZOLE DERIVATIVES AND PHARMACOLOGICALLY ACCEPTABLE SALTS THEREOF**
[54] **DERIVES DE BENZIMIDAZOLES ET SELS DE CES DERNIERS ACCEPTABLES SUR LE PLAN PHARMACEUTIQUE**
[72] INOUE, SHIN-ICHI, JP
[72] ASAO, TETSUJI, JP
[72] KITAGAWA, KAZUHIRO, JP
[72] KINIWA, MAMORU, JP
[72] YAMADA, SHOZO, JP
[72] HOSOYA, TOSHIYUKI, JP
[73] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 1999-06-30
[86] 1998-11-06 (PCT/JP1998/005011)
[87] (WO1999/024425)
[30] JP (HEL-9-305720) 1997-11-07

[11] **2,279,789**
[13] C

[51] **Int.Cl. 6F24F 6/04 6F24F 11/02**
[25] EN
[54] **HUMIDIFIER WICK ASSEMBLY WITH FLOAT ROD RETAINER**
[54] **ASSEMBLAGE DE MECHE D'HUMIDIFICATEUR AVEC DISPOSITIF DE RETENUE DU BATON LESTE**
[72] ANDERSON, BARRY G., US
[73] BEMIS MANUFACTURING COMPANY, US
[22] 1999-08-06
[30] US (09/130,794) 1998-08-07

[11] **2,282,525**
[13] C

[51] **Int.Cl. 6B30B 15/30 6B26D 5/20**
[25] EN
[54] **METHOD OF COMPENSATING FOR SHUT HEIGHT VARIATION**
[54] **PROCEDE POUR COMPENSER UNE VARIATION DE LA HAUTEUR TABLE-COULISSEAU**
[72] LUKAS, DANIEL G., US
[72] WELSH, SCOTT D., US
[72] MARTIN, VAUGHN H., US
[73] VAMCO INTERNATIONAL, INC., US
[85] 1999-08-25
[86] 1999-01-05 (PCT/US1999/000064)
[87] (WO1999/036251)
[30] US (09/006,135) 1998-01-13

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[13] C

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[54] **SLURRY DISTRIBUTOR**
[54] **DISTRIBUTEUR DE BOUE**
[72] LEMIEUX, JOHN, CA
[72] BEDARD, CLAUDE, CA
[73] LEMIEUX, JOHN, CA
[73] BEDARD, CLAUDE, CA
[22] 1999-10-22

[11] **2,288,910**
[13] C

[51] **Int.Cl. 6C07D 487/04 6C07D 401/06**
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[25] EN
[54] **PYRAZOLOPYRIMIDINONES FOR**
SEXUAL DYSFUNCTION
[54] **PYRAZOLOPYRIMIDINONES**
POUR DES DYSFONCTIONS
SEXUELLES
[72] WOOD, ANTHONY, GB
[72] STREET, STEPHEN DEREK ALBERT,
GB
[72] MATHIAS, JOHN PAUL, GB
[72] BUNNAGE, MARK EDWARD, GB
[73] PFIZER INC., US
[85] 1999-10-22
[86] 1998-04-10 (PCT/EP1998/002257)
[87] (WO1998/049166)
[30] GB (9708406.5) 1997-04-25
[30] GB (9715380.3) 1997-07-22
[30] GB (9722954.6) 1997-10-30

[11] **2,298,278**
[13] C

[51] **Int.Cl. 7B32B 27/06 7C08J 5/18**
[25] EN
[54] **COMPOSITE FILM AND PROCESS**
FOR ITS MANUFACTURE
[54] **FILM MULTICOUCHES ET**
PROCEDE POUR SA FABRICATION
[72] NAGELI, HANS-RUDOLF, CH
[72] HUMMEL, OTTO, DE
[72] GERBER, MANFRED, DE
[72] LOHWASSER, WOLFGANG, DE
[73] ALCAN TECHNOLOGY &
MANAGEMENT AG, CH
[22] 2000-02-09
[30] EP (99810141.4) 1999-02-17
[30] EP (99811081.1) 1999-11-24

[11] **2,299,777**
[13] C

[51] **Int.Cl. 7B01J 19/32 7F28F 25/08**
[25] EN
[54] **COLUMN PACKING AND**
METHOD FOR MANUFACTURING
THE SAME
[54] **GARNISSAGE DE COLONNE ET**
METHODE DE FABRICATION
[72] NAGAOKA, TADAYOSHI, JP
[73] NAGAOKA, TADAYOSHI, JP
[22] 2000-02-28
[30] JP (52363/1999) 1999-03-01

[11] **2,306,081**
[13] C

[51] **Int.Cl. 6G11B 20/12 6G11B 20/10**
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[25] EN
[54] **INFORMATION STORING DISK,**
REPRODUCTION APPARATUS, AND
REPRODUCTION METHOD
[54] **DISQUE DE STOCKAGE**
D'INFORMATIONS, APPAREIL ET
PROCEDE DE REPRODUCTION
[72] MORI, YOSHIHIRO, JP
[72] ABE, TADASHI, JP
[72] SHIMBO, MASATOSHI, JP
[72] KOZUKA, MASAYUKI, JP
[73] MATSUSHITA ELECTRIC
INDUSTRIAL CO., LTD., JP
[85] 2000-04-11
[86] 1998-10-14 (PCT/JP1998/004636)
[87] (WO1999/019870)
[30] JP (9/282140) 1997-10-15

[11] **2,315,591**
[13] C

[51] **Int.Cl. 7G08C 23/06 7G01N 21/17**
[25] EN
[54] **FOUR STEP DISCRETE PHASE**
SHIFT DEMODULATION METHOD
FOR FIBER OPTIC SENSOR ARRAYS
[54] **METHODE DE DEMODULATION**
PAR DEPLACEMENT DE PHASE
DISCRETE A QUATRE ETAPES POUR
RESEAUX DE CAPTEURS A FIBRES
OPTIQUES
[72] HALL, DAVID BARNETT, US
[73] LITTON SYSTEMS, INC., US
[22] 2000-07-24
[30] US (09/364,396) 1999-07-30

[11] **2,317,742**
[13] C

[51] **Int.Cl. 6F16K 17/04 6F16K 15/06**
[25] EN
[54] **TANK TRANSPORT PRESSURE**
RELIEF VALVE ASSEMBLY
[54] **ENSEMBLE SOUPAPE DE**
SURPRESSION POUR CITERNES
[72] WILLIAMS, JAMES W., III, US
[73] KELSO TECHNOLOGIES INC., CA
[85] 2000-07-05
[86] 1999-01-28 (PCT/IB1999/000318)
[87] (WO1999/039121)
[30] US (09/015,006) 1998-01-29

[11] **2,327,966**
[13] C

[51] **Int.Cl. 7E06B 9/52**
[25] EN
[54] **SOLID CORE VINYL SCREEN**
DOOR
[54] **CONTRE-PORTE A**
MOUSTIQUAIRE EN VINYLE A
INTERIEUR MASSIF
[72] GREEN, GUERRY E., US
[73] GREEN, GUERRY E., US
[22] 2000-12-11
[30] US (09/459,162) 1999-12-10

[11] **2,343,439**
[13] C

[51] **Int.Cl. 7A61K 31/375 7A61P 19/02**
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[25] EN
[54] **COMPOSITIONS USEFUL IN THE**
TREATMENT OF DISEASES OF
CONNECTIVE TISSUES
[54] **COMPOSITIONS UTILES POUR LE**
TRAITEMENT DES MALADIES DU
TISSU CONJONCTIF
[72] EKANAYAKE, V.G. SUNETRA, CA
[73] OCEAN NUTRITION CANADA LTD.,
CA
[22] 2001-04-25
[30] US (60/200,361) 2000-04-28

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[11] **2,347,811**
[13] C

[51] **Int.Cl. 7H03F 1/32**
[25] EN
[54] **FEEDFORWARD AMPLIFIER**
[54] **AMPLIFICATEUR A**
CORRECTION PRECURSIVE
[72] NAKAYAMA, MASATOSHI, JP
[72] SAKAI, YUJI, JP
[72] HORIGUCHI, KENICHI, JP
[72] IKEDA, YUKIO, JP
[72] NAGANO, JUNICHI, JP
[72] SENDA, HARUYASU, JP
[73] MITSUBISHI DENKI KABUSHIKI
KAISHA, JP
[85] 2001-04-20
[86] 2000-04-05 (PCT/JP2000/002202)
[87] (WO2001/017104)
[30] JP (11/247458) 1999-09-01

[11] **2,384,393**
[13] C

[51] **Int.Cl. 7C03B 5/033 7C03B 5/24**
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[25] EN
[54] **FURNACE FOR HEATING GLASS**
SHEETS
[54] **FOUR UTILISE POUR CHAUFFER**
DES FEUILLES DE VERRE
[72] KELLY, JOSEPH B., US
[73] PPG INDUSTRIES OHIO, INC., US
[22] 1998-08-27
[62] 2,242,780
[30] US (08/928,785) 1997-09-12

[11] **2,362,629**
[13] C

[51] **Int.Cl. 7A61F 5/00**
[25] EN
[54] **PELVIC SUPPORT AND WALKING**
ASSISTANCE DEVICE
[54] **DISPOSITIF DE SOUTIEN**
PELVIEN ET D'AIDE A LA
DEAMBULATION
[72] CRAWFORD, MICHAEL K., US
[72] KILLIAN, JAMES M., US
[73] CRAWFORD, MICHAEL K., US
[73] KILLIAN, JAMES M., US
[85] 2001-08-14
[86] 2000-02-14 (PCT/US2000/003696)
[87] (WO2000/048536)
[30] US (09/251,010) 1999-02-16

[11] **2,368,894**
[13] C

[51] **Int.Cl. 7E02D 29/02**
[25] EN
[54] **RETAINING WALL SYSTEM WITH**
INTERLOCKED WALL-BUILDING
UNITS
[54] **SYSTEME DE MUR DE**
SOUTENEMENT A UNITES DE
CONSTRUCTION
[72] KIM, HUN S., CA
[73] BEON TOP ENTERPRISES LTD., CA
[73] VERSA-LOK ASIA INC., TH
[85] 2001-10-09
[86] 2000-04-07 (PCT/CA2000/000370)
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[30] CA (2,268,509) 1999-04-08
[30] KR (2000/0002413) 2000-01-19

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[13] A1

[51] **Int.Cl. 7E21B 33/134**
[25] EN
[54] **"EZE PLUG" DRILLED HOLE PLUGGING DEVICE**
[54] **DISPOSITIF D'OBTURATION DE TROU FORE «EZE PLUG»**
[72] TIMONY, DAVID J., SR., CA
[72] TIMONY, DAVID C., JR., CA
[71] TIMONY, DAVID J., SR., CA
[71] TIMONY, DAVID C., JR., CA
[22] 2001-12-05
[43] 2003-06-05

[21] **2,364,079**
[13] A1

[51] **Int.Cl. 7A43B 7/00 7A43B 5/00 7A63B 23/04 7A63B 21/06 7A43B 13/38**
[25] EN
[54] **WEIGHTED FOOTWEAR INSERT**
[54] **GARNITURE INTERIEURE LESTEE POUR CHAUSSURES**
[72] BOCK, SAMUEL, CA
[71] BOCK, SAMUEL, CA
[22] 2001-12-05
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[21] **2,364,082**
[13] A1

[51] **Int.Cl. 7F03B 17/00**
[25] EN
[54] **THE TWO CIRCUIT OF WATER: 1. OPEN NATURAL FLOW OF WATER 2. CLOSE FLOW OF WATER CONNECTED IN ONE MECHANICAL AGGREGATE FOR PRODUCING ELECTRICITY**
[54] **LES DEUX CIRCUITS DE L'EAU : 1. DISPOSITIF D'ECOULEMENT NATUREL DE L'EAU 2. DISPOSITIF DE CONFINEMENT DE L'ECOULEMENT DE L'EAU RELIE A UN DISPOSITIF MECANIQUE AFIN DE PRODUIRE DE L'ELECTRICITE**
[72] JABLONSKI, JOSEPH I., CA
[71] JABLONSKI, JOSEPH I., CA
[22] 2001-12-06
[43] 2003-06-06

[21] **2,364,117**
[13] A1

[51] **Int.Cl. 7H01L 31/16**
[25] EN
[54] **CADMIUM SULFOSELENIDE SURFACE-MOUNTABLE OPTOCOUPLER**
[54] **OPTOCOUPLEUR, COMPOSE DE SULFOSELENIURE DE CADMIUM, POUVANT ETRE MONTE EN SURFACE**
[72] ROHRBACHER, FRED, CA
[72] CHIASSON, MICHEL, CA
[72] LACROIX, MARC, CA
[71] SILONEX INC., CA
[22] 2001-12-07
[43] 2003-06-07

[21] **2,364,150**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 39/00 7A61P 35/00 7C12N 5/10 7A61K 38/16 7C07K 14/47 7C12N 15/63**
[25] FR
[54] **POLYPEPTIDES INDUISANT L'APOPTOSE, POLYNUCLEOTIDES LES CODANT ET LEURS APPLICATIONS THERAPEUTHIQUES**
[54] **POLYPEPTIDES INDUCING APOPTOSIS, POLYNUCLEOTIDES THAT CODE FOR THEM AND THEIR THERAPEUTIC APPLICATIONS**
[72] THOULOZE, MARIA-ISABEL, ZZ
[72] LAY, STEPHANIE, FR
[72] PREHAUD, CHRISTOPHE, FR
[72] LAFAGE, MIREILLE, FR
[72] LAFON, MONIQUE, FR
[71] INSTITUT PASTEUR, FR
[22] 2001-12-07
[43] 2003-06-07

[21] **2,364,200**
[13] A1

[51] **Int.Cl. 7C10M 105/32 7C10M 101/02 7C10M 171/02 7C10M 169/04**
[25] EN
[54] **LUBRICATING COMPOSITIONS**
[54] **COMPOSES LUBRIFIANTS**
[72] HEWSON, WILLIAM DONALD, CA
[71] IMPERIAL OIL, A PARTNERSHIP OF IMPERIAL OIL LIMITED AND MCCOLL-FRONTENAC PETROLEUM INC., CA
[22] 2001-12-03
[43] 2003-06-03

[21] **2,364,201**
[13] A1

[51] **Int.Cl. 7G09F 9/30**
[25] EN
[54] **OPTICAL INTERFERENCE MEMBER FOR MATRIX DISPLAYS**
[54] **MOYEN ANTI-EBLOUISSEMENT POUR AFFICHAGES MATRICIELS**
[72] JOHNSON, DAVID J., CA
[72] HOFSTRA, PETER G., CA
[71] LUXELL TECHNOLOGIES, INC., CA
[22] 2001-12-03
[43] 2003-06-03

[21] **2,364,202**
[13] A1

[51] **Int.Cl. 7D05B 87/00**
[25] FR
[54] **PASSE-FILS**
[54] **THREADING DEVICE**
[72] MARTINEAU, YVON, CA
[71] MARTINEAU, YVON, CA
[22] 2001-12-05
[43] 2003-06-05

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[21] **2,364,205**
[13] A1
[51] **Int.Cl. 7B43K 29/05**
[25] EN
[54] **A BALL-POINT PEN WITH CORRECTION SUPPLY**
[54] **STYLO A BILLE ET STYLO CORRECTEUR COMBINES**
[72] WANG, WEI-KUANG, TW
[71] WANG, WEI-KUANG, TW
[22] 2001-12-03
[43] 2003-06-03

[21] **2,364,212**
[13] A1
[51] **Int.Cl. 7B01J 23/755 7B01J 32/00 7B01J 21/04 7B01J 29/04**
[25] EN
[54] **CATALYST FOR HYDROCARBON REFORMING REACTION**
[54] **CATALYSEUR DE REFORMAGE D'HYDROCARBURES**
[72] JAROSCH, KAI, CA
[72] EI SOLH, TAREK, CA
[72] DE LASA, HUGO IGNACIO, CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
[22] 2001-12-03
[43] 2003-06-03

[21] **2,364,213**
[13] A1
[51] **Int.Cl. 7C22B 34/34 7C22B 15/00 7C22B 3/04 7C22B 3/26**
[25] EN
[54] **PROCESS FOR THE TREATMENT OF MOLYBDENUM CONCENTRATE**
[54] **METHODE DE TRAITEMENT D'UN CONCENTRE DE MOLYBDENE**
[72] JONES, DAVID L., CA
[71] COMINCO ENGINEERING SERVICES LTD., CA
[22] 2001-12-03
[43] 2003-06-03

[21] **2,364,216**
[13] A1
[51] **Int.Cl. 7B65G 1/04**
[25] EN
[54] **DYNAMIC ACCUMULATOR CONVEYER SYSTEM**
[54] **TRANSPORTEUR A ACCUMULATION DYNAMIQUE**
[72] PAPPAS, HARRY T., CA
[71] PAPPAS, HARRY T., CA
[22] 2001-12-07
[43] 2003-06-07

[21] **2,364,218**
[13] A1
[51] **Int.Cl. 7A01C 1/00**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATMENT OF BIOLOGICAL OBJECTS, FOR EXAMPLE THE SEED, THE PLANTS, THE MUSHROOMS, THE EGGS, THE SPAWN, THE YEAST, THE SOIL AND ALSO A WATER BY LIGHT IRRADIATION**
[54] **METHODE ET APPAREIL SERVANT AU TRAITEMENT DES OBJETS BIOLOGIQUES, PAR EXEMPLE, LES GRAINES, LES PLANTES, LES CHAMPIGNONS, LES OEUF, LE FRAI, LA LEVURE, LE SOL ET AUSSI L'EAU PAR IRRADIATION A LA LUMIERE**
[72] VYACHESLAV, KRENTSEL, CA
[72] KOTILEVSKI, VICTOR, CA
[71] VYACHESLAV, KRENTSEL, CA
[71] KOTILEVSKI, VICTOR, CA
[22] 2001-12-05
[43] 2003-06-05

[21] **2,364,224**
[13] A1
[51] **Int.Cl. 7B60D 3/00**
[25] EN
[54] **AIR SPRING FORCE APPARATUS ADAPTED FOR WEIGHT TRANSFER**
[54] **ACTIONNEUR A RESSORT PNEUMATIQUE CONC U POUR LE TRANSFERT DU POIDS**
[72] JOHNSON, ANDREW H., CA
[71] JOHNSON, ANDREW H., CA
[22] 2001-12-04
[43] 2003-06-04

[21] **2,364,230**
[13] A1
[51] **Int.Cl. 7H04N 7/18 7G06T 7/00 7H04L 12/16**
[25] EN
[54] **VIDEO SECURITY AND CONTROL SYSTEM**
[54] **SYSTEME VIDEO DE SECURITE ET DE CONTROLE**
[72] ASSAYAG, PEN PROSS, CA
[72] OSBORNE, SHELLY, US
[72] DUCHARME, MARC, CA
[72] LAMBERT, TIM, US
[71] INTER-CITE VIDEO INC., CA
[22] 2001-12-03
[43] 2003-06-03

[21] **2,364,231**
[13] A1
[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
[71] POITRAS, MICHEL, CA
[22] 2001-12-07
[43] 2003-06-07

[21] **2,364,274**
[13] A1
[51] **Int.Cl. 7B60D 1/155**
[25] FR
[54] **BARRE DE REMORQUAGE RETRACTABLE**
[54] **RETRACTABLE TOW BAR**
[72] MILETTE, LUC, CA
[71] MILETTE, LUC, CA
[22] 2001-12-04
[43] 2003-06-04

[21] **2,364,277**
[13] A1
[51] **Int.Cl. 7H01F 27/00 7H01F 27/14**
[25] EN
[54] **METHOD AND APPARATUS FOR DECREASING GASSING AND DECAY OF INSULATING OIL IN TRANSFORMERS**
[54] **METHODE ET APPAREIL DE REDUCTION DU DEGAGEMENT GAZEUX ET DE LA DEGRADATION DE L'HUILE ISOLANTE DANS LES TRANSFORMATEURS**
[72] SABAU, IOAN A., CA
[71] SABAU, IOAN A., CA
[22] 2001-12-05
[43] 2003-06-05

[21] **2,364,287**
[13] A1
[51] **Int.Cl. 7A46B 5/02 7E01H 1/02 7E01H 1/12**
[25] EN
[54] **UNKNOWN**
[54] **INCONNU**
[72] RAE, JOHN W., CA
[71] RAE, JOHN W., CA
[22] 2001-12-07
[43] 2003-06-07

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[21] **2,364,331**
[13] A1

[51] **Int.Cl. 7A61H 37/00 7A61H 23/00 7A61H 39/00**
[25] EN
[54] **NON-ADHESIVE MASSAGER WITH CONDUCTIVE SILICON**
[54] **DISPOSITIF DE MASSAGE DE NATURE NON-ADHESIVE CONTENANT DU SILICIUM CONDUCTEUR**
[72] TSAI, SAM, TW
[71] TSAI, SAM, TW
[22] 2001-12-04
[43] 2003-06-04

[21] **2,364,335**
[13] A1

[51] **Int.Cl. 7B60T 13/38**
[25] EN
[54] **SERVICE BRAKE ACTUATOR HAVING A UNITARY PUSHROD ASSEMBLY WITH A BUSHING THEREFOR**
[54] **ACTIONNEUR DE FREIN AU PIED COMPRENANT UNE TIGE POUSSOIR UNITAIRE ET UNE DOUILLE**
[72] ROY, JAMES F., US
[71] HOLLAND NEWAY INTERNATIONAL, INC., US
[22] 2001-12-04
[43] 2003-06-04

[21] **2,364,339**
[13] A1

[51] **Int.Cl. 7E21B 47/16**
[25] EN
[54] **AN APPARATUS, SYSTEM, AND METHOD FOR DETECTING AND REIMPRESSING ELECTRICAL CHARGE DISTURBANCES ON A DRILL-PIPE**
[54] **APPAREIL, SYSTEME ET METHODE DE DETECTION ET DE REAPPLICATION DES PERTURBATIONS DE CHARGE ELECTRIQUE SUR UNE TIGE DE FORAGE**
[72] KORO, VICTOR, CA
[71] RYAN ENERGY TECHNOLOGIES INC., CA
[22] 2001-12-04
[43] 2003-06-04

[21] **2,364,348**
[13] A1

[51] **Int.Cl. 7E21B 21/10 7E21B 34/06**
[25] EN
[54] **MUDSAVER VALVE WITH RETRIEVABLE INNER SLEEVE**
[54] **VANNE D'ARMOIRE A BOUE AVEC MANCHON INTERIEUR RECUPERABLE**
[72] WENZEL, WILLIAM RAY, CA
[71] WENZEL, WILLIAM RAY, CA
[22] 2001-12-03
[43] 2003-06-03

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

[51] **Int.Cl. 7B32B 15/04 7F16S 1/10**
[25] EN
[54] **SANDWICH MATERIAL**
[54] **MATERIAU EN SANDWICH**
[72] MARKAKI, ATHINA, GB
[72] CLYNE, TREVOR WILLIAM, GB
[71] CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LTD., GB
[22] 2001-12-05
[43] 2003-06-05

[21] **2,364,365**
[13] A1

[51] **Int.Cl. 7F23L 11/00**
[25] EN
[54] **DRAFT CONTROL FOR A SOLID FUEL BURNING APPLIANCE**
[54] **REGULATEUR DE TIRAGE POUR BRULEUR A COMBUSTIBLE SOLIDE**
[72] FREIER, ARNOLD R., CA
[71] FREIER, ARNOLD R., CA
[22] 2001-12-05
[43] 2003-06-05

[21] **2,364,369**
[13] A1

[51] **Int.Cl. 7B62K 15/00**
[25] EN
[54] **MINI BIKE FOLDING STRUCTURE**
[54] **STRUCTURE PLIANTE DE MINI-VELO**
[72] CHEN, TING-HSING, TW
[71] FAR GREAT PLASTICS INDUSTRIAL CO., LTD., TW
[22] 2001-12-05
[43] 2003-06-05

[21] **2,364,374**
[13] A1

[51] **Int.Cl. 7C10G 25/05 7B01J 20/10**
[25] EN
[54] **PROCESS FOR REDUCING SULFUR IN CATALYTIC GASOLINE AND IN INTERMEDIATE CRUDE OIL DISTILLATES, USING SILICA GEL**
[54] **METHODE DE REDUCTION, A L'AIDE DE GEL DE SILICE, DU SOUFRE PRESENT DANS L'ESSENCE ET LES DISTILLATS INTERMEDIAIRES DE PETROLE BRUT OBTENUS PAR DISTILLATION CATALYTIQUE**
[72] GARCIA, MARIANO FERNANDEZ, MX
[72] FRANCO, ISRAEL QUIROZ, MX
[71] FIANS CAPITAL, S.A. DE C.V., MX
[22] 2001-12-05
[43] 2003-06-05

[21] **2,364,396**
[13] A1

[51] **Int.Cl. 7B41J 2/165 7B41J 2/01**
[25] EN
[54] **INKJET PRINTER WITH NOZZLE MAINTENANCE SYSTEM IN PRINTING MEDIA CARRIER**
[54] **IMPRIMANTE A JET D'ENCRE AVEC DISPOSITIF D'ENTRETIEN DE LA BUSE DANS LE SYSTEME DE TRANSPORT DE FEUILLES A IMPRIMER**
[72] BOOTH, ANDREW J.S., CA
[71] CREO SRL, BB
[22] 2001-12-05
[43] 2003-06-05

[21] **2,364,399**
[13] A1

[51] **Int.Cl. 7A63B 59/14 7B27M 3/22**
[25] EN
[54] **BLADE PORTION FOR A HOCKEY STICK**
[54] **EMBOUT POUR BATON DE HOCKEY**
[72] CARON, DANIEL, CA
[71] CORPORATION SHERWOOD-DROLET LTEE, CA
[22] 2001-12-03
[43] 2003-06-03

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[21] **2,364,401**
[13] A1
[51] **Int.Cl. 7B41J 2/01 7B41J 2/165**
[25] EN
[54] **INKJET PRINTER WITH NOZZLE MAINTENANCE SYSTEM RELOCATED BY MEDIA CARRIER**
[54] **IMPRIMANTE A JET D'ENCRE AVEC DISPOSITIF D'ENTRETIEN DE LA BUSE DEPLACÉ PAR LE SYSTEME DE TRANSPORT DE FEUILLES**
[72] BOOTH, ANDREW J.S., CA
[71] CREO SRL, BB
[22] 2001-12-05
[43] 2003-06-05

[21] **2,364,402**
[13] A1
[51] **Int.Cl. 7H04B 10/08**
[25] EN
[54] **METHOD AND APPARATUS FOR MONITORING FIBER OPTIC COMMUNICATIONS**
[54] **METHODE ET APPAREIL DE SURVEILLANCE DES COMMUNICATIONS PAR FIBRE OPTIQUE**
[72] MOORE, BRIAN, CA
[71] BIGBANGWIDTH INC., CA
[22] 2001-12-05
[43] 2003-06-05

[21] **2,364,407**
[13] A1
[51] **Int.Cl. 7G01N 1/10**
[25] EN
[54] **PERSONAL AND ENVIRONMENTAL FLUID SAMPLING APPARATUS**
[54] **APPAREIL DE PRELEVEMENT D'ECHANTILLONS DE FLUIDES DE NATURE PERSONNELLE ET ENVIRONNEMENTALE**
[72] VAN NETTEN, CHRISTIAAN, CA
[71] VAN NETTEN, CHRISTIAAN, CA
[22] 2001-12-05
[43] 2003-06-05

[21] **2,364,408**
[13] A1
[51] **Int.Cl. 7B42F 1/02**
[25] EN
[54] **BANDED CLIP**
[54] **PINCE MUNIE D'UNE BANDE**
[72] FOOTE, ROB, CA
[71] FOOTE, ROB, CA
[22] 2001-12-05
[43] 2003-06-05

[21] **2,364,413**
[13] A1
[51] **Int.Cl. 7A63F 1/12**
[25] EN
[54] **DEVICE AND METHOD FOR CONTINUOUSLY SHUFFLING AND MONITORING CARDS**
[54] **DISPOSITIF ET METHODE POUR BATTRE ET CONTROLER LES CARTES EN CONTINU**
[72] SCHEPER, PAUL K., US
[72] GRAUZER, ATTILA, US
[72] BOURBOUR, FERAIDON, US
[72] SWANSON, RONALD R., US
[72] HELGESEN, JAMES PHILLIP, US
[72] NELSON, TROY D., US
[72] RYNDA, ROBERT J., US
[72] STASSON, JAMES BERNARD, US
[71] SHUFFLE MASTER, INC., US
[22] 2001-12-05
[43] 2003-06-05

[21] **2,364,414**
[13] A1
[51] **Int.Cl. 7A61N 1/30**
[25] EN
[54] **IONTOPHORETIC DRUG DELIVERY DEVICE AND RESERVOIR AND METHOD OF MAKING SAME**
[54] **DISPOSITIF D'IONTOPHORESE POUR ADMINISTRER UNE DROGUE ET RESERVOIR ET METHODE POUR LE FABRIQUER**
[72] ELIASH, BRUCE MICHAEL, US
[72] REDDY, VILAMBI N.R.K., IN
[72] KEUSCH, PRESTON, US
[71] VYTERIS, INC., US
[22] 2001-12-06
[43] 2003-06-06

[21] **2,364,421**
[13] A1
[51] **Int.Cl. 7G01R 31/28 7G01R 31/303**
[25] EN
[54] **INTEGRATED CIRCUIT TESTING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ESSAI DE CIRCUITS INTEGRES**
[72] THIBEAULT, CLAUDE, CA
[71] ECOLE DE TECHNOLOGIE SUPERIEURE, CA
[22] 2001-12-05
[43] 2003-06-05

[21] **2,364,425**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06F 19/00**
[25] EN
[54] **A SYSTEM FOR CALCULATION OF OPERATIONAL RISK CAPITAL**
[54] **SYSTEME DE CALCUL DU CAPITAL-RISQUE D'EXPLOITATION**
[72] ROSEN, DAN, CA
[72] REYNOLDS, DIANE, CA
[72] SYER, DAVID, GB
[71] ALGORITHMICS INTERNATIONAL CORP., BB
[22] 2001-12-05
[43] 2003-06-05

[21] **2,364,437**
[13] A1
[51] **Int.Cl. 7G02B 6/24**
[25] EN
[54] **HIGH POWER OPTICAL FIBRE COUPLING**
[54] **COUPLAGE DE FIBRES OPTIQUES A HAUTE PUISSANCE**
[72] DUCK, GARY S., CA
[72] JOHNSON, DERWYN C., CA
[71] JDS UNIPHASE INC., CA
[22] 2001-12-05
[43] 2003-06-05

[21] **2,364,494**
[13] A1
[51] **Int.Cl. 7E04H 3/24**
[25] EN
[54] **PORTABLE MODULAR STAGE SYSTEM**
[54] **SYSTEME D'ESTRADE MODULAIRE PORTATIF**
[72] RAPPARD, STEPHEN, CA
[71] PROFILE (X) INTERNATIONAL INC., CA
[22] 2001-12-04
[43] 2003-06-04

[21] **2,364,506**
[13] A1
[51] **Int.Cl. 7H03L 7/00 7H04L 7/00**
[25] EN
[54] **INTEGRATED TIMING SYSTEMS AND CIRCUITS**
[54] **SYSTEMES ET CIRCUITS INTEGRES DE SYNCHRONISATION**
[72] BOGDAN, JOHN W., CA
[71] BOGDAN, JOHN W., CA
[22] 2001-12-07
[43] 2003-06-07

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[21] **2,364,516**
[13] A1

[51] **Int.Cl. 7B65G 53/04 7B65G 53/40 7B65G 53/58**
[25] EN
[54] **FLOW DEVELOPMENT CHAMBER**
[54] **CHAMBRE D'AMORCAGE D'ÉCOULEMENT**
[72] PRINCE, WALTER D., US
[72] MILLER, ALAN, US
[72] LANE, DARIN L., US
[71] ECOTECH SYSTEMS INTERNATIONAL, LTD., US
[22] 2001-12-04
[43] 2003-06-04

[21] **2,364,522**
[13] A1

[51] **Int.Cl. 7F03B 13/14**
[25] EN
[54] **WAVE ENERGY MACHINE**
[54] **MACHINE UTILISANT L'ÉNERGIE DES VAGUES**
[72] ROTHMAN, RUSSELL DAVID, CA
[71] ROTHMAN, RUSSELL DAVID, CA
[22] 2001-12-05
[43] 2003-06-05

[21] **2,364,534**
[13] A1

[51] **Int.Cl. 7G01B 5/02 7A01K 97/00**
[25] EN
[54] **FISH MEASURING DEVICE**
[54] **DISPOSITIF DE MESURE DES POISSONS**
[72] ONDUSKO, JOSEPH, CA
[71] ONDUSKO, JOSEPH, CA
[22] 2001-12-06
[43] 2003-06-06

[21] **2,364,539**
[13] A1

[51] **Int.Cl. 7A63C 3/00**
[25] EN
[54] **SKATE HOLDER**
[54] **PORTE-PATINS**
[72] ROWSWELL, GARTH, CA
[71] ROWSWELL, GARTH, CA
[22] 2001-12-06
[43] 2003-06-06

[21] **2,364,564**
[13] A1

[51] **Int.Cl. 7H04N 7/18 7G06K 9/00 7G01R 31/304 7G01N 21/84**
[25] EN
[54] **SHORT-CIRCUIT LOCATOR FOR PRINTED CIRCUIT BOARDS USING A VISIBLE CAMERA AND AN IR CAMERA**
[54] **DÉTECTEUR DE COURT-CIRCUIT SUR CARTE IMPRIMÉE AU MOYEN D'UNE CAMERA FONCTIONNANT DANS LE VISIBLE ET D'UNE CAMERA IR**
[72] PASTOR, MARC, CA
[71] PASTOR, MARC, CA
[22] 2001-12-07
[43] 2003-06-07

[21] **2,364,589**
[13] A1

[51] **Int.Cl. 7A43D 86/00**
[25] EN
[54] **METHOD FOR MAKING A SHOE**
[54] **MÉTHODE DE FABRICATION DE CHAUSSURES**
[72] CHI, CHENG-HSIAN, TW
[71] CHI, CHENG-HSIAN, TW
[22] 2001-12-03
[43] 2003-06-03

[21] **2,364,601**
[13] A1

[51] **Int.Cl. 7G03H 1/08 7G06F 17/00 7G06T 15/00 7G06T 17/00**
[25] EN
[54] **COMPUTER-ASSISTED HOLOGRAM FORMING METHOD AND APPARATUS**
[54] **MÉTHODE ET APPAREIL DE FORMATION D'HOLOGRAMMES ASSISTÉE PAR ORDINATEUR**
[72] GOULANIAN, EMINE, CA
[72] ZERROUK, FAOUZI, CA
[71] UTAR SCIENTIFIC INC., CA
[22] 2001-12-03
[43] 2003-06-03

[21] **2,364,628**
[13] A1

[51] **Int.Cl. 7G06F 17/00 7G06F 3/14**
[25] EN
[54] **COLLECTION ROLE CHANGING GUI**
[54] **GUI PERMETTANT LES CHANGEMENTS DE RÔLE DE COLLECTE**
[72] JAMESON, KEVIN W., CA
[71] JAMESON, KEVIN W., CA
[22] 2001-12-04
[43] 2003-06-04

[21] **2,364,631**
[13] A1

[51] **Int.Cl. 7G06F 17/00 7G06F 3/14**
[25] EN
[54] **COLLECTION EXTENSIBLE ACTION GUI**
[54] **GUI PERMETTANT LES ACTIONS ÉTENDUES DE COLLECTE**
[72] JAMESON, KEVIN W., CA
[71] JAMESON, KEVIN W., CA
[22] 2001-12-04
[43] 2003-06-04

[21] **2,364,632**
[13] A1

[51] **Int.Cl. 7G06F 17/00 7G06F 3/14**
[25] EN
[54] **COLLECTION ADAPTIVE FOCUS GUI**
[54] **GUI PERMETTANT LES CONCENTRATIONS ADAPTABLES DE COLLECTE**
[72] JAMESON, KEVIN W., CA
[71] JAMESON, KEVIN W., CA
[22] 2001-12-04
[43] 2003-06-04

[21] **2,364,638**
[13] A1

[51] **Int.Cl. 7B29C 45/17 7B29C 45/03**
[25] EN
[54] **INJECTION MOLDING MACHINE WITH IMPROVED GUIDING DEVICE**
[54] **PRESSE À MOULER PAR INJECTION AVEC DISPOSITIF DE GUIDAGE AMÉLIORÉ**
[72] PROVENCHER, CAMILLE, CA
[72] COPPOLA, VINCENZO, CA
[71] DERO ENTERPRISES INC., CA
[22] 2001-12-06
[43] 2003-06-06

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[21] **2,364,641**
[13] A1
[51] **Int.Cl. 7E04F 21/20**
[25] EN
[54] **METHOD AND APPARATUS FOR INSTALLING TONGUE AND GROOVE FLOORING**
[54] **METHODE ET OUTIL ELECTRIQUE PERMETTANT LA POSE DE BOIS DE PARQUET A LANGUETTES ET RAINURES**
[72] KOWALSKI, DANIEL G., CA
[71] KOWALSKI, DANIEL G., CA
[22] 2001-12-06
[43] 2003-06-06

[21] **2,364,734**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06F 19/00 7H04L 12/16**
[25] EN
[54] **ELECTRONIC PAPER COUPON PROCESSING SYSTEM**
[54] **SYSTEME ELECTRONIQUE DE TRAITEMENT DES COUPONS DE PAPIER**
[72] SHOEMAKE, RANDALL GENE, US
[71] POS RESOLUTIONS L.L.C., US
[22] 2001-12-07
[43] 2003-06-07

[21] **2,365,654**
[13] A1
[51] **Int.Cl. 7G01B 11/30 7G01N 33/46 7G01N 21/88**
[25] EN
[54] **APPARATUS AND METHOD FOR DETECTING TWIST IN ARTICLES**
[54] **APPAREIL ET METHODE DE DETECTION D'ELEMENTS VRILLES**
[72] LESSARD, JEAN-LUC, CA
[72] LEGROS, YVON, CA
[72] MONGEAU, JEAN-PIERRE, CA
[71] CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC, CA
[22] 2001-12-07
[43] 2003-06-07

[21] **2,364,651**
[13] A1
[51] **Int.Cl. 7C01B 31/04 7H01M 4/02**
[25] EN
[54] **CARBON-CARBON COMPOSITE AS NEGATIVE ELECTRODE FOR LI-ION BATTERIES**
[54] **MATERIAU COMPOSITE CARBONE-CARBONE UTILISE COMME ELECTRODE NEGATIVE DANS DES PILES AUX IONS LITHIUM**
[72] GUERFI, ABDELBAST, CA
[72] DUPUIS, ELISABETH, CA
[72] MALEKI, HOSSEIN, US
[72] SELMAN, J. ROBERT, US
[72] ZAGHIB, KARIM, CA
[71] HYDRO-QUEBEC, CA
[22] 2001-12-07
[43] 2003-06-07

[21] **2,364,741**
[13] A1
[51] **Int.Cl. 7A01H 5/00 7A01H 3/00 7C12N 5/04**
[25] EN
[54] **TRANSGENIC PLANTS HAVING REDUCED SUSCEPTIBILITY TO INVERTEBRATE PESTS**
[54] **PLANTES TRANSGENIQUES A SENSIBILITE REDUITE AUX RAVAGEURS INVERTEBRES**
[72] BOWN, ALAN, CA
[72] SHELP, BARRY, CA
[71] UNIVERSITY OF GUELPH, CA
[22] 2001-12-07
[43] 2003-06-07

[21] **2,365,897**
[13] A1
[51] **Int.Cl. 7H04Q 7/32 7H04Q 7/38 7H04M 1/64**
[25] EN
[54] **SYSTEM AND METHOD FOR EVENT-DEPENDENT STATE ACTIVATION FOR A DUAL-MODE MOBILE COMMUNICATION DEVICE**
[54] **SYSTEME ET METHODE POUR L'ACTIVATION D'UN ETAT DEPENDANT D'UN EVENEMENT POUR UN DISPOSITIF DE COMMUNICATION MOBILE A DEUX MODES**
[72] VANDER VEEN, RAYMOND P., CA
[72] MAJOR, HARRY R., CA
[72] LAZARIDIS, MIHAL, CA
[71] RESEARCH IN MOTION LIMITED, CA
[22] 2001-12-21
[43] 2003-06-07
[30] US (10/016,957) 2001-12-07

[21] **2,364,699**
[13] A1
[51] **Int.Cl. 7E06B 9/52**
[25] EN
[54] **CORNER FOR SCREEN**
[54] **COIN POUR CADRE DE MOUSTIQUAIRE**
[72] THERRIEN, GERARD, CA
[71] THERRIEN, GERARD, CA
[22] 2001-12-07
[43] 2003-06-07

[21] **2,364,773**
[13] A1
[51] **Int.Cl. 7H05K 5/00**
[25] EN
[54] **PADMOUNT TRANSFORMER CABINET**
[54] **ARMOIRE DE TRANSFORMATEUR SUR SOCLE**
[72] CAMPBELL, GREG V., US
[72] SCHNEIDER, JEFFREY A., US
[72] HUNSLEY, RAD J., US
[71] ERMCO, US
[22] 2001-12-07
[43] 2003-06-07

[21] **2,369,921**
[13] A1
[51] **Int.Cl. 7A61N 2/00**
[25] EN
[54] **MAGNETIC THERAPY DEVICE**
[54] **DISPOSITIF DE THERAPIE MAGNETIQUE**
[72] BOEKHOUDT, CHARLES, CA
[71] BOEKHOUDT, CHARLES, CA
[22] 2002-01-31
[43] 2003-06-04
[30] US (60/334,931) 2001-12-04

[21] **2,365,636**
[13] A1
[51] **Int.Cl. 7A61K 39/395 7A61K 45/00 7A61K 47/48**
[25] EN
[54] **MULTIFUNCTIONAL LIGAND**
[54] **LIGAND MULTIFONCTIONNEL**
[72] HERMAN, WILLIAM, CA
[71] HERMAN, WILLIAM, CA
[22] 2001-12-05
[43] 2003-06-05

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[21] **2,369,989**
[13] A1

[51] **Int.Cl. 7H04B 1/16 7G01S 7/03**
[25] EN
[54] **APPARATUS AND METHOD FOR A DIGITAL, WIDEBAND, INTERCEPT AND ANALYSIS PROCESSOR FOR FREQUENCY HOPPING SIGNALS**
[54] **APPAREIL ET METHODE POUR PROCESSEUR NUMERIQUE, A LARGE BANDE, D'INTERCEPTION ET D'ANALYSE DE SIGNAUX A SAUTS DE FREQUENCE**
[72] JONES, GRAEME, CA
[72] NOHARA, TIMOTHY J., CA
[72] WEBER, PETER, CA
[72] PREMJI, AI, CA
[71] SICOM SYSTEMS, LTD., CA
[22] 2002-01-28
[43] 2003-06-05
[30] US (10/011,544) 2001-12-05

[21] **2,376,719**
[13] A1

[51] **Int.Cl. 7A61K 48/00 7A61K 39/235 7C12N 15/52 7A61K 31/7052 7C12N 15/861**
[25] EN
[54] **A METHOD TO IMPROVE THE SAFETY OF GENE THERAPY**
[54] **METHODE POUR AMELIORER LA SECURITE DE LA THERAPIE GENIQUE**
[72] MCCARTER, SARAH D., CA
[72] POTTER, RICHARD F., CA
[71] LONDON HEALTH SCIENCES CENTRE RESEARCH INC., CA
[22] 2002-03-13
[43] 2003-06-07
[30] US (60/336,700) 2001-12-07

[21] **2,377,756**
[13] A1

[51] **Int.Cl. 7A63B 69/00**
[25] EN
[54] **LE GOALIE**
[54] **GARDIEN DE BUTS ARTIFICIEL " LE GOALIE "**
[72] SMALL, ANDREW J., CA
[72] BERDUGO, SIMON, CA
[71] SMALL, ANDREW J., CA
[71] BERDUGO, SIMON, CA
[22] 2002-03-27
[43] 2003-06-07
[30] US (C000000007236803) 2001-12-07

[21] **2,379,225**
[13] A1

[51] **Int.Cl. 7A47J 31/40**
[25] EN
[54] **TEA INFUSER WITH MANUAL AGITATOR**
[54] **INFUSEUR A THE AVEC AGITATEUR MANUEL**
[72] KERR, HELEN, CA
[71] BROWNE & CO. LTD., CA
[22] 2002-03-26
[43] 2003-06-04
[30] US (10/004,592) 2001-12-04

[21] **2,380,502**
[13] A1

[51] **Int.Cl. 7B60D 1/42**
[25] EN
[54] **REMOTE CONTROL TOWING-HITCH ASSEMBLY**
[54] **ATTELAGE DE REMORQUAGE TELECOMMANDE**
[72] TOH, LOUIS, US
[72] HILL, DAVID M., US
[72] SHILITZ, DAVID, US
[71] TOH, LOUIS, US
[71] HILL, DAVID M., US
[71] SHILITZ, DAVID, US
[22] 2002-04-05
[43] 2003-06-04
[30] US (10/005,476) 2001-12-04

[21] **2,380,525**
[13] A1

[51] **Int.Cl. 7A01B 1/02 7E01H 5/02**
[25] EN
[54] **SNOW SHOVEL HAVING LIGHT WEIGHT AND GREATER STRENGTH**
[54] **PELLE A NEIGE LEGERE ET PLUS ROBUSTE**
[72] GUO, WEN-LI, TW
[71] GUO, WEN-LI, TW
[22] 2002-04-05
[43] 2003-06-07
[30] CN (01255187.2) 2001-12-07

[21] **2,385,192**
[13] A1

[51] **Int.Cl. 7F24J 1/00 7C01B 3/08**
[25] EN
[54] **METHOD FOR GENERATING ENERGY BY USING EXOTHERMIC REACTION OF METAL**
[54] **METHODE DE PRODUCTION D'ENERGIE A PARTIR DE LA REACTION EXOTHERMIQUE D'UN METAL**
[72] KIM, CHANG SUN, KR
[71] KIM, CHANG SUN, KR
[22] 2002-05-07
[43] 2003-06-03
[30] KR (2001-0075913) 2001-12-03

[21] **2,385,932**
[13] A1

[51] **Int.Cl. 7F01D 5/18**
[25] EN
[54] **TURBINE BLADE, MANUFACTURING METHOD OF TURBINE BLADE, AND STRIP JUDGING METHOD OF THERMAL BARRIER COAT**
[54] **AUBE DE TURBINE, METHODE DE FABRICATION, ET METHODE D'APPRECIATION DES SURFACES NON RECOUVERTES D'UN REVETEMENT ISOLANT**
[72] MASAKI, SHOJU, JP
[71] ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD., JP
[22] 2002-05-08
[43] 2003-06-07
[30] JP (374542/2001) 2001-12-07

[21] **2,388,215**
[13] A1

[51] **Int.Cl. 7B62B 3/00 7H05F 3/02**
[25] EN
[54] **STRUCTURAL FOAM PLASTIC HAVING ELECTROSTATIC DISSIPATIVE PROPERTIES, MOBILE CART ENBODYING SAME, AND METHOD OF USING SAME**
[54] **MOUSSE PLASTIQUE STRUCTUREE PERMETTANT LA DISSIPATION ELECTROSTATIQUE, CHARIOT MOBILE FABRIQUE AVEC CE MATERIAU, ET METHODE D'UTILISATION**
[72] ZAMBANINI, ADAM, US
[72] OLMSTED, BERNARD H., US
[71] RUBBERMAID COMMERCIAL PRODUCTS LLC, US
[22] 2002-05-30
[43] 2003-06-06
[30] US (10/004,412) 2001-12-06

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[21] **2,390,265**
[13] A1
[51] **Int.Cl. 7H04N 7/18 7H04N 5/232 7H04N 5/77**
[25] EN
[54] **VIDEO SECURITY AND CONTROL SYSTEM**
[54] **SYSTEME DE SECURITE ET DE CONTROLE VIDEO**
[72] DUCHARME, MARC, CA
[72] OSBORNE, SHELLY, US
[72] LAMBERT, TIM, US
[72] ASSAYAG, PEN PROSS, CA
[71] INTER-CITE VIDEO INC., CA
[22] 2002-06-11
[43] 2003-06-03
[30] CA (2,364,230) 2001-12-03

[21] **2,397,427**
[13] A1
[51] **Int.Cl. 7A01C 3/00 7A23K 1/10 7C02F 11/14**
[25] EN
[54] **METHOD FOR REMEDIATING MANURE-CONTAMINATED MATERIAL AND FOR PRODUCING AN ENRICHED FERTILIZER THEREFROM**
[54] **METHODE POUR REMEDIER A LA MATIERE CONTAMINEE PAR LE FUMIER ET POUR PRODUIRE UN FERTILISANT ENRICHI A PARTIR DE CELLE-CI**
[72] STOUT, ROY CALVIN, US
[72] WARNER, KENNETH R., US
[72] GLAZE, BRADLEY S., US
[72] HORN, RONALD DEAN, US
[72] HORN, TERRY DEAN, US
[71] H & H ECO SYSTEMS, INC., US
[22] 2002-08-12
[43] 2003-06-06
[30] US (10/008,590) 2001-12-06

[21] **2,397,884**
[13] A1
[51] **Int.Cl. 7E06B 9/386**
[25] EN
[54] **VERTICAL BLIND WITH FABRIC WRAP AND METHOD**
[54] **STORE VERTICAL A LAMES RECOUVERTES D'UNE GARNITURE EN TISSU, ET METHODE DE FIXATION**
[72] MAROCCO, NORBERT, CA
[71] SHADE-O-MATIC LIMITED, CA
[22] 2002-08-13
[43] 2003-06-03
[30] US (10/008,942) 2001-12-03

[21] **2,398,028**
[13] A1
[51] **Int.Cl. 7F16K 11/00 7F16K 31/64**
[25] EN
[54] **HOT AND COLD WATER MIXER TAP WITH THERMOSTATIC AND FLOW DIVERTER UNIT**
[54] **MITIGEUR MUNI D'UN DISPOSITIF THERMOSTATIQUE ET D'UN DEFLECTEUR**
[72] OTTELLI, GIORDANO, IT
[71] SITEC S.R.L., IT
[22] 2002-08-13
[43] 2003-06-05
[30] IT (BS 2001 A 000100) 2001-12-05

[21] **2,400,908**
[13] A1
[51] **Int.Cl. 7C12N 15/62 7C07K 19/00 7C12N 5/10 7C07K 14/505 7C12N 15/63**
[25] EN
[54] **FUSION PROTEIN HAVING ENHANCED IN VIVO ERYTHROPOIETIN ACTIVITY**
[54] **PROTEINE HYBRIDE AYANT AMELIORE IN VIVO L'ACTIVITE DE L'ERYTHROPOIETINE**
[72] OH, MYUNG-SUK, KR
[72] KIM, KI-WAN, KR
[72] PARK, JI-SOOK, KR
[72] CHUNG, BO-SUP, KR
[72] LEE, DONG-EOK, KR
[71] CHEIL JEDANG CORPORATION, KR
[22] 2002-08-29
[43] 2003-06-03
[30] KR (2001-75994) 2001-12-03

[21] **2,402,587**
[13] A1
[51] **Int.Cl. 7H05K 7/20 7B64D 13/00 7B64D 43/00 7H05K 5/02**
[25] EN
[54] **UNDER FLOOR AIR COOLED HOUSING SYSTEM FOR AIRCRAFT PASSENGER SYSTEM ELECTRICAL BOXES AND THE LIKE**
[54] **SYSTEME DE LOGEMENT SOUS PLANCHER REFROIDI PAR AIR POUR BOITES ELECTRIQUES DES CIRCUITS CABINE ET AUTRES**
[72] SMALLHORN, GEORGE R., CA
[71] INFLIGHT CANADA INC., CA
[22] 2002-09-10
[43] 2003-06-07
[30] US (10/021,206) 2001-12-07
[30] US (10/166,091) 2002-06-11

[21] **2,403,312**
[13] A1
[51] **Int.Cl. 7H02B 15/00 7G06F 17/60**
[25] EN
[54] **ELECTRIC POWER GENERATING FACILITY OPERATION REMOTE SUPPORTING METHOD AND ELECTRIC POWER GENERATING FACILITY OPERATION REMOTE SUPPORTING SYSTEM**
[54] **METHODE DE SOUTIEN A DISTANCE DE L'EXPLOITATION D'UNE INSTALLATION DE GENERATION D'ENERGIE ELECTRIQUE ET SYSTEME DE SOUTIEN A DISTANCE DE L'EXPLOITATION D'UNE INSTALLATION DE GENERATION D'ENERGIE ELECTRIQUE**
[72] NAGAFUCHI, NAOYUKI, JP
[72] FURUKAWA, MASAO, JP
[71] HITACHI, LTD., JP
[22] 2002-09-13
[43] 2003-06-05
[30] JP (2001-370814) 2001-12-05

[21] **2,404,843**
[13] A1
[51] **Int.Cl. 7G08C 17/00 7H04B 7/00**
[25] EN
[54] **METHOD AND SYSTEM FOR COMMUNICATING WITH A QUIESCENT MOBILE VEHICLE**
[54] **METHODE ET SYSTEME DE COMMUNICATION AVEC UN VEHICULE A L'ETAT DE REPOS**
[72] CORREIA, JOHN J., US
[72] CROCKER, DWAYNE A., US
[72] FRASER, RONALD W., US
[71] GENERAL MOTORS CORPORATION, US
[22] 2002-09-24
[43] 2003-06-07
[30] US (10/011,689) 2001-12-07

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[21] **2,405,182**
[13] A1

[51] **Int.Cl. 7B41F 33/16**
[25] EN
[54] **ARRANGEMENT AND CORRESPONDING METHOD FOR FAST IMAGE DATA TRANSFER IN PRINTING PRESSES**
[54] **CONFIGURATION ET METHODE CORRESPONDANTE DE TRANSFERT RAPIDE DE DONNEES D'IMAGE DANS LES PRESSES A IMPRIMER**
[72] WIEDEMANN, ANDREAS, DE
[71] HEIDELBERGER DRICKMASCHINEN AKTIENGESELLSCHAFT, DE
[22] 2002-09-25
[43] 2003-06-05
[30] DE (101 59 557.3) 2001-12-05

[21] **2,406,423**
[13] A1

[51] **Int.Cl. 7G02B 6/26 7G02B 6/255 7G02B 6/32**
[25] EN
[54] **HIGH POWER OPTICAL FIBER COUPLING**
[54] **COUPLAGE DE FIBRES OPTIQUES A HAUTE PUISSANCE**
[72] JOHNSON, DERWYN C., CA
[72] DUCK, GARY S., CA
[71] JDS UNIPHASE INC., CA
[22] 2002-10-03
[43] 2003-06-05
[30] CA (2,364,437) 2001-12-05

[21] **2,406,782**
[13] A1

[51] **Int.Cl. 7B62B 5/00**
[25] EN
[54] **CART LOCKING DEVICE**
[54] **MECANISME DE VERROUILLAGE DE CHARIOT**
[72] PERKINS, JAY F., US
[72] HSU, PAUL E., US
[72] FRIAR, TIMOTHY A., US
[72] ROTH, ROBERT H., US
[71] ARTROMICK INTERNATIONAL, INC., US
[22] 2002-10-03
[43] 2003-06-05
[30] US (10/001,828) 2001-12-05

[21] **2,406,923**
[13] A1

[51] **Int.Cl. 7G06M 3/00 7A61L 2/26**
[25] EN
[54] **COUNTER MECHANISMS**
[54] **MECANISMES DE COMPTEUR**
[72] WILLIAMS, JEFFREY B., US
[71] LUMITEX, INC., US
[22] 2002-10-09
[43] 2003-06-06
[30] US (10/010,091) 2001-12-06

[21] **2,407,153**
[13] A1

[51] **Int.Cl. 7A01H 5/10 7C09D 191/06**
[25] EN
[54] **SEED COAT FOR MANUFACTURED SEEDS**
[54] **TEGUMENT POUR GRAINES MANUFACTUREES**
[72] HEILESEN, MOLLIE K., US
[72] CARLSON, WILLIAM C., US
[72] HARTLE, JEFFREY E., US
[71] WEYERHAEUSER COMPANY, US
[22] 2002-10-07
[43] 2003-06-05
[30] US (10/011,540) 2001-12-05

[21] **2,408,718**
[13] A1

[51] **Int.Cl. 7B01D 71/26**
[25] EN
[54] **DIFFUSION MEMBRANE**
[54] **MEMBRANE DE DIFFUSION**
[72] NGUYEN, KHUY V., US
[72] HUX, SHAWN E., US
[72] SIMMONS, DONALD K., US
[72] CALL, RONALD W., US
[71] CELGARD INC., US
[22] 2002-10-17
[43] 2003-06-03
[30] US (10/005,846) 2001-12-03

[21] **2,408,722**
[13] A1

[51] **Int.Cl. 7H01R 24/00 7H01R 13/504**
[25] EN
[54] **HYBRID ELECTRICAL CONNECTOR FOR A LAMP-TO-HARNES INTERFACE**
[54] **CONNECTEUR ELECTRIQUE HYBRIDE POUR INTERFACE LAMPE-FAISCEAU DE FILS**
[72] BROOKS, TIMOTHY W., US
[72] HARMON, DARREN L., US
[72] FISHER, ROBERT E., JR., US
[72] WEIDMAN, DON L., US
[71] GROTE INDUSTRIES, INC., US
[22] 2002-10-17
[43] 2003-06-07
[30] US (10/017,827) 2001-12-07

[21] **2,409,283**
[13] A1

[51] **Int.Cl. 7A01B 63/10 7F16F 9/02 7E01H 1/04 7E01H 5/06 7A01B 63/11**
[25] EN
[54] **AIR SPRING ACTUATOR WEIGHT TRANSFER APPARATUS**
[54] **DISPOSITIF DE TRANSFERT DE POIDS PAR ACTIONNEUR A RESSORT PNEUMATIQUE**
[72] JOHNSON, ANDREW H., CA
[71] JOHNSON, ANDREW H., CA
[22] 2002-11-13
[43] 2003-06-04
[30] CA (2,364,224) 2001-12-04

[21] **2,409,775**
[13] A1

[51] **Int.Cl. 7C12N 9/16**
[25] EN
[54] **REVERSIBLY MODIFIED THERMOSTABLE ENZYMES FOR DNA SYNTHESIS AND AMPLIFICATION IN VITRO**
[54] **ENZYMES THERMOSTABLES MODIFIES DE FACON REVERSIBLE POUR LA SYNTHESE DE L'ADN ET L'AMPLIFICATION IN VITRO**
[72] GREIF, MICHAEL, DE
[72] SOBEK, HARALD, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[22] 2002-11-28
[43] 2003-06-03
[30] EP (01 128 725.7) 2001-12-03

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[21] **2,410,119**
[13] A1

[51] **Int.Cl. 7B60C 15/06 7B60C 15/00**
[25] EN
[54] **PNEUMATIC TIRE BEAD AREA CONSTRUCTION FOR IMPROVED CHAFER CRACKING RESISTANCE DURING RUN-FLAT OPERATION**
[54] **TALON DE PNEUMATIQUE CONSTRUIT DE FACON A AMELIORER LA RESISTANCE AUX CRAQUELURES DE LA BANDE DE RENFORT EN FONCTIONNEMENT NORMAL OU EN CAS DE DEGONFLEMENT**

[72] FOURGON, FERNAND ANTOINE JOSEPH, BE

[72] COLANTONIO, LAURENT, BE
[72] ROESGEN, ALAIN EMILE FRANCOIS, LU

[72] PHILPOTT, FRANK, LU
[72] SCHMITZ, FRANK, LU
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2002-10-29
[43] 2003-06-06
[30] US (10/004,123) 2001-12-06

[21] **2,411,210**
[13] A1

[51] **Int.Cl. 7A01J 5/00 7A01J 9/00 7A01J 5/017**

[25] EN
[54] **AN ASSEMBLY OF A MILK TANK AND A MEASURING PROBE**
[54] **RESERVOIR A LAIT ET SONDE DE JAUGEAGE**

[72] VEENSTRA, AALZE, NL
[71] LELY ENTERPRISES AG, CH
[22] 2002-11-05
[43] 2003-06-05
[30] NL (1019496) 2001-12-05

[21] **2,411,623**
[13] A1

[51] **Int.Cl. 7B21F 1/02 7B21C 47/16**
[25] EN
[54] **APPARATUS FOR THE PRODUCTION OF STRETCHED WIRE**
[54] **MACHINE DE FABRICATION DE FIL METALLIQUE ETIRE**

[72] ASCHWANDEN, RENE, CH
[72] SCHAHOFF, CARSTEN, CH
[71] H.A. SCHLATTER AG, CH
[22] 2002-11-13
[43] 2003-06-07
[30] CH (01 811192.2) 2001-12-07

[21] **2,411,728**
[13] A1

[51] **Int.Cl. 7B60N 2/005 7B60N 2/02**
[25] EN

[54] **MOUNTING SYSTEM AND VEHICLE SEAT ASSEMBLY INCLUDING THE SAME**
[54] **SIEGE DE VEHICULE ET SYSTEME D'INSTALLATION INTEGRE**

[72] DEMPLOS, PHILIPPE, US
[72] SHARNOWSKI, DONALD, US
[71] FAURECIA AUTOMOTIVE SEATING CANADA LIMITED, CA
[22] 2002-11-13
[43] 2003-06-07
[30] US (60/336,686) 2001-12-07

[21] **2,411,781**
[13] A1

[51] **Int.Cl. 7H04L 1/08 7H04L 29/06 7H04Q 7/20**

[25] EN
[54] **WIRELESS COMMUNICATION SYSTEM**
[54] **SYSTEME DE COMMUNICATION SANS FIL**

[72] FANTASKE, STEVE, CA
[71] PSION TEKLOGIX INC., CA
[22] 2002-11-13
[43] 2003-06-03
[30] US (09/998,442) 2001-12-03

[21] **2,411,810**
[13] A1

[51] **Int.Cl. 7B23D 43/00**

[25] EN
[54] **INTERNAL BROACH**
[54] **OUTIL DE BROCHAGE INTERIEUR**

[72] BERKTOLD, ANDREAS, DE
[72] WEGHAUS, NORBERT, DE
[71] FORST TECHNOLOGIE GMBH & CO. KG, DE
[22] 2002-11-13
[43] 2003-06-05
[30] DE (101 59 532.8) 2001-12-05

[21] **2,412,123**
[13] A1

[51] **Int.Cl. 7A61K 7/42 7A61K 7/40 7A61K 7/48**

[25] FR
[54] **COMPOSITION AUTOBRONZANTE CONTENANT UN DERIVE DU 2-HYDROXYBENZOPHENONE AMINOSUBSTITUE ET UN AGENT AUTOBRONZANT**
[54] **SELF-TANNING COMPOSITION CONTAINING AN AMINO-SUBSTITUTED 2-HYDROXYBENZOPHENONE DERIVATIVE AND A SELF-TANNING AGENT**

[72] CANDAU, DIDIER, FR
[71] L'OREAL, FR
[22] 2002-11-21
[43] 2003-06-07
[30] FR (01 15 856) 2001-12-07

[21] **2,412,134**
[13] A1

[51] **Int.Cl. 7G06F 17/40 7B61L 29/00 7G08C 17/02 7H04Q 7/20 7H04L 12/54 7H04L 12/66**

[25] EN
[54] **HIGHWAY RAILROAD CROSSING VEHICLE DETECTION METHODS AND SYSTEMS**

[54] **METHODES ET SYSTEMES DE DETECTION DE VEHICULES AUX PASSAGES A NIVEAU**

[72] HILLEARY, THOMAS N., US
[71] LEBARGE, INC., US
[22] 2002-11-19
[43] 2003-06-03
[30] US (10/005,231) 2001-12-03

[21] **2,412,202**
[13] A1

[51] **Int.Cl. 7B22D 11/124**

[25] EN
[54] **CHILL TUBE FOR THE CONTINUOUS CASTING OF METALS**
[54] **TUBE DE REFROIDISSEMENT POUR LE MOULAGE EN CONTINU DE METAUX**

[72] HUGENSCHUTT, GERHARD, DE
[72] KOLBECK, DIETMAR, DE
[72] HAURI, ROLAND, CH
[72] MACKOWIAK, EGON, DE
[71] KM EUROPA METAL AG, DE
[22] 2002-11-19
[43] 2003-06-07
[30] DE (101 60135.2) 2001-12-07

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1 juin 2003 - 7 juin 2003

[21] **2,412,222**
[13] A1

[51] **Int.Cl. 7F24C 3/04 7F23D 14/12 7F23D 14/46**
[25] EN
[54] **ENCLOSURE FOR AN INFRARED HEATER**
[54] **BOITIER D'APPAREIL DE CHAUFFAGE A INFRAROUGES**
[72] SZCZECH, JILL M., US
[72] COOLEY, ROBERT S., US
[72] SMITH, GARY A., US
[71] MODINE MANUFACTURING COMPANY, US
[22] 2002-11-20
[43] 2003-06-06
[30] US (10/021,593) 2001-12-06

[21] **2,412,247**
[13] A1

[51] **Int.Cl. 7H04N 7/173**
[25] EN
[54] **PROGRAM GUIDE DISPLAY APPARATUS AND PROGRAM GUIDE DISPLAY METHOD**
[54] **APPAREIL D'AFFICHAGE DE GUIDE DE PROGRAMMES ET METHODE D'AFFICHAGE DE GUIDE DE PROGRAMMES**
[72] INOUE, TATSU, JP
[71] PIONEER CORPORATION, JP
[22] 2002-11-21
[43] 2003-06-03
[30] JP (2001-368375) 2001-12-03

[21] **2,412,258**
[13] A1

[51] **Int.Cl. 7B60T 17/18 7B64D 47/00 7F16D 66/02 7B64C 25/42**
[25] EN
[54] **SYSTEM AND METHOD FOR AIRCRAFT BRAKING SYSTEM USAGE MONITORING**
[54] **SYSTEME ET METHODE DE CONTROLE DU DEGRE D'USURE D'UN SYSTEME DE FREINAGE D'AERONEF**
[72] DEVLIEG, GARRETT H., US
[71] HYDRO-AIRE, INC., US
[22] 2002-11-21
[43] 2003-06-04
[30] US (10/008,607) 2001-12-04

[21] **2,412,654**
[13] A1

[51] **Int.Cl. 7B05D 3/12 7B05D 1/06**
[25] EN
[54] **METHOD OF REDUCING SURFACE DEFECTS IN A COATED SURFACE**
[54] **METHODE POUR REDUIRE LES DEFAUTS SUPERFICIELS D'UNE SURFACE ENDUITE**
[72] TULLAS, GORDON, US
[71] ROHM AND HAAS COMPANY, US
[22] 2002-11-25
[43] 2003-06-04
[30] US (60/338,387) 2001-12-04

[21] **2,412,655**
[13] A1

[51] **Int.Cl. 7B22C 9/00**
[25] EN
[54] **METHOD FOR THE BLASTING CALIBRATION OF A CHILL MOLD**
[54] **METHODE DE CALIBRATION PAR SABLAGE D'UN MOULE METALLIQUE**
[72] HAURI, ROLAND, CH
[71] KM EUROPA METAL AG, DE
[22] 2002-11-25
[43] 2003-06-07
[30] DE (101 60 134.4) 2001-12-07

[21] **2,412,702**
[13] A1

[51] **Int.Cl. 7B01D 61/28 7A61F 2/01 7B01D 63/04 7B01D 35/30 7B01D 61/30**
[25] EN
[54] **FILTERING DEVICE WITH ASSOCIATED SEALING DESIGN AND METHOD**
[54] **FILTRE MUNI D'UN ANNEAU D'ETANCHEITE, ET METHODE DE MONTAGE**
[72] POPE, RODNEY WILLIAM, US
[72] STROUP, ERIC WILSON, US
[72] MCGHEE, TROY, US
[72] BROWN, WILLIAM KELLY, US
[72] PETERSEN, DANEN LEE, US
[72] TUOMINEN, OLLI, US
[71] FRESENIUS USA, INC., US
[22] 2002-10-28
[43] 2003-06-05
[30] US (10/007,516) 2001-12-05

[21] **2,412,746**
[13] A1

[51] **Int.Cl. 7B28B 1/087**
[25] EN
[54] **CONCRETE BLOCK VIBRATOR**
[54] **VIBRATEUR DE MOULES DE BLOCS DE BETON**
[72] CICHOS, SIGMUND P., US
[71] CICHOS, SIGMUND P., US
[22] 2002-11-26
[43] 2003-06-06
[30] US (10/010,027) 2001-12-06

[21] **2,412,748**
[13] A1

[51] **Int.Cl. 7A47D 1/10**
[25] EN
[54] **TABLE SEAT WITH EASY AND SECURE POSITIONING**
[54] **SIEGE A FIXER A UNE TABLE MIS EN PLACE FACILEMENT ET DE FACON SECURITAIRE**
[72] CAPELLI, PIETRO, IT
[71] ARTSANA S.P.A., IT
[22] 2002-11-26
[43] 2003-06-05
[30] IT (MI2001 U 000635) 2001-12-05

[21] **2,412,796**
[13] A1

[51] **Int.Cl. 7A61L 27/58 7A61L 27/26**
[25] EN
[54] **BIODEGRADABLE IMPLANT AND METHOD FOR MANUFACTURING ONE**
[54] **IMPLANT BIODEGRADABLE ET METHODE DE FABRICATION**
[72] NIEUWENHUIS, JAN, NL
[72] POHJONEN, TIMO, NL
[72] PIRHONEN, EIJA, FI
[71] INION LTD, FI
[22] 2002-11-26
[43] 2003-06-04
[30] US (10/006,796) 2001-12-04

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[21] **2,412,799**
[13] A1
[51] **Int.Cl. 7A61K 7/42 7A61K 7/40**
7A61K 7/48
[25] FR
[54] **COMPOSITIONS COSMETIQUES**
ANTISOLAIRES A BASE D'UN
MELANGE SYNERGIQUE DE FILTRES
ET UTILISATIONS
[54] **COSMETIC SUNSCREENING**
COMPOSITIONS WITH A BASE
CONSISTING OF A SYNERGIC
MIXTURE OF FILTERS, AND THE
APPLICATIONS OF THESE PRODUCTS
[72] CANDAU, DIDIER, FR
[71] L'OREAL, FR
[22] 2002-11-26
[43] 2003-06-07
[30] FR (0115861) 2001-12-07

[21] **2,412,800**
[13] A1
[51] **Int.Cl. 7G10K 11/175**
[25] EN
[54] **ARCHITECTURAL SOUND**
ENHANCEMENT SYSTEM
[54] **SYSTEME D'ENRICHISSEMENT**
AUDIOPHONIQUE ARCHITECTURAL
[72] ROY, KENNETH P., US
[72] HENDRICKS, RICHARD S., US
[71] ARMSTRONG WORLD
INDUSTRIES, INC., US
[22] 2002-11-26
[43] 2003-06-06
[30] US (10/008,405) 2001-12-06

[21] **2,412,803**
[13] A1
[51] **Int.Cl. 7A61K 7/42 7A61K 7/40**
[25] FR
[54] **COMPOSITIONS COSMETIQUES**
ANTISOLAIRES A BASE D'UN
MELANGE SYNERGIQUE DE FILTRES
ET UTILISATIONS
[54] **COSMETIC SUNSCREENING**
COMPOSITIONS WITH A BASE
CONSISTING OF A SYNERGIC
MIXTURE OF FILTERS, AND THE
APPLICATIONS OF THESE PRODUCTS
[72] CANDAU, DIDIER, FR
[71] L'OREAL, FR
[22] 2002-11-26
[43] 2003-06-07
[30] FR (0115857) 2001-12-07

[21] **2,412,807**
[13] A1
[51] **Int.Cl. 7A61K 7/42 7A61K 7/40**
[25] FR
[54] **COMPOSITIONS COSMETIQUES**
ANTISOLAIRES A BASE D'UN
MELANGE SYNERGIQUE DE FILTRES
ET UTILISATIONS
[54] **COSMETIC SUNSCREENING**
COMPOSITIONS WITH A BASE
CONSISTING OF A SYNERGIC
MIXTURE OF FILTERS, AND THE
APPLICATIONS OF THESE PRODUCTS
[72] CANDAU, DIDIER, FR
[71] L'OREAL, FR
[22] 2002-11-26
[43] 2003-06-07
[30] FR (0115860) 2001-12-07

[21] **2,412,828**
[13] A1
[51] **Int.Cl. 7A61K 7/42 7A61K 7/40**
7A61K 7/48
[25] FR
[54] **COMPOSITION FILTRANTE**
CONTENANT UN DERIVE DE 1,3,5-
TRIAZINE, UN DERIVE DU
DIBENZOYLMETHANE, ET UN
DERIVE DE 2-
HYDROXYBENZOPHENONE
AMINOSUBSTITUE
[54] **FILTERING COMPOSITION**
CONTAINING A1,3,5-TRIAZINE
DERIVATIVE, A
DIBENZOYLMETHANE DERIVATIVE,
AND A 2-HYDROXYBENZOPHENONE
DERIVATIVE
[72] CANDAU, DIDIER, FR
[71] L'OREAL, FR
[22] 2002-11-27
[43] 2003-06-07
[30] FR (0115869) 2001-12-07

[21] **2,412,838**
[13] A1
[51] **Int.Cl. 7A61K 7/42**
[25] FR
[54] **COMPOSITION FILTRANTE**
CONTENANT UN FILTRE DU TYPE
DERIVE DU DIBENZOYLMETHANE ET
UN FILTRE DU TYPE DERIVE DE 2-
HYDROXYBENZOPHENONE
AMINOSUBSTITUE
[54] **FILTERING COMPOSITION**
CONTAINING A
DIBENZOYLMETHANE DERIVED
FILTER TYPE AND A 2-
HYDROXYBENZOPHENONE
AMINOSUBSTITUTED DERIVED
FILTER TYPE
[72] CANDAU, DIDIER, FR
[71] L'OREAL, FR
[22] 2002-11-28
[43] 2003-06-07
[30] FR (0115858) 2001-12-07

[21] **2,412,916**
[13] A1
[51] **Int.Cl. 7H04L 12/56 7H04L 12/24**
[25] EN
[54] **TUNNELING SCHEME**
OPTIMIZED FOR USE IN VIRTUAL
PRIVATE NETWORKS
[54] **METHODE DE CREATION DE**
TUNNELS OPTIMISEE EN VUE DE SON
UTILISATION DANS DES RESEAUX
PRIVES VIRTUELS
[72] AYSAN, CAN C., CA
[72] WASASINGHE, RU C., CA
[71] NORTEL NETWORKS LIMITED, CA
[22] 2002-11-25
[43] 2003-06-07
[30] US (10/005,328) 2001-12-07

[21] **2,412,950**
[13] A1
[51] **Int.Cl. 7H04M 3/493 7H04M 3/22**
[25] EN
[54] **METHOD OF PROVIDING A USER**
INTERFACE FOR AUDIO
TELECOMMUNICATIONS SYSTEMS
[54] **METHODE DE FOURNIR UNE**
INTERFACE UTILISATEUR POUR
SYSTEMES DE
TELECOMMUNICATIONS AUDIO
[72] SOMBERG, BENJAMIN L., US
[72] PEARSON, GWEN L., US
[71] AT&T CORP., US
[22] 2002-11-26
[43] 2003-06-03
[30] US (10/012,113) 2001-12-03

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1 juin 2003 - 7 juin 2003

[21] **2,412,980**
[13] A1

[51] **Int.Cl. 7B21B 45/02**
[25] EN
[54] **PROCESS FOR IMPROVING THE ADHESION OF A LUBRICANT TO THE SURFACE OF AN ALUMINIUM STRIP**
[54] **PROCEDE POUR AMELIORER L'ADHERENCE D'UN LUBRIFIANT A LA SURFACE D'UNE BANDE D'ALUMINIUM**
[72] FURRER, PETER, CH
[72] PONT, RENE PIERRE, CH
[72] SAUR, ERHARD, CH
[71] ALCAN TECHNOLOGY & MANAGEMENT LTD., CH
[22] 2002-11-27
[43] 2003-06-05
[30] EP (01 811 186.4) 2001-12-05

[21] **2,412,982**
[13] A1

[51] **Int.Cl. 7F01D 5/12**
[25] FR
[54] **PLATE-FORME D'AUBE DE DISTRIBUTEUR POUR MOTEUR A TURBINE A GAZ**
[54] **NOZZLE DIAPHRAGM PLATFORM FOR GAS TURBINE ENGINE**
[72] LAFARGE, GREGORY, FR
[72] TEXIER, CHRISTOPHE, FR
[71] SNECMA MOTEURS, FR
[22] 2002-11-29
[43] 2003-06-05
[30] FR (01 15696) 2001-12-05

[21] **2,412,989**
[13] A1

[51] **Int.Cl. 7F01D 5/18**
[25] FR
[54] **PERFECTIONNEMENTS APPORTES AU COMPORTEMENT THERMIQUE DU BORD DE FUITE D'UNE AUBE DE TURBINE HAUTE-PRESSION**
[54] **IMPROVEMENTS TO THE THERMAL BEHAVIOUR OF THE TRAILING EDGE OF A HIGH PRESSURE TURBINE BLADE**
[72] BARIAUD, CHRISTIAN, FR
[72] BOURY, JACQUES, FR
[71] SNECMA MOTEURS, FR
[22] 2002-11-29
[43] 2003-06-05
[30] FR (01 15904) 2001-12-05

[21] **2,413,006**
[13] A1

[51] **Int.Cl. 7B29C 33/20 7B65D 55/02**
[25] FR
[54] **MOULE D'INJECTION POUR BOUCHONS PLASTIQUES A CHARIOT**
[54] **INJECTION MOULD FOR PLASTIC STOPPERS**
[72] CURTIL, BERTRAND, FR
[71] CURTIL SOCIETE ANONYME, FR
[22] 2002-12-04
[43] 2003-06-05
[30] FR (01.15728) 2001-12-05

[21] **2,413,011**
[13] A1

[51] **Int.Cl. 7E01B 31/00**
[25] FR
[54] **PROCEDE DE CONSTRUCTION D'UNE VOIE FERREE DANS LEQUEL ON REALISE UNE DALLE DE VOIE EN BETON ET ON INSERE DANS LA DALLE DE VOIE DES ELEMENTS D'ANCRAGE DE LA VOIE FERREE**
[54] **RAILWAY TRACK BUILDING PROCESS WHEREBY A CONCRETE SLAB ROADBED IS LAID AND TRACK ANCHORING COMPONENTS ARE INSERTED INTO THE SLAB ROADBED**
[72] SAYADI, MARC, FR
[72] SKIFIC, YVAN, FR
[71] ALSTOM, FR
[22] 2002-12-04
[43] 2003-06-05
[30] FR (0115730) 2001-12-05

[21] **2,413,057**
[13] A1

[51] **Int.Cl. 7H04L 29/02 7G06F 17/40 7H04L 12/66**
[25] EN
[54] **SYSTEM AND METHOD FOR ADAPTING AN INTERNET FILTER**
[54] **SYSTEME ET METHODE D'ADAPTATION D'UN FILTRE INTERNET**
[72] ANDERSON, MARK, US
[72] KESTER, HAROLD, US
[72] RUSKIN, DAN, US
[72] LEE, CHRIS, US
[71] WEBSense, INC., US
[22] 2002-11-27
[43] 2003-06-07
[30] US (10/017,750) 2001-12-07

[21] **2,413,093**
[13] A1

[51] **Int.Cl. 7F16K 31/00**
[25] EN
[54] **WATER FLOW CONTROL DEVICE INCORPORATING WATER LIMITING VALVE**
[54] **DISPOSITIF DE COMMANDE DU DEBIT DE L'EAU COMPRENANT UNE VALVE REGULATRICE**
[72] WILLIAMS, EDWARD CHUCK JR., US
[71] WILLIAMS, EDWARD CHUCK JR., US
[22] 2002-11-28
[43] 2003-06-03
[30] US (09/998,609) 2001-12-03

[21] **2,413,103**
[13] A1

[51] **Int.Cl. 7G02B 6/44 7H04B 10/12 7G02B 6/46**
[25] EN
[54] **METHOD OF HERMETICALLY SEALING A FIBER OPTIC LIGHT GUIDE IN A METALLIC FEEDTHROUGH SLEEVE WITH GLASS SOLDER AND HERMETICALLY SEALED FEEDTHROUGH DEVICE MADE THEREBY**
[54] **METHODE DE SCELLAGE HERMETIQUE D'UN GUIDE D'ONDES DE FIBRES OPTIQUES DANS UNE TRAVERSEE METALLIQUE AU MOYEN DE SOUDURE EN VERRE ET TRAVERSEE SCELLEE HERMETIQUEMENT FABRIQUEE SELONCETTE METHODE**
[72] FRITZ, OLIVER, DE
[72] STEINBERG, ANDREAS, DE
[71] SCHOTT GLAS, DE
[22] 2002-11-28
[43] 2003-06-01
[30] DE (101 59 093.8-51) 2001-12-01

[21] **2,413,131**
[13] A1

[51] **Int.Cl. 7F24H 3/06**
[25] EN
[54] **ONE SHOT HEAT EXCHANGER BURNER**
[54] **BRULEUR ET ECHANGEUR THERMIQUE A CIRCUIT UNIQUE**
[72] SPECHT, WERNER, US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2002-11-28
[43] 2003-06-05
[30] US (60/336,956) 2001-12-05

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[21] **2,413,153**
[13] A1
[51] **Int.Cl. 7C21C 5/46**
[25] EN
[54] **METALLURGICAL LANCE AND APPARATUS**
[54] **APPAREIL ET LANCE DE SOUFFLAGE METALLURGIQUES**
[72] FELDERMANN, CHRISTIAN JUAN, GB
[72] CAMERON, ANDREW MILLER, GB
[71] THE BOC GROUP PLC, GB
[22] 2002-11-28
[43] 2003-06-03
[30] GB (0128878.6) 2001-12-03

[21] **2,413,202**
[13] A1
[51] **Int.Cl. 7H02N 11/00 7F03G 7/10**
[25] EN
[54] **MAIN BLOCK OF DROP-POWER STATION**
[54] **BLOC PRINCIPAL DE POSTE D'ENERGIE GRAVITATIONNELLE**
[72] TARNOPOLSKY, MIKHAIL, US
[72] TARNOPOLSKY, GALINA, US
[71] TARNOPOLSKY, MIKHAIL, US
[71] TARNOPOLSKY, GALINA, US
[22] 2002-11-29
[43] 2003-06-03
[30] US (09/998,984) 2001-12-03

[21] **2,413,213**
[13] A1
[51] **Int.Cl. 7C09B 62/01**
[25] EN
[54] **MIXTURES OF FIBER-REACTIVE BISAZO DYES AND USE THEREOF**
[54] **MELANGES DE COLORANTS DISAZO~QUES REAGISSANT AVEC LA FIBRE ET UTILISATION CONNEXE**
[72] MROTZECK, UWE, DE
[72] EICHHORN, JOACHIM, DE
[72] RUSS, WERNER, DE
[71] DYSTAR TEXTILFARBEN GMBH & CO. DEUTSCHLAND KG, DE
[22] 2002-11-29
[43] 2003-06-01
[30] DE (101 59 085.7) 2001-12-01

[21] **2,413,219**
[13] A1
[51] **Int.Cl. 7H04L 12/56 7H04L 12/24**
[25] EN
[54] **FAST RECOVERY METHOD IN LABEL SWITCHING NETWORKS, AND NETWORK ARRANGEMENT TO CARRY OUT THE METHOD**
[54] **METHODE DE RECUPERATION RAPIDE DANS DES RESEAUX DE COMMUTATION D'ETIQUETTES ET CONFIGURATION DE RESEAU PERMETTANT D'APPLIQUER CETTE METHODE**
[72] MATTSON, GEOFFREY, US
[71] NORTEL NETWORKS LIMITED, CA
[22] 2002-11-29
[43] 2003-06-07
[30] GB (01403176.9) 2001-12-07

[21] **2,413,227**
[13] A1
[51] **Int.Cl. 7G02B 6/24 7H04B 10/20 7G02B 6/42**
[25] EN
[54] **FIBER-OPTIC BACKPLANE METHOD AND APPARATUS**
[54] **METHODE ET APPAREIL DE RACCORDEMENT DE FIBRE OPTIQUE SUR PANNEAU ARRIERE**
[72] PARADISO, LOUIS R., US
[72] NERIUS, KENNETH J., US
[71] HARRIS CORPORATION, US
[22] 2002-11-29
[43] 2003-06-04
[30] US (10/005,042) 2001-12-04

[21] **2,413,235**
[13] A1
[51] **Int.Cl. 7C07D 303/30**
[25] EN
[54] **PROCESSING METHOD OF LACTONIZATION IN THE PREPARATION OF STATINS**
[54] **METHODE DE TRAITEMENT PAR LACTONISATION POUR LA PREPARATION DE STATINES**
[72] KIM, JIN-WAN, KR
[72] CHOI, KWANG-DO, KR
[72] CHO, HONG-SUK, KR
[72] LEE, SANG-HO, KR
[72] LEE, KWANG-HYEG, KR
[71] CJ CORP., KR
[22] 2002-11-29
[43] 2003-06-03
[30] KR (2001-0075991) 2001-12-03

[21] **2,413,247**
[13] A1
[51] **Int.Cl. 7H03M 13/29 7H04N 7/015 7H04N 7/26 7H04B 1/68**
[25] EN
[54] **APPARATUS AND METHOD FOR GENERATING ROBUST ATSC 8-VSB BIT STREAMS**
[54] **APPAREIL ET METHODE DE PRODUCTION DE TRAINS DE BITS A BANDE LATERALE RESIDUELLE A 8 ETATS (8-VSB) ATSC ROBUSTES**
[72] BIRRU, DAGNACHEW, US
[72] GADDAM, VASANTH R., US
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[22] 2002-11-29
[43] 2003-06-03
[30] US (10/011,968) 2001-12-03

[21] **2,413,259**
[13] A1
[51] **Int.Cl. 7C09D 175/04 7C23C 22/00 7C09D 127/04 7C09D 5/08 7C09D 129/10 7B05D 7/14 7C09D 133/20**
[25] EN
[54] **SOLVENT-FREE, TWO-COMPONENT, POLYURETHANE REACTIVE COMPOSITIONS AND COATINGS PRODUCED THEREFROM THAT HAVE GOOD ELONGATION AND WITHSTAND CATHODIC PROTECTION**
[54] **COMPOSITIONS REACTIVES A BASE DE POLYURETHANE, A DEUX COMPOSANTS, EXEMPTES DE SOLVANT ET REVETEMENTS AYANT UNE BONNE ELONGATION ET SUPPORTANT UNE PROTECTION CATHODIQUE, PRODUITS A PARTIR DE CELLES-CI**
[72] KOLPING, KARL-HEINZ, DE
[72] HOMAN, MALTE, DE
[72] SCHWINDT, JURGEN, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[22] 2002-12-02
[43] 2003-06-04
[30] DE (10159374.0) 2001-12-04

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[21] **2,413,260**
[13] A1

[51] **Int.Cl. 7G06F 17/40 7B64D 47/00 7H04L 12/16 7H04B 1/38**
[25] EN
[54] **INTEGRATED INTERNET PORTAL AND DEPLOYED PRODUCT MICROSERVER MANAGEMENT SYSTEM**
[54] **SYSTEME INTEGRE DE GESTION A PORTAIL INTERNET ET A MICROSERVEUR DE DONNEES SUR DES PRODUITS MIS EN PLACE**
[72] LODA, DAVID C., US
[72] QADRI, SAM, CA
[72] STICKLING, BJORN, CA
[72] MACCHIA, ENZO, CA
[71] UNITED TECHNOLOGIES CORPORATION, US
[22] 2002-12-02
[43] 2003-06-03
[30] US (60/337,926) 2001-12-03
[30] US (10/155,593) 2002-05-22

[21] **2,413,264**
[13] A1

[51] **Int.Cl. 7A61C 5/06 7A61M 35/00**
[25] EN
[54] **MEDICAL INSTRUMENT FOR USE WITH LIQUIDS**
[54] **INSTRUMENT MEDICAL POUR UTILISATION AVEC DES LIQUIDES**
[72] BESEK, MARIO, CH
[71] KERRHAWE SA, CH
[22] 2002-12-02
[43] 2003-06-06
[30] CH (2001 2227/01) 2001-12-06

[21] **2,413,279**
[13] A1

[51] **Int.Cl. 7G08B 21/00 7G08B 7/00 7G08B 21/12**
[25] EN
[54] **APPARATUS AND METHOD FOR MOUNTING A DETECTOR**
[54] **DISPOSITIF ET METHODE D'INSTALLATION D'UN DETECTEUR**
[72] OSMANI, LULZIM, US
[72] IVANECKY, ANDREW J., US
[72] SWIEBODA, MICHAEL A., US
[72] MEITL, THOMAS E., US
[71] BRK BRANDS, INC., US
[22] 2002-12-02
[43] 2003-06-06
[30] US (10/008,602) 2001-12-06

[21] **2,413,283**
[13] A1

[51] **Int.Cl. 7G01C 21/00 7G01C 22/00 7G01C 23/00**
[25] EN
[54] **WALKING STICK NAVIGATOR FOR POSITION DETERMINATION**
[54] **NAVIGATEUR DE TYPE CANNE POUR DETERMINATION DE LA POSITION**
[72] SCHERZINGER, BRUNO, CA
[71] APPLANIX CORPORATION, CA
[22] 2002-12-02
[43] 2003-06-03
[30] US (60/337,256) 2001-12-03
[30] US (UNKNOWN) 2002-11-29

[21] **2,413,298**
[13] A1

[51] **Int.Cl. 7B01J 29/072 7B01D 53/047**
[25] EN
[54] **ZINC-SUBSTITUTED ZEOLITE ADSORBENTS AND PROCESSES FOR THE USE THEREOF IN GAS SEPARATION**
[54] **ADSORBANTS A BASE DE ZEOLITHES A CATIONS SUBSTITUES PAR DU ZINC ET METHODES D'UTILISATION POUR LA SEPARATION DE GAZ**
[72] GULIANTS, VADIM, US
[72] HUO, QISHENG, US
[72] STEPHENSON, NEIL ANDREW, US
[71] PRAXAIR TECHNOLOGY, INC., US
[22] 2002-12-02
[43] 2003-06-03
[30] US (09/998,141) 2001-12-03

[21] **2,413,311**
[13] A1

[51] **Int.Cl. 7C04B 28/08 7C04B 18/06 7E21B 33/13 7E21B 33/14**
[25] EN
[54] **METHODS, WELL CEMENT COMPOSITIONS AND LIGHTWEIGHT ADDITIVES THEREFOR**
[54] **METHODES, COMPOSITIONS DE CIMENT POUR PUIITS ET ADDITIFS LEGERS POUR CELLES-CI**
[72] BROTHERS, LANCE E., US
[72] KEENER, KRISTA L., US
[72] BRADEN, JAMES A., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2002-12-02
[43] 2003-06-03
[30] US (10/005,266) 2001-12-03

[21] **2,413,314**
[13] A1

[51] **Int.Cl. 7C04B 28/08 7C04B 14/00 7C04B 22/00 7C04B 18/06 7E21B 33/13 7E21B 33/14**
[25] EN
[54] **METHODS, WELL CEMENT COMPOSITIONS AND LIGHTWEIGHT ADDITIVES THEREFOR**
[54] **METHODES, COMPOSITIONS DE CIMENT POUR PUIITS ET ADDITIFS LEGERS POUR CELLES-CI**
[72] BROTHERS, LANCE E., US
[72] DAO, BACH, NL
[72] BRADEN, JAMES A., US
[72] VIJN, JAN PIETER, NL
[72] KEENER, KRISTA L., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2002-12-02
[43] 2003-06-03
[30] US (10/005,266) 2001-12-03
[30] US (10/103,449) 2002-03-21

[21] **2,413,315**
[13] A1

[51] **Int.Cl. 7A61K 38/57 7A61P 9/00**
[25] EN
[54] **ANTITHROMBIN FOR THE PREVENTION AND THERAPY OF VASCULOPROLIFERATIVE DISORDERS**
[54] **ANTITHROMBINE POUR LA PREVENTION ET LE TRAITEMENT DE MALADIES VASCULAIRES PROLIFERATIVES**
[72] ROEMISCH, JUERGEN, AT
[72] HOELSCHERMANN, HANS, DE
[72] STAUSS, HARALD, DE
[71] AVENTIS BEHRING GMBH, DE
[22] 2002-12-02
[43] 2003-06-05
[30] DE (101 59 556.5) 2001-12-05

[21] **2,413,320**
[13] A1

[51] **Int.Cl. 7B68B 1/00 7B68B 5/08**
[25] EN
[54] **REMOTELY OPERATED RELEASE DEVICE**
[54] **APPAREIL DECLENCHEUR ACTIONNE A DISTANCE**
[72] TILLMAN, JERRY R., US
[71] TILLMAN, JERRY R., US
[22] 2002-11-29
[43] 2003-06-02
[30] US (10/006,573) 2001-12-02

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[21] **2,413,323**
[13] A1
[51] **Int.Cl. 7F23N 1/00 7B01J 19/00 7B01D 53/22 7F23D 14/32**
[25] EN
[54] **COMBINATION AIR SEPARATION AND STEAM-GENERATION PROCESS AND PLANTS THEREFOR**
[54] **PROCEDE COMBINANT LA SEPARATION DE L'AIR ET LA PRODUCTION DE VAPEUR ET USINES A CET EFFET**
[72] PENFORNIS, ERWIN, US
[72] MARIN, OVIDIU, US
[71] L'AIR LIQUIDE - SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES
GEORGES CLAUDE, FR
[22] 2002-12-02
[43] 2003-06-03
[30] US (10/006,350) 2001-12-03

[21] **2,413,341**
[13] A1
[51] **Int.Cl. 7C09D 11/02**
[25] EN
[54] **PIGMENT YELLOW 74 AND PRINTING INK COMPOSITION**
[54] **PIGMENT JAUNE 74 ET COMPOSITION POUR ENCRE D'IMPRESSON**
[72] ISHIGAMI, TAKAYOSHI, JP
[72] KAWASHIMA, YOSHINORI, JP
[72] OSHIBA, TOSHIO, JP
[72] SHIROMARU, OSAMU, JP
[71] TOYO INK. MFG. CO., LTD., JP
[22] 2002-12-02
[43] 2003-06-03
[30] JP (368034/01) 2001-12-03
[30] JP (368035/01) 2001-12-03

[21] **2,413,347**
[13] A1
[51] **Int.Cl. 7C09J 125/08 7C09J 125/04 7C09J 123/14**
[25] EN
[54] **COLD BOND ADHESIVE**
[54] **ADHESIF POUR COLLAGE A FROID**
[72] KHAN, AMIR G., US
[72] DE SOUTO, MICHAEL D., US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
[22] 2002-12-02
[43] 2003-06-07
[30] US (10/016,836) 2001-12-07

[21] **2,413,350**
[13] A1
[51] **Int.Cl. 7C09D 175/04 7C09D 167/00**
[25] EN
[54] **PU POWDER COATING COMPOSITIONS AND THEIR USE FOR POLYURETHANE POWDER COATING MATERIALS AND IN PARTICULAR FOR POWDER COIL COATING MATERIALS**
[54] **COMPOSITIONS DE REVETEMENT A BASE DE POLYURETHANE ET LEUR UTILISATION DANS DES MATERIAUX DE REVETEMENT A BASE DE POUDRE DE POLYURETHANE ET, EN PARTICULIER, DANS DES MATERIAUX EN POUDRE POUR L'ENDUCTION DE BANDES EN CONTINU**
[72] WENNING, ANDREAS, DE
[72] FRANZMANN, GISELHER, DE
[71] DEGUSSA AG, DE
[22] 2002-12-02
[43] 2003-06-04
[30] DE (10159488.7) 2001-12-04

[21] **2,413,361**
[13] A1
[51] **Int.Cl. 7B60C 23/00**
[25] EN
[54] **SUPPLY AND TIRE PRESSURE SENSING APPARATUS AND METHOD**
[54] **DISPOSITIF ET METHODE DE GONFLAGE ET DE MESURE DE LA PRESSION DES PNEUS**
[72] BEVERLY, JAMES A., US
[72] CLAUSSEN, STEPHEN P., US
[71] DANA CORPORATION, US
[22] 2002-12-03
[43] 2003-06-04
[30] US (10/004,762) 2001-12-04

[21] **2,413,366**
[13] A1
[51] **Int.Cl. 7G03G 5/00 7G03G 5/02 7G03G 5/10**
[25] EN
[54] **IMAGEABLE SEAMED BELTS HAVING POLYAMIDE AND DOPED METAL OXIDE ADHESIVE BETWEEN INTERLOCKING SEAMING MEMBERS**
[54] **BANDES D'IMPRESSON ASSEMBLEES POSSEDANT UN ADHESIF COMPOSE DE POLYAMIDE ET D'OXYDE DE METAL DOPE ENTRE DES PIECES D'ASSEMBLAGE EMBOITEES**
[72] SCHLUETER, EDWARD L., JR., US
[71] XEROX CORPORATION, US
[22] 2002-11-29
[43] 2003-06-06
[30] US (10/003,083) 2001-12-06

[21] **2,413,368**
[13] A1
[51] **Int.Cl. 7G02B 6/26**
[25] EN
[54] **OPTICAL WAVEGUIDE AND ITS CHARACTERISTICS ADJUSTING METHOD**
[54] **GUIDE D'ONDES OPTIQUE ET METHODE DE REGLAGE DE SES PARAMETRES**
[72] FUJIMAKI, MAKOTO, JP
[71] FUJIMAKI, MAKOTO, JP
[22] 2002-12-03
[43] 2003-06-03
[30] JP (2001-369224) 2001-12-03

[21] **2,413,370**
[13] A1
[51] **Int.Cl. 7F24F 13/00**
[25] EN
[54] **UV INHIBITORS IN HVAC PLASTIC COMPONENTS**
[54] **INHIBITEURS DE LA DEGRADATION PAR L'UV DE COMPOSANTS EN MATIERE PLASTIQUE DE SYSTMES DE CVC**
[72] WALDO, KEVIN H., US
[72] PEEL, CHRISTOPHER E., US
[71] CARRIER CORPORATION, US
[22] 2002-12-03
[43] 2003-06-05
[30] US (10/007,517) 2001-12-05

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[21] **2,413,371**
[13] A1
[51] **Int.Cl. 7C05D 3/02 7C05F 9/00**
[25] EN
[54] **WEAK ALKALINE ORGANIC FERTILIZER FROM ORGANIC WASTE INCLUDING FOOD WASTE AND ITS MANUFACTURING METHOD**
[54] **ENGRAIS ORGANIQUE FAIBLEMENT ALCALIN PRODUIT A PARTIR DE DECHETS ORGANIQUES, Y COMPRIS DES DECHETS ALIMENTAIRES, ET METHODE DE PRODUCTION**
[72] YOU, KYU JAE, KR
[71] YOU, KYU JAE, KR
[22] 2002-12-03
[43] 2003-06-04
[30] KR (10-2001-76085) 2001-12-04

[21] **2,413,379**
[13] A1
[51] **Int.Cl. 7B62D 5/04**
[25] EN
[54] **ELECTRIC POWER STEERING APPARATUS**
[54] **SERVODIRECTION ELECTRIQUE**
[72] YONEDA, ATSUSHIKO, JP
[72] SHIMIZU, YASUO, JP
[72] TAKAGI, MASANORI, JP
[72] KURIBAYASHI, TAKASHI, JP
[71] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 2002-12-02
[43] 2003-06-06
[30] JP (2001-373382) 2001-12-06

[21] **2,413,380**
[13] A1
[51] **Int.Cl. 7B60C 29/00**
[25] EN
[54] **TIRE PRESSURE MANAGEMENT SYSTEM VALVE INTEGRITY VERIFICATION METHOD**
[54] **METHODE DE VERIFICATION DE L'INTEGRITE DE LA VALVE DANS UN SYSTEME DE GESTION DE LA PRESSION DES PNEUS**
[72] STACER, DARYL J., US
[72] CLAUSSEN, STEPHEN P., US
[71] DANA CORPORATION, US
[22] 2002-12-03
[43] 2003-06-03
[30] US (10/004,653) 2001-12-03

[21] **2,413,382**
[13] A1
[51] **Int.Cl. 7G07C 1/30 7G07F 17/24**
[25] EN
[54] **PAY AND DISPLAY PARKING MACHINE WITH USER DETECTOR**
[54] **COMPTEUR DE STATIONNEMENT A PAIEMENT ET A AFFICHAGE AVEC DETECTEUR DE PRESENCE D'UTILISATEUR**
[72] HACHE, YVON, CA
[71] J.J. MACKAY CANADA LIMITED, CA
[22] 2002-11-29
[43] 2003-06-04
[30] US (60/334,925) 2001-12-04

[21] **2,413,386**
[13] A1
[51] **Int.Cl. 7D21D 5/02 7D21C 7/00**
[25] EN
[54] **PROCESSES AND SYSTEMS FOR HANDLING KNOTS IN A CHEMICAL PULPING PROCESS**
[54] **PROCEDES ET SYSTEMES POUR TRAITER LES NOEUDS LORS D'UN PROCEDE DE REDUCTION EN PATE CHIMIQUE**
[72] STROMBERG, C. BERTIL, US
[71] ANDRITZ INC., US
[22] 2002-12-03
[43] 2003-06-04
[30] US (60/334,963) 2001-12-04
[30] US (10/283,369) 2002-10-30

[21] **2,413,399**
[13] A1
[51] **Int.Cl. 7C08G 18/72 7C08G 18/02 7C07F 7/08 7C07F 7/10 7C08F 4/16 7C08G 18/71**
[25] EN
[54] **CATALYSTS FOR PREPARING POLYISOCYANATES CONTAINING ISOCYANURATE GROUPS, AND THEIR USE**
[54] **CATALYSEURS POUR LA PREPARATION DE POLYISOCYANATES COMPORTANT DES GROUPES ISOCYANURATES ET LEUR UTILISATION**
[72] EWALD, MICHAEL, DE
[72] WINDMULLER, MANUELA, DE
[72] POERSCH, WALTRAUD, DE
[72] KOHLSTRUK, STEPHAN, DE
[71] DEGUSSA AG, DE
[22] 2002-12-03
[43] 2003-06-05
[30] DE (10159803.3) 2001-12-05

[21] **2,413,412**
[13] A1
[51] **Int.Cl. 7D05B 7/00**
[25] EN
[54] **LINKING METHOD AND LINKING APPARATUS**
[54] **METHODE ET DISPOSITIF DE MAILLAGE**
[72] WADA, TAKAHIRO, JP
[72] OCHI, NAOMASA, JP
[72] MORI, RYOSUKE, JP
[71] DAN CO., LTD., JP
[22] 2002-12-03
[43] 2003-06-07
[30] JP (2001-373504) 2001-12-07

[21] **2,413,437**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 17/30**
[25] EN
[54] **COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR PROJECT DEVELOPMENT**
[54] **SYSTEME ET METHODE D'ELABORATION DE PROJET MIS EN APPLICATION SUR ORDINATEUR**
[72] ROSNOW, JEFFREY J., US
[72] MCMANIS, LAWRENCE G., JR., US
[71] KRAFT FOODS HOLDINGS, INC., US
[22] 2002-12-03
[43] 2003-06-03
[30] US (09/998,892) 2001-12-03

[21] **2,413,439**
[13] A1
[51] **Int.Cl. 7H04B 10/08 7G01J 4/04**
[25] EN
[54] **PMD MEASUREMENT AND COMPENSATION**
[54] **MESURE ET COMPENSATION DE LA PMD**
[72] SAVORY, SEBASTIAN JOHN, GB
[71] NORTEL NETWORKS LIMITED, CA
[22] 2002-12-03
[43] 2003-06-05
[30] US (10/005,296) 2001-12-05

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[21] **2,413,440**
[13] A1
[51] **Int.Cl. 7B05D 1/06 7B05D 3/02 7B05D 7/14**
[25] EN
[54] **USE OF POLYURETHANE POWDER COATING MATERIALS**
[54] **UTILISATION DE MATERIAUX DE RECOUVREMENT A BASE DE POLYURETHANE EN POUDRE**
[72] GREYDA, WERNER, DE
[72] WENNING, ANDREAS, DE
[71] DEGUSSA AG, DE
[22] 2002-12-03
[43] 2003-06-05
[30] DE (10159768.1) 2001-12-05

[21] **2,413,441**
[13] A1
[51] **Int.Cl. 7F28D 1/03 7F24H 3/06 7F28F 3/14**
[25] EN
[54] **COMPACT HIGH EFFICIENCY CLAM SHELL HEAT EXCHANGER**
[54] **ECHANGEUR THERMIQUE COMPACT DOUBLE PLAQUE A RENDEMENT ELEVE**
[72] SPECHT, WERNER O., US
[72] LENGAUER, PHILIP E., JR., US
[72] DIMAGGIO, DOMINIC J., US
[72] WARREN, DONALD G., US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2002-12-03
[43] 2003-06-05
[30] US (60/336,570) 2001-12-05

[21] **2,413,455**
[13] A1
[51] **Int.Cl. 7G06F 17/28 7G10L 13/00 7G10L 15/26**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRANSLATING LANGUAGES**
[54] **SYSTEMES ET METHODES DE TRADUCTION DE LANGAGES**
[72] BANGALORE, SRINIVAS, US
[72] RICCARDI, GIUSEPPE, US
[71] AT&T CORP., US
[22] 2002-11-29
[43] 2003-06-07
[30] US (60/337,908) 2001-12-07
[30] US (10/217,882) 2002-08-13

[21] **2,413,473**
[13] A1
[51] **Int.Cl. 7G02B 6/17**
[25] EN
[54] **POLARIZATION-MAINTAINING OPTICAL WAVEGUIDE AND METHOD FOR FORMING SAME**
[54] **GUIDE D'ONDES OPTIQUE A MAINTIEN DE LA POLARISATION ET METHODE DE FABRICATION CONNEXE**
[72] FUJIMAKI, MAKOTO, JP
[71] FUJIMAKI, MAKOTO, JP
[22] 2002-12-03
[43] 2003-06-03
[30] JP (2001-369223) 2001-12-03

[21] **2,413,478**
[13] A1
[51] **Int.Cl. 7B63B 7/06**
[25] EN
[54] **LIGHTWEIGHT COLLAPSIBLE BOAT**
[54] **EMBARCATION PLIANTE LEGERE**
[72] ELVESTAD, ALF J., US
[71] ELVESTAD, ALF J., US
[22] 2002-12-03
[43] 2003-06-04
[30] US (60/338,560) 2001-12-04
[30] US (10/114,135) 2002-04-01

[21] **2,413,479**
[13] A1
[51] **Int.Cl. 7A61K 31/52 7A61K 31/496 7A61K 31/506 7A61K 31/517**
[25] EN
[54] **KIT FOR REDUCING ACHING**
[54] **TROUSSE DE REDUCTION DE LA DOULEUR CONTINUE**
[72] ABEL, SAMANTHA, GB
[72] ELLIS, PETER, GB
[71] PFIZER INC., US
[22] 2002-12-04
[43] 2003-06-06
[30] GB (0129274.7) 2001-12-06

[21] **2,413,480**
[13] A1
[51] **Int.Cl. 7H04L 12/26 7H04L 29/14 7H04L 12/24**
[25] EN
[54] **DEVICE FOR DESIGNING STANDBY PATH, METHOD FOR DESIGNING STANDBY PATH, AND PROGRAM THEREFOR**
[54] **DISPOSITIF DE CONCEPTION D'UN CHEMIN DE REMPLACEMENT, METHODE DE CONCEPTION D'UN CHEMIN DE REMPLACEMENT ET PROGRAMME CONNEXE**
[72] SOGA, KENJI, JP
[71] NEC CORPORATION, JP
[22] 2002-12-03
[43] 2003-06-05
[30] JP (2001/370798) 2001-12-05

[21] **2,413,482**
[13] A1
[51] **Int.Cl. 7B62D 6/06**
[25] EN
[54] **STEERING SYSTEM SHUDDER CONTROL**
[54] **ATTENUATEUR DE TREMBLEMENT DU SYSTEME DE DIRECTION**
[72] KRIEGER, CLIFFORD P., US
[72] WOZNAK, STEVEN A., US
[71] DANA CORPORATION, US
[22] 2002-12-04
[43] 2003-06-06
[30] US (10/010,234) 2001-12-06

[21] **2,413,485**
[13] A1
[51] **Int.Cl. 7H05B 41/00**
[25] EN
[54] **A SYSTEM AND METHOD FOR CYCLING A METAL-HALIDE LAMP ON AND OFF AT DESIGNATED INTERVALS TO REDUCE RISK OF ARC TUBE RUPTURE**
[54] **SYSTEME ET METHODE D'ETABLISSEMENT DE CYCLES MARCHE/ARR-T DE LAMPE AUX HALOGENURES A DES INTERVALLES DESIGNES EN VUE DE REDUIRE LE RISQUE DE RUPTURE DU TUBE A ARC**
[72] FLORY, ISAAC L., IV, US
[71] HUBBELL INCORPORATED, US
[22] 2002-12-03
[43] 2003-06-03
[30] US (09/998,754) 2001-12-03

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[21] **2,413,491**
[13] A1

[51] **Int.Cl. 7A61K 31/498 7A61P 9/10 7A61K 38/49**
[25] EN
[54] **TREATMENT FOR ISCHEMIC STROKE**
[54] **TRAITEMENT DE L'ACCIDENT ISCHEMIQUE CEREBRAL**
[72] SUZUKI, MASANORI, JP
[72] SASAMATA, MASAO, JP
[72] SUMII, TOSHIHISA, JP
[72] LO, ENG H., US
[71] YAMANOUCHI PHARMACEUTICAL CO. LTD., JP
[22] 2002-12-03
[43] 2003-06-03
[30] US (60/334,556) 2001-12-03
[30] US (60/361,724) 2002-03-06

[21] **2,413,493**
[13] A1

[51] **Int.Cl. 7B32B 27/40 7B32B 27/30**
[25] EN
[54] **IN-MOLD-COATED AUTOMOTIVE INTERIOR AND OTHER PRODUCTS, AND METHODS FOR MANUFACTURING SAME**
[54] **COMPOSANTS INTERIEURS D'AUTOMOBILE ET AUTRES PRODUITS REVETUS PAR MOULAGE, ET METHODES DE FABRICATION DESDITS COMPOSANTS ET PRODUITS**
[72] SHANE, KYLE, US
[71] RED SPOT PAINT & VARNISH CO., INC., US
[22] 2002-12-03
[43] 2003-06-03
[30] US (60/338,597) 2001-12-03

[21] **2,413,494**
[13] A1

[51] **Int.Cl. 7B60N 2/44 7A47C 7/02**
[25] EN
[54] **MESH SEAT WITH DISPLACEABLE BOLSTERS**
[54] **SIEGE MAILLE AVEC TRAVERSINS DEPLACABLES**
[72] ST.PIERRE, SHARON, US
[72] STILLER, EDWIN L., US
[72] POWELL, ROBERT, US
[71] GRA*MAG TRUCK INTERIOR SYSTEMS, L.L.C., US
[22] 2002-12-03
[43] 2003-06-03
[30] US (60/366,790) 2001-12-03

[21] **2,413,504**
[13] A1

[51] **Int.Cl. 7B32B 27/40 7B29C 59/02 7B32B 27/16 7B32B 31/28**
[25] EN
[54] **POLYURETHANE COATED RESILIENT SURFACE COVERING HAVING IMPROVED FIDELITY OF TEXTURE AND PROCESS OF MANUFACTURE**
[54] **REVETEMENT DE SURFACE ELASTIQUE RECOUVERT DE POLYURETHANE AYANT UNE TEXTURE PLUS FIDELE ET PROCEDE POUR LE FABRIQUER**
[72] DUNG, DAO VIET, BE
[72] SIMON, JEAN-YVES, BE
[71] TARKETT SOMMER, SA, FR
[22] 2002-12-03
[43] 2003-06-07
[30] US (10/007,934) 2001-12-07

[21] **2,413,511**
[13] A1

[51] **Int.Cl. 7B23K 31/02 7C23G 5/00 7B23K 37/00**
[25] EN
[54] **WELD PREPARATION METHOD**
[54] **METHODE DE PREPARATION DE SURFACES DEVANT ETRE SOUDEES**
[72] GABZDYL, JACEK TADEUSZ, GB
[72] VELDSMAN, WALTER MARK, GB
[71] THE BOC GROUP PLC, GB
[22] 2002-12-04
[43] 2003-06-07
[30] GB (0129353.9) 2001-12-07

[21] **2,413,518**
[13] A1

[51] **Int.Cl. 7G01R 31/28**
[25] EN
[54] **INTEGRATED CIRCUIT TESTING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'ESSAI DE CIRCUITS INTEGRES**
[72] THIBEAULT, CLAUDE, CA
[71] ECOLE DE TECHNOLOGIE SUPERIEURE, CA
[22] 2002-12-03
[43] 2003-06-05
[30] CA (2,364,421) 2001-12-05

[21] **2,413,520**
[13] A1

[51] **Int.Cl. 7G01V 1/40 7G01V 1/52**
[25] EN
[54] **WIDEBAND ISOLATOR FOR ACOUSTIC TOOLS**
[54] **ISOLATEUR A LARGE BANDE POUR OUTILS ACOUSTIQUES**
[72] JONES, RANDALL, US
[72] ARIAN, ABBAS, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2002-12-03
[43] 2003-06-07
[30] US (10/007,955) 2001-12-07

[21] **2,413,523**
[13] A1

[51] **Int.Cl. 7A23P 1/16 7A23L 1/00 7A23P 1/00 7A23L 1/09 7A23G 3/14 7A23J 3/30**
[25] EN
[54] **METHOD OF MANUFACTURING AN AERATED CARBOHYDRATE CONTAINING FOOD PRODUCT**
[54] **METHODE DE PRODUCTION D'UN PRODUIT ALIMENTAIRE AERE CONTENANT DES GLUCIDES**
[72] DEKKER, ROB, NL
[72] KUNST, ANTHONIE, NL
[72] DIEDEREN, JOHANNES WILHELMUS HARMANUS ELIZABETH, NL
[72] BLOM, WILHELMUS REINERUS, NL
[71] QUEST INTERNATIONAL B.V., NL
[22] 2002-12-04
[43] 2003-06-04
[30] EP (01204690.0) 2001-12-04

[21] **2,413,525**
[13] A1

[51] **Int.Cl. 7H02G 1/00 7H02H 7/26**
[25] EN
[54] **APPARATUS AND METHOD FOR SERVICING A DISTRIBUTION BUS**
[54] **APPAREIL ET METHODE DE DEPANNAGE D'UN BUS DE DISTRIBUTION**
[72] JOHNSON, RICHARD ARTHUR, US
[72] MATSKO, JOSEPH JACOB, US
[72] DAVIES, NORMAN, US
[72] MARCHAND, FRANCOIS J., US
[72] LAGREE, JAMES L., US
[71] EATON CORPORATION, US
[22] 2002-12-04
[43] 2003-06-07
[30] US (10/013,188) 2001-12-07

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[21] **2,413,527**
[13] A1
[51] **Int.Cl. 7G07B 17/04**
[25] EN
[54] **METHOD AND SYSTEM FOR MAIL SECURITY AND TRACEABILITY**
[54] **METHODE ET SYSTEME ASSURANT LA SECURITE ET LE SUIVI DU COURRIER**
[72] WOJDYLA, RICHARD, US
[72] SCHWABA, DAVID, US
[71] BELL & HOWELL MAIL AND MESSAGING TECHNOLOGIES COMPANY, US
[22] 2002-12-04
[43] 2003-06-04
[30] US (10/007,690) 2001-12-04

[21] **2,413,533**
[13] A1
[51] **Int.Cl. 7G01N 33/52 7G01N 33/53 7C12Q 1/54 7G01N 33/66**
[25] EN
[54] **TEST STRIPS HAVING A PLURALITY OF REACTION ZONES AND METHODS FOR USING AND MANUFACTURING THE SAME**
[54] **BANDES D'ESSAI COMPORTANT PLUSIEURS ZONES REACTIVES ET METHODES POUR LES UTILISER ET LES FABRIQUER**
[72] YU, YEUNG SIU, US
[71] LIFESCAN, INC., US
[22] 2002-12-04
[43] 2003-06-05
[30] US (10/011,000) 2001-12-05

[21] **2,413,555**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G07F 19/00 7H04L 12/16**
[25] EN
[54] **METHOD OF AND SYSTEM FOR CONSOLIDATING AND MANAGING PURCHASES ON BEHALF OF AN ENTITY**
[54] **METHODE ET SYSTEME D'INTEGRATION ET DE GESTION DES ACHATS POUR LE COMPTE D'UNE ENTITE**
[72] LINDQUIST, C. WILLIAM, US
[71] INGERSOLL-RAND COMPANY, US
[22] 2002-12-05
[43] 2003-06-06
[30] US (60/340,998) 2001-12-06
[30] US (60/367,619) 2002-03-26
[30] US (10/137,888) 2002-05-03

[21] **2,413,557**
[13] A1
[51] **Int.Cl. 7B65H 1/30**
[25] EN
[54] **APPARATUS FOR LOADING PACKAGING CARRIERS INTO A PACKAGING MACHINE**
[54] **APPAREIL POUR CHARGER DES PORTEURS D'EMBALLAGE DANS UNE MACHINE D'EMBALLAGE**
[72] LIEHS, BERNARD CLAUS, CA
[71] INTERNATIONAL MACHINERY AND GUARDING SYSTEMS INC., CA
[22] 2002-12-05
[43] 2003-06-05
[30] GB (0129115.2) 2001-12-05

[21] **2,413,558**
[13] A1
[51] **Int.Cl. 7H01M 2/18**
[25] EN
[54] **FUEL CELL METALLIC SEPARATOR AND METHOD FOR MANUFACTURING SAME**
[54] **SEPARATEUR METALLIQUE POUR PILE A COMBUSTIBLE ET METHODE POUR LE FABRIQUER**
[72] OHTANI, TERUYUKI, JP
[72] KOTANI, KOJI, JP
[72] TSUJI, MAKOTO, JP
[72] UTSUNOMIYA, MASAO, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-12-04
[43] 2003-06-05
[30] JP (2001-371331) 2001-12-05
[30] JP (2002-025476) 2002-02-01
[30] JP (2002-072794) 2002-03-15
[30] JP (2002-072804) 2002-03-15

[21] **2,413,559**
[13] A1
[51] **Int.Cl. 7E21B 43/04**
[25] EN
[54] **METHOD OF FRAC PACKING THROUGH EXISTING GRAVEL PACKED SCREENS**
[54] **METHODE DE COMPACTAGE DE FRACTURATION A TRAVERS DES FILTRES A GRAVIER EXISTANTS**
[72] NGUYEN, PHILIP, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2002-12-04
[43] 2003-06-06
[30] US (10/011,025) 2001-12-06

[21] **2,413,566**
[13] A1
[51] **Int.Cl. 7C09K 7/04 7E21B 43/27**
[25] EN
[54] **IMPROVED ELECTRON TRANSFER SYSTEM FOR WELL ACIDIZING COMPOSITIONS AND METHODS**
[54] **SYSTEME ASSURANT UN MEILLEUR TRANSFERT D'ELECTRONS POUR COMPOSITIONS D'ACIDIFICATION DE Puits ET METHODES**
[72] BREZINSKI, MICHAEL M., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2002-12-04
[43] 2003-06-07
[30] US (10/006,340) 2001-12-07

[21] **2,413,570**
[13] A1
[51] **Int.Cl. 7H04L 29/10 7H04L 12/28**
[25] EN
[54] **ADDRESS RESOLUTION METHOD FOR A VIRTUAL PRIVATE NETWORK, AND CUSTOMER EDGE DEVICE FOR IMPLEMENTING THE METHOD**
[54] **METHODE DE RESOLUTION D'ADRESSE POUR RESEAU PRIVE VIRTUEL ET DISPOSITIF D'ABONNE PERMETTANT L'APPLICATION DE CETTE METHODE**
[72] TATE, MICHAEL, FR
[72] MATTSON, GEOFFREY, US
[72] BRYDEN, SIMON DAVID, FR
[71] NORTEL NETWORKS LIMITED, CA
[22] 2002-12-05
[43] 2003-06-07
[30] EP (01403178.5) 2001-12-07

[21] **2,413,573**
[13] A1
[51] **Int.Cl. 7G06F 17/60 7G06F 17/30**
[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING AND MANAGING OPERATIONAL RISK**
[54] **SYSTEME ET METHODE DE MESURE ET DE GESTION DES RISQUES D'EXPLOITATION**
[72] SYER, DAVID, GB
[72] ROSEN, DAN, CA
[72] REYNOLDS, DIANE, GB
[71] ALGORITHMICS INTERNATIONAL CORP., BB
[22] 2002-12-05
[43] 2003-06-05
[30] CA (2,364,425) 2001-12-05

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[21] **2,413,574**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7H04L 29/02 7H04M 3/42**
[25] EN
[54] **PRO-ACTIVE FEATURES FOR TELEPHONY**
[54] **CARACTERISTIQUES PROACTIVES DE TELEPHONIE**
[72] GRAY, THOMAS A., CA
[71] MITEL KNOWLEDGE CORPORATION, CA
[22] 2002-12-05
[43] 2003-06-06
[30] GB (0129250.7) 2001-12-06

[21] **2,413,593**
[13] A1

[51] **Int.Cl. 7H01M 10/00 7H01M 10/24 7H01M 10/26 7H01M 10/30 7H01M 10/32 7H01M 4/38 7H01M 4/40 7H01M 4/46 7H01M 4/48 7H01M 4/52 7H01M 4/54 7H01M 4/60 7H01M 4/62**
[25] EN
[54] **DOUBLE CURRENT COLLECTOR POSITIVE ELECTRODE FOR ALKALI METAL ION ELECTROCHEMICAL CELLS**
[54] **ELECTRODE COLLECTRICE POSITIVE DOUBLE POUR PILES ELECTROCHIMIQUES A ION METALLIQUE ALCALIN**
[72] RUBINO, ROBERT S., US
[72] TAKEUCHI, ESTHER S., US
[72] GAN, HONG, US
[71] WILSON GREATBATCH TECHNOLOGIES, INC., US
[22] 2002-12-05
[43] 2003-06-05
[30] US (60/336,604) 2001-12-05
[30] US (UNKNOWN) 2002-12-04

[21] **2,413,598**
[13] A1

[51] **Int.Cl. 7B65D 6/32**
[25] EN
[54] **MESH CONTAINER SYSTEM USING MESH CONTAINER, AND METHOD FOR MAKING MESH CONTAINER**
[54] **SYSTEME DE CONTENEUR MAILLE FAISANT APPEL A UN CONTENEUR MAILLE, ET METHODE DE FABRICATION DE CE CONTENEUR**
[72] HARDY, CHRISTOPHER, US
[72] POST, R. NEAL, US
[72] CHENG, HSI-MING, TW
[71] DESIGN IDEAS, LTD. OF SPRINGFIELD, IL., US
[22] 2002-11-27
[43] 2003-06-03
[30] TW (090220946) 2001-12-03
[30] TW (091202306) 2002-04-16
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[21] **2,413,601**
[13] A1

[51] **Int.Cl. 7E04F 17/08 7F16L 5/02 7F16L 5/10 7E04B 5/48**
[25] EN
[54] **WALL LEAD-IN FOR FEEDER LINES**
[54] **BORNIER MURAL POUR CABLES D'ALIMENTATION**
[72] MUNZENBERGER, HERBERT, DE
[72] HOFFMANN, ARMIN, DE
[72] MONDEN, THOMAS, DE
[72] LEIBHARD, ERICH, DE
[72] FORG, CHRISTIAN, DE
[71] HILTI AKTIENGESELLSCHAFT, LI
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[43] 2003-06-05
[30] DE (10159575.1) 2001-12-05

[21] **2,413,604**
[13] A1

[51] **Int.Cl. 7A61B 17/70**
[25] EN
[54] **APPARATUS FOR FUSING ADJACENT BONE STRUCTURES**
[54] **UNIFICATEUR DE STRUCTURES OSSEUSES ADJACENTES**
[72] BRESINA, STEPHEN, CH
[71] HOWMEDICA OSTEONICS CORP., US
[22] 2002-11-27
[43] 2003-06-03
[30] US (10/004,969) 2001-12-03

[21] **2,413,605**
[13] A1

[51] **Int.Cl. 7B02C 23/00 7B02C 25/00 7B62D 67/00 7B02C 23/02 7B02C 23/04**
[25] EN
[54] **AN IMPROVED INSTALLATION FOR PRELIMINARY CRUSHING OF ARTICLES**
[54] **INSTALLATION AMELIOREE DE BROYAGE PRELIMINAIRE D'ARTICLES**
[72] SIEBERT, JEAN-PIERRE, FR
[71] CFF RECYCLING, FR
[22] 2002-12-04
[43] 2003-06-05
[30] FR (0115699) 2001-12-05

[21] **2,413,609**
[13] A1

[51] **Int.Cl. 7A63B 53/14 7A63B 57/00**
[25] EN
[54] **GOLF CLUB GRIP IN COMBINATION WITH BALL MARKER AND DIVOT REPAIRER**
[54] **POIGNEE DE BATON DE GOLF COMBINEE A UN MARQUEUR DE BALLE ET A UN ASSUJETTISSEUR DE MOTTES DE GAZON**
[72] MARKWOOD, CARL CASEY, US
[71] MARKWOOD, CARL CASEY, US
[22] 2002-12-04
[43] 2003-06-05
[30] US (60/337,521) 2001-12-05

[21] **2,413,619**
[13] A1

[51] **Int.Cl. 7B01D 41/00**
[25] EN
[54] **METHOD AND APPARATUS FOR RECYCLING OIL FILTERS**
[54] **METHODE ET DISPOSITIF DE RECYCLAGE DES FILTRES A HUILE**
[72] FRANKLIN, CHARLES H., US
[72] RICE, EDWIN E., US
[71] FRANKLIN, CHARLES H., US
[71] RICE, EDWIN E., US
[22] 2002-12-05
[43] 2003-06-05
[30] US (10/006,587) 2001-12-05

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[13] A1
[51] **Int.Cl. 7B61C 17/08 7F01M 9/12**
[25] EN
[54] **LUBRICANT APPLICATOR**
[54] **LUBRIFICATEUR**
[72] MITROVICH, MICHAEL J., US
[72] BOYER, BERNARD L., US
[71] MITROVICH, MICHAEL J., US
[71] BOYER, BERNARD L., US
[22] 2002-12-05
[43] 2003-06-05
[30] US (60/335,766) 2001-12-05

[21] **2,413,629**
[13] A1
[51] **Int.Cl. 7C07K 7/08 7C07K 7/06**
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[25] EN
[54] **SOLID METHOD FOR SYNTHESIS**
PEPTIDE-SPACER-LIPID
CONJUGATES, CONJUGATES
SYNTHESIZED THEREBY AND
TARGETED LIPOSOMES
CONTAINING THE SAME
[54] **METHODE POUR LA SYNTHESE**
EN PHASE SOLIDE DE CONJUGUES
PEPTIDE-ESPACEUR-LIPIDE,
CONJUGUES AINSI OBTENUS ET
LIPOSOMES CIBLES COMPORTANT
UN TEL CONJUGUE
[72] WU, SHIH-KWANG, TW
[72] CHEN, LI-JUNG, TW
[72] SHIH, KAE-SHYANG, TW
[72] CHANG, TING-GUNG, TW
[72] TSENG, CHIN-LU, TW
[71] DEVELOPMENT CENTER FOR
BIOTECHNOLOGY, TW
[22] 2002-12-05
[43] 2003-06-07
[30] US (10/016,569) 2001-12-07

[21] **2,413,632**
[13] A1
[51] **Int.Cl. 7A23C 19/09 7A23C 19/08**
[25] EN
[54] **MANUFACTURE OF NON-**
STANDARD CHEESE PRODUCTS
[54] **PRODUCTION DE PRODUITS**
FROMAGERS NON NORMALISES
[72] MEYER, DANIEL ANDREW, US
[72] TRECKER, GARY WILLIAM, US
[72] WOODFORD, LARRY EDWARD, US
[72] ABOUD, AMNA MUNJI, US
[71] KRAFT FOODS HOLDINGS, INC., US
[22] 2002-12-05
[43] 2003-06-05
[30] US (10/006,979) 2001-12-05

[21] **2,413,638**
[13] A1
[51] **Int.Cl. 7B60G 25/00**
[25] EN
[54] **SUSPENSION CAMBER AND**
CASTER ADJUSTMENT SYSTEM
[54] **SYSTEME DE REGLAGE DES**
ANGLES DE CARROSSAGE ET DE
CHASSE
[72] ZIECH, JAMES, US
[71] DANA CORPORATION, US
[22] 2002-12-05
[43] 2003-06-07
[30] US (10/007,965) 2001-12-07

[21] **2,413,642**
[13] A1
[51] **Int.Cl. 7C08G 18/72 7C08G 18/02**
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7C08G 18/71
[25] EN
[54] **CATALYSTS FOR PREPARING**
POLYISOCYANATES CONTAINING
ISOCYANURATE GROUPS, AND
THEIR USE
[54] **CATALYSEURS POUR LA**
PREPARATION DE
POLYISOCYANATES CONTENANT
DES GROUPEES ISOCYANURATES ET
LEUR UTILISATION
[72] WINDMULLER, MANUELA, DE
[72] EWALD, MICHAEL, DE
[72] POERSCH, WALTRAUD, DE
[72] KOHLSTRUK, STEPHAN, DE
[71] DEGUSSA AG, DE
[22] 2002-12-05
[43] 2003-06-07
[30] DE (101 60 305.3) 2001-12-07

[21] **2,413,643**
[13] A1
[51] **Int.Cl. 7F01L 1/12**
[25] EN
[54] **OHV ENGINE**
[54] **MOTEUR A SOUPAPES EN TETE**
[72] FUKUZAWA, KAZUTO, JP
[72] ISHIKAWA, TOMOMI, JP
[71] HONDA GIKEN KOGYO
KABUSHIKI KAISHA, JP
[22] 2002-12-05
[43] 2003-06-07
[30] JP (2001-374484) 2001-12-07
[30] JP (2001-374483) 2001-12-07

[21] **2,413,647**
[13] A1
[51] **Int.Cl. 7A61B 17/88 7A61B 17/28**
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[25] EN
[54] **MEDICAL INSTALLATION TOOL**
[54] **INSTRUMENT D'IMPLANTATION**
MEDICALE
[72] BOOMER, MARK, US
[72] GRINBERG, ALEXANDER, US
[72] O'NEIL, MICHAEL J., US
[72] MOORE, BRADLEY, US
[72] MALONE, JOHN DANIEL, US
[72] FRASER, ROBERT D., US
[71] DEPUY ACROMED, INC., US
[22] 2002-12-05
[43] 2003-06-07
[30] US (10/011,264) 2001-12-07

[21] **2,413,648**
[13] A1
[51] **Int.Cl. 7A63C 17/01**
[25] EN
[54] **BOARD WITH ROLLERS FOR**
DESCENDING HILLS
[54] **PLANCHE A ROULETTES POUR**
DESCENTE DE PENTES
[72] DESCHINKEL, ERIC G., CA
[71] DESCHINKEL, ERIC G., CA
[22] 2002-12-05
[43] 2003-06-07
[30] US (10/005,331) 2001-12-07

[21] **2,413,650**
[13] A1
[51] **Int.Cl. 7G02B 5/26 7H04J 14/02**
[25] EN
[54] **OPTICAL FILTERS**
[54] **FILTRES OPTIQUES**
[72] JANSSEN, ADRIAN, GB
[71] NORTEL NETWORKS LIMITED, CA
[22] 2002-12-05
[43] 2003-06-07
[30] US (10/011,078) 2001-12-07

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[21] **2,413,656**
[13] A1

[51] **Int.Cl. 7G09F 19/22**
[25] EN
[54] **A METHOD OF ALLOCATING ADVERTISING SPACE & SYSTEM THEREFOR**
[54] **METHODE D'ATTRIBUTION D'ESPACE PUBLICITAIRE ET SYSTEME UTILISE A CETTE FIN**
[72] WINTON, ANDREW, AU
[71] WINTON, KAREN PAMELA, AU
[22] 2002-12-06
[43] 2003-06-07
[30] AU (PR9361) 2001-12-07

[21] **2,413,658**
[13] A1

[51] **Int.Cl. 7G06F 17/27**
[25] EN
[54] **SYSTEM AND METHOD OF SPOKEN LANGUAGE UNDERSTANDING IN HUMAN COMPUTER DIALOGS**
[54] **SYSTEME ET METHODE DE COMPREHENSION DU LANGAGE PARLE DANS LES DIALOGUES HUMAIN-MACHINE**
[72] GUPTA, NARENDRA K., US
[72] RAHIM, MAZIN G., US
[72] BANGALORE, SRINIVAS, US
[71] AT&T CORP., US
[22] 2002-12-06
[43] 2003-06-07
[30] US (60/338,202) 2001-12-07
[30] US (10/310,596) 2002-12-05

[21] **2,413,676**
[13] A1

[51] **Int.Cl. 7C10M 145/08**
[25] EN
[54] **DISPERSANTS AND LUBRICATING OIL COMPOSITIONS CONTAINING SAME**
[54] **AGENTS DISPERSANTS ET COMPOSITIONS D'HUILE LUBRIFIANTE CONTENANT CES AGENTS**
[72] GUTIERREZ, ANTONIO, US
[72] FELLOWS, RAYMOND, GB
[72] EMERT, JACOB, US
[72] ROBSON, ROBERT, GB
[72] BELL, IAN A. W., GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2002-12-06
[43] 2003-06-06
[30] US (10/010,668) 2001-12-06

[21] **2,413,681**
[13] A1

[51] **Int.Cl. 7G02B 6/42**
[25] EN
[54] **CADMIUM SULFOSELENIDE SURFACE-MOUNTABLE OPTOCOUPLER**
[54] **OPTOCOUPLEUR EN SULFOSELENIURE DE CADMIUM POUVANT ETRE MONTE EN SURFACE**
[72] ROHRBACHER, FRED, CA
[72] CHIASSON, MICHEL, CA
[72] LACROIX, MARC, CA
[71] SILONEX INC., CA
[22] 2002-12-06
[43] 2003-06-07
[30] CA (2,364,117) 2001-12-07

[21] **2,413,685**
[13] A1

[51] **Int.Cl. 7C10M 149/22**
[25] EN
[54] **DISPERSANTS AND LUBRICATING OIL COMPOSITIONS CONTAINING SAME**
[54] **AGENTS DISPERSANTS ET COMPOSITIONS D'HUILE LUBRIFIANTE CONTENANT CES AGENTS**
[72] GUTIERREZ, ANTONIO, US
[72] ROBSON, ROBERT, GB
[72] FELLOWS, RAYMOND, GB
[72] EMERT, JACOB, US
[72] BELL, IAN A. W., GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2002-12-06
[43] 2003-06-06
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[21] **2,413,714**
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[51] **Int.Cl. 7H04L 5/14 7H04B 1/48**
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[54] **DUPLEXEUR ELECTRONIQUE REGLABLE**
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[71] ECOLE DE TECHNOLOGIE SUPERIEURE, CA
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[43] 2003-06-07
[30] US (60/336,681) 2001-12-07

[21] **2,413,812**
[13] A1

[51] **Int.Cl. 7C08F 10/02 7A61L 27/04 7A61L 27/10 7C08K 3/36 7A61L 27/44**
[25] EN
[54] **POLYMER-BASED MATERIAL COMPRISING SILICA PARTICLES**
[54] **MATERIAU A BASE DE POLYMERE CONTENANT DES PARTICULES DE SILICE**
[72] KOCH, MATTHIAS, DE
[72] NIES, BERTHOLD, DE
[72] WINKLER, HOLGER, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
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[43] 2003-06-07
[30] DE (101 60 329.0) 2001-12-07

[21] **2,413,815**
[13] A1

[51] **Int.Cl. 7B31B 3/00**
[25] EN
[54] **MOLD FOR FORMING CARDBOARD BOXES**
[54] **MOULE DE FORMAGE DE BOITES EN CARTON**
[72] BOIX JAEN, JOSE, ES
[71] LOS PINOS FINCA AGRICOLA, S.L., ES
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[43] 2003-06-05
[30] ES (200102719) 2001-12-05

[21] **2,413,898**
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[51] **Int.Cl. 7G06K 9/68 7B42D 15/00 7B41M 3/00 7B41J 3/01 7G06K 19/06 7G07D 7/12 7B41M 3/14 7G06K 9/18 7G06K 9/20 7B41J 2/50**
[25] EN
[54] **METHOD AND APPARATUS FOR MAKING ARTICLES**
[54] **METHODE ET APPAREIL DE MARQUAGE D'ARTICLES**
[72] PINCHEN, STEPHEN PAUL, GB
[72] RASMUSSEN, JENS JACOB JUUL, DK
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[21] **2,413,900**

[13] A1

[51] **Int.Cl. 7B62D 55/08**

[25] EN

[54] **CHAIN DRIVE ASSEMBLY FOR A
TRACKED VEHICLE**

[54] **ENSEMBLE DE TRANSMISSION
PAR CHAÎNE POUR UN VÉHICULE
CHENILLE**

[72] KANZLER, HELMUT, DE

[72] KUHN, MICHAEL, DE

[72] JUNGINGER, BERND, DE

[71] KAESSBOHRER

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[21] **2,413,914**

[13] A1

[51] **Int.Cl. 7F24C 7/08 7F24C 15/00**

[25] EN

[54] **PRESSURE MONITORING
ARRANGEMENT FOR HEATING
SYSTEM OF A CONVECTION
COOKING APPLIANCE**

[54] **CONTROLEUR DE PRESSION
POUR SYSTEME DE CHAUFFAGE
D'UN FOUR A CONVECTION**

[72] CAVENER, RICHARD O., US

[72] BROWN, JOHN SCOTT, US

[71] MAYTAG CORPORATION, US

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[43] 2003-06-07

[30] US (10/005,841) 2001-12-07

[21] **2,413,915**

[13] A1

[51] **Int.Cl. 7F16L 55/09 7B60T 17/04**

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[54] **AUTOMATIC DRAIN FOR
COMPRESSED AIR SYSTEM**

[54] **PURGEUR AUTOMATIQUE POUR
SYSTEME D'AIR COMPRIME**

[72] MCKISIC, AUBRA D., US

[72] DAWSON, PAUL H., US

[72] DOBIES, STEPHEN P., US

[71] HANSEN, INC., US

[22] 2002-12-06

[43] 2003-06-07

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[13] A1

[51] **Int.Cl. 7C07D 403/06 7A61P 43/00 7A61K 31/404**
[25] EN
[54] **-(PYRROLIDIN-1-YLMETHYL)-3-(PYRROL-2-YLMETHYLIDENE)-2-INDOLINONE DERIVATIVES AND THEIR USE AS MODULATORS OF PROTEIN KINASES**
[54] **DERIVES DE 1-(PYRROLIDIN-1-YLMETHYL)-3-(PYRROL-2-YLMETHYLIDENE)-2-INDOLINONE**
[72] GAO, PING, US
[72] MOROZOWICH, WALTER, US
[72] MOON, MALCOLM WILSON, US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2002-11-19
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[87] 2001-11-29 (WO2001/090104)
[30] US (60/207,000) 2000-05-24
[30] US (60/225,045) 2000-08-11

[21] **2,414,547**
[13] A1

[51] **Int.Cl. 7A61B 10/00 7A61B 17/28**
[25] FR
[54] **PINCE A USAGE MEDICAL COMPORTANT DEUX MACHOIRES ARTICULEES**
[54] **CLAMP FOR MEDICAL USE COMPRISING TWO ARTICULATED JAWS**
[72] FLIPO, BERNARD, FR
[71] FLIPO, BERNARD, FR
[85] 2002-12-30
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[87] 2002-01-10 (WO2002/002014)
[30] FR (00/08859) 2000-07-05

[21] **2,414,551**
[13] A1

[51] **Int.Cl. 7A61B 17/28 7A61B 10/00**
[25] FR
[54] **PINCE MULTIFONCTIONS A USAGE MEDICAL COMPORTANT DEUX MACHOIRES ARTICULEES**
[54] **MULTIPURPOSE CLAMP FOR MEDICAL USE COMPRISING TWO ARTICULATED JAWS**
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[71] FLIPO, BERNARD, FR
[85] 2002-12-30
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[87] 2002-01-10 (WO2002/002019)
[30] FR (00/08858) 2000-07-05

[21] **2,416,758**
[13] A1

[51] **Int.Cl. 7A42B 1/24**
[25] EN
[54] **VISOR AND METHOD FOR EXHIBITING A DISPLAY THEREON**
[54] **VISIÈRE ET METHODE DE PRESENTATION D'UN AFFICHAGE**
[72] LORD, CHARLES, US
[72] SHWARTZ, KENNETH A., US
[71] AHEAD HEADGEAR, INC., US
[85] 2002-12-12
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[87] 2003-06-07 (WO/)
[30] US (10/020,127) 2001-12-07

[21] **2,417,921**
[13] A1

[51] **Int.Cl. 7A61M 39/00**
[25] EN
[54] **GASTRIC ACCESS PORT**
[54] **PORT D'ACCES GASTRIQUE**
[72] DELEGGE, REBECCA, US
[71] HAMMERHEAD DESIGN AND DEVELOPMENT, INC., US
[85] 2003-02-11
[86] 2001-08-15 (PCT/US2001/025485)
[87] 2002-02-21 (WO2002/013901)
[30] US (60/225,530) 2000-08-15

[21] **2,418,341**
[13] A1

[51] **Int.Cl. 7H01J 43/00 7H01J 43/04 7G01T 1/20 7G01T 1/202 7H01J 43/28**
[25] EN
[54] **RUGGEDIZED PHOTOMULTIPLIER TUBE AND OPTICAL COUPLING IN ARMORED DETECTOR**
[54] **TUBE PHOTOMULTIPLICATEUR RENFORCE ET COUPLAGE OPTIQUE DANS UN DETECTEUR BLINDE**
[72] MEDLEY, DWIGHT, US
[71] FREDERICK ENERGY PRODUCTS, LLC, US
[85] 2003-02-06
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[30] US (09/626,744) 2000-07-26

[21] **2,418,400**
[13] A1

[51] **Int.Cl. 7D21H 21/16 7D21H 23/76**
[25] EN
[54] **PROCESS FOR SIZING PAPER**
[54] **PROCEDE DE COLLAGE DE PAPIER**
[72] LINDGREN, ERIK, SE
[72] MAGNUSSON, BARBRO, SE
[72] FROLICH, STEN, SE
[72] PERSSON, MICHAEL, SE
[71] AKZO NOBEL N.V., NL
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[87] 2002-02-14 (WO2002/012622)
[30] EP (00850135.5) 2000-08-07
[30] EP (00850136.3) 2000-08-07
[30] EP (00850137.1) 2000-08-07
[30] EP (00850195.9) 2000-11-16

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[21] **2,418,405**
[13] A1

[51] **Int.Cl. 7B43K 5/02 7A46B 15/00 7B05C 17/03**
[25] EN
[54] **PAINT APPLICATOR**
[54] **APPLICATEUR DE PEINTURE**
[72] ANDERSON, STEVEN A., US
[72] REENTS, TERRY R., US
[72] FRANK, PETER L., US
[72] JERDEE, JEFFERY S., US
[72] FAGEROOS, VICTOR JON, US
[71] WAGNER SPRAY TECH CORPORATION, US
[85] 2003-02-04
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[87] 2002-02-21 (WO2002/014082)
[30] US (60/225,110) 2000-08-14
[30] US (60/226,960) 2000-08-22

[21] **2,418,413**
[13] A1

[51] **Int.Cl. 7D21H 21/16 7D21H 23/76**
[25] EN
[54] **PROCESS FOR SIZING PAPER**
[54] **PROCEDE DE COLLAGE DE PAPIER**
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[72] FROLICH, STEN, SE
[72] LINDGREN, ERIK, SE
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[30] EP (00850195.9) 2000-11-16

[21] **2,418,416**
[13] A1

[51] **Int.Cl. 7D21H 21/16**
[25] EN
[54] **SIZING DISPERSION**
[54] **DISPERSION DE COLLAGE**
[72] FROLICH, STEN, SE
[72] MORGAN, NICHOLAS STUART, GB
[72] PERSSON, MICHAEL, SE
[72] LINDGREN, ERIK, SE
[72] DUNLEAVEY, RUTH, GB
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[87] 2002-02-14 (WO2002/012624)
[30] EP (00850137.1) 2000-08-07
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[30] EP (00850195.9) 2000-11-16

[21] **2,418,432**
[13] A1

[51] **Int.Cl. 7B01D 61/08 7B01D 65/00 7B01D 61/10 7B01D 61/12 7C02F 1/28 7C02F 1/44**
[25] EN
[54] **FLOW CONTROL MODULE FOR RO WATER TREATMENT SYSTEM**
[54] **MODULE DE CONTROLE DE FLUX POUR SYSTEME D'EPURATION DE L'EAU PAR OSMOSE INVERSE**
[72] STEINHARDT, MICHAEL D., US
[72] KURTH, MICHAEL J., US
[72] GUNDRUM, ROBERT R., US
[71] CULLIGAN INTERNATIONAL COMPANY, US
[85] 2003-02-05
[86] 2001-07-27 (PCT/US2001/023559)
[87] 2002-02-14 (WO2002/012124)
[30] US (09/633,995) 2000-08-08

[21] **2,418,441**
[13] A1

[51] **Int.Cl. 7C12P 7/08 7C13K 1/02**
[25] EN
[54] **DILUTE ACID/METAL SALT HYDROLYSIS OF LIGNOCELLULOSES**
[54] **HYDROLYSE PAR ACIDE DILUE/SEL METALLIQUE DE MATIERES LIGNO-CELLULOSIQUES**
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[72] TUCKER, MELVIN P., US
[71] MIDWEST RESEARCH INSTITUTE, US
[85] 2003-02-05
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[30] US (09/634,978) 2000-08-09

[21] **2,418,444**
[13] A1

[51] **Int.Cl. 7B64F 1/06**
[25] EN
[54] **MOBILE AIRCRAFT LAUNCHER**
[54] **LANCE-AERONEFS MOBILE**
[72] MILLER, STEVE, US
[71] AAI CORPORATION, US
[85] 2003-02-04
[86] 2001-08-15 (PCT/US2001/025414)
[87] 2002-02-21 (WO2002/014150)
[30] US (09/639,159) 2000-08-16

[21] **2,418,449**
[13] A1

[51] **Int.Cl. 7A01K 39/02**
[25] EN
[54] **DEVICE AND METHOD FOR FEEDING FOOD**
[54] **DISPOSITIF ET METHODE DE DISTRIBUTION DE NOURRITURE**
[72] SUZUKI, TAMOTSU, JP
[72] HORIKAWA, HIROSHI, JP
[72] MORIKOSHI, TOSHIMICHI, JP
[71] ITOCHU FEED MILLS CO., LTD., JP
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[87] 2003-02-05 (WO2002/015679)
[30] JP (2000-241937) 2000-08-09

[21] **2,418,464**
[13] A1

[51] **Int.Cl. 7A61K 45/00 7A61P 25/00 7A61K 31/40 7A61K 31/4738 7A61K 31/55**
[25] EN
[54] **PROPHYLACTIC OR THERAPEUTIC AGENT FOR CENTRAL NERVOUS SYSTEM DISEASES**
[54] **AGENTS PROPHYLACTIQUES ET REMEDES CONTRE DES MALADIES DU SYSTEME NERVEUX CENTRAL**
[72] MIYAMOTO, MASAOMI, JP
[72] MORI, MASAOKI, JP
[72] FUKUMOTO, HIROAKI, US
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
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[30] JP (2000-255529) 2000-08-25

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[13] A1

[51] **Int.Cl. 7B01D 61/02 7C02F 1/44 7B01D 61/58**
[25] EN
[54] **PROCESS AND APPARATUS FOR BLENDING PRODUCT LIQUID FROM DIFFERENT THIN FILM COMPOSITE MEMBRANES**
[54] **PROCEDE ET APPAREIL DE MELANGE DE LIQUIDE PRODUIT A PARTIR DE DIFFERENTES MEMBRANES COMPOSITES A COUCHE MINCE**
[72] LEE, BARRY H., US
[72] WAYMAN, GENE, US
[72] VAN NEWENHIZEN, JOHN, US
[71] UNITED STATES FILTER CORPORATION, US
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[86] 2001-08-24 (PCT/US2001/026582)
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[30] US (09/645,898) 2000-08-25

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[13] A1

[51] **Int.Cl. 7C02F 1/66 7C02F 1/52 7C02F 1/64**
[25] EN
[54] **WATER TREATMENT METHOD**
[54] **PROCEDE DE TRAITEMENT DE L'EAU**
[72] MAREE, JOHANNES PHILLIPPUS, ZA
[71] CSIR, ZA
[85] 2003-02-05
[86] 2001-08-21 (PCT/IB2001/001513)
[87] 2002-02-28 (WO2002/016272)
[30] ZA (2000/4290) 2000-08-21

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[13] A1

[51] **Int.Cl. 7C07J 63/00 7A61P 35/00 7A61P 31/18 7A61K 31/56**
[25] EN
[54] **PRODRUGS OF BETULINIC ACID DERIVATIVES FOR THE TREATMENT OF CANCER AND HIV**
[54] **PROMEDICAMENTS DE DERIVES DE L'ACIDE BETULINIQUE POUR LE TRAITEMENT DU CANCER ET DU VIH**
[72] ZHOU, NIAN EN, US
[72] XU, ZE-QI, US
[72] KOSMEDER, JEROME W. II, US
[72] PEZZUTO, JOHN M., US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[71] ADVANCED LIFE SCIENCES INC., US
[85] 2003-02-05
[86] 2001-08-15 (PCT/US2001/025581)
[87] 2002-02-28 (WO2002/016395)
[30] US (60/226,536) 2000-08-18

[21] **2,418,483**
[13] A1

[51] **Int.Cl. 7C08L 33/14 7C08L 79/02 7C02F 11/14 7C02F 1/56**
[25] EN
[54] **POLYMERIC COMPOSITIONS FOR DEWATERING SEWAGE SLUDGES**
[54] **COMPOSITIONS POLYMERIQUES SERVANT A DESHYDRATER DES BOUES D'EPURATION**
[72] BERGGREN, NILS, DK
[72] READ, HELEN ELIZABETH, GB
[72] NORMAN, PETER IAN, GB
[71] CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED, GB
[85] 2003-02-05
[86] 2001-08-14 (PCT/EP2001/009377)
[87] 2002-02-28 (WO2002/016495)
[30] GB (0020862.9) 2000-08-25

[21] **2,418,487**
[13] A1

[51] **Int.Cl. 7A21C 3/02**
[25] EN
[54] **DEVICE FOR FORMING A DOUGH STRAND**
[54] **DISPOSITIF POUR FORMER UNE BANDE DE PATE**
[72] BARROCHE-HEINRICH, WILFRIED, AT
[72] LAMBAUER, PETER, AT
[71] KONIG MASCHINEN GESELLSCHAFT M.B.H., AT
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[86] 2002-04-04 (PCT/AT2002/000104)
[87] 2003-02-05 (WO2002/080683)
[30] AT (A 543/2001) 2001-04-04

[21] **2,418,490**
[13] A1

[51] **Int.Cl. 7A61K 9/14 7A61K 45/00 7A61K 47/04 7A61K 9/16 7A61K 9/20 7A61K 47/30 7A61K 47/32 7A61K 47/34 7A61K 47/36 7A61K 47/38**
[25] EN
[54] **DRUG-CONTAINING SOLID DISPERSION HAVING IMPROVED SOLUBILITY**
[54] **DISPERSION SOLIDE MEDICAMENTEUSE A SOLUBILITE ACCRUE**
[72] AOKI, SHIGERU, JP
[71] EISAI CO., LTD., JP
[85] 2003-02-06
[86] 2001-08-09 (PCT/JP2001/006868)
[87] 2002-02-21 (WO2002/013792)
[30] JP (2000-243913) 2000-08-11

[21] **2,418,491**
[13] A1

[51] **Int.Cl. 7A61G 5/10**
[25] EN
[54] **A WHEELCHAIR SEAT HAVING ADJUSTABLE TELESCOPING ASSEMBLY**
[54] **SIEGE DE FAUTEUIL ROULANT POURVU D'UN ENSEMBLE TELESCOPIQUE REGLABLE**
[72] MOLNAR, JAMES H., US
[71] INVACARE CORPORATION, US
[85] 2003-02-05
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[87] 2002-03-07 (WO2002/017845)
[30] US (09/636,404) 2000-08-10

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[21] **2,418,499**
[13] A1

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[25] EN
[54] **BALLOON SUSPENSION DEVICE**
[54] **DISPOSITIF DE SUSPENSION DE BALLONS**
[72] BERNARD, ROBINA B., CA
[71] BERNARD, ROBINA B., CA
[85] 2003-02-06
[86] 2001-08-13 (PCT/CA2001/001153)
[87] 2002-02-21 (WO2002/013936)
[30] US (09/635,789) 2000-08-11

[21] **2,418,509**
[13] A1

[51] **Int.Cl. 7C08L 23/10 7C08F 8/50**
[25] EN
[54] **POLYPROPYLENE MATERIALS WITH HIGH MELT FLOW RATE AND GOOD MOLDING CHARACTERISTICS AND METHODS OF MAKING**
[54] **MATERIAUX DERIVES DE POYPROPYLENE PRESENTANT UN INDICE DE FLUIDITE A CHAUD ELEVE ET DE BONNES CARACTERISTIQUES DE MOULAGE ET LEURS PROCEDES DE FABRICATION**
[72] FUJII, MASAKI, US
[72] KIM, SEHYUN, US
[71] ARISTECH CHEMICAL CORPORATION, US
[85] 2003-02-04
[86] 2001-10-08 (PCT/US2001/031482)
[87] 2002-04-18 (WO2002/031045)
[30] US (60/239,353) 2000-10-11

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[13] A1

[51] **Int.Cl. 7C11D 3/00 7A61L 12/12 7A61L 2/28 7C11D 3/39 7C11D 1/722**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR CLEANING CONTACT LENSES**
[54] **COMPOSITIONS ET PROCEDES DE NETTOYAGE DE VERRES DE CONTACT**
[72] TSAO, FU-PAO, US
[71] NOVARTIS AG, CH
[85] 2003-02-05
[86] 2001-09-26 (PCT/EP2001/011179)
[87] 2002-04-04 (WO2002/026922)
[30] US (60/236,254) 2000-09-28

[21] **2,418,511**
[13] A1

[51] **Int.Cl. 7B01J 37/12 7C10G 2/00 7C07C 1/04**
[25] EN
[54] **FISCHER-TROPSCH CATALYST ENHANCEMENT**
[54] **AMELIORATION DE CATALYSEUR FISCHER TROPSCH**
[72] DAAGE, MICHEL A., US
[72] KOVEAL, RUSSELL JOHN JR., US
[72] LAPIDUS, ALBERT L'VOVICH, RU
[72] KRYLOVA, ALLA JURIEVNA, RU
[72] BRENNAN, SHAWN PAUL, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2003-02-04
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[87] 2002-03-14 (WO2002/020159)
[30] US (09/654,183) 2000-09-01

[21] **2,418,530**
[13] A1

[51] **Int.Cl. 7E21B 29/02 7E21B 43/11**
[25] EN
[54] **METHOD AND SYSTEM FOR PERFORATING**
[54] **PROCEDE ET SYSTEME DE PERFORATION**
[72] SNIDER, PHILIP M., US
[71] MARATHAN OIL COMPANY, US
[85] 2003-02-04
[86] 2001-09-07 (PCT/US2001/028115)
[87] 2002-03-14 (WO2002/020939)
[30] US (09/656,720) 2000-09-07

[21] **2,418,531**
[13] A1

[51] **Int.Cl. 7A61K 38/18 7A61P 9/00 7A61P 25/00**
[25] EN
[54] **THERAPEUTIC USE OF A RECOMBINANT ERYTHROPOIETIN HAVING HIGH ACTIVITY AND REDUCED SIDE EFFECTS**
[54] **METHODES THERAPEUTIQUES DE TRAITEMENT DE SUJET AVEC UNE ERYTHROPOIETINE RECOMBINEE PRESENTANT UNE ACTIVITE ELEVEE ET PEU D'EFFETS SECONDAIRES**
[72] THOMPSON, LAWRENCE H., US
[71] ELANEX PHARMA (IOM) LTD., GB
[85] 2003-02-04
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[30] US (09/637,962) 2000-08-11

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[25] EN
[54] **NEW DIPEPTIDYL PEPTIDASE IV INHIBITORS AND THEIR USES AS ANTI-CANCER AGENTS**
[54] **NOUVEAUX INHIBITEURS DE DIPEPTIDYLPEPTIDASE IV ET LEURS UTILISATIONS EN TANT QU'AGENTS ANTI-CANCEREUX**
[72] DEMUTH, HANS-ULRICH, DE
[72] HOFFMANN, TORSTEN, DE
[72] VON HORSTEN, STEPHAN, DE
[71] PROBIODRUG AG, DE
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[30] US (60/360,909) 2002-02-28

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[54] **ELECTRIC POWER TOOL**
[54] **OUTIL A MOTEUR ELECTRIQUE**
[72] GERHARDT, GRAHAM, AU
[72] SZOMMER, HARRY, AU
[72] BROWN, WARREN, AU
[71] HILLS INDUSTRIES LIMITED, AU
[71] BROWN, WARREN, AU
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[30] AU (PQ 9407) 2000-08-14

[21] **2,418,633**
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[51] **Int.Cl. 7G09F 7/18 7G09F 7/04**
[25] EN
[54] **MAGNET INSTALLATION AND REMOVAL DEVICE**
[54] **DISPOSITIF D'INSTALLATION ET D'ENLEVEMENT A AIMANT**
[72] BERNARD, ROBINA B., CA
[71] BERNARD, ROBINA B., CA
[85] 2003-02-06
[86] 2001-08-13 (PCT/CA2001/001151)
[87] 2002-02-21 (WO2002/015160)
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[21] **2,418,635**
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[51] **Int.Cl. 7A63B 21/005**
[25] EN
[54] **SYSTEM FOR INTERACTION WITH EXERCISE DEVICE**
[54] **SYSTEME D'INTERACTION AVEC UN APPAREIL D'EXERCICE PHYSIQUE**
[72] ASHBY, DARREN C., US
[72] DALEBOUT, WILLIAM T., US
[72] WATTERSON, SCOTT R., US
[71] ICON IP, INC., US
[85] 2003-02-06
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[87] 2002-02-28 (WO2002/015986)
[30] US (09/641,627) 2000-08-18

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[25] EN
[54] **SELECTIVE HYDROGENATION CATALYST AND PROCESSES THEREFOR AND THEREWITH**
[54] **CATALYSEUR D'HYDROGENATION SELECTIVE ET PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] JOHNSON, MARVIN M., US
[72] CHEUNG, TIN-TACK PETER, US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
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[87] 2002-02-28 (WO2002/016032)
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[25] EN
[54] **COUPLING DEVICE PARTICULARLY FOR VEHICLE WHEELS UNDERGOING SURFACE FINISHING**
[54] **DISPOSITIF D'ACCOUPLLEMENT SPECIFIQUEMENT CONCU POUR DES ROUES DE VEHICULE SOUMISES A UNE FINITION DE SURFACE**
[72] BAUMGARTNER, HEINRICH GEORG, DE
[71] BBS-RIVA S.P.A., IT
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[54] **LENS DESIGN TO ENHANCE VISION QUALITY**
[54] **CONCEPTION D'UNE LENTILLE VISANT A AMELIORER LA QUALITE DE LA VISION**
[72] YE, MING, US
[71] NOVARTIS AG, CH
[85] 2003-02-06
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[87] 2002-02-21 (WO2002/014928)
[30] US (60/225,954) 2000-08-17

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[25] EN
[54] **DISPERSIONS CONTAINING POLYETHER DISPERSANTS**
[54] **DISPERSIONS CONTENANT DES DISPERSANTS POLYETHER**
[72] THETFORD, DEAN, GB
[71] AVECIA LIMITED, GB
[85] 2003-02-06
[86] 2001-08-03 (PCT/GB2001/003475)
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[30] GB (0020414.9) 2000-08-18

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[25] EN
[54] **NOVEL 3-SUBSTITUTED UREA DERIVATIVES AND MEDICINAL USE THEREOF**
[54] **NOUVEAUX DERIVES D'UREE SUBSTITUES EN POSITION 3, ET LEUR UTILISATION EN MEDECINE**
[72] NAKA, YOICHI, JP
[72] ISHIBUCHI, SEIGO, JP
[72] ITOH, KATSUHIKO, JP
[72] SUMICHIKA, HIROSHI, JP
[71] MITSUBISHI PHARMA CORPORATION, JP
[85] 2003-02-06
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[30] JP (2000-243290) 2000-08-10

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[25] EN
[54] **PROLINE DERIVATIVES AND USE THEREOF AS DRUGS**
[54] **DERIVES DE PROLINE ET LEUR UTILISATION COMME MEDICAMENTS**
[72] KITAJIMA, HIROSHI, JP
[72] HAYASHI, YOSHIHARU, JP
[72] AKAHOSHI, FUMIHIKO, JP
[72] SAKASHITA, HIROSHI, JP
[71] MITSUBISHI PHARMA CORPORATION, JP
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[87] 2002-02-21 (WO2002/014271)
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[30] JP (2000-400296) 2000-12-28

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[54] **FLOW RATE MEASURING METHOD AND FLOW-METER**
[54] **PROCEDE SERVANT A MESURER UN DEBIT ET DEBITMETRE**
[72] YAMAGISHI, KIYOSHI, JP
[72] MIYAJIMA, HIROMITSU, JP
[72] HIRAZUMI, KENICHI, JP
[72] KOIKE, ATSUSHI, JP
[71] MITSUI MINING & SMELTING CO., LTD., JP
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[87] 2002-02-21 (WO2002/014799)
[30] JP (2000-243226) 2000-08-10

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[13] A1

[51] **Int.Cl. 7G01G 17/04 7F17C 13/02**
[25] EN
[54] **AN APPARATUS FOR DETERMINING THE FLUID CONTENT OF A CONTAINER**
[54] **APPAREIL POUR DETERMINER LE CONTENU EN FLUIDE D'UN CONTENANT**
[72] ROWLINSON, IAN, ES
[71] GASMAT ESPANA S.L., ES
[85] 2003-02-05
[86] 2001-08-06 (PCT/GB2001/003519)
[87] 2002-02-14 (WO2002/012841)
[30] GB (0019163.5) 2000-08-05

[21] **2,418,675**
[13] A1

[51] **Int.Cl. 7G01V 1/18**
[25] EN
[54] **GEOPHONE AND METHOD OF MANUFACTURING A GEOPHONE**
[54] **GEOPHONE ET PROCEDE DE FABRICATION D'UN GEOPHONE**
[72] KAMATA, MASAHIRO, JP
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2003-02-06
[86] 2001-08-23 (PCT/IB2001/001559)
[87] 2002-03-07 (WO2002/018975)
[30] GB (0021408.8) 2000-09-01

[21] **2,418,692**
[13] A1

[51] **Int.Cl. 7H04Q 7/32**
[25] EN
[54] **AN EARPHONE FOR A CELLULAR PHONE**
[54] **ECOUTEUR POUR TELEPHONE CELLULAIRE**
[72] ELIDAN, JOSEF, IL
[72] MAGER, MICHAEL, IL
[71] SYGNET TECHNOLOGIES INTERNATIONAL (2001) LTD., IL
[85] 2003-02-05
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[30] IL (137724) 2000-08-07

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[13] A1

[51] **Int.Cl. 7G01N 35/00 7B01L 3/00 7F04B 43/02 7F04B 43/04 7G01N 33/52**
[25] EN
[54] **GIMBALED BLADDER ACTUATOR FOR USE WITH TEST STRIPS**
[54] **ACTIONNEUR SUSPENDU A LA CARDAN DE VESSIES A UTILISER AVEC DES BANDELETTES TEST**
[72] OLSON, LORIN, US
[72] HOUSE, ALLEN, US
[71] LIFESCAN, INC., US
[85] 2003-02-06
[86] 2001-07-26 (PCT/US2001/023531)
[87] 2002-02-21 (WO2002/013970)
[30] US (09/637,504) 2000-08-11

[21] **2,418,702**
[13] A1

[51] **Int.Cl. 7B01D 11/04**
[25] EN
[54] **CRUD REMOVAL SYSTEM AND METHOD FOR SOLVENT EXTRACTION**
[54] **SYSTEME D'ELIMINATION D'IMPURETES ET PROCEDE D'EXTRACTION DE SOLVANT**
[72] SUDDERTH, R. BRANTLEY, US
[72] DORLAC, JEROME P., US
[71] COGNIS CORPORATION, US
[85] 2003-02-06
[86] 2001-07-27 (PCT/US2001/023821)
[87] 2002-02-21 (WO2002/013939)
[30] US (60/224,130) 2000-08-10
[30] US (09/908,200) 2001-07-18

[21] **2,418,707**
[13] A1

[51] **Int.Cl. 7C08L 33/12 7C08L 69/00**
[25] EN
[54] **A TRANSPARENT COMPOSITION CONTAINING POLYCARBONATE AND A COPOLYMER OF METHYLMETHACRYLATE**
[54] **COMPOSITION TRANSPARENTE CONTENANT DU POLYCARBONATE ET UN COPOLYMER DE METHYLMETHACRYLATE**
[72] KOHNCKE, NICANOR, US
[72] MOULINIE, PIERRE, US
[71] BAYER CORPORATION, US
[85] 2003-02-06
[86] 2001-08-02 (PCT/US2001/024549)
[87] 2002-02-21 (WO2002/014427)
[30] US (09/636,2000) 2000-08-10

[21] **2,418,713**
[13] A1

[51] **Int.Cl. 7C07F 7/22**
[25] EN
[54] **DIRECT SYNTHESIS OF TIN (II) CARBOXYLATES AND TIN (IV) CARBOXYLATES FROM ELEMENTAL TIN OR TIN OXIDES**
[54] **SYNTHESE DIRECTE DE CARBOXYLATES D'ETAIN (II) ET D'ETAIN (IV) CARBOXYLATES A PARTIR D'ETAIN ELEMENTAIRE OU D'OXYDES D'ETAIN**
[72] FISCH, MICHAEL H., US
[72] BRECKER, LAWRENCE R., US
[72] BACALOGU, RADU, US
[72] KLEINLAUTH, PHILLIP J., US
[72] KNEZEVIC, VASILJIE, US
[71] CROMPTON CORPORATION, US
[85] 2003-02-04
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[87] 2002-02-21 (WO2002/014328)
[30] US (09/635,615) 2000-08-10

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[21] **2,418,714**
[13] A1

[51] **Int.Cl. 7H01M 8/00**
[25] EN
[54] **SEALLESS RADIAL SOLID OXIDE FUEL CELL STACK DESIGN**
[54] **EMPILEMENT RADIAL DE PILES A COMBUSTIBLE A OXYDE SOLIDE SANS DISPOSITIF D'ETANCHEITE**
[72] YAMANIS, JEAN, US
[72] DALFONZO, DANIEL, US
[72] ONG, ESTELA, US
[72] PIASCIK, JAMES, US
[71] HONEYWELL INTERNATIONAL INC., US
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[86] 2001-08-09 (PCT/US2001/025042)
[87] 2002-02-28 (WO2002/017419)
[30] US (09/642,746) 2000-08-18

[21] **2,418,715**
[13] A1

[51] **Int.Cl. 7B41M 5/38 7B41J 2/32 7B41M 5/40**
[25] EN
[54] **LASER THERMAL TRANSFER RECORDING METHOD**
[54] **PROCEDE D'ENREGISTREMENT PAR TRANSFERT THERMIQUE PAR LASER**
[72] SASAKI, YOSHIHARU, JP
[72] SHIMOMURA, AKIHIRO, JP
[71] FUJI PHOTO FILM CO., LTD., JP
[85] 2003-02-05
[86] 2002-05-21 (PCT/JP2002/004919)
[87] 2003-02-05 (WO2002/096667)
[30] JP (2001-159135) 2001-05-28
[30] JP (2001-169657) 2001-06-05

[21] **2,418,718**
[13] A1

[51] **Int.Cl. 7G09F 15/00**
[25] EN
[54] **A DEVICE FOR DISPLAYING INFORMATION**
[54] **DISPOSITIF D'AFFICHAGE D'INFORMATIONS**
[72] UDEN, BERTIL, SE
[71] UDEN, BERTIL, SE
[85] 2003-02-05
[86] 2001-08-02 (PCT/SE2001/001702)
[87] 2002-02-14 (WO2002/013172)
[30] SE (0002836-5) 2000-08-07

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[13] A1

[51] **Int.Cl. 7H01M 8/12**
[25] EN
[54] **INTEGRATED SOFC**
[54] **PILE A COMBUSTIBLE A OXYDE SOLIDE (SOFC) INTEGREE**
[72] CHUNG, BRANDON, US
[72] LEAR, GREGORY, US
[72] ONG, ESTELA, US
[72] DOSHI, RAJIV, US
[72] MONTGOMERY, KURT, US
[72] MINH, NGUYEN, US
[72] GUAN, JIE, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2003-02-06
[86] 2001-08-10 (PCT/US2001/025271)
[87] 2002-02-28 (WO2002/017420)
[30] US (09/642,750) 2000-08-18

[21] **2,418,720**
[13] A1

[51] **Int.Cl. 7C07D 417/06 7A61P 29/00 7C07D 471/04 7C07D 495/04 7C07D 513/04 7C07D 401/06 7C07D 413/06 7A61K 31/473 7A61K 31/5415**
[25] EN
[54] **CASPASE INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS DE CASPASE ET LEURS UTILISATIONS**
[72] CHARRIER, JEAN-DAMIEN, GB
[72] KNEGTEL, RONALD, GB
[72] MORTIMORE, MICHAEL, GB
[71] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2003-02-04
[86] 2001-09-12 (PCT/US2001/028450)
[87] 2002-03-21 (WO2002/022611)
[30] US (60/232,573) 2000-09-13

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[13] A1

[51] **Int.Cl. 7H04N 7/26**
[25] EN
[54] **MODULATING ONE OR MORE PARAMETERS OF AN AUDIO OR VIDEO PERCEPTUAL CODING SYSTEM IN RESPONSE TO SUPPLEMENTAL INFORMATION**
[54] **MODULATION D'UN OU PLUSIEURS PARAMETRES D'UN SYSTEME DE CODAGE PERCEPTUEL AUDIO OU VIDEO EN REPONSE A DES INFORMATIONS SUPPLEMENTAIRES**
[72] VERNON, STEPHEN DECKER, US
[72] CROCKETT, BRETT GRAHAM, US
[72] WATSON, MATTHEW AUBREY, US
[72] TRUMAN, MICHAEL MEAD, US
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
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[86] 2001-08-15 (PCT/US2001/025473)
[87] 2002-02-21 (WO2002/015587)
[30] US (60/226,044) 2000-08-16
[30] US (60/226,151) 2000-08-16
[30] US (60/256,000) 2000-12-15
[30] US (60/255,965) 2000-12-15
[30] US (60/256,157) 2000-12-15
[30] US (60/255,964) 2000-12-15
[30] US (60/255,967) 2000-12-15
[30] US (60/256,078) 2000-12-15

[21] **2,418,723**
[13] A1

[51] **Int.Cl. 7A61F 13/472**
[25] EN
[54] **TOPSHEET FOR ABSORBENT ARTICLES**
[54] **FEUILLE SUPERIEURE AMELIOREE DESTINEE A ETRE EN CONTACT AVEC LES TISSUS CORPORELS HYDRIQUES ET DISPOSITIF ABSORBANT DOTE D'UNE TELLE FEUILLE**
[72] AHR, NICHOLAS ALBERT, US
[72] BEWICK-SONNTAG, CHRISTOPHER PHILIP, US
[72] OSBORN, THOMAS WARD III, US
[72] KIRKBRIDE, TANA MARIE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-02-06
[86] 2001-08-03 (PCT/US2001/024438)
[87] 2002-02-21 (WO2002/013750)
[30] US (09/637,440) 2000-08-11
[30] US (09/905,804) 2001-07-13

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[13] A1

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[25] EN
[54] **CELLULOSE PRODUCTION FROM LIGNOCELLULOSIC BIOMASS**
[54] **PRODUCTION DE CELLULOSE A PARTIR DE BIOMASSE LIGNOCELLULOSIQUE**
[72] WINGERSON, RICHARD C., US
[71] PUREVISION TECHNOLOGY, INC., US
[85] 2003-02-04
[86] 2001-08-09 (PCT/US2001/041644)
[87] 2002-02-21 (WO2002/014598)
[30] US (09/640,815) 2000-08-16

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[13] A1

[51] **Int.Cl. 7G08B 13/24**
[25] EN
[54] **INTEGRATED HYBRID ELECTRONIC ARTICLE SURVEILLANCE MARKER**
[54] **MARQUEUR DE SURVEILLANCE ELECTRONIQUE D'ARTICLES HYBRIDE INTEGRE**
[72] QUI, AN, US
[72] HASEGAWA, RYUSUKE, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2003-02-05
[86] 2001-08-07 (PCT/US2001/024683)
[87] 2002-02-14 (WO2002/013156)
[30] US (09/634,121) 2000-08-08

[21] **2,418,730**
[13] A1

[51] **Int.Cl. 7A61K 9/20 7A61K 31/635**
[25] EN
[54] **ORAL FAST-MELT FORMULATION OF A CYCLOOXYGENASE-2 INHIBITOR**
[54] **FORMULATION ORALE A DESINTEGRATION RAPIDE D'UN INHIBITEUR DE CYCLOOXYGENASE-2**
[72] NYSHADHAM, JANAKI R., US
[72] SASTRY, SRIKONDA V., US
[72] KONTRY, MARK J., US
[72] KARARLI, TUGRUL T., US
[72] PAGLIERO, ARTHUR J., JR., US
[72] LE, TRANG T., US
[71] PHARMACIA CORPORATION, US
[71] YAMANOUCHI PHARMA TECHNOLOGIES, INC., US
[85] 2003-02-06
[86] 2001-08-17 (PCT/US2001/025803)
[87] 2002-02-28 (WO2002/015885)
[30] US (60/226,347) 2000-08-18

[21] **2,418,737**
[13] A1

[51] **Int.Cl. 7G06K 19/077 7H01L 23/498 7H01L 21/60**
[25] FR
[54] **PROCEDE DE CONNEXION D'UNE PUCE A UNE ANTENNE D'UN DISPOSITIF D'IDENTIFICATION PAR RADIO-FREQUENCE DU TYPE CARTE A PUCE SANS CONTACT**
[54] **METHOD FOR CONNECTING A CHIP TO THE ANTENNA OF A RADIO FREQUENCY IDENTIFICATION DEVICE OF A CONTACTLESS CHIP CARD VARIETY**
[72] HALOPE, CHRISTOPHE, FR
[72] ZUPANEK, FABIEN, FR
[71] ASK S.A., FR
[85] 2003-02-06
[86] 2002-06-12 (PCT/FR2002/002005)
[87] 2002-12-27 (WO2002/103627)
[30] FR (01/07779) 2001-06-14

[21] **2,418,740**
[13] A1

[51] **Int.Cl. 7G06F 11/30 7H04K 1/00 7H04L 9/00 7G06F 12/14 7H04L 9/32 7G06F 17/60**
[25] EN
[54] **INTERNET THIRD-PARTY AUTHENTICATION USING ELECTRONIC TICKETS**
[54] **AUTHENTIFICATION DE TIERS INTERNET PAR UTILISATION DE TICKETS ELECTRONIQUES**
[72] JANCULA, JEFFREY JOHN, US
[71] WACHOVIA CORPORATION, US
[85] 2003-02-05
[86] 2001-08-08 (PCT/US2001/024813)
[87] 2002-02-14 (WO2002/013016)
[30] US (60/223,825) 2000-08-08

[21] **2,418,750**
[13] A1

[51] **Int.Cl. 7A47G 27/00**
[25] EN
[54] **CUSHIONED RUBBER FLOOR MAT ARTICLE AND METHOD**
[54] **ARTICLE DE TAPIS EN CAOUTCHOUC COUSSINE ET PROCEDE**
[72] NORD, THOMAS D., JP
[72] BURKE, WILLIAM O., II, US
[72] KOBAYASHI, SEIIN, JP
[72] KERR, ROBERT C., US
[72] STREETON, AMY B., US
[71] MILLIKEN & COMPANY, US
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[86] 2001-08-30 (PCT/US2001/026990)
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[30] US (09/672,152) 2000-09-27

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[25] EN
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[54] **SYSTEME D'AFFICHAGE A CRISTAUX LIQUIDES HOLOGRAPHIQUE (HLCD) 3-D ET SON PROCEDE DE REALISATION**
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[72] YU, KEVIN H., US
[72] AYE, TIN M., US
[71] PHYSICAL OPTICS CORPORATION, US
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[25] FR
[54] **CARTE A PUCE SANS CONTACT AVEC UN SUPPORT D'ANTENNE ET UN SUPPORT DE PUCE EN MATERIAU FIBREUX**
[54] **CONTACTLESS CHIPCARD WITH AN ANTENNA SUPPORT AND CHIP SUPPORT MADE FROM A FIBROUS MATERIAL**
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[71] ASK S.A., FR
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[54] **MIXER SEAL AND BEARING APPARATUS AND METHOD**
[54] **ENSEMBLE PALIER ET JOINT DE MELANGEUR ET PROCEDE ASSOCIE**
[72] ENGEL, DAVID J., US
[71] SPX CORPORATION, US
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[54] **ANTAGONISTES DU RECEPTEUR DE CALCIUM**
[72] SHINAGAWA, YUKO, JP
[72] KATSUSHIMA, TAKEO, JP
[72] NAKAGAWA, TAKASHI, JP
[71] JAPAN TOBACCO INC., JP
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[54] **CABLE LIFT WITH IN SHAFT MACHINERY**
[54] **ASCENSEUR AVEC EQUIPEMENT INTERIEUR A LA GAINE**
[72] MELLINI, PAOLO, IT
[72] MARCONI, PIERLUIGI, IT
[72] GNOMI, GABRIELE, IT
[72] ASSIRELLI, EROS, IT
[71] MELLINI, PAOLO, IT
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[54] **CYLINDRICAL TARGET AND ITS PRODUCTION METHOD**
[54] **CIBLE CYLINDRIQUE ET PROCEDE DE FABRICATION**
[72] UEDA, HIROSHI, JP
[72] KANDA, KOUICHI, JP
[72] KAMIYAMA, TOSHIHISA, JP
[71] ASAHI GLASS COMPANY, LIMITED, JP
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[54] **NITROGEN-POTASSIUM FERTILISER**
[54] **ENGRAIS LIQUIDE A BASE D'AZOTE ET DE POTASSIUM**
[72] SEREBRYAKO, ALEXANDER, RU
[72] DUKHANIN, VLADIMIR FEDOROVICH, RU
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[54] **FLUID-TIGHT DIFFERENTIAL PRESSURE FLOW SENSOR**
[54] **MANOMETRE**
[72] KARBASSI, SAID, US
[72] MAURER, JOSEPH D., US
[71] HONEYWELL INTERNATIONAL INC., US
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[25] EN
[54] **PURIFICATION PROCESS FOR IMPROVING TOTAL YIELD OF CURCUMINOID COLOURING AGENT**
[54] **PROCEDE DE PURIFICATION DESTINE A AMELIORER LE RENDEMENT TOTAL D'UN AGENT COLORANT CURCUMINOIDE**
[72] HIDALGO GARCIA, VENANCIO, ES
[72] HERNANDEZ VERA, LUIS, ES
[72] MADSEN, BJORN, DE
[71] CHR. HANSEN A/S, DK
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[30] DK (PA 2000 01254) 2000-08-24

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[51] **Int.Cl. 7F16L 9/12 7F16L 11/04 7B32B 27/08 7B32B 27/28**
[25] FR
[54] **TUBE MULTICOUCHE EN MATIERE PLASTIQUE POUR FLUIDES UTILISES DANS LES VEHICULES AUTOMOBILES**
[54] **MULTILAYER PLASTIC TUBE FOR FLUIDS USED IN MOTOR VEHICLES**
[72] MIGUEL, GUILLAUME, FR
[71] NOBEL PLASTIQUES, FR
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[87] 2002-02-21 (WO2002/014727)
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[72] AVERY, NEAL, H., US
[71] AVERY, NEAL, H., US
[85] 2003-02-05
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[13] A1

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[25] EN
[54] **GREASE COMPOSITION WITH IMPROVED RUST PREVENTION AND ABRASION RESISTANCE PROPERTIES**
[54] **COMPOSITION DE GRAISSE POSSEDANT DES PROPRIETES AMELIOREES DE PREVENTION DE LA ROUILLE ET DE RESISTANCE A L'ABRASION**

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[72] NAKAZAWA, KOUICHI, JP
[72] SHINODA, NORIAKI, JP
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[13] A1

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[25] EN
[54] **PROCESS FOR OBTAINING A PURIFIED HYDROFLUOROALKANE**
[54] **PROCEDE PERMETTANT D'OBTENIR UN HYDROFLUOROALCANE PURIFIE**
[72] CASAUBON SEIGNOUR, LIONEL, FR

[72] BUYLE, OLIVIER, BE
[72] KRAFFT, PHILIPPE, FR
[72] LAMBERT, ALAIN, BE
[72] WILMET, VINCENT, BE
[72] JANSSENS, FRANCINE, BE
[71] SOLVAY (SOCIETE ANONYME), BE
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[87] 2002-02-14 (WO2002/012153)
[30] FR (00/10549) 2000-08-10
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[51] **Int.Cl. 7E06B 3/667**
[25] EN
[54] **PLUG CONNECTOR FOR HOLLOW SECTIONS**
[54] **RACCORDS A EMBOITEMENT POUR PROFILES CREUX**
[72] KRONENBERG, MAX, DE
[71] KRONENBERG, MAX, DE
[85] 2003-02-06
[86] 2001-09-12 (PCT/EP2001/010505)
[87] 2003-02-06 (WO2002/023004)
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[51] **Int.Cl. 7A61M 1/12**
[25] EN
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[54] **VENTRICULE ARTIFICIEL INTRACAVITAIRE**
[72] GIAMBRUNO MARONO, JUAN MANUEL, UY
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[13] A1

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[25] FR
[54] **DERIVES DE BIPHENYLE ET LEUR UTILISATION COMME ACTIVATEURS DES RECEPTEURS PPAR-GAMMA**
[54] **BIPHENYL DERIVATIVES AND THEIR USE AS PPAR-GAMMA RECEPTOR ACTIVATORS**
[72] BERNARDON, JEAN-MICHEL, FR
[72] CLARY, LAURENCE, FR
[71] GALDERMA RESEARCH & DEVELOPMENT, SNC, FR
[85] 2003-02-07
[86] 2001-08-03 (PCT/FR2001/002543)
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[30] FR (00/10447) 2000-08-08

[21] **2,418,898**
[13] A1

[51] **Int.Cl. 7G01B 11/00 7G01B 11/06**
[25] EN
[54] **METHOD FOR MEASURING THE SURFACE HEIGHT OF A MATERIAL BED CONDUCTED ON A CONVEYOR BELT TO THERMAL TREATMENT**
[54] **PROCEDE DE MESURE DE LA HAUTEUR DE LA SURFACE D'UN LIT DE MATERIAU AHEMINE SUR LA BANDE D'UN CONVOYEUR POUR SUBIR UN TRAITEMENT THERMIQUE**
[72] VAANANEN, EERO, FI
[72] ROVANEN, RAIMO, FI
[72] TULKKI, OLAVI, FI
[72] PIRTTIMAA, JOUKO, FI
[72] NIEMELA, PEKKA, FI
[71] OUTOKUMPU OYJ, FI
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[86] 2001-08-24 (PCT/FI2001/000743)
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[30] FI (20001881) 2000-08-25

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[13] A1
[51] **Int.Cl. 7F27B 21/06 7B65G 15/60**
[25] EN
[54] **DEVICE FOR SUPPORTING A CONVEYOR BELT USED IN THE CONTINUOUSLY OPERATED SINTERING OF A MATERIAL BED**
[54] **SUPPORT DE BANDE DE CONVOYEUR UTILISE POUR LE FRITTAGE EN CONTINU D'UN LIT DE MATERIAU**
[72] TULKKI, OLAVI, FI
[72] JANKKILA, MARTTI, FI
[72] VAANANEN, EERO, FI
[71] OUTOKUMPU OYJ, FI
[85] 2003-02-06
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[87] 2002-02-28 (WO2002/016850)
[30] FI (20001882) 2000-08-25

[21] **2,418,933**
[13] A1
[51] **Int.Cl. 7E21B 37/06**
[25] EN
[54] **SCALE DISSOLVER FLUID LIQUIDE DE DISSOLUTION DU TARTRE**
[72] JONES, TIMOTHY GARETH JOHN, GB
[72] TUSTIN, GARY JOHN, GB
[72] LEE, JESSE CHING-WANG, US
[72] FLETCHER, PHILIP, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2003-02-06
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[87] 2002-02-14 (WO2002/012673)
[30] GB (0019380.5) 2000-08-07

[21] **2,418,946**
[13] A1
[51] **Int.Cl. 7A61L 24/04**
[25] EN
[54] **PHARMACEUTICAL FORM COMPRISING A CELL REGULATING FACTOR AND/OR A CELL PROLIFERATION PROMOTER**
[54] **FORME PHARMACEUTIQUE COMPRENANT UN FACTEUR DE REGULATION CELLULAIRE ET/OU UN PROMOTEUR DE PROLIFERATION CELLULAIRE**
[72] COUVREUR, PATRICK, FR
[72] BRETON, PASCAL, FR
[72] FATTAL, ELIAS, FR
[72] MYSIAKINE, EVGUENI, FR
[72] BRU-MAGNIEZ, NICOLE, FR
[71] VIRSOL, FR
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[30] FR (00/10396) 2000-08-07

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[13] A1
[51] **Int.Cl. 7A61M 1/02 7B65G 49/00**
[25] EN
[54] **METHOD AND INSTALLATION FOR AUTOMATIC HANDLING OF BAG SYSTEMS**
[54] **PROCEDE ET INSTALLATION DE MANIPULATION AUTOMATIQUE DE SYSTEMES A POCHE**
[72] VERPOORT, THIERRY, FR
[72] GOUDALIEZ, FRANCIS, FR
[71] MACO PHARMA, FR
[85] 2003-02-06
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[30] FR (00/10534) 2000-08-10

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[13] A1
[51] **Int.Cl. 7A47J 31/08 7A47J 31/44**
[25] FR
[54] **DISPOSITIF POUR LE DOSAGE DU CAFE**
[54] **COFFEE MEASURING DEVICE**
[72] EYRIGNOUX, JEAN-CLAUDE, FR
[72] EYRIGNOUX, CLAUDINE, FR
[71] EYRIGNOUX, CLAUDINE, FR
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[87] 2002-02-28 (WO2002/015759)
[30] FR (00/10788) 2000-08-22

[21] **2,418,949**
[13] A1
[51] **Int.Cl. 7C04B 11/00**
[25] EN
[54] **LIGHTWEIGHT GYPSUM BOARD PRODUCT AND METHOD OF MANUFACTURE**
[54] **PRODUIT EN CARTON-PLATRE LEGER ET PROCEDE DE FABRICATION ASSOCIE**
[72] WELDON, WALTER, US
[72] DOWNS, DAVID, US
[72] BUTLER, STEVEN ROY, US
[71] LAFARGE PLATRES, FR
[85] 2003-02-06
[86] 2001-08-07 (PCT/US2001/041578)
[87] 2002-02-14 (WO2002/012141)
[30] US (60/223,320) 2000-08-07

[21] **2,418,953**
[13] A1
[51] **Int.Cl. 7F16H 59/74 7B60K 17/28**
[25] EN
[54] **APPARATUS FOR ENABLING TRUCK POWER TAKE OFF FUNCTIONALITY DURING AUTO NEUTRAL**
[54] **DISPOSITIF PERMETTANT D'ACTIVER UNE FONCTIONNALITE DE PRISE DE FORCE POUR CAMION AU POINT MORT AUTOMATIQUE**
[72] COE, BARRY J., US
[72] HILAIRE, DANIEL L., US
[72] SHOEMAKER, MICHAEL L., US
[72] BLANCHARD, RONALD L., US
[72] MARSHALL, BRIAN P., US
[72] HORMMANN, MATTHEW W., US
[72] JACOB, JOHN, US
[72] ELLIOTT, CHARLES D., US
[72] BEVERLY, SHAWN E., US
[72] COPELAND, WILLIAM E., US
[72] FOSTER, KIMBERLY D., US
[72] BEIRING, CHRISTOPHER M., US
[71] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC., US
[85] 2003-02-06
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[87] 2002-02-14 (WO2002/012757)
[30] US (60/223,637) 2000-08-08

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[13] A1
[51] **Int.Cl. 7C09J 7/02 7G09F 3/10**
[25] EN
[54] **A LASER-CUTTABLE MULTI-LAYER SHEET MATERIAL**
[54] **MATERIAU EN FEUILLE MULTICOUCHE POUVANT SE COUPER AU LASER**
[72] WEBER, PETER, DE
[72] HERZOG, SILKE, DE
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-02-06
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[87] 2002-02-14 (WO2002/012411)
[30] EP (00116953.1) 2000-08-07

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[13] A1
[51] **Int.Cl. 7B29B 17/00 7C08J 11/04 7B29B 13/10**
[25] EN
[54] **SOLID STATE SHEAR PULVERIZATION OF MULTICOMPONENT POLYMERIC WASTE**
[54] **PULVERISATION PAR CISAILLEMENT A L'ETAT SOLIDE DE DECHETS POLYMERES MULTICOMPOSANTS**
[72] RIDDICK, ERIN G., US
[72] KHAIT, KLEMENTINA, US
[71] MATERIAL SCIENCES CORPORATION, US
[85] 2003-02-06
[86] 2001-08-07 (PCT/US2001/041580)
[87] 2002-02-14 (WO2002/011963)
[30] US (09/635,673) 2000-08-10

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[13] A1
[51] **Int.Cl. 7D21C 5/02**
[25] EN
[54] **FLOTATION DEINKING PROCESS**
[54] **PROCEDE DE DESENCRAGE PAR FLOTTATION**
[72] ROBINSON, PETER, US
[72] LAVERY, HUGH, US
[71] KAO SPECIALTIES AMERICAS, US
[85] 2003-02-06
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[87] 2002-02-14 (WO2002/012618)
[30] US (60/223,414) 2000-08-07

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[13] A1
[51] **Int.Cl. 7A23L 1/20 7A23C 11/10 7A23L 1/211 7A23J 3/34**
[25] EN
[54] **SOY BEVERAGE AND RELATED METHOD OF MANUFACTURE**
[54] **BOISSON A BASE SOJA ET PROCEDE DE FABRICATION ASSOCIE**
[72] NSOFOR, LESLIE M., US
[71] SOY ULTIMA, LLC, US
[85] 2003-02-06
[86] 2001-08-03 (PCT/US2001/024267)
[87] 2002-02-14 (WO2002/011557)
[30] US (09/634,933) 2000-08-08

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[13] A1
[51] **Int.Cl. 7A61F 2/06 7A61B 17/00**
[25] EN
[54] **MYOCARDIAL STENTS**
[54] **STENT MYOCARDIQUE ET METHODES ASSOCIEES DESTINEES A ACHEMINER UN ECOULEMENT DE SANG DIRECTEMENT ENTRE UNE CAVITE CARDIAQUE ET UN VAISSEAU CORONAIRE**
[72] BUCK, JERRICK, US
[72] BRIEFS, NANCY, US
[72] BOEKSTEGERS, PETER, DE
[72] ROTH, LAURENCE A., US
[72] SWAIN, ROBERT, US
[71] PERCARDIA, INC., US
[85] 2003-02-06
[86] 2001-08-06 (PCT/US2001/024334)
[87] 2002-02-14 (WO2002/011647)
[30] US (60/223,424) 2000-08-07

[21] **2,418,960**
[13] A1
[51] **Int.Cl. 7A61K 9/00 7A61K 9/16**
[25] EN
[54] **INHALEABLE SPRAY DRIED 4-HELIX BUNDLE PROTEIN POWDERS HAVING MINIMIZED AGGREGATION**
[54] **POUDRES A INHALER DE PROTEINES EN FAISCEAU A QUATRE HELICES SECHEES PAR ATOMISATION PRESENTANT UNE AGREGATION REDUITE AU MINIMUM**
[72] LESIKAR, DAVID, US
[72] STEVENSON, CYNTHIA, US
[72] HASTEDT, JAYNE E., US
[72] CHIANG, HI-SHI, US
[72] LEHRMAN, S. RUSS, US
[72] CABOT, KIRSTEN, US
[72] BENNETT, DAVID B., US
[72] GONG, DAVID, US
[72] YANG, BING, US
[71] INHALE THERAPEUTIC SYSTEMS, INC., US
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[87] 2002-02-14 (WO2002/011695)
[30] US (60/223,144) 2000-08-07
[30] US (60/228,634) 2000-08-29
[30] US (60/240,478) 2000-10-13

[21] **2,418,963**
[13] A1
[51] **Int.Cl. 7A61K 7/155**
[25] EN
[54] **EPILATORY COMPOSITIONS**
[54] **COMPOSITIONS DEPILATOIRES**
[72] DE LA TORRE, FREDERIC, GB
[72] ACHER, DAVID, GB
[71] RECKITT BENCKISER (UK) LIMITED, GB
[85] 2003-02-06
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[87] 2002-02-14 (WO2002/011687)
[30] GB (0019651.9) 2000-08-10

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[13] A1

[51] **Int.Cl. 7G02B 6/255 7G02B 6/44**
[25] EN
[54] **POST ASSEMBLY METALLIZATION OF A DEVICE**
[54] **METALLISATION POST ASSEMBLAGE D'UN DISPOSITIF**
[72] DURRANT, RICHARD C. E., GB
[72] WARNES, CHRISTOPHER, GB
[71] STRATOS LIGHTWAVE, INC., US
[85] 2003-02-06
[86] 2001-07-10 (PCT/US2001/021690)
[87] 2002-02-14 (WO2002/012937)
[30] US (09/634,079) 2000-08-08

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[13] A1

[51] **Int.Cl. 7F02N 11/08**
[25] EN
[54] **SYSTEM AND METHOD FOR PREVENTING START PINION/GEAR RING ENGAGEMENT DURING SELECTED ENGINE START CONDITIONS**
[54] **SYSTEME ET PROCEDE PERMETTANT D'EVITER L'EMBRAYAGE DU PIGNON DE DEMARRAGE/DE LA COURONNE DENTEE DANS DES CONDITIONS DE DEMARRAGE SELECTIONNEES DU MOTEUR**
[72] BARNHART, BRENT A., US
[72] MARSHALL, BRIAN P., US
[71] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, US
[85] 2003-02-06
[86] 2001-07-12 (PCT/US2001/022333)
[87] 2002-02-14 (WO2002/012721)
[30] US (09/635,813) 2000-08-09

[21] **2,419,000**
[13] A1

[51] **Int.Cl. 7G06F 11/00**
[25] EN
[54] **METHOD AND APPARATUS FOR IMPARTING FAULT TOLERANCE IN A SWITCH OR THE LIKE**
[54] **PROCEDE ET APPAREIL OFFRANT UNE TOLERANCE AUX PANNES DANS UN COMMUTATEUR OU ANALOGUE**
[72] CANTWELL, LARRY J., US
[72] PAUL, HARRY V., US
[71] INRANGE TECHNOLOGIES CORPORATION, US
[85] 2003-02-06
[86] 2001-08-03 (PCT/US2001/022587)
[87] 2002-02-14 (WO2002/013013)
[30] US (60/223,522) 2000-08-07

[21] **2,419,011**
[13] A1

[51] **Int.Cl. 7C14C 3/06 7C14C 3/28**
[25] EN
[54] **TREATMENT OF PART PROCESSED LEATHER**
[54] **TRAITEMENT DE CUIR PARTIELLEMENT TRAITE**
[72] STOSIC, ROD, AU
[71] CLARIANT UK LIMITED, GB
[85] 2003-02-06
[86] 2001-08-07 (PCT/GB2001/003538)
[87] 2002-02-14 (WO2002/012569)
[30] GB (0019296.3) 2000-08-07

[21] **2,419,042**
[13] A1

[51] **Int.Cl. 7A61K 31/70**
[25] FR
[54] **ASSOCIATION D'UNE PURINE ET D'UN AINS POUR LE TRAITEMENT DES DYSFONCTIONS SEXUELLES**
[54] **MEDICINE FOR FIGHTING AGAINST SEXUAL DYSFUNCTION**
[72] PONS-HIMBERT, CATHERINE, FR
[72] STUCKER, OLIVIER, FR
[72] GORNY, PHILIPPE, FR
[71] ADENOMED B.V., NL
[85] 2003-02-07
[86] 2001-08-08 (PCT/FR2001/002579)
[87] 2002-02-14 (WO2002/011665)
[30] FR (00/10435) 2000-08-08

[21] **2,419,044**
[13] A1

[51] **Int.Cl. 7C07H 17/08 7A61P 31/04 7A61K 31/7048**
[25] EN
[54] **MACROLIDE ANTIBIOTICS**
[54] **ANTIBIOTIQUES MACROLIDES**
[72] SU, WEI-GUO, US
[72] CHEN, YAN, US
[71] PFIZER PRODUCTS INC., US
[85] 2003-02-06
[86] 2001-08-06 (PCT/IB2001/001403)
[87] 2002-02-14 (WO2002/012260)
[30] US (60/223,591) 2000-08-07

[21] **2,419,051**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 17/60**
[25] EN
[54] **ONLINE USED CAR INFORMATION RETRIEVAL SYSTEM**
[54] **SYSTEME DE RECHERCHE EN LIGNE D'INFORMATIONS RELATIVES A DES VOITURES D'OCCASION**
[72] SHISHIDO, HIRONOBU, JP
[71] TSUBASA SYSTEM CO., LTD., JP
[85] 2003-02-06
[86] 2001-07-16 (PCT/JP2001/006140)
[87] 2002-02-14 (WO2002/013060)
[30] JP (2000-240066) 2000-08-08

[21] **2,419,065**
[13] A1

[51] **Int.Cl. 7C08G 63/88 7A61K 47/34 7A61K 9/50 7A61K 9/52**
[25] EN
[54] **LACTIC ACID POLYMER AND PROCESS FOR PRODUCING THE SAME**
[54] **POLYMERE D'ACIDE LACTIQUE ET SON PROCEDE DE PREPARATION**
[72] YAMAMOTO, KOHEI, JP
[72] AOKI, TAKASHI, JP
[72] HATA, YOSHIO, JP
[72] TANI, TSUTOMU, JP
[71] WAKO PURE CHEMICAL INDUSTRIES, LTD., JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[85] 2003-02-06
[86] 2001-08-06 (PCT/JP2001/006721)
[87] 2002-02-14 (WO2002/012369)
[30] JP (2000-238051) 2000-08-07

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[21] **2,419,069**
[13] A1

[51] **Int.Cl. 7B22D 11/00 7B22D 11/124 7B22D 11/128**
[25] EN
[54] **METHOD AND STRAND GUIDE FOR SUPPORTING, GUIDING AND COOLING CASTING STRANDS MADE OF STEEL, ESPECIALLY PRELIMINARY SECTIONS FOR GIRDERS**
[54] **PROCEDE ET SYSTEME DE GUIDAGE POUR SOUTENIR, GUIDER ET REFROIDIR DES BARRES DE COULEE EN ACIER, NOTAMMENT DES EBAUCHES DE PROFILS POUR DES POUTRES**
[72] FEST, THOMAS, DE
[72] SCHNEIDER, HEINZ DIETRICH, DE
[72] MILEWSKI, WILFRIED, DE
[72] FISCHER, LOTHAR, DE
[72] LETZEL, DIRK, DE
[72] BROTSKI, HERBERT, DE
[72] ZAJBER, ADOLF GUSTAV, DE
[71] SMS DEMAG AKTIENGESELLSCHAFT, DE
[85] 2003-02-05
[86] 2001-08-07 (PCT/EP2001/009092)
[87] 2003-02-05 (WO2002/011923)
[30] DE (100 39 033.1) 2000-08-10
[30] DE (101 33 093.6) 2001-07-11

[21] **2,419,076**
[13] A1

[51] **Int.Cl. 7B65H 35/00**
[25] EN
[54] **DISPENSER FOR THE AUTOMATED FORWARD FEED AND CUTTING OF A SHEET MATERIAL, PREFERABLY PAPER OR THE LIKE**
[54] **INSTALLATION AUTOMATIQUE DE DISTRIBUTION ET DE COUPE DE PAPIER**
[72] HENRIKSEN, ASBJORN, NO
[71] HENRIKSEN, ASBJORN, NO
[85] 2003-02-06
[86] 2001-08-08 (PCT/NO2001/000334)
[87] 2002-02-14 (WO2002/012103)
[30] NO (20004009) 2000-08-09

[21] **2,419,085**
[13] A1

[51] **Int.Cl. 7F16L 9/08**
[25] EN
[54] **ARRANGEMENT FOR PIPELINES**
[54] **STRUCTURE DE PIPELINES**
[72] SELE, ARNE, NO
[71] AKER RISER SYSTEMS AS, NO
[85] 2003-02-06
[86] 2001-09-17 (PCT/NO2001/000378)
[87] 2002-03-28 (WO2002/025160)
[30] NO (20004783) 2000-09-25

[21] **2,419,097**
[13] A1

[51] **Int.Cl. 7B29C 49/36 7H02K 5/00**
[25] EN
[54] **ROTATINGLY FEEDING DEVICE OF BLOW MOLDING MACHINE**
[54] **DISPOSITIF D'ALIMENTATION PAR ROTATION DE MACHINE DE MOULAGE PAR SOUFFLAGE**
[72] KOBAYASHI, SENTARO, JP
[72] MATSUZAKA, NAOHIDE, JP
[71] A. K. TECHNICAL LABORATORY, INC., JP
[85] 2003-02-06
[86] 2001-09-27 (PCT/JP2001/008467)
[87] 2002-04-11 (WO2002/028620)
[30] JP (2000-301049) 2000-09-29

[21] **2,419,104**
[13] A1

[51] **Int.Cl. 7B29C 49/06 7B29C 49/08**
[25] EN
[54] **STRETCH BLOW CONTAINER AND MOLDING METHOD THEREFOR**
[54] **RECIPIENT SOUFFLE AVEC ETIRAGE ET SONT PROCEDE DE MOULAGE**
[72] HINATA, NAOMICHI, JP
[72] NAKAMURA, YUTAKA, JP
[72] OOISHI, JIN, JP
[72] MOCHIZUKI, TAKEKAZU, JP
[72] YOKOYAMA, ISAMU, JP
[71] A. K. TECHNICAL LABORATORY, INC., JP
[85] 2003-02-06
[86] 2001-09-27 (PCT/JP2001/008468)
[87] 2002-04-11 (WO2002/028619)
[30] JP (2000-301053) 2000-09-29
[30] JP (2001-289840) 2001-09-21

[21] **2,419,109**
[13] A1

[51] **Int.Cl. 7H05B 41/24 7G03B 21/00 7H05B 41/288**
[25] EN
[54] **DISCHARGE LAMP LIGHTING DEVICE AND SYSTEM USING DISCHARGE-LAMP LIGHTING DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE A LAMPE A DECHARGE, ET SYSTEME COMPRENANT CE DISPOSITIF**
[72] KAKIMOTO, YASUHIRO, JP
[72] NOGUCHI, TOSHIYUKI, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2003-02-06
[86] 2002-03-04 (PCT/JP2002/001989)
[87] 2002-11-21 (WO2002/093984)
[30] JP (2001-146208) 2001-05-16

[21] **2,419,123**
[13] A1

[51] **Int.Cl. 7A21B 5/02 7A21D 10/00 7A23P 1/10**
[25] EN
[54] **A PROCESS FOR MAKING A BAKED CUP SHAPED FOOD PRODUCT**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT ALIMENTAIRE CUIT EN FORME DE COUPELLE**
[72] ASLANIS, ROSEMARY STIRLING, NZ
[71] ARTOS INTERNATIONAL LIMITED, NZ
[85] 2003-02-06
[86] 2000-08-04 (PCT/NZ2000/000149)
[87] 2001-02-15 (WO2001/010222)
[30] NZ (337115) 1999-08-06

[21] **2,419,135**
[13] A1

[51] **Int.Cl. 7B65D 41/42 7B65D 41/52 7B65D 41/54**
[25] EN
[54] **CLOSURE CAP LINERS HAVING OXYGEN BARRIER PROPERTIES**
[54] **GARNITURES DE BOUCHON DE FERMETURE DOTEES DE PROPRIETES DE BARRIERE A L'OXYGENE**
[72] CORMACK, RICHARD W., US
[72] BARANOWSKI, THOMAS R., US
[72] TABER, JAMES, US
[71] WHITE CAP, INC., US
[85] 2003-02-06
[86] 2001-07-18 (PCT/US2001/022634)
[87] 2002-02-21 (WO2002/014171)
[30] US (09/638,240) 2000-08-14

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[21] **2,419,136**
[13] A1

[51] **Int.Cl. 7H01M 8/02 7C09D 175/16**
[25] EN
[54] **EPOXY NITRILE INSULATOR AND SEAL FOR FUEL CELL ASSEMBLIES**
[54] **SYSTEME D'ISOLATION ET D'ETANCHEITE A BASE D'EPOXY-NITRILE POUR ENSEMBLES PILE A COMBUSTIBLE**
[72] POPIELAS, FRANK W., US
[72] SHAH, KANU G., US
[72] PERSON, DENNIS F., US
[72] BOLDT, BRENT R., US
[71] DANA CORPORATION, US
[85] 2003-02-06
[86] 2001-08-21 (PCT/US2001/026124)
[87] 2002-02-28 (WO2002/017422)
[30] US (09/644,634) 2000-08-23
[30] US (09/708,965) 2000-11-08

[21] **2,419,137**
[13] A1

[51] **Int.Cl. 7B81B 3/00 7H01H 61/04 7F03G 7/06**
[25] EN
[54] **DIRECT ACTING VERTICAL THERMAL ACTUATOR WITH CONTROLLED BENDING**
[54] **ACTIONNEUR THERMIQUE VERTICAL A ACTION DIRECTE AVEC COURBURE COMMANDEE**
[72] HAMERLY, MICHAEL E., US
[72] SMITH, ROBERT G., US
[72] WEAVER, BILLY L., US
[72] GOETZ, DOUGLAS P., US
[72] THEISS, SILVA K., US
[72] HAGEN, KATHY L., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-02-06
[86] 2001-08-30 (PCT/US2001/027144)
[87] 2002-03-21 (WO2002/022493)
[30] US (09/659,798) 2000-09-12

[21] **2,419,140**
[13] A1

[51] **Int.Cl. 7B63C 9/26**
[25] EN
[54] **A NOVEL LIFE-SAVING DEVICE**
[54] **DISPOSITIF DE SAUVETAGE**
[72] WAHL, MICHAEL, US
[72] DORITY, JOHN B., US
[72] DRISCOL, PAUL K., US
[71] WAHL, MICHAEL, US
[71] DORITY, JOHN B., US
[71] DRISCOL, PAUL K., US
[85] 2003-02-06
[86] 2001-09-20 (PCT/US2001/029470)
[87] 2002-04-04 (WO2002/026557)
[30] US (60/235,265) 2000-09-25

[21] **2,419,144**
[13] A1

[51] **Int.Cl. 7B82B 3/00 7G12B 21/20**
[25] EN
[54] **NANOSCALE MOLECULAR ARRAYER**
[54] **APPAREIL DE FORMATION DE RESEAUX MOLECULAIRES NANOMETRIQUES**
[72] HENDERSON, ERIC, US
[72] MOSHER, CURTIS, US
[71] BIOFORCE NANOSCIENCES, INC., US
[85] 2003-02-06
[86] 2001-08-14 (PCT/US2001/041716)
[87] 2002-07-25 (WO2002/057200)
[30] US (60/225,434) 2000-08-15
[30] US (09/929,865) 2001-08-14

[21] **2,419,146**
[13] A1

[51] **Int.Cl. 7C08L 67/02 7C08L 67/04**
[25] EN
[54] **BIODEGRADABLE POLYMERIC BLEND**
[54] **MELANGE BIODEGRADABLE DE POLYMERES**
[72] FRIEDEK, WOLFGANG, DE
[72] VOGT, PETRA, DE
[72] LOERCKS, JURGEN, DE
[72] SCHMIDT, HARALD, DE
[71] BIO-TEC BIOLOGISCHE NATURVERPACKUNGEN GMBH & CO. KG, DE
[85] 2003-02-06
[86] 2001-08-07 (PCT/IB2001/001407)
[87] 2003-02-06 (WO2002/014430)
[30] CH (1568/00) 2000-08-11
[30] CH (1747/00) 2000-09-07

[21] **2,419,150**
[13] A1

[51] **Int.Cl. 7H04M 11/00**
[25] EN
[54] **VOICE AND TEXT TRANSMISSION SYSTEM**
[54] **SYSTEME DE TRANSMISSION DE VOIX ET DE TEXTE**
[72] JAVENS, JEFFREY, US
[72] COLWELL, KEVIN, US
[72] VITEK, TROY, US
[72] GRITTFNER, KURT, US
[72] ENGELKE, ROBERT M., US
[72] MCCULLEY, MATTHEW, US
[72] HOFSTETTER, DEAN, US
[71] ULTRATEC, INC., US
[85] 2003-02-06
[86] 2002-06-06 (PCT/US2002/018156)
[87] 2002-12-12 (WO2002/100084)
[30] US (09/876,340) 2001-06-07

[21] **2,419,266**
[13] A1

[51] **Int.Cl. 7C07D 401/14 7A61P 25/06 7C07D 403/14 7A61P 25/18 7A61P 25/28 7A61K 31/4045 7A61K 31/4523**
[25] EN
[54] **4-, 5-, 6- AND 7-INDOLE DERIVATIVES USEFUL FOR THE TREATMENT OF CNS DISORDERS**
[54] **DERIVES 4-, 5-, 6- ET 7-INDOLIQUES UTILES DANS LE TRAITEMENT DE TROUBLES DU SYSTEME NERVEUX CENTRAL**
[72] BANG-ANDERSEN, BENNY, DK
[72] KEHLER, JAN, DK
[71] H. LUNDBECK A/S, DK
[85] 2003-02-11
[86] 2001-08-17 (PCT/DK2001/000547)
[87] 2002-02-28 (WO2002/016349)
[30] DK (PA 2000 01229) 2000-08-18

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[21] **2,419,272**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR DEVELOPING A FARM MANAGEMENT PLAN FOR PRODUCTION AGRICULTURE**
[54] **SYSTEME ET PROCEDE DE MISE AU POINT D'UN PLAN DE GESTION D'EXPLOITATION AGRICOLE POUR L'AGRICULTURE PRODUCTIVE**
[72] SCHNEIDER, GARY M., US
[71] DEERE & COMPANY, US
[85] 2003-02-11
[86] 2001-08-21 (PCT/US2001/026051)
[87] 2002-02-28 (WO2002/017540)
[30] US (60/226,857) 2000-08-22
[30] US (09/934,257) 2001-08-21

[21] **2,419,273**
[13] A1
[51] **Int.Cl. 7C11D 3/37 7C08J 9/30**
[25] EN
[54] **PROCESS FOR MAKING A FOAM COMPONENT**
[54] **PROCEDE DE FABRICATION DE PRODUITS EN MOUSSE**
[72] DUFTON, DANIEL JAMES, GB
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-02-11
[86] 2001-09-07 (PCT/IB2001/001623)
[87] 2002-03-21 (WO2002/022771)
[30] GB (0022525.0) 2000-09-13

[21] **2,419,277**
[13] A1
[51] **Int.Cl. 7F16G 5/06 7F16G 5/20**
[25] EN
[54] **POWER TRANSMISSION BELT HAVING HIGH MODULUS ADHESIVE RUBBER MEMBER**
[54] **COURROIE DE TRANSMISSION D'ENERGIE COMPORTANT UN ELEMENT EN CAOUTCHOUC ADHESIF A MODULE ELEVE**
[72] SOUTH, BOBBIE E., US
[71] THE GATES CORPORATION, US
[85] 2003-02-11
[86] 2001-08-17 (PCT/US2001/025895)
[87] 2002-02-28 (WO2002/016801)
[30] US (60/226,138) 2000-08-18

[21] **2,419,279**
[13] A1
[51] **Int.Cl. 7C07D 211/42 7A61P 25/28 7A61K 31/445 7C07F 9/59**
[25] EN
[54] **PRODRUGS TO NMDA RECEPTOR LIGANDS**
[54] **PROMEDICAMENTS POUR LES LIGANDS DU RECEPTEUR NMDA**
[72] JAESCHKE, GEORG, CH
[72] PINARD, EMMANUEL, FR
[72] WYLER, RENE, CH
[72] ALANINE, ALEXANDER, FR
[72] FISHER, HOLGER, CH
[72] BUETTELMMANN, BERND, DE
[72] HUWYLER, JOERG, CH
[72] HEITZ NEIDHART, MARIE-PAULE, FR
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2003-02-11
[86] 2001-08-20 (PCT/EP2001/009561)
[87] 2002-02-28 (WO2002/016321)
[30] EP (00117918.3) 2000-08-21

[21] **2,419,280**
[13] A1
[51] **Int.Cl. 7C11D 17/04 7C11D 3/06 7C11D 3/20 7C11D 3/37**
[25] EN
[54] **WATER-SOLUBLE PACKAGES CONTAINING LIQUID COMPOSITIONS**
[54] **EMBALLAGES HYDROSOLUBLES A COMPOSITIONS LIQUIDES**
[72] KAISER, ROGER, DE
[72] GUZMANN, MARCUS, DE
[72] WIEDEMANN, RALF, DE
[71] RECKITT BENCKISER N.V., NL
[71] RECKITT BENCKISER (UK) LIMITED, GB
[85] 2003-02-11
[86] 2001-08-23 (PCT/GB2001/003821)
[87] 2002-02-28 (WO2002/016541)
[30] GB (0020965.0) 2000-08-25
[30] GB (0021112.8) 2000-08-25
[30] GB (0021113.6) 2000-08-25
[30] GB (0025541.4) 2000-10-18
[30] GB (0025542.2) 2000-10-18

[21] **2,419,287**
[13] A1
[51] **Int.Cl. 7G06K 7/10 7G06K 13/06 7G06K 15/12**
[25] EN
[54] **SCANNER WITH WAVEGUIDE FOR SCANNING PAPER CURRENCY**
[54] **DISPOSITIF DE BALAYAGE EQUIPE D'UN GUIDE D'ONDE DESTINE A BALAYER DU PAPIER-MONNAIE**
[72] SHIE, RICK L., US
[72] HOSSEINI, ABBAS, US
[72] SAVANT, GAJENDRA D., US
[72] WANG, SAN ZHUANG, US
[71] PHYSICAL OPTICS CORPORATION, US
[85] 2003-02-11
[86] 2001-08-14 (PCT/US2001/041704)
[87] 2002-02-28 (WO2002/017217)
[30] US (09/641,216) 2000-08-18

[21] **2,419,290**
[13] A1
[51] **Int.Cl. 7A61K 9/20 7A61K 47/10 7A61K 47/26**
[25] EN
[54] **QUICK-DISINTEGRATING TABLET IN THE BUCCAL CAVITY AND MANUFACTURING METHOD THEREOF**
[54] **COMPRIMES A DESINTEGRATION RAPIDE DANS LA CAVITE BUCCAL ET PROCEDE DE PRODUCTION DESDITS COMPRIMES**
[72] MIZUMOTO, TAKAO, JP
[72] MASUDA, YOSHINORI, JP
[72] TAKAISHI, YUUKI, JP
[71] YAMANOUCHI PHARMACEUTICAL CO. LTD., JP
[85] 2003-02-11
[86] 2002-05-08 (PCT/JP2002/004481)
[87] 2003-02-11 (WO2002/092057)
[30] US (60/290,300) 2001-05-10

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[21] **2,419,292**
[13] A1

[51] **Int.Cl. 7B60K 11/04 7E02F 9/00**
[25] EN
[54] **COVER STRUCTURE FOR CONSTRUCTION MACHINE COOLING PACKAGE**
[54] **STRUCTURE DE COUVERCLE DESTINEE A UN ENSEMBLE DE REFROIDISSEMENT D'UNE MACHINE DE CHANTIER**
[72] DOI, TSUYOSHI, JP
[72] NISHIKAWA, AKITOSHI, JP
[72] NAKAJIMA, NORIO, JP
[72] DOHKE, NAOTAKA, JP
[72] TAKEMOTO, YUKI, JP
[72] TAKEUCHI, SHIGEMI, JP
[72] TAKANO, KAZUAKI, JP
[72] IIZASA, TOSHIHARU, JP
[71] SHIN CATERPILLAR MITSUBISHI LTD., JP
[85] 2003-02-11
[86] 2002-06-21 (PCT/JP2002/006231)
[87] 2003-02-11 (WO2003/002364)
[30] JP (2001-195361) 2001-06-27

[21] **2,419,293**
[13] A1

[51] **Int.Cl. 7H01B 3/30 7B32B 15/08 7B32B 27/38**
[25] EN
[54] **METAL BONDING FILM COMPOSITIONS**
[54] **COMPOSITIONS DE FILM POUR LA LIAISON AVEC DES METAUX**
[72] GUILBERT, C. CAROL, US
[72] GARCIA-RAMIREZ, RAFAEL, US
[72] MAHONEY, DAVID V., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-02-11
[86] 2001-03-13 (PCT/US2001/002360)
[87] 2002-03-21 (WO2002/023556)
[30] US (09/661,673) 2000-09-14

[21] **2,419,299**
[13] A1

[51] **Int.Cl. 7B65D 81/24 7B65D 77/20**
[25] EN
[54] **FOAMED POLYESTERS FOR IRRADIATED STERILIZATION PACKAGING**
[54] **POLYESTERS EXPANSES POUR CONDITIONNEMENT D'ARTICLES STERILISES PAR IRRADIATION**
[72] BEST, JEFFREY GLENN, US
[72] MCCONNELL, RICHARD LEON, US
[72] BOONE, GARY DARREL, US
[71] EASTMAN CHEMICAL COMPANY, US
[85] 2003-02-10
[86] 2001-08-09 (PCT/US2001/024977)
[87] 2002-02-28 (WO2002/015725)
[30] US (09/642,205) 2000-08-18

[21] **2,419,355**
[13] A1

[51] **Int.Cl. 7H01B 13/14 7B29C 47/02**
[25] EN
[54] **METHOD AND APPARATUS FOR PRE-HEATING THE CONDUCTOR ELEMENTS OF CABLES WITH EXTRUDED INSULATOR, IN PARTICULAR CONDUCTORS WITH METAL TAPE REINFORCEMENT**
[54] **PROCEDE ET APPAREIL POUR PRECHAUFFER LES ELEMENTS CONDUCTEURS DE CABLES AVEC UN ISOLANT EXTRUDE, EN PARTICULIERS DE CONDUCTEURS COMPORTANT UN RENFORCEMENT PAR BANDE METALLIQUE**
[72] DEL BRENNIA, MARCELLO, AU
[72] POZZATI, GIOVANNI, FR
[72] SALA, ANGELO, IT
[72] DELL'ANNA, GAIA, IT
[72] VEGGETTI, PAOLO, IT
[71] PIRELLI S.P.A., IT
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[87] 2002-02-21 (WO2002/015205)
[30] EP (00202853.8) 2000-08-14
[30] US (60/225,309) 2000-08-15

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[25] EN
[54] **RUTHENIUM COMPLEXES CONTAINING CARBOIDS**
[54] **COMPLEXES DE RUTHENIUM CONTENANT DES CARBENOIDES**
[72] STUEER, WOLFRAM, DE
[72] KARL, JORN, DE
[72] WOLF, JUSTIN, DE
[72] WERNER, HELMUT, DE
[72] JUNG, STEFAN, DE
[72] ROPER, MICHAEL, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2003-02-10
[86] 2001-08-10 (PCT/EP2001/009295)
[87] 2003-02-10 (WO2002/014336)
[30] DE (100 39 389.6) 2000-08-11

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[13] A1

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[25] EN
[54] **MULTILAYER POLYMERIC/INORGANIC OXIDE STRUCTURE FOR ENHANCED GAS OR VAPOR BARRIER**
[54] **STRUCTURE D'OXYDE POLYMERIQUE/INORGANIQUE MULTICOUCHE REVETUE D'UNE COUCHE DE FINITION AMELIORANT LA PERMEABILITE AUX GAZ OU A LA VAPEUR, ET PROCEDE DE PRODUCTION DE LADITE STRUCTURE**
[72] BUDKE, ELISABETH, DE
[72] GRIMM, HELMUT, DE
[72] GEBELE, THOMAS, DE
[72] SHI, YU, US
[72] RULE, MARK, US
[71] THE COCA COLA COMPANY, US
[85] 2003-02-10
[86] 2001-08-22 (PCT/US2001/026147)
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[30] US (09/645,639) 2000-08-24

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[13] A1

[51] **Int.Cl. 7A61L 27/36 7A61F 2/28**
[25] EN
[54] **METHOD FOR DEHYDRATING BONE FOR IMPLANTATION**
[54] **PROCEDE CONSISTANT A ELIMINER L'EAU ASSOCIEE A UN OS TOUT EN DIMINUANT LES CHANGEMENTS DIMENSIONNELS ASSOCIES A LA LYOPHILISATION**
[72] BOYCE, TODD M., US
[71] OSTEOTECH, INC., US
[85] 2003-02-10
[86] 2001-08-24 (PCT/US2001/026603)
[87] 2002-02-28 (WO2002/015688)
[30] US (09/644,614) 2000-08-24

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[25] EN
[54] **USE OF HYDROXYEICOSATETRAENOIC ACID DERIVATIVES IN INTRAOCULAR SURGERY**
[54] **UTILISATION DE DERIVES D'ACIDE HYDROXYEICOSATETRANOIQUE (HETE) DANS LA CHIRURGIE INTRA-OCULAIRE**
[72] KARAKELLE, MUTLU, US
[72] CHAN, KWAN, US
[71] ALCON, INC., CH
[85] 2003-02-11
[86] 2001-09-27 (PCT/US2001/030212)
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[30] US (60/242,501) 2000-10-23

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[25] EN
[54] **METHOD OF FORMING ANTIREFLECTIVE COATINGS**
[54] **PROCEDE DE FORMATION DE REVETEMENTS ANTIREFLECHISSANTS**
[72] BUAZZA, OMAR M., US
[72] SUN, XIAODONG, US
[71] Q2100, INC., US
[85] 2003-02-10
[86] 2001-06-08 (PCT/US2001/018637)
[87] 2001-12-13 (WO2001/095017)
[30] US (09/590,784) 2000-06-08

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[25] EN
[54] **SARATIN FOR INHIBITING PLATELET ADHESION TO COLLAGEN**
[54] **NOUVEAU MECANISME SPECIFIQUE PERMETTANT D'INHIBER UNE ADHESION DES PLAQUETTES AU COLLAGENE**
[72] FRECH, MATTHIAS, DE
[72] BARNES, CHRISTOPHER, DE
[72] HOFMANN, UWE, DE
[72] GLEITZ, JOHANNES, DE
[72] STRITTMATTER, WOLFGANG, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRAENKTER HAFTUNG, DE
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[13] A1

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[25] EN
[54] **HIGH SPEED BAGGAGE DIVERTER**
[54] **DEVIATEUR GRANDE VITESSE POUR BAGAGES**
[72] PEPPEL, GEORG W., US
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2003-02-07
[86] 2001-08-07 (PCT/EP2001/009117)
[87] 2002-02-21 (WO2002/014193)
[30] US (60/224,621) 2000-08-11

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[13] A1

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[25] EN
[54] **TETRAZOLYL-PHENYL ACETAMIDE GLUCOKINASE ACTIVATORS**
[54] **TETRAZOLYL-PHENYL ACETAMIDES ACTIVEURS DE LA GLUCOKINASE**
[72] SIDDURI, ACHYUTHARAO, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2003-02-07
[86] 2001-08-09 (PCT/EP2001/009207)
[87] 2002-02-21 (WO2002/014312)
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[13] A1

[51] **Int.Cl. 7A61K 9/16 7A61K 47/04 7A61K 47/10 7A61K 47/14 7A61K 31/4365 7A61K 31/497**
[25] EN
[54] **MEDICINAL COMPOSITION**
[54] **COMPOSITION MEDICINALE**
[72] KOBAYASHI, HIDEO, JP
[72] IKETANI, MICHIKO, JP
[72] KIKUCHI, HIROSHI, JP
[71] DAIICHI PHARMACEUTICAL CO., LTD., JP
[85] 2003-02-07
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[30] JP (2000-283565) 2000-09-19

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[13] A1

[51] **Int.Cl. 7C09D 5/08**
[25] EN
[54] **RUST PREVENTIVE COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT PREVENTIF CONTRE LA ROUILLE**
[72] MORADIAN, E., US
[71] MORADIAN, E., US
[85] 2003-02-07
[86] 2001-06-28 (PCT/US2001/016506)
[87] 2002-02-21 (WO2002/014441)
[30] US (09/635,668) 2000-08-10

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[13] A1

[51] **Int.Cl. 7B25B 5/02**
[25] EN
[54] **QUICK ACTION CLAMP**
[54] **PINCE RAPIDE**
[72] MARKS, JOEL S., US
[71] WORKTOOLS, INC., US
[85] 2003-02-07
[86] 2001-07-31 (PCT/US2001/023963)
[87] 2002-02-21 (WO2002/014020)
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[25] EN
[54] **BIOREACTOR AND**
BIOPROCESSING TECHNIQUE
[54] **BIOREACTEUR ET PROCÉDE**
BIOTECHNOLOGIQUE
[72] RAO, GOVIND, US
[71] UNIVERSITY OF MARYLAND AT
BALTIMORE COUNTY, US
[71] UNIVERSITY OF MARYLAND
BIOTECHNOLOGY INSTITUTE, US
[85] 2003-02-12
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[30] US (60/225,108) 2000-08-14

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[13] A1
[51] **Int.Cl. 7C08K 5/00**
[25] EN
[54] **THERMOPLASTIC HYDROPHILIC**
POLYMERIC COMPOSITIONS WITH
IMPROVED ADHESIVE PROPERTIES
FOR MOISTURE VAPOUR
PERMEABLE STRUCTURES
[54] **COMPOSITIONS POLYMERES**
THERMOPLASTIQUES
HYDROPHILES AUX PROPRIETES
ADHESIVES AMELIOREES POUR
STRUCTURES PERMEABLES A LA
VAPEUR D'EAU
[72] CORZANI, ITALO, IT
[72] RUSSO, ELISABETTA, IT
[71] THE PROCTER & GAMBLE
COMPANY, US
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[87] 2002-02-21 (WO2002/014417)
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[13] A1
[51] **Int.Cl. 7B01J 31/00 7C07F 15/00**
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[25] EN
[54] **RECYCLABLE METATHESIS**
CATALYSTS
[54] **CATALYSEURS DE METATHÈSE**
RECYCLABLES
[72] KINGSBURY, JASON, US
[72] GARBER, STEVEN, US
[72] GRAY, BRIAN LAWRENCE, US
[72] FOURKAS, JOHN T., US
[72] HOVEYDA, AMIR H., US
[71] THE TRUSTEES OF BOSTON
CILLEGE, US
[85] 2003-02-07
[86] 2001-08-09 (PCT/US2001/024955)
[87] 2002-02-21 (WO2002/014376)
[30] US (60/224,305) 2000-08-10
[30] US (60/264,361) 2001-01-26

[21] **2,419,658**
[13] A1
[51] **Int.Cl. 7C12P 7/08 7C13K 1/02**
[25] EN
[54] **ETHANOL PRODUCTION WITH**
DILUTE ACID HYDROLYSIS USING
PARTIALLY DRIED
LIGNOCELLULOSICS
[54] **PRODUCTION D'ETHANOL PAR**
HYDROLYSE D'ACIDE DILUE AU
MOYEN DE COMPOSES
LIGNOCELLULOSIQUES SECHES
[72] TUCKER, MELVIN P., US
[72] NGUYEN, QUANG A., US
[72] KELLER, FRED A., US
[71] MIDWEST RESEARCH INSTITUTE,
US
[85] 2003-02-05
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[87] 2002-03-07 (WO2002/018610)
[30] US (09/634,978) 2000-08-09

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[13] A1
[51] **Int.Cl. 7G09G 3/36 7G06F 19/00**
7G02F 1/1347 7G09G 5/397
[25] EN
[54] **DATA DISPLAY FOR MULTIPLE**
LAYERED SCREENS
[54] **AFFICHAGE DE DONNEES**
DESTINE A DES ECRANS A
PLUSIEURS NIVEAUX
[72] WITEHIRA, PITA, NZ
[72] ENGEL, GABRIEL DAMON, NZ
[71] DEEP VIDEO IMAGING LIMITED,
NZ
[85] 2003-02-11
[86] 2000-08-18 (PCT/NZ2000/000162)
[87] 2001-03-01 (WO2001/015128)
[30] NZ (337333) 1999-08-19

[21] **2,419,733**
[13] A1
[51] **Int.Cl. 7A63F 13/00**
[25] EN
[54] **PRIZE AWARDING SYSTEM**
[54] **SYSTEME D'ATTRIBUTION DE**
PRIX
[72] JOHNSON, STEVEN BRIAN, AU
[71] NEURIZON PTY LTD, AU
[85] 2003-02-07
[86] 2000-08-09 (PCT/AU2000/000948)
[87] 2001-02-15 (WO2001/010523)
[30] AU (43453/99) 1999-08-09

[21] **2,419,778**
[13] A1
[51] **Int.Cl. 7B21D 53/04 7B21D 39/04**
7F28F 3/14 7F24J 2/20
[25] EN
[54] **HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR**
[72] ROTH, MAX, CH
[71] ROTH, MAX, CH
[85] 2003-02-05
[86] 2000-08-16 (PCT/CH2000/000434)
[87] 2003-02-05 (WO2001/014080)
[30] CH (1526/99) 1999-08-20

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[13] A1

[51] **Int.Cl. 7D21H 13/50 7H01M 8/02 7D21H 13/48 7H01M 4/66**
[25] EN
[54] **ELECTRICAL CONDUCTIVE SUBSTRATE**
[54] **TEXTILE NON TISSE A CONDUCTION ELECTRIQUE**
[72] LAMBERT, DAVID R., US
[72] SEGIT, PAUL N., US
[71] LYDALL, INC., US
[85] 2003-02-11
[86] 2001-09-10 (PCT/US2001/042110)
[87] 2002-03-21 (WO2002/022952)
[30] US (60/231,951) 2000-09-12

[21] **2,419,796**
[13] A1

[51] **Int.Cl. 7H04L 12/28**
[25] EN
[54] **METHODS AND APPARATUS FOR IDENTIFYING ASSET LOCATION IN COMMUNICATION NETWORKS**
[54] **PROCEDES ET APPAREIL D'IDENTIFICATION DE BIENS DANS DES RESEAUX DE COMMUNICATION**
[72] GOREN, DAVID, US
[72] HOOK, CHRISTOPHER D., US
[71] SYMBOL TECHNOLOGIES, INC., US
[85] 2003-02-11
[86] 2001-11-14 (PCT/US2001/042938)
[87] 2002-05-23 (WO2002/041504)
[30] US (60/248,357) 2000-11-14
[30] US (60/270,254) 2001-02-20

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[13] A1

[51] **Int.Cl. 7C01B 15/029 7C01B 15/013**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF HYDROGEN PEROXIDE**
[54] **PROCEDE DE PRODUCTION DE PEROXIDE D'HYDROGENE**
[72] PAPANATTO, GIUSEPPE, IT
[72] RIVETTI, FRANCO, IT
[72] ANDRIGO, PIETRO, IT
[72] ROMANO, UGO, IT
[72] DE ALBERTI, GIORDANO, IT
[71] POLIMERI EUROPA S.P.A., IT
[71] ENI S.P.A., IT
[85] 2003-02-07
[86] 2001-08-03 (PCT/EP2001/009039)
[87] 2002-02-21 (WO2002/014217)
[30] IT (MI2000A001881) 2000-08-11

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[13] A1

[51] **Int.Cl. 7G02F 1/025**
[25] EN
[54] **AN ELECTRO-OPTIC DEVICE**
[54] **DISPOSITIF ELECTRO-OPTIQUE**
[72] DAY, IAN EDWARD, GB
[71] BOOKHAM TECHNOLOGY PLC, GB
[85] 2003-02-10
[86] 2001-08-08 (PCT/GB2001/003569)
[87] 2002-02-21 (WO2002/014935)
[30] GB (0019771.5) 2000-08-11

[21] **2,419,852**
[13] A1

[51] **Int.Cl. 7H04B 10/18 7H04B 10/213**
[25] EN
[54] **OPTICAL ADD DROP AND DISPERSION COMPENSATION APPARATUS**
[54] **DISPOSITIF OPTIQUE D'INSERTION-EXTRACTION ET DE COMPENSATION DE DISPERSION**
[72] LEISCHING, PATRICK, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2003-02-07
[86] 2000-08-10 (PCT/EP2000/007810)
[87] 2002-02-14 (WO2002/013425)

[21] **2,419,988**
[13] A1

[51] **Int.Cl. 7H04N 7/26 7H04N 5/14**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSFERRING VIDEO FRAME IN TELECOMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL PERMETTANT LA TRANSMISSION D'IMAGES VIDEO DANS UN SYSTEME DE TELECOMMUNICATION**
[72] LAINEMA, JANI, US
[71] NOKIA CORPORATION, FI
[85] 2003-02-10
[86] 2000-08-11 (PCT/FI2000/000686)
[87] 2002-02-21 (WO2002/015585)

[21] **2,420,014**
[13] A1

[51] **Int.Cl. 7H01M 8/06 7C25B 1/00 7C01G 31/00 7H01M 8/18**
[25] EN
[54] **VANADIUM ELECTROLYTE PREPARATION USING ASYMMETRIC VANADIUM REDUCTION CELLS AND USE OF AN ASYMMETRIC VANADIUM REDUCTION CELL FOR REBALANCING THE STATE OF CHARGE OF THE ELECTROLYTES OF AN OPERATING VANADIUM REDOX BATTERY**
[54] **PREPARATION D'UN ELECTROLYTE AU VANADIUM AU MOYEN DE CELLULES DE REDUCTION DU VANADIUM ASYMETRIQUES ET UTILISATION D'UNE CELLULE DE REDUCTION DU VANADIUM ASYMETRIQUE POUR REEQUILIBRER L'ETAT DE CHARGE DES ELECTROLYTES D'UN ACCUMULATEUR REDOX AU VANADIUM EN FONCTIONNEMENT**
[72] PELLEGGRI, ALBERTO, IT
[72] BROMAN, BARRY MICHAEL, US
[71] SQUIRREL HOLDINGS LTD., GB
[85] 2003-02-11
[86] 2000-08-16 (PCT/IT2000/000342)
[87] 2002-02-21 (WO2002/015317)

[21] **2,420,032**
[13] A1

[51] **Int.Cl. 7A61K 9/00**
[25] EN
[54] **ORAL DELIVERY OF PEPTIDE**
[54] **PEPTIDE A ADMINISTRATION PER OS**
[72] AN, HEUNG-MAN, KR
[72] CHA, MIN-JONG, KR
[72] KIM, HACK-JOO, KR
[71] HYUNDAI PHARMACEUTICAL IND. CO., LTD, KR
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[86] 2000-08-11 (PCT/KR2000/000892)
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[13] A1

[51] **Int.Cl. 7B60F 3/00 7B62D 61/12 7B60G 3/14**
[25] EN
[54] **SUSPENSION SYSTEM**
[54] **SYSTEME DE SUSPENSION**
[72] ROYLE, DAVID ALBERT CYRIL, GB
[71] COVELINK MARINE LIMITED, GB
[71] BRITISH WATERWAYS BOARD, GB
[85] 2003-02-07
[86] 2001-08-22 (PCT/GB2001/003781)
[87] 2002-02-28 (WO2002/016152)
[30] GB (0020679.7) 2000-08-23

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[13] A1

[51] **Int.Cl. 7A23L 1/304**
[25] EN
[54] **SELENIUM DIET SUPPLEMENT**
[54] **SUPPLEMENT DIETETIQUE AU SELENIUM**
[72] THOMPSON, LEIF H., US
[71] THOMPSON ANIMAL SYSTEMS, INC., US
[85] 2003-02-06
[86] 2000-12-18 (PCT/US2000/034225)
[87] 2002-02-21 (WO2002/013632)
[30] US (09/636,331) 2000-08-10

[21] **2,420,084**
[13] A1

[51] **Int.Cl. 7A01K 7/00 7A01K 7/02**
[25] EN
[54] **ANIMAL WATERING APPARATUS**
[54] **DISPOSITIF D'APPORT D'EAU POUR ANIMAL**
[72] BUNKER, PETER NOEL, NZ
[71] TROFFTOP PRODUCTS LIMITED, NZ
[85] 2003-02-07
[86] 2000-08-07 (PCT/NZ2000/000150)
[87] 2002-02-14 (WO2002/011525)

[21] **2,420,066**
[13] A1

[51] **Int.Cl. 7A61K 31/70 7A61P 15/00 7A61K 31/60**
[25] FR
[54] **ASSOCIATION, D'UNE PURINE ET D'UN AINS POUR LE TRAITEMENT DES DYSFONCTIONS SEXUELLES**
[54] **USE, IN COMBINATION, OF A PURINE ACTIVITY AND A NONSTEROIDAL ANTI-INFLAMMATORY DRUG FOR PREPARING AN ANTI-THROMBOTIC AND/OR ANTI-INFLAMMATORY DRUG**
[72] GORNY, PHILIPPE, FR
[72] MAILLIARD, BERTRAND, FR
[71] ADENOMED B.V., NL
[85] 2003-02-07
[86] 2001-08-08 (PCT/FR2001/002580)
[87] 2002-02-14 (WO2002/011735)
[30] FR (00/10435) 2000-08-08

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[13] A1

[51] **Int.Cl. 7G09G 5/08 7G02B 27/22**
[25] EN
[54] **CONTROL OF DEPTH MOVEMENT FOR VISUAL DISPLAY WITH LAYERED SCREENS**
[54] **COMMANDE DU MOUVEMENT DE PROFONDEUR D'AFFICHAGES VISUELS A ECRANS MULTIDIMENSIONNELS**
[72] WITEHIRA, PITA, NZ
[72] ENGEL, GABRIEL DAMON, NZ
[71] DEEP VIDEO IMAGING LIMITED, NZ
[85] 2003-02-11
[86] 2000-08-18 (PCT/NZ2000/000160)
[87] 2001-03-01 (WO2001/015132)
[30] NZ (337332) 1999-08-19

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[13] A1

[51] **Int.Cl. 7H01M 4/02 7H01M 4/04 7H01M 4/38 7H01M 10/40 7H01M 4/62 7H01M 4/66**
[25] EN
[54] **NEGATIVE ELECTRODE FOR LITHIUM SECONDARY CELL AND METHOD FOR PRODUCING THE SAME**
[54] **ELECTRODE NEGATIVE POUR ACCUMULATEUR AU LITHIUM ET PROCEDE DE PRODUCTION**
[72] FUJITANI, SHIN, JP
[72] FUJIMOTO, MASAHISA, JP
[72] NAKAMURA, HIROSHI, JP
[72] FUKUI, ATSUSHI, JP
[72] KUSUMOTO, YASUYUKI, JP
[72] HASHIMOTO, TAKUYA, JP
[71] SANYO ELECTRIC CO., LTD., JP
[85] 2003-02-10
[86] 2001-08-31 (PCT/JP2001/007519)
[87] 2003-02-10 (WO2002/021616)
[30] JP (2000-265900) 2000-09-01
[30] JP (2000-265901) 2000-09-01
[30] JP (2000-401501) 2000-12-28
[30] JP (2001-254261) 2001-08-24

[21] **2,420,078**
[13] A1

[51] **Int.Cl. 7B65H 35/00 7B65D 5/36**
[25] EN
[54] **ASYMMETRICAL CARTON FOR ROLLED SHEET MATERIALS**
[54] **CARTONNAGE ASYMETRIQUE POUR ROULEAUX DE MATERIAUX EN FEUILLE**
[72] WAHL, KENT ROBERT, US
[72] NEWBY, STEPHEN KREG, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-02-05
[86] 2000-08-08 (PCT/US2000/021591)
[87] 2002-02-14 (WO2002/012104)

[21] **2,420,082**
[13] A1

[51] **Int.Cl. 7G09G 3/36 7G06F 19/00 7G02F 1/1347 7G09G 5/397**
[25] EN
[54] **DISPLAY METHOD FOR MULTIPLE LAYERED SCREENS**
[54] **PROCEDE D'AFFICHAGE POUR ECRANS MULTICOUCHES**
[72] WITEHIRA, PITA, NZ
[72] ENGEL, GABRIEL DAMON, NZ
[71] DEEP VIDEO IMAGING LIMITED, NZ
[85] 2003-02-11
[86] 2000-08-18 (PCT/NZ2000/000161)
[87] 2001-03-01 (WO2001/015127)
[30] NZ (337334) 1999-08-19

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[13] A1

[51] **Int.Cl. 7C08K 5/3437 7G02B 5/12 7C09B 5/62**
[25] EN
[54] **FLUORESCENT RED ARTICLE AND RETROREFLECTIVE ARTICLE MADE THEREFROM**
[54] **ARTICLE ROUGE FLUORESCENT ET ARTICLE RETROREFLECHISSANT FABRIQUE A PARTIR DE CELUI-CI**
[72] PAVELKA, LEE A., US
[72] BERGESON, DAVID L., US
[72] CHRYSLER, SUSAN, US
[72] BURNS, DAVID L., US
[72] KLEIN, DEANA A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-02-10
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[87] 2002-03-21 (WO2002/022727)
[30] US (09/659,896) 2000-09-12

[21] **2,420,166**
[13] A1

[51] **Int.Cl. 7A61B 17/12**
[25] EN
[54] **INTRAVASCULAR DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION INTRAVASCULAIRE**
[72] KURZ, DANIEL R., US
[71] MICRUS CORPORATION, US
[85] 2003-02-10
[86] 2000-08-10 (PCT/US2000/021928)
[87] 2002-02-21 (WO2002/013705)

[21] **2,420,195**
[13] A1

[51] **Int.Cl. 7B44C 1/16**
[25] EN
[54] **METHOD OF COLOR ACCENTUATION**
[54] **PROCEDE D'ACCENTUATION DE COULEUR**
[72] SMITH, PAUL REED, US
[71] PAUL REED SMITH GUITARS, LIMITED PARTNERSHIP (MARYLAND), US
[85] 2003-02-11
[86] 2001-08-17 (PCT/US2001/025654)
[87] 2002-02-28 (WO2002/017229)
[30] US (60/226,009) 2000-08-18

[21] **2,420,203**
[13] A1

[51] **Int.Cl. 7A61M 29/02 7B29C 45/16**
[25] EN
[54] **PROCESS FOR IMPROVING INTERFACIAL ADHESION IN A LAMINATE**
[54] **PROCEDE D'AMELIORATION D'ADHERENCE INTERFACIALE DANS UN STRATIFIE**
[72] WATKINS, RICHARD L., US
[71] NIKE INTERNATIONAL, LTD., US
[85] 2003-02-05
[86] 2001-11-01 (PCT/US2001/045398)
[87] 2002-05-10 (WO2002/036196)
[30] US (09/704,881) 2000-11-02

[21] **2,420,210**
[13] A1

[51] **Int.Cl. 7C07D 498/04**
[25] EN
[54] **STEREOSELECTIVE PROCESS FOR PREPARING CYCLOHEXYLAMINE DERIVATIVES**
[54] **PROCEDE STEREOSELECTIF POUR PREPARER DES DERIVES DE CYCLOHEXYLAMINE**
[72] GU, RUI LIN, US
[72] KOBIERSKI, MICHAEL EDWARD, US
[72] BARNETT, CHARLES JACKSON, US
[71] ELI LILLY AND COMPANY, US
[85] 2003-02-11
[86] 2001-09-13 (PCT/US2001/026023)
[87] 2002-03-28 (WO2002/024705)
[30] US (60/234,649) 2000-09-22

[21] **2,420,272**
[13] A1

[51] **Int.Cl. 7C06C 9/00 7C06B 25/20**
[25] EN
[54] **AUTOIGNITION FOR GAS GENERATORS**
[54] **INFLAMMATION SPONTANEE DE GENERATEURS DE GAZ**
[72] CANTERBERRY, J. B., US
[72] PATEL, KALPESH JAYATIBHAI, US
[72] LANGE, LENNOX, US
[71] BREED AUTOMOTIVE TECHNOLOGY, INC., US
[85] 2003-02-19
[86] 2001-05-11 (PCT/US2001/015241)
[87] 2002-04-04 (WO2002/026664)
[30] US (09/670,072) 2000-09-26

[21] **2,420,279**
[13] A1

[51] **Int.Cl. 7C07C 233/15 7C07C 237/14 7A01N 31/16 7A01N 37/18 7C07C 235/26 7C07C 233/33 7C07C 233/48**
[25] EN
[54] **SELECTIVE ANDROGEN RECEPTOR MODULATORS AND METHODS OF USE THEREOF**
[54] **MODULATEURS SELECTIFS DU RECEPTEUR ANDROGENIQUE ET PROCEDES D'UTILISATION DE CES DERNIERS**
[72] HE, YALI, US
[72] YIN, DONGHUA, US
[72] DALTON, JAMES, US
[72] MILLER, DUANE D., US
[71] THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION, US
[85] 2003-02-19
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[87] 2002-02-28 (WO2002/016310)
[30] US (09/644,970) 2000-08-24
[30] US (60/300,083) 2001-06-25

[21] **2,420,312**
[13] A1

[51] **Int.Cl. 7H01F 27/02 7H01F 41/00**
[25] EN
[54] **ENCAPSULATED TRANSFORMER**
[54] **TRANSFORMATEUR ENCAPSULE**
[72] JAKOVLEJVIC, BRANIMIR, ZA
[71] JAKOVLEJVIC, BRANIMIR, ZA
[85] 2003-02-19
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[30] ZA (99/5296) 1999-08-19

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[13] A1
[51] Int.Cl. 7B01D 71/02 7B01J 12/00
7B01D 53/22 7C04B 35/26 7C01B 3/34
[25] EN
[54] MIXED CONDUCTING
MEMBRANES FOR SYNGAS
PRODUCTION
[54] MEMBRANES CONDUCTRICES
MIXTES SERVANT A PRODUIRE DU
GAZ DE SYNTHÈSE
[72] VAN DOORN, RENE HENDRIK
ELIAS, DE
[72] CUTLER, RAYMOND ASHTON, US
[72] BUTT, DARRYL P., US
[72] CAROLAN, MICHAEL FRANCIS, US
[72] DYER, PAUL NIGEL (DECEASED),
US
[71] AIR PRODUCTS AND CHEMICALS,
INC., US
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[86] 2001-08-22 (PCT/EP2001/009704)
[87] 2002-02-28 (WO2002/016015)
[30] US (09/643,698) 2000-08-22

[21] **2,420,531**
[13] A1
[51] Int.Cl. 7B22F 3/12 7C22C 33/02
[25] EN
[54] METHOD FOR PRODUCING
POWDER METAL MATERIALS
[54] PROCÉDE DE PRODUCTION DE
POUDRE MÉTALLIQUE
[72] KOSCO, JOHN C., US
[71] KEYSTONE INVESTMENT
CORPORATION, US
[85] 2003-02-05
[86] 2001-07-23 (PCT/US2001/023144)
[87] 2002-02-14 (WO2002/011927)
[30] US (09/634,795) 2000-08-09

[21] **2,420,608**
[13] A1
[51] Int.Cl. 7B21B 13/14 7B21B 27/02
[25] EN
[54] ROLL STAND COMPRISING A
CROWN-VARIABLE-CONTROL (CVC)
ROLL PAIR
[54] CAGE DE LAMINOIR
COMPRENANT UNE PAIRE DE
CYLINDRES CVC
[72] HARTUNG, HANS-GEORG, DE
[72] ROHDE, WOLFGANG, DE
[72] KLAMMA, KLAUS, DE
[72] SEIDEL, JURGEN, DE
[71] SMS DEMAG
AKTIENGESELLSCHAFT, DE
[85] 2003-02-06
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[30] DE (100 39 035.8) 2000-08-10

[21] **2,420,611**
[13] A1
[51] Int.Cl. 7H04B 10/08 7H04B 10/18
[25] EN
[54] METHOD AND DEVICE FOR
DETERMINING AND COMPENSATING
FOR THE TILTING OF THE
SPECTRUM IN AN OPTICAL FIBER OF
A DATA TRANSMISSION PATH
[54] PROCÉDE ET DISPOSITIF POUR
LA DÉTERMINATION ET LA
COMPENSATION DU BASCULEMENT
DU SPECTRE DANS UNE FIBRE
OPTIQUE D'UNE LIGNE DE
TRANSMISSION DE DONNÉES
[72] ELBERS, JORG-PETER, DE
[72] FARBERT, ANDREAS, DE
[72] GLINGENER, CHRISTOPH, DE
[72] SCHEERER, CHRISTIAN, CA
[72] RAPP, LUTZ, DE
[71] SIEMENS AKTIENGESELLSCHAFT,
DE
[85] 2003-02-19
[86] 2001-08-10 (PCT/DE2001/003073)
[87] 2003-02-19 (WO2002/017514)
[30] DE (100 40 791.9) 2000-08-21

[21] **2,420,640**
[13] A1
[51] Int.Cl. 7A61K 31/66 7A61P 31/00
[25] EN
[54] COMBINATION PREPARATIONS
OF 3-N-
FORMYLHYDROXYLAMINOPROPYL
PHOSPHONIC ACID DERIVATIVES OR
3-N-
ACETYLHYDROXYLAMINOPROPYL
PHOSPHONIC ACID DERIVATIVES
COMBINED WITH SPECIFIC
PHARMACEUTICAL ACTIVE AGENTS
[54] PRÉPARATIONS DE DÉRIVÉS
D'ACIDE 3-N-
FORMYLHYDROXYLAMINOPROPYL
PHOSPHONIQUE OU DE DÉRIVÉS
D'ACIDE 3-N-
ACÉTYLHYDROXYLAMINOPROPYL
HOSPHONIQUE COMBINÉS AVEC DES
PRINCIPES ACTIFS
PHARMACEUTIQUES SPÉCIAUX
[72] WIESNER, JOCHEN, DE
[72] JOMAA, HASSAN, DE
[71] JOMAA PHARMAKA GMBH, DE
[85] 2003-02-26
[86] 2001-06-23 (PCT/EP2001/007140)
[87] 2003-02-26 (WO2002/000208)
[30] DE (100 30 781.7) 2000-06-29

[21] **2,420,645**
[13] A1
[51] Int.Cl. 7C07F 1/08 7A61K 49/00
7A61K 31/30
[25] EN
[54] METAL COMPLEXES FOR USE IN
MEDICAL AND THERAPEUTIC
APPLICATIONS
[54] COMPLEXES DE MÉTAUX A
UTILISER DANS DES APPLICATIONS
MÉDICALES ET THÉRAPEUTIQUES
[72] PERKINS, CHRISTOPHER MARK, US
[71] THE PROCTER & GAMBLE
COMPANY, US
[85] 2003-02-17
[86] 2001-09-19 (PCT/US2001/029262)
[87] 2002-04-04 (WO2002/026748)
[30] US (60/235,012) 2000-09-25

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[21] **2,420,658**
[13] A1

[51] **Int.Cl. 7A61C 3/00**
[25] EN
[54] **A DENTAL DIAGNOSING AND DISPENSING APPARATUS AND A SYSTEM AND A METHOD FOR PROVIDING SAME**
[54] **APPAREIL DE DIAGNOSTIC ET DE DISTRIBUTION ET SYSTEME ET PROCEDE ASSOCIES**
[72] BERGERSEN, EARL O., US
[71] ORTHO-TAIN, INC., US
[85] 2003-02-18
[86] 2001-10-09 (PCT/US2001/031366)
[87] 2002-04-18 (WO2002/030313)
[30] US (09/686,142) 2000-10-11

[21] **2,420,668**
[13] A1

[51] **Int.Cl. 7H04N 7/10 7G06F 3/00 7G06F 13/00 7H04N 7/025 7H04N 7/173 7H04N 5/445 7G06F 17/60**
[25] EN
[54] **SYSTEM FOR PROVIDING SALES INFORMATION VIA INTERACTIVE DIGITAL DATA STREAMS**
[54] **SYSTEME DE FOURNITURE D'INFORMATIONS DE VENTE VIA DES TRAINS DE DONNEES NUMERIQUES INTERACTIVES**
[72] LIGA, KEVIN M., US
[72] DEO, FRANK P., US
[71] ACTV, INC., US
[85] 2003-02-17
[86] 2001-10-13 (PCT/US2001/032020)
[87] 2002-04-18 (WO2002/031627)
[30] US (09/687,866) 2000-10-13

[21] **2,420,773**
[13] A1

[51] **Int.Cl. 7F03B 11/00 7F16J 15/34 7F16J 15/44**
[25] EN
[54] **SEALING IN A HYDRAULIC TURBINE UNIT**
[54] **ETANCHEIFICATION D'UNE TURBOMACHINE HYDRAULIQUE**
[72] GITTLER, PHILIPP, AT
[71] GITTLER, PHILIPP, AT
[85] 2003-02-27
[86] 2001-09-14 (PCT/AT2001/000293)
[87] 2003-02-27 (WO2002/023038)
[30] AT (A 1581/2000) 2000-09-15
[30] AT (A 278/2001) 2001-02-22

[21] **2,420,778**
[13] A1

[51] **Int.Cl. 7B01F 5/06**
[25] EN
[54] **FLUID MIXER**
[54] **MELANGEUR DE FLUIDES**
[72] RUDMAN, MURRAY, AU
[72] METCALFE III, GUY PARKER, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2003-02-27
[86] 2001-09-07 (PCT/AU2001/001127)
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[30] US (60/231,358) 2000-09-08

[21] **2,420,791**
[13] A1

[51] **Int.Cl. 7G11C 16/10**
[25] EN
[54] **METHOD OF STORING A QUANTITY OF DATA IN A TARGET MEMORY LOCATION AND STORAGE SYSTEM**
[54] **PROCEDE PERMETTANT D'ENREGISTRER EN MEMOIRE UN FLOT DE DONNEES DANS UNE ZONE MEMOIRE CIBLE ET SYSTEME DE MEMOIRE**
[72] MAY, CHRISTIAN, DE
[72] BRUECKLMAYR, FRANZ-JOSEF, DE
[72] POCKRANDT, WOLFGANG, DE
[72] SEDLAK, HOLGER, DE
[71] INFINEON TECHNOLOGIES AG, DE
[85] 2003-02-05
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[87] 2003-02-05 (WO2002/071409)
[30] DE (101 10 153.8) 2001-03-02

[21] **2,420,795**
[13] A1

[51] **Int.Cl. 7H04N 7/167**
[25] EN
[54] **TRANSMITTING AND PROCESSING PROTECTED CONTENT**
[54] **TRANSMISSION ET TRAITEMENT DE CONTENU PROTEGE**
[72] DELAUNAY, ERIC, FR
[72] GAUDE, NICOLAS, FR
[72] SURCOUF, ANDRE, FR
[72] DUBLANCHET, FREDERIC, FR
[72] LEPORINI, DAVID, FR
[71] CANAL + TECHNOLOGIES, FR
[85] 2003-02-21
[86] 2001-08-24 (PCT/IB2001/001845)
[87] 2002-02-28 (WO2002/017635)
[30] EP (00402349.5) 2000-08-24

[21] **2,420,804**
[13] A1

[51] **Int.Cl. 7A61K 31/535**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR TOPICAL DELIVERY OF CYCLOOXYGENASE-2 ENZYME INHIBITORS**
[54] **COMPOSITIONS PHARMACEUTIQUES POUR ADMINISTRATION TOPIQUE D'INHIBITEURS DE CYCLOOXYGENASE-2**
[72] SINGLA, AJAY KUMAR, IN
[72] ARORA, VINOD KUMAR, IN
[72] KUMAR, MUKESH, IN
[71] RANBAXY LABORATORIES LIMITED, IN
[85] 2003-02-27
[86] 2001-08-28 (PCT/IB2001/001557)
[87] 2002-03-07 (WO2002/017923)
[30] IN (779/DEL/2000) 2000-08-29

[21] **2,420,817**
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **VIRTUAL FIELDS**
[54] **CHAMPS VIRTUELS**
[72] LINDSAY, WALTER, US
[71] CONTIVO, INC., US
[85] 2003-02-26
[86] 2001-04-09 (PCT/US2001/011671)
[87] 2002-03-07 (WO2002/019165)
[30] US (09/652,515) 2000-08-29

[21] **2,420,823**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61P 15/00 7A61P 15/12 7A61K 31/355 7A61K 35/64**
[25] EN
[54] **USE OF A COMPOSITION COMPRISING AN EXTRACT OF POLLEN FOR THE TREATMENT OF IRRITABILITY**
[54] **UTILISATION D'UNE COMPOSITION CONTENANT UN EXTRAIT DE POLLEN DESTINEE AU TRAITEMENT DE L'IRRITABILITE**
[72] HEDMAN, CHRISTER, SE
[72] WINTER, KAJ, DK
[72] KARNERUD, LARS, SE
[71] NATUMIN PHARMA AB, SE
[85] 2003-02-26
[86] 2001-08-31 (PCT/SE2001/001849)
[87] 2002-03-07 (WO2002/017942)
[30] SE (0003092-4) 2000-09-01

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[21] **2,420,834**
[13] A1

[51] **Int.Cl. 7A61L 15/46 7A61L 15/20 7A61L 15/26 7A61L 15/42 7A61L 15/48**
[25] EN
[54] **PH REDUCING FORMULATION FOR A TAMPON**
[54] **PREPARATION REDUISANT LE PH POUR TAMPON**
[72] KLUGER, RAM, IL
[72] BENITA, SIMON, IL
[72] STERN, THEODOR, IL
[71] HI-GIENIC LTD., IL
[85] 2003-02-27
[86] 2001-05-11 (PCT/IL2001/000419)
[87] 2002-03-07 (WO2002/017981)
[30] IL (138183) 2000-08-31

[21] **2,420,839**
[13] A1

[51] **Int.Cl. 7C07F 19/00 7C08G 61/08**
[25] EN
[54] **NOVEL ORGANOMETALLIC COMPOUND HAVING HIGH METATHESIS ACTIVITY AND METHOD FOR PREPARATION THEREOF, METATHESIS REACTION CATALYST COMPRISING THE COMPOUND, METHOD OF POLYMERIZATION USING THE CATALYST, AND POLYMER PRODUCED BY THE METHOD OF POLYMERIZATION**
[54] **NOUVEAU COMPOSE ORGANOMETALLIQUE A ACTIVITE DE METATHESE ELEVEE ET SON PROCEDE DE PREPARATION, CATALYSEUR DE REACTION DE METATHESE COMPRENANT CE COMPOSE, PROCEDE DE POLYMERISATIONUTILISANT CE CATALYSEUR ET POLYMERE PRODUIT A L'AIDE DE CE PROCEDE DE POLYMERISATION**
[72] OZAWA, FUMIYUKI, JP
[72] KATAYAMA, HIROYUKI, JP
[72] NAKATANI, MASAFUMI, JP
[72] GOTO, NOBUHIRO, JP
[72] HIRAIKE, HIROSHI, JP
[72] MORITA, TAKEHARU, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2003-02-27
[86] 2001-08-29 (PCT/JP2001/007401)
[87] 2003-02-27 (WO2002/018399)
[30] JP (2000-262822) 2000-08-31
[30] JP (2001-193103) 2001-06-26
[30] JP (2001-254234) 2001-08-24

[21] **2,420,843**
[13] A1

[51] **Int.Cl. 7C08L 101/00 7C08K 3/00 7C08K 9/00 7H05K 1/03 7B32B 27/20**
[25] EN
[54] **RESIN COMPOSITION, MOLDED OBJECT THEREOF, AND USE THEREOF**
[54] **COMPOSITION DE RESINE, OBJET MOULE FABRIQUE A PARTIR D'UNE TELLE COMPOSITION ET UTILISATION CORRESPONDANTE**
[72] TAKENAKA, MINORU, JP
[72] TANAKA, TOMOHIRO, JP
[72] INUBUSHI, AKIYOSHI, JP
[72] KAWAGUCHI, AKIYOSHI, JP
[72] ISHII, YOSHIKI, JP
[72] TSUTSUMI, HIDEYUKI, JP
[71] OTSUKA CHEMICAL CO., LTD., JP
[85] 2003-02-27
[86] 2001-08-29 (PCT/JP2001/007405)
[87] 2003-02-27 (WO2002/018495)
[30] JP (2000-259799) 2000-08-29
[30] JP (2001-216681) 2001-07-17

[21] **2,420,847**
[13] A1

[51] **Int.Cl. 7C07H 17/08 7A61P 1/00 7A61K 31/7048**
[25] EN
[54] **PROCESS FOR PRODUCING ERYTHROMYCIN DERIVATIVE**
[54] **PROCEDE PERMETTANT LA PRODUCTION D'UN DERIVE D'ERYTHROMYCINE**
[72] TSUZAKI, KANAME, JP
[72] SHIMIZU, HITOSHI, JP
[72] KURITA, MITSUHIRO, JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
[85] 2003-02-27
[86] 2001-08-31 (PCT/JP2001/007534)
[87] 2003-02-27 (WO2002/018403)
[30] JP (2000-265277) 2000-09-01

[21] **2,420,849**
[13] A1

[51] **Int.Cl. 7B29B 17/00 7B02C 19/18**
[25] EN
[54] **METHOD FOR DISINTEGRATING WORN-OUT TYRES, DEVICE AND COMPACT PACKAGING FOR CARRYING OUT SAID METHOD**
[54] **PROCEDE ET DISPOSITIF DE BROYAGE DE PNEUS USES, ET BLOC COMPACT**
[72] NABOK, ALEXANDR ANDREEVICH, RU
[71] NABOK, ALEXANDR ANDREEVICH, RU
[85] 2003-02-27
[86] 2001-05-31 (PCT/RU2001/000210)
[87] 2003-02-27 (WO2002/018114)
[30] RU (2000122720) 2000-08-31

[21] **2,420,855**
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7C12N 15/11**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO MARKING USING DNA**
[54] **AMELIORATIONS SE RAPPORTANT AU MARQUAGE**
[72] HOPWOOD, ANDREW JOHN, GB
[72] WETTON, JONATHAN HAROLD, GB
[71] THE SECRETARY OF STATE FOR THE HOME DEPARTMENT, GB
[85] 2003-02-27
[86] 2001-09-03 (PCT/GB2001/003929)
[87] 2002-03-07 (WO2002/018636)
[30] GB (0021367.8) 2000-09-01

[21] **2,420,861**
[13] A1

[51] **Int.Cl. 7C08J 7/04 7G02B 1/04 7A61L 27/34**
[25] EN
[54] **METHOD FOR APPLYING POLYMERIC LENS COATING**
[54] **PROCEDE D'APPLICATION D'UN REVETEMENT POLYMERE POUR LENTILLE**
[72] MCGEE, JOSEPH A., US
[72] VALINT, PAUL L., JR., US
[72] SALAMONE, JOSEPH C., US
[72] BONAFINI, JAMES A., JR., US
[71] BAUSCH & LOMB, INCORPORATED, US
[85] 2003-02-27
[86] 2001-07-20 (PCT/US2001/023028)
[87] 2002-03-28 (WO2002/024793)
[30] US (09/665,355) 2000-09-19

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[21] **2,420,863**
[13] A1

[51] **Int.Cl. 7G09B 3/00 7G09B 5/00
7G09B 7/00 7G09B 19/00**

[25] EN

[54] **METHOD FOR NON-VERBAL
ASSESSMENT OF HUMAN
COMPETENCE**

[54] **METHODE POUR L'EVALUATION
NON VERBALE D'UNE APTITUDE
HUMAINE**

[72] CANTOR, MICHAEL B., US

[71] CANTOR, MICHAEL B., US

[85] 2003-02-27

[86] 2001-09-21 (PCT/US2001/029665)

[87] 2002-03-28 (WO2002/025855)

[30] US (60/234,463) 2000-09-21

[21] **2,420,864**
[13] A1

[51] **Int.Cl. 7H01H 71/74**

[25] EN

[54] **TWO POLE CIRCUIT BREAKER
CALIBRATED IN ASSEMBLED STATE**

[54] **DISJONCTEUR BIPOLAIRE**

ETALONNE A L'ETAT ASSEMBLE

[72] SMIDDLE, RONALD DALE, US

[72] GONZALES, MIGUEL ANGEL, US

[72] MALONEY, JAMES GERARD, US

[71] EATON CORPORATION, US

[85] 2003-02-27

[86] 2001-08-15 (PCT/IB2001/001463)

[87] 2002-03-07 (WO2002/019362)

[30] US (09/649,364) 2000-08-28

[21] **2,420,865**
[13] A1

[51] **Int.Cl. 7B28D 1/26 7B28B 11/08**

[25] EN

[54] **MACHINE FOR EDGE-MILLING
CONCRETE BLOCKS THAT HAVE
NOT YET HARDENED**

[54] **MACHINE POUR BISEAUTER DES
PIERRES EN BETON NON ENCORE
DURCIES**

[72] WALTERING, ROBERT, DE

[71] AVERKAMP, INGO, DE

[85] 2003-02-27

[86] 2001-09-03 (PCT/EP2001/010131)

[87] 2003-02-27 (WO2002/045928)

[30] DE (100 61 464.7) 2000-12-09

[21] **2,420,866**
[13] A1

[51] **Int.Cl. 7G06T 15/00**

[25] EN

[54] **ACCURATELY ALIGNING
IMAGES IN DIGITAL IMAGING
SYSTEMS BY MATCHING POINTS IN
THE IMAGES**

[54] **IMAGE A ALIGNEMENT PRECIS
DE SYSTEMES D'IMAGERIE
NUMERIQUE PAR MISE EN
CORRESPONDANCE DES POINTS DES
IMAGES**

[72] SEGEV, AVNER, IL

[72] ALBECK, DAN, IL

[72] GERSHON, RON, IL

[71] COGNITENS, LTD., IL

[85] 2003-02-27

[86] 2001-08-28 (PCT/IB2001/001982)

[87] 2002-03-07 (WO2002/019687)

[30] US (60/228,533) 2000-08-28

[21] **2,420,869**
[13] A1

[51] **Int.Cl. 7C07D 311/74 7C07D 521/00**

7A61P 29/00 7C07D 217/04 7C07D 215/06

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7A61K 31/192 7A61K 31/352 7C07C 57/38

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[25] EN

[54] **COMPOUNDS HAVING ACTIVITY
AS INHIBITORS OF CYTOCHROME
P450RAI**

[54] **COMPOSES TENANT LIEU**

D'INHIBITEURS DE L'ENZYME

CYTOCHROME P450RAI

[72] VASUDEVAN, JAYASREE, US

[72] HUANG, DEHUA, US

[72] WANG, LIMING, US

[72] JOHNSON, ALAN T., US

[72] CHANDRARATNA, ROSHANTHA

A., US

[71] ALLERGAN, INC., US

[85] 2003-02-27

[86] 2001-08-14 (PCT/US2001/025443)

[87] 2002-03-07 (WO2002/018361)

[30] US (09/651,235) 2000-08-29

[30] US (09/651,004) 2000-08-29

[30] US (09/651,003) 2000-08-29

[30] US (09/651,564) 2000-08-29

[30] US (09/651,234) 2000-08-29

[30] US (09/651,001) 2000-08-29

[30] US (09/651,566) 2000-08-29

[21] **2,420,871**
[13] A1

[51] **Int.Cl. 7A61K 31/546**

[25] EN

[54] **CEPHALOSPORIN ANTIBIOTICS
AND PRODRUGS THEREOF**

[54] **ANTIBIOTIQUES
CEPHALOSPORINE ET LEURS
PROMEDICAMENTS**

[72] GLINKA, TOMASZ W., US

[71] GLINKA, TOMASZ W., US

[85] 2003-02-27

[86] 2001-08-23 (PCT/US2001/026628)

[87] 2002-03-07 (WO2002/017854)

[30] US (60/229,174) 2000-08-29

[21] **2,420,873**
[13] A1

[51] **Int.Cl. 7C08L 67/02 7C08L 77/06
7D06M 13/207**

[25] EN

[54] **FIBER-FORMING POLYAMIDE
COMPOSITION**

[54] **COMPOSITION POLYAMIDE
FIBROGENE**

[72] STUDHOLME, MATTHEW B., US

[71] PRISMA FIBERS INC., US

[85] 2003-02-27

[86] 2001-08-28 (PCT/US2001/026674)

[87] 2002-03-07 (WO2002/018492)

[30] US (09/649,017) 2000-08-28

[21] **2,420,879**
[13] A1

[51] **Int.Cl. 7C12N 15/64 7A61K 48/00
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[25] EN

[54] **ANTI-MICROBIAL AGENTS**

[54] **AGENTS ANTIMICROBIENS**

[72] FILUTOWICZ, MARCIN S., US

[71] WISCONSIN ALUMNI RESEARCH
FOUNDATION, US

[85] 2003-02-27

[86] 2001-08-30 (PCT/US2001/027028)

[87] 2002-03-07 (WO2002/018605)

[30] US (09/651,290) 2000-08-30

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[21] **2,420,881**
[13] A1

[51] **Int.Cl. 7B01D 15/08**
[25] EN
[54] **PROCESS FOR SELECTIVELY EXTRACTING BIOACTIVE COMPONENTS**
[54] **PROCEDE D'EXTRACTION SELECTIVE DE COMPOSANTS BIOACTIFS**
[72] LANG, TIMOTHY RALSTON, AU
[71] QUEEN BIOACTIVES PTY LTD., AU
[85] 2003-02-27
[86] 2001-09-04 (PCT/AU2001/001113)
[87] 2002-03-14 (WO2002/020112)
[30] AU (PQ 9874) 2000-09-04

[21] **2,420,885**
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **CONCEPT IDENTIFICATION SYSTEM AND METHOD FOR USE IN REDUCING AND/OR REPRESENTING TEXT CONTENT OF AN ELECTRONIC DOCUMENT**
[54] **PROCEDE ET SYSTEME D'IDENTIFICATION DE CONCEPT, UTILES POUR REDUIRE ET/OU REPRESENTER UN CONTENU TEXTE D'UN DOCUMENT ELECTRONIQUE**
[72] ABU-HAKIMA, SUHAYYA, CA
[71] AMIKANOW! CORPORATION, CA
[85] 2003-02-27
[86] 2001-08-28 (PCT/CA2001/001197)
[87] 2002-03-07 (WO2002/019155)
[30] US (09/649,028) 2000-08-28

[21] **2,420,887**
[13] A1

[51] **Int.Cl. 7H01M 4/00**
[25] EN
[54] **ANODE OXIDATION PROTECTION IN A HIGH-TEMPERATURE FUEL CELL**
[54] **PROTECTION DE L'ANODE D'UNE PILE A COMBUSTIBLE A HAUTE TEMPERATURE CONTRE L'OXYDATION**
[72] PREDIGER, DENNIS, CA
[72] GHOSH, DEBABRATA, CA
[71] GLOBAL THERMOELECTRIC INC., CA
[85] 2003-02-27
[86] 2001-08-31 (PCT/CA2001/001236)
[87] 2002-03-07 (WO2002/019446)
[30] US (60/229,332) 2000-09-01

[21] **2,420,889**
[13] A1

[51] **Int.Cl. 7G06F 1/00**
[25] EN
[54] **METHOD AND SYSTEM FOR PREVENTING UNWANTED ALTERATIONS OF DATA AND PROGRAMS STORED IN A COMPUTER SYSTEM**
[54] **PROCEDE ET SYSTEME PERMETTANT D'EMPECHER DES MODIFICATIONS NON SOUHAITEES DE DONNEES ET DE PROGRAMMES STOCKES DANS UN SYSTEME INFORMATIQUE**
[72] BUCKLEY, CONLETH, CA
[71] BUCKLEY, CONLETH, CA
[85] 2003-02-27
[86] 2001-08-31 (PCT/CA2001/001239)
[87] 2002-03-07 (WO2002/019064)
[30] US (60/229,859) 2000-09-01

[21] **2,420,890**
[13] A1

[51] **Int.Cl. 7A61P 7/02 7A61K 31/715 7A61K 31/727 7A61K 31/737**
[25] EN
[54] **ANTITHROMBOTIC COMPOSITIONS**
[54] **COMPOSITIONS ANTITHROMBOTIQUES**
[72] JOHANSEN, KRISTIAN, DK
[72] HIRSH, JACK, CA
[72] WEITZ, JEFFERY I., CA
[71] HAMILTON CIVIC HOSPITALS RESEARCH DEVELOPMENT, INC., CA
[71] LEO PHARMA A/S, DK
[85] 2003-02-27
[86] 2001-09-07 (PCT/CA2001/001287)
[87] 2002-03-14 (WO2002/020091)
[30] US (60/231,429) 2000-09-08

[21] **2,420,891**
[13] A1

[51] **Int.Cl. 7B32B 27/18 7B32B 27/30**
[25] EN
[54] **DIENOPHILE ADDITIVES TO POLYVINYLIDENE CHLORIDE COPOLYMERS**
[54] **ADDITIFS DIENOPHILES POUR COPOLYMERES DE CHLORURE DE POLYVINYLIDENE**
[72] MUELLER, CHAD, US
[72] KAAS, ROGER, US
[71] PECHINEY EMBALLAGE FLEXIBLE EUROPE, FR
[85] 2003-02-27
[86] 2001-08-28 (PCT/US2001/026689)
[87] 2002-03-07 (WO2002/018138)
[30] US (09/649,895) 2000-08-28

[21] **2,420,893**
[13] A1

[51] **Int.Cl. 7C07C 39/11 7A23L 1/30**
[25] EN
[54] **METHOD OF OBTAINING A HYDROXYTYROSOL-RICH COMPOSITION FROM VEGETATION WATER**
[54] **PROCEDE PERMETTANT DE PREPARER UNE COMPOSITION RICHE EN HYDROXYTYROSOL A PARTIR D'EAU DE VEGETATION**
[72] CREA, ROBERTO, US
[71] CREAGRI, INC., US
[85] 2003-02-27
[86] 2001-08-31 (PCT/US2001/027132)
[87] 2002-03-07 (WO2002/018310)
[30] US (60/230,535) 2000-09-01

[21] **2,420,894**
[13] A1

[51] **Int.Cl. 7C07D 495/00**
[25] EN
[54] **THIENOPYRIMIDINES**
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[72] JONAS, ROCHUS, DE
[72] EGGENWEILER, HANS-MICHAEL, DE
[72] BEIER, NORBERT, DE
[72] CHRISTADLER, MARIA, DE
[72] SCHELLING, PIERRE, DE
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[85] 2003-02-27
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[87] 2003-02-27 (WO2002/018389)
[30] DE (100 42 997.1) 2000-09-01

[21] **2,420,895**
[13] A1

[51] **Int.Cl. 7A61K 31/565 7A61K 47/10 7A61K 47/14 7A61P 5/26**
[25] EN
[54] **METHOD FOR TREATING ERECTILE DYSFUNCTION AND INCREASING LIBIDO IN MEN**
[54] **METHODE POUR TRAITER LA DYSERECTION ET AUGMENTER LA LIBIDO CHEZ L'HOMME**
[72] DUDLEY, ROBERT E., US
[71] UNIMED PHARMACEUTICALS, INC., US
[85] 2003-02-27
[86] 2001-08-29 (PCT/US2001/027205)
[87] 2002-03-07 (WO2002/017927)
[30] US (09/651,777) 2000-08-30
[30] US (09/703,753) 2000-11-01

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[21] **2,420,897**
[13] A1

[51] **Int.Cl. 7A61K 39/395**
[25] EN
[54] **CHEMOPROTECTANT FOR GASTRIC TOXICITY**
[54] **AGENT DE CHIMIO-PREVENTION CONTRE LA TOXICITE GASTRIQUE**
[72] MULDOON, LESLIE, US
[72] NEUWELT, EDWARD A., US
[71] OREGON HEALTH AND SCIENCE UNIVERSITY, US
[85] 2003-02-27
[86] 2001-08-30 (PCT/US2001/027296)
[87] 2002-03-07 (WO2002/017962)
[30] US (60/229,869) 2000-08-30

[21] **2,420,901**
[13] A1

[51] **Int.Cl. 7A61L 27/56 7C12N 5/06 7A61F 2/10 7A61L 27/18 7A61L 27/26 7A61L 27/38**
[25] EN
[54] **SCAFFOLDS FOR TISSUE ENGINEERED HAIR**
[54] **ETAIS POUR CHEVEUX CREES PAR GENIE TISSULAIRE**
[72] BARROWS, THOMAS H., US
[71] BIOAMIDE, INC., US
[85] 2003-02-05
[86] 2001-08-07 (PCT/US2001/024671)
[87] 2002-02-28 (WO2002/015952)
[30] US (60/223,636) 2000-08-08

[21] **2,420,907**
[13] A1

[51] **Int.Cl. 7H04L 12/28**
[25] EN
[54] **METHOD AND APPARATUS FOR ROUTING DATA OVER MULTIPLE WIRELESS NETWORKS**
[54] **PROCEDE ET APPAREIL DE ROUTAGE DE DONNEES SUR PLUSIEURS RESEAUX SANS FIL**
[72] BOGDON, CHRISTOPHER JAMES, US
[72] WHITMORE, DAVID L., US
[72] DICK, CHARLES ALLAN, US
[71] PADCOM, INC., US
[85] 2003-02-27
[86] 2001-08-24 (PCT/US2001/026001)
[87] 2002-03-07 (WO2002/019636)
[30] US (09/652,009) 2000-08-31

[21] **2,420,898**
[13] A1

[51] **Int.Cl. 7A61F 2/30 7A61L 27/18**
[25] EN
[54] **METHOD FOR MAMMALIAN JOINT RESURFACING**
[54] **METHODE ET SYSTEME D'ARTHROPLASTIE DE SURFACE CHEZ LES MAMMIFERES**
[72] PORTER, CHRISTOPHER H., US
[72] ARSENYEV, ALEXANDER, US
[72] BUSCEMI, PAUL J., US
[72] FELT, JEFFREY C., US
[72] RYDELL, MARK A., US
[71] ADVANCED BIO SURFACES, INC., US
[85] 2003-02-27
[86] 2001-08-28 (PCT/US2001/041908)
[87] 2002-03-07 (WO2002/017821)
[30] US (60/228,444) 2000-08-28

[21] **2,420,905**
[13] A1

[51] **Int.Cl. 7B66F 11/04 7B66C 1/10**
[25] EN
[54] **DEVICE FOR TRANSPORTING PEOPLE BY A SPREADER**
[54] **DISPOSITIF DE TRANSPORT DE PERSONNES AU MOYEN D'UN PALONNIER**
[72] FALLER, HEIDE, DE
[71] FM PATENTVERWERTUNG KG, DE
[85] 2003-02-27
[86] 2001-08-27 (PCT/EP2001/009862)
[87] 2003-02-27 (WO2002/018263)
[30] DE (100 41 932.1) 2000-08-27

[21] **2,420,909**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **REGISTRY FOR MANAGEMENT OF INTELLECTUAL PROPERTY RIGHTS, PROPERTIES AND CONSTRAINTS**
[54] **ENREGISTREMENT PERMETTANT LA GESTION DES DROITS, DES PROPRIETES ET DES CONTRAINTES DE PROPRIETE INTELLECTUELLE**
[72] PROBERT, THOMAS, US
[71] PROBERT, THOMAS, US
[85] 2003-02-27
[86] 2001-08-28 (PCT/US2001/026779)
[87] 2002-03-07 (WO2002/019214)
[30] US (60/228,428) 2000-08-28

[21] **2,420,900**
[13] A1

[51] **Int.Cl. 7A61K 38/00**
[25] EN
[54] **THROMBOMODULIN ANALOGS FOR USE IN RECOVERY OF SIGNAL CORD INJURY**
[54] **ANALOGUES DE THROMBOMODULINE SERVANT A TRAITER UN TRAUMATISME MEDULLAIRE**
[72] MORSER, MICHAEL JOHN, US
[72] FESTOFF, BARRY W., US
[71] SCHERING AKTIENGESELLSCHAFT, DE
[85] 2003-02-27
[86] 2001-08-31 (PCT/US2001/041930)
[87] 2002-03-07 (WO2002/017953)
[30] US (60/229,714) 2000-08-31
[30] US (09/938,405) 2001-08-23

[21] **2,420,906**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61P 15/00 7A61P 15/12 7A61K 31/355 7A61K 35/64**
[25] EN
[54] **USE OF A COMPOSITION COMPRISING AN EXTRACT OF POLLEN FOR THE TREATMENT OF EDEMA**
[54] **UTILISATION D'UNE COMPOSITION CONTENANT UN EXTRAIT DE POLLEN POUR LE TRAITEMENT DE L'OEDEME**
[72] HEDMAN, CHRISTER, SE
[72] KARNERUD, LARS, SE
[72] WINTER, KAJ, DK
[71] NATUMIN PHARMA AB, SE
[85] 2003-02-27
[86] 2001-08-31 (PCT/SE2001/001848)
[87] 2002-03-07 (WO2002/017941)
[30] SE (0003092-4) 2000-09-01

[21] **2,420,912**
[13] A1

[51] **Int.Cl. 7H03G 3/20 7H03F 3/20**
[25] EN
[54] **POWER AMPLIFIER SATURATION DETECTION AND COMPENSATION**
[54] **DETECTION ET COMPENSATION DE SATURATION D'AMPLIFICATEUR DE PUISSANCE**
[72] KOMAILL, JALEH, US
[72] CLARK, RICKE W., US
[71] SKYWORKS SOLUTIONS, INC., US
[85] 2003-02-27
[86] 2001-08-30 (PCT/US2001/026823)
[87] 2002-03-07 (WO2002/019517)
[30] US (09/651,801) 2000-08-30

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[21] **2,420,914**
[13] A1
[51] **Int.Cl. 7G06F 17/30 7G06F 19/00 7G06F 17/60**
[25] EN
[54] **MATERIALS ANALYTICAL REVIEW AND REPORTING SYSTEM**
[54] **EXAMEN ANALYTIQUE DE MATERIAUX ET SYSTEME DE RAPPORT**
[72] BANFER, PAUL, US
[71] ENVIRONMENTAL INFORMATION SYSTEMS, INC., US
[85] 2003-02-27
[86] 2001-08-30 (PCT/US2001/026948)
[87] 2002-03-07 (WO2002/019171)
[30] US (60/229,553) 2000-08-30

[21] **2,420,915**
[13] A1
[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **METHOD AND SYSTEM FOR PROVIDING FINANCIAL FUNCTIONS**
[54] **PROCEDE ET SYSTEME POUR ASSURER DES FONCTIONS FINANCIERES**
[72] PILATO, ALEJANDRO M., GB
[71] TRADERISKS, INC., US
[85] 2003-02-27
[86] 2001-08-30 (PCT/US2001/027038)
[87] 2002-03-07 (WO2002/019173)
[30] US (09/650,733) 2000-08-30

[21] **2,420,921**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD, APPARATUS, AND MANUFACTURE FOR FACILITATING A SELF-ORGANIZING WORKFORCE**
[54] **PROCEDE, APPAREIL ET FABRIQUE DE DEVELOPPEMENT D UNE FORCE DE TRAVAIL AUTO-ORGANISEE**
[72] JENSEN, MATTHEW N., US
[72] WILLIAMS, DANIEL F., US
[72] OSTEMA, LAWRENCE L., US
[71] COMPANYWAY.COM, INC., US
[85] 2003-02-27
[86] 2001-08-31 (PCT/US2001/027183)
[87] 2002-03-07 (WO2002/019601)
[30] US (60/229,928) 2000-09-01
[30] US (09/944,324) 2001-08-30

[21] **2,420,925**
[13] A1
[51] **Int.Cl. 7H04N 7/173**
[25] EN
[54] **SYSTEMS AND METHOD FOR INTERACTING WITH USERS OVER A COMMUNICATIONS NETWORK**
[54] **SYSTEMES ET PROCEDES D'INTERACTION AVEC LES UTILISATEURS DANS UN RESEAU DE COMMUNICATION**
[72] SMITH, DRAKE, US
[72] BARONE, SAMUEL T. JR., US
[71] GOLDPOCKET INTERACTIVE, INC., US
[85] 2003-02-27
[86] 2001-08-31 (PCT/US2001/027313)
[87] 2002-03-07 (WO2002/019716)
[30] US (60/230,222) 2000-08-31

[21] **2,420,935**
[13] A1
[51] **Int.Cl. 7C07D 295/096 7A61P 25/08 7A61K 31/495**
[25] EN
[54] **N-(3,5-DICHLORO-2-METHOXYPHENYL)-4-METHOXY-3-PIPERAZIN-1-YL-BENZENESULFONAMIDE**
[54] **N-(3,5-DICHLORO-2-METHOXYPHENYL)-4-METHOXY-3-PIPERAZIN-1-YL-BENZENESULFONAMIDE**
[72] BROMIDGE, STEVEN MARK, GB
[72] MOSS, STEPHEN FREDERICK, GB
[71] SMITHKLINE BEECHAM PLC, GB
[85] 2003-02-27
[86] 2001-08-27 (PCT/EP2001/009927)
[87] 2002-03-07 (WO2002/018358)
[30] GB (0021450.2) 2000-08-31

[21] **2,420,937**
[13] A1
[51] **Int.Cl. 7C04B 14/00**
[25] EN
[54] **IMPROVED SWELLABLE PHYLLOSILICATES**
[54] **SILICATES EN COUCHE EXPANSIFS AMELIORES**
[72] HEININGER, WOLFGANG, DE
[72] WARTH, ROBERT, DE
[72] MOLLER, MARKUS, DE
[72] COUTELLE, HELMUT, DE
[71] SUD-CHEMIE AG, DE
[85] 2003-02-27
[86] 2001-08-29 (PCT/EP2001/009951)
[87] 2002-03-07 (WO2002/018292)
[30] DE (100 42 455.4) 2000-08-29

[21] **2,420,938**
[13] A1
[51] **Int.Cl. 7C11D 3/37 7C11D 3/00 7C08F 283/06 7C08L 51/08**
[25] EN
[54] **USE OF GRAFTED POLYALKYLENE OXIDES AS GREYING INHIBITORS WHEN WASHING**
[54] **UTILISATION D'OXYDES DE POLYALKYLENE GREFFES EN TANT QUE SUBSTANCES EMPECHANT LES MATIERES TEXTILES DE GRISAILLER LORS DU LAVAGE**
[72] KOLTZENBURG, SEBASTIAN, DE
[72] HUFF, JURGEN, DE
[72] MOHR, BERNHARD, DE
[72] KISTENMACHER, AXEL, DE
[72] MULLER, CHRISTINE, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2003-02-27
[86] 2001-08-30 (PCT/EP2001/010000)
[87] 2003-02-27 (WO2002/018526)
[30] DE (100 42 815.0) 2000-08-30

[21] **2,420,942**
[13] A1
[51] **Int.Cl. 7A01N 57/10 7A01N 57/28**
[25] EN
[54] **ORGANOPHOSPHOROUS COMPOSITIONS**
[54] **COMPOSITIONS ORGANOPHOSPHOREES**
[72] FLETCHER, WILLIAM M., US
[72] PORTILLO, HECTOR E., US
[72] ANDERSON, THOMAS E., US
[71] BASF CORPORATION, US
[85] 2003-02-27
[86] 2001-08-25 (PCT/EP2001/009831)
[87] 2002-03-07 (WO2002/017721)
[30] US (09/649,422) 2000-08-28

[21] **2,420,946**
[13] A1
[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **DYNAMIC PERSONALIZED CONTENT SELECTION FOR A MEDIA SERVER**
[54] **RESOLUTION DYNAMIQUE ET PERSONNALISEE DES CONTENUS POUR UN SERVEUR MULTIMEDIA**
[72] PAWSON, DAVID, US
[71] ORACLE INTERNATIONAL CORPORATION, US
[85] 2003-02-27
[86] 2001-08-30 (PCT/US2001/041966)
[87] 2002-03-07 (WO2002/019720)
[30] US (09/653,928) 2000-09-01

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[21] **2,420,948**
[13] A1
[51] **Int.Cl. 7F04B 17/00**
[25] EN
[54] **MICRO-FLUIDIC PUMP**
[54] **POMPE MICROFLUIDIQUE**
[72] MONDRO, JASON R., US
[72] CANTOR, HAL C., US
[72] HOWER, ROBERT W., US
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[25] EN
[54] **GRADED INDEX MICROLENSES AND METHODS OF DESIGN AND FORMATION**
[54] **MICROLENTILLES A GRADIENT D'INDICE ET LEURS PROCEDES DE CONCEPTION ET DE FORMATION**
[72] SANKUR, HALUK, US
[71] **INNOVATIVE TECHNOLOGY LICENSING, LLC, US**
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[25] EN
[54] **PHENOXYBENZYLAMINE DERIVATIVES AS SELECTIVE SEROTONIN RE-UPTAKE INHIBITORS**
[54] **DERIVES DE LA PHENOXYBENZYLAMINE INHIBITEURS SELECTIFS DU RECAPTAGE DE LA SEROTONINE**
[72] HEPWORTH, DAVID, GB
[72] HOWARD, HARRY RALPH JR., US
[72] STOBIE, ALAN, GB
[72] GYMER, GEOFFREY EDWARD, GB
[72] ANDREWS, MARK DAVID, GB
[72] ELLIOTT, MARK LEONARD, US
[72] MIDDLETON, DONALD STUART, GB
[72] ADAM, MAVIS DIANE, US
[71] **PFIZER INC., US**
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[87] 2002-03-07 (WO2002/018333)
[30] GB (0021593.9) 2000-08-31
[30] GB (0107116.6) 2001-03-21

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[25] EN
[54] **SUBSTITUTED HETEROCYCLIC COMPOUNDS FOR TREATING MULTIDRUG RESISTANCE**
[54] **COMPOSES HETEROCYCLIQUES SUBSTITUES POUR LE TRAITEMENT DE RESISTANCE A DES MEDICAMENTS MULTIPLES**
[72] DEGENHARDT, CHARLES RAYMOND, US
[72] EICKHOFF, DAVID JOSEPH, US
[71] **THE PROCTER & GAMBLE COMPANY, US**
[85] 2003-02-27
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[51] **Int.Cl. 7C07D 211/62 7A61P 35/00**
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[25] EN
[54] **SUBSTITUTED HETEROCYCLIC COMPOUNDS FOR TREATING MULTIDRUG RESISTANCE**
[54] **COMPOSES HETEROCYCLIQUES SUBSTITUES DESTINES AU TRAITEMENT DE LA RESISTANCE PLEIOTROPE**
[72] DEGENHARDT, CHARLES RAYMOND, US
[72] EICKHOFF, DAVID JOSEPH, US
[71] **THE PROCTER & GAMBLE COMPANY, US**
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[87] 2002-04-25 (WO2002/032869)
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[54] **BILLES D'ESSAI SANS LAVAGE, NECESSAIRE ET PROCEDURE**
[72] HECHINGER, MARK K., US
[71] **CYTOMETRY APPLICATIONS, INC., US**
[85] 2003-02-27
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[54] **FIBROUS COMPOSITE ARTICLES AND METHOD OF MAKING THE SAME**
[54] **ARTICLES COMPOSITES FIBREUX ET LEUR PROCEDE DE FABRICATION**
[72] KOCH, ROGER E., US
[72] WALSH, JOHN PETER, US
[72] LIANG, BEI-HONG, US
[72] DONG, HANMIN, US
[72] ALLEN, BOB, US
[72] CHAN, WEN-NING (SALLY), US
[71] MASONITE CORPORATION, US
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[54] **THE USE OF TIAGABINE FOR TREATMENT OF DIABETIC NEUROPATHY AND MIGRAINE**
[54] **UTILISATION DE TIAGABINE POUR LE TRAITEMENT DE NEUROPATHIE ET DE MIGRAINE LIEES AU DIABETE**
[72] COLLINS, STEPHEN D., US
[72] DEATON, ROGER L., US
[72] GILBERT, ADRIENNE L., US
[72] GIARDINA, WILLIAM J., US
[71] ABBOTT LABORATORIES, US
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[13] A1

[51] **Int.Cl. 7G06F 17/60 7F25D 23/00**
[25] EN
[54] **METHOD AND APPARATUS FOR KEEPING A CHECK ON THE STORAGE TIME FOR GOODS IN A STORAGE**
[54] **PROCEDE ET APPAREIL DE CONTROLE DE LA DUREE DE STOCKAGE DE PRODUITS DANS UNE UNITE DE STOCKAGE**
[72] ROSEEN, RUTGER, SE
[71] ROSEEN, RUTGER, SE
[85] 2003-02-06
[86] 2001-08-07 (PCT/SE2001/001722)
[87] 2002-02-21 (WO2002/015073)
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[25] EN
[54] **CATALYSTS CONTAINING PER-ORTHO ARYL SUBSTITUTED ARYL OR HETEROARYL SUBSTITUTED NITROGEN DONORS**
[54] **CATALYSEURS CONTENANT UN ARYLE ORTHOSUBSTITUE ARYLE OU DES DONNEURS D'AZOTE SUBSTITUE HETEROARYLE**
[72] PONASIK, JAMES ALLEN JR., US
[72] SMITH, THOMAS WILLIAM, US
[72] BARRETT, ANTHONY GERARD MARTIN, GB
[72] PEARSON, JASON CLAY, US
[72] MOODY, LESLIE SHANE, US
[72] LAVOIE, GINO GEORGES, US
[72] KILLIAN, CHRISTOPHER MOORE, US
[72] MACKENZIE, PETER BORDEN, US
[71] EASTMAN CHEMICAL COMPANY, US
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[25] EN
[54] **EMERGENCY WARNING DEVICE**
[54] **DISPOSITIF D'ALARME**
[72] MARKS, BEVERLEY, GB
[72] HUTCHISON, JAMES BROOKS, GB
[71] PETARDS EMERGENCY SERVICES LTD., GB
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[13] A1

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[54] **QUINOLINONE DERIVATIVES**
[54] **DERIVES DE QUINOLINONE**
[72] MCBRIDE, CHRIS, US
[72] JAZAN, ELISA, US
[72] MACHAJEWSKI, TIM, US
[72] RENHOWE, PAUL, US
[72] SHAFER, CYNTHIA, US
[72] TAYLOR, CLARKE, US
[72] MCCREA, BILL, US
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[54] **SOLID STATE REDUCTION OF OXIDES**
[54] **REDUCTION D'OXYDES SOUS FORME SOLIDE**
[72] JOHNSTON, RANKIN FINDLAY, AU
[72] ANACLETO, NATHANIEL, AU
[72] OSTROVSKI, OLEG, AU
[72] YASTREBOFF, MICHAEL, AU
[72] GANGULY, SAMIR, AU
[71] UNISEARCH LIMITED, AU
[71] TEMCO PTY LTD, AU
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[30] AU (PQ 2976) 1999-09-20

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[54] **PROCEDES D'ANALYSE ET D'UTILISATION DE DONNEES PROVENANT DE PATIENTS SOUFFRANT D'HYPERTENSION**
[72] LARAGH, JOHN H., US
[71] LARAGH, JOHN H., US
[85] 2003-02-26
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[87] 2002-03-14 (WO2002/019894)
[30] US (09/657,027) 2000-09-07
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[54] **COKE OVEN DOOR WITH GAS CHANNEL AND DOOR SEALING STRIP**
[54] **PORTE DE FOUR A COKE COMPORTANT UN CANAL A GAZ**
[72] CYRIS, FRIEDRICH-WILHELM, DE
[72] GIERTZ, HANS-JOSEF, DE
[72] ROSSA, FRANK, DE
[72] LIESEWITZ, FRANZ, DE
[71] DEUTSCHE MONTAN TECHNOLOGIE GMBH, DE
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[87] 2001-05-03 (WO2001/030939)
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[30] DE (100 48 678.9) 2000-09-30

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[54] **BIOMETRIC IDENTIFICATION AT THE PHARMACY**
[54] **IDENTIFICATION BIOMETRIQUE A LA PHARMACIE**
[72] FEINGOLD, CINDI, US
[72] HARICH, AMY, US
[71] CATALINA MARKETING INTERNATIONAL, INC., US
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[87] 2002-03-07 (WO2002/019141)
[30] US (09/651,297) 2000-08-30

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[13] A1

[51] **Int.Cl. 7C07D 498/00 7C07D 263/52**
[25] EN
[54] **COMPOUNDS CONTAINING OXAZOLIDINONE MOIETY AND USES THEREOF**
[54] **COMPOSES CONTENANT UN FRAGMENT D'OXAZOLIDINONE ET UTILISATIONS**
[72] SHI, YIAN, US
[71] COLORADO STATE UNIVERSITY RESEARCH FOUNDATION, US
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[86] 2001-08-28 (PCT/US2001/027069)
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[30] US (60/228,552) 2000-08-28

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[51] **Int.Cl. 7H01G 9/022 7H01G 9/035**
[25] EN
[54] **ELECTROCHEMICAL DOUBLE-LAYER CAPACITOR**
[54] **CONDENSATEUR A DOUBLE COUCHE ELECTROCHIMIQUE**
[72] VARAKIN, IGOR NIKOLAEVICH, RU
[72] STEPANOV, ALEXEI BORISOVICH, RU
[72] SAMITIN, VIKTOR VASILIEVICH, RU
[71] ZAKRYTOE AKTSIONERNOE OBSHESTVO "ELTON", RU
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[51] **Int.Cl. 7C12Q 1/00**
[25] EN
[54] **AN ELECTRONIC DATABASE OF ENZYME SUBSTRATE AND ENZYME INHIBITOR STRUCTURES**
[54] **BASE DE DONNES ELECTRONIQUE DE STRUCTURES DE SUBSTRATS D'ENZYMES ET D'INHIBITEURS D'ENZYMES**
[72] FAERMAN, CARLOS H., US
[72] CONNELLY, PATRICK, US
[71] THE ALTHEXIS COMPANY, INC., US
[85] 2003-03-05
[86] 2001-09-04 (PCT/US2001/027371)
[87] 2002-03-14 (WO2002/020826)
[30] US (60/230,551) 2000-09-05

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[25] EN
[54] **A METHOD FOR TREATING ALLERGIES**
[54] **METHODE DE TRAITEMENT DES ALLERGIES**
[72] SUN, SIQUAN, US
[72] THURMOND, ROBIN L., US
[72] KARLSSON, LARS, US
[72] GU, YIN, US
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US
[85] 2003-03-05
[86] 2001-09-05 (PCT/US2001/027441)
[87] 2002-03-14 (WO2002/020002)
[30] US (60/230,407) 2000-09-06

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[51] **Int.Cl. 7B23Q 1/01 7B23Q 11/00 7B23Q 11/08**
[25] EN
[54] **COLUMN-TYPE MACHINE TOOL**
[54] **MACHINE-OUTIL A COLONNE**
[72] STUDEMANN, BERND, DE
[72] JODL, WERNER, DE
[71] DS TECHNOLOGIE WERKZEUGMASCHINENBAU GMBH, DE
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[87] 2002-04-18 (WO2002/030615)
[30] DE (100 50 141.9) 2000-10-11

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[54] **NOUVEAUX TRAITEMENTS DESTINES AU SYNDROME DES JAMBES SANS REPOS**
[72] ANDERSON, RICHARD WAYNE, US
[72] MCBRINN, SYLVIA, US
[71] PHARMACIA & UPJOHN COMPANY, US
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[51] **Int.Cl. 7C08F 8/30**
[25] EN
[54] **IMIDATE-CONTAINING FLUOROPOLYMER COMPOSITIONS**
[54] **COMPOSITIONS DE FLUOROPOLYMERES A TENEUR EN IMIDATE**
[72] GROOTAERT, WERNER M. A., US
[72] KOLB, ROBERT E., US
[72] HINTZER, KLAUS, US
[72] SCHWERTFEGGER, WERNER, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[51] **Int.Cl. 7E21B 29/02 7E21B 27/00 7E21B 29/06 7E21B 17/07 7E21B 7/08**
[25] EN
[54] **METHODS AND APPARATUS FOR FORMING A LATERAL WELLBORE**
[54] **PROCEDES ET APPAREIL DESTINES A FORMER UN Puits DE FORAGE LATERAL**
[72] BRUNNERT, DAVID, US
[72] BADRAK, ROBERT, US
[72] SIMPSON, NEIL ALEXANDER ABERCROMBIE, GB
[72] HAUGEN, DAVID MICHAEL, US
[72] TILTON, FREDERICK THOMAS, US
[72] GRAY, KEVIN LEON, US
[71] WEATHERFORD/LAMB, INC., US
[85] 2003-02-25
[86] 2001-09-10 (PCT/GB2001/004045)
[87] 2002-03-21 (WO2002/023008)
[30] US (09/658,858) 2000-09-11

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[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD TO ENABLE CUSTOMERS TO RESPOND TO PRICES IN A POOL TYPE ENERGY MARKET**
[54] **PROCEDE DESTINE A PERMETTRE AUX CLIENTS DE REpondre AUX PRIX DANS UN MARCHE DE L'ENERGIE DE TYPE COMMUN**
[72] PERERA, A. LASANTHA M., AU
[71] PERERA, A. LASANTHA M., AU
[85] 2003-02-05
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[87] 2002-02-28 (WO2002/017151)
[30] AU (PQ 9576) 2000-08-21

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[25] EN
[54] **CHEMOKINE RECEPTOR BINDING HETEROCYCLIC COMPOUNDS**
[54] **COMPOSES HETEROCYCLIQUES SE LIANT AU REcepteur DE LA CHIMIOKINE**
[72] DI FLURI, ROSARIA MARIA, CA
[72] SCHOLS, DOMINIQUE, BE
[72] SMITH, CHRISTOPHER DENNIS, CA
[72] SKERLJ, RENATO T., CA
[72] KALLER, AL, CA
[72] ZHOU, YUANXI, CA
[72] BRIDGER, GARY, US
[72] MCEACHERN, ERNEST J., CA
[72] ATSMAN, BERM, CA
[72] CRAWFORD, JASON, CA
[72] NAN, SIQIAO, CA
[72] WILSON, TREVOR R., CA
[72] BOGUCKI, DAVID, CA
[72] HARWIG, CURTIS, CA
[71] ANORMED, INC., CA
[85] 2003-02-11
[86] 2001-09-17 (PCT/US2001/029590)
[87] 2002-05-02 (WO2002/034745)
[30] US (60/234,510) 2000-09-22
[30] US (60/234,816) 2000-09-22
[30] US (60/232,891) 2000-09-15
[30] US (60/233,087) 2000-09-15

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[13] A1

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[25] EN
[54] **METHOD OF SPINNING A PULLEY FROM A TUBULAR BLANK**
[54] **PROCEDE DE MISE EN GIRATION D'UNE POULIE A PARTIR D'UNE EBAUCHE TUBULAIRE**
[72] HODJAT, YAHYA, US
[71] THE GATES CORPORATION, US
[85] 2003-02-12
[86] 2001-08-29 (PCT/US2001/026923)
[87] 2002-03-14 (WO2002/020192)
[30] US (09/654,606) 2000-09-01

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[13] A1

[51] **Int.Cl. 7B41M 7/00 7B42D 15/00 7G03G 7/00 7B42D 15/10 7B41M 3/14 7G03H 1/18**
[25] EN
[54] **LAMINATED IMAGE PRINTING**
[54] **IMPRESSION D'IMAGES PLASTIFIEES**
[72] LANDA, BENZION, IL
[72] ASHKENAZI, ITZHAK, IL
[72] LIOR, ISHAI AU, IL
[71] HEWLETT-PACKARD INDIGO B.V., NL
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[86] 2000-09-03 (PCT/IL2000/000522)
[87] 2002-03-07 (WO2002/018151)

[21] **2,422,306**
[13] A1

[51] **Int.Cl. 7C12Q 1/26 7C12Q 1/00 7C12Q 1/44 7G01N 33/53**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DETECTING AND QUANTIFYING COX-2 ACTIVITY AND 2-ARACHIDONYLGLYCEROL METABOLITES**
[54] **COMPOSITIONS ET METHODES DESTINEES A DETECTER ET QUANTIFIER L'ACTIVITE DE LA COX-2 ET LES METABOLITES DU 2-ARACHIDONYLGLYCEROL**
[72] MARNETT, LAWRENCE J., US
[72] KOZAK, KEVIN R., US
[71] VANDERBILT UNIVERSITY, US
[85] 2003-02-07
[86] 2001-08-07 (PCT/US2001/024762)
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[30] US (60/223,665) 2000-08-07
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[25] FR
[54] **PROCODE DE SYNTHESE DE MATERIAUX REDOX ENROBES DE CARBONE A TAILLE CONTROLEE**
[54] **METHOD FOR SYNTHESIS OF CARBON-COATED REDOX MATERIALS WITH CONTROLLED SIZE**
[72] MAGNAN, JEAN-FRANCOIS, CA
[72] GAUHTIER, MICHEL, CA
[72] RAVET, NATHALIE, CA
[72] ARMAND, MICHEL, CA
[71] HYDRO-QUEBEC, CA
[85] 2003-02-04
[86] 2001-09-21 (PCT/CA2001/001349)
[87] 2002-04-04 (WO2002/027823)
[30] CA (2,320,661) 2000-09-26

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[13] A1
[51] **Int.Cl. 7G02B 6/00**
[25] EN
[54] **MANUFACTURING A FIBER BRAGG GRATING AND A MASK USED IN THE FABRICATION OF A FIBER BRAGG GRATING**
[54] **FABRICATION DE RESEAUX DE BRAGG EN FIBRES ET MASQUE UTILISE DANS LA FABRICATION DESDITS RESEAUX**
[72] POPELEK, JAN, US
[72] ROTHENBERG, JOSHUA E., US
[72] ZWEIBACK, JASON, US
[72] CALDWELL, ROGER F., US
[71] PHAETHON COMMUNICATIONS, US
[85] 2003-03-13
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[87] 2002-03-28 (WO2002/025327)
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[54] **DISPERSION OPTIQUE REGLABLE REPOSANT SUR L'UTILISATION DE DEUX RESEAUX DE BRAGG A FIBRES A TEMPS DE PROPAGATION DE GROUPE NON LINEAIRE**
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[71] PHAETHON COMMUNICATIONS, US
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[51] **Int.Cl. 7G09G 5/00**
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[54] **SYSTEM AND METHOD FOR DYNAMIC INTERACTION WITH REMOTE DEVICES**
[54] **SYSTEME ET PROCEDE D'INTERACTION DYNAMIQUE AVEC DES APPAREILS A DISTANCE**
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[72] ALEXANDER, BRUCE, US
[71] VIGILOS, INC., US
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[54] **RESEAUX DE BRAGG ECHANTILLONNES, EFFICACES, DESTINES A DES APPLICATIONS DE MULTIPLEXAGE EN LONGUEUR D'ONDE**
[72] ROTHENBERG, JOSHUA E., US
[72] ZWEIBACK, JASON, US
[72] LI, YAO, US
[72] LI, HONGPU, US
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[25] EN
[54] **METHOD FOR GLUCOSE PRODUCTION WITH A MODIFIED CELLULASE MIXTURE**
[54] **PROCEDE DE PRODUCTION DE GLUCOSE A RECUPERATION ET REUTILISATION ENZYMATIQUES AMELIOREES**
[72] FOODY, BRIAN, CA
[72] DONALDSON, JENNIFER, CA
[72] TOLAN, JEFFREY S., CA
[72] WHITE, THERESA C., CA
[71] IOGEN ENERGY CORPORATION, CA
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[54] **IN VITRO ASSAY FOR**
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OF A VACCINE
[54] **DOSAGE IN VITRO DESTINE A**
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VACCIN
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[72] STROUSE, ROBERT J., US
[72] SCHENERMAN, MARK A., US
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[54] **NON-DESTRUCTIVE**
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EVALUATION SYSTEM FOR INTACT
AIRCRAFT AND COMPONENTS AND
METHODS THEREFORE
[54] **SYSTEME NON DESTRUCTIF**
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D'EVALUATION PERMETTANT
D'INSPECTER UN AVION INTACT ET
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[71] AEROBOTICS, INC., US
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ENERGY OF GAS EXPANSION AND A
RECOVERY DEVICE FOR CARRYING
OUT SAID METHOD
[54] **PROCEDE D'UTILISATION DE**
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ET INSTALLATION D'UTILISATION
DE L'ENERGIE DESTINEE A LA MISE
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[72] KISELEV, OLEG MIKHAILOVICH,
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[72] VASILJEV, VLADIMIR
YAROSLAVOVICH, RU
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HARVESTING HEAD DISK SAW
[54] **SCIE CIRCULAIRE A DENTS ET**
SUPPORTS POUR TETE D'ABATTAGE
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[72] BUTLER, JEFFRY A., US
[71] CATERPILLAR INC., US
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[54] **IN SITU BIOPROSTHETIC FILLER**
AND METHODS, PARTICULARLY FOR
THE IN SITU FORMATION OF
VERTEBRAL DISC BIOPROSTHETICS
[54] **REPLISSEUR DE**
BIOPROTHESES IN-SITU ET
PROCEDES ASSOCIES, EN
PARTICULIER POUR LA FORMATION
IN-SITU DE BIOPROTHESES DE
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[72] WALSH, STEVEN P., US
[72] YUKSEL, K. UMIT, US
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[25] EN
[54] **BENZIMIDAZOLES AND**
METHODS FOR USE THEREOF IN THE
TREATMENT OF CANCER OR VIRAL
INFECTIONS
[54] **COMPOSES ET METHODES DE**
TRAITEMENT DU CANCER ET
D'INFECTIONS VIRALES
[72] CAMDEN, JAMES BERGER, US
[72] QUADA, JAMES C., JR., US
[72] AGYIN, JOSEPH K., US
[71] THE UNIVERSITY OF ARIZONA
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[25] EN
[54] **SNACK BAR WITH NUT SPREAD**
FILLING
[54] **BARRE ALIMENTAIRE**
[72] BEHARRY, CHRISTOPHER R., US
[71] THE J.M. SMUCKER COMPANY, US
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[54] **NETWORK TELEPHONY APPLIANCE AND SYSTEM SUPPORTING WIRELESS INTERNET TELEPHONY**
[54] **DISPOSITIF DE TELEPHONIE SUR RESEAU ET SYSTEME DE PRISE EN CHARGE DE TELEPHONIE SANS FIL SUR INTERNET**
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[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US
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[25] EN
[54] **MEDICAL GRASPING DEVICE**
[54] **DISPOSITIF DE PREHENSION MEDICAL**
[72] GREENBERG, ROY K., US
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[72] PAUL, RAM H., JR., US
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[51] **Int.Cl. 7G06F 17/60**
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[54] **SYSTEM AND METHOD FOR ACCOUNT RECONCILIATION**
[54] **SYSTEME ET PROCEDE DE RAPPROCHEMENT DE COMPTES**
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[71] AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC., US
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[51] **Int.Cl. 7G06K 9/36**
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[54] **METHOD FOR CONDUCTING ANALYSIS OF TWO-DIMENSIONAL IMAGES**
[54] **PROCEDE PERMETTANT DE MENER A BIEN L'ANALYSE D'IMAGES A DEUX DIMENSIONS**
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[71] LIMBIC SYSTEMS, INC., US
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[51] **Int.Cl. 7H04J 14/02 7H04Q 11/00**
[25] EN
[54] **OPTICAL TRANSMISSION SYSTEMS INCLUDING OPTICAL PROTECTION SYSTEMS, APPARATUSES, AND METHODS**
[54] **SYSTEMES DE TRANSMISSION OPTIQUE COMPORTANT DES SYSTEMES DE PROTECTION OPTIQUE, Y COMPRIS DIVERS APPAREILS ET PROCEDES**
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[72] WESTON-DAWKES, JONATHAN L., US
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[51] **Int.Cl. 7C23F 4/00 7C23C 14/02 7C23G 3/02 7H01J 37/32 7H01J 37/34 7C21D 1/56**
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[54] **PROCEDE ET DISPOSITIF POUR TRAITER DES SUBSTRATS METALLIQUES AU DEFILE PAR PLASMA**
[54] **METHOD AND DEVICE FOR PLASMA TREATMENT OF MOVING METAL SUBSTRATES**
[72] WEYMEERSCH, ALAIN, BE
[72] VANDEN BRANDE, PIERRE, BE
[71] COLD PLASMA APPLICATIONS, BE
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[51] **Int.Cl. 7A47F 3/00 7A47B 47/00 7E04B 2/00 7F16B 12/20 7F16B 12/46 7F16B 12/50 7E04B 1/684 7E04B 1/686 7E04B 2/72**
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[54] **A JOINT ARRANGEMENT FOR DEMOUNTABLE STRUCTURE**
[54] **JOINT POUR STRUCTURE DEMONTABLE**
[72] FRANK, MANFRED JOHANNES, NZ
[71] MANFRED FRANK PATENT HOLDINGS LIMITED, NZ
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[51] **Int.Cl. 7A61M 5/48 7A61M 5/44**
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[54] **CONSTANT PRESSURE APPARATUS FOR THE ADMINISTRATION OF FLUIDS INTRAVENOUSLY**
[54] **APPAREIL A PRESSION CONSTANTE POUR L'ADMINISTRATION DE LIQUIDES PAR VOIE INTRAVEINEUSE**
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[72] SEGAL, BARUCH, IL
[72] RADOMSKI, RONEN, IL
[71] CYCLO-PHARM LTD., IL
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[54] **POLY-INDUCTION ENERGY TURBINE WITHOUT BACK DRAUGHT**
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[71] NIVESH SA, FR
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[54] **PROCESS FOR COLORING A TEXTILE SUBSTRATE**
[54] **PROCESSUS PERMETTANT DE COLOSER UN SUBSTRAT DE TEXTILE**
[72] WENSTRUP, DAVID E., US
[71] MILLIKEN & COMPANY, US
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[30] US (09/586,202) 2000-06-02

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[54] **NEW CROSS-LINKED DERIVATIVES OF HYALURONIC ACID**
[54] **NOUVEAUX DERIVES RETICULES D'ACIDE HYALURONIQUE**
[72] FRANCESCANGELI, ANDREA, IT
[72] RENIER, DAVIDE, IT
[72] CRESCENZI, VITTORIO, IT
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[25] EN
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[54] **UTILISATION DE COMPOSITIONS A BASE D'AMIDON DANS LA FABRICATION DU PAPIER**
[72] ANDERSON, KEVIN RAY, US
[72] GARLIE, DAVID EDWARD, US
[71] CARGILL INCORPORATED, US
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[54] **INSTRUMENTS ET DETECTION INFORMATISES DESTINES A L'APPRENTISSAGE DE L'EXAMEN PHYSIQUE**
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[72] LEIGHT, SUSAN B., US
[72] NUTTER, ROY S., US
[71] WEST VIRGINIA UNIVERSITY, US
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[54] **ENSEMBLE ESSIEU DIRECTEUR**
[72] DAVIS, MARK ALAN, US
[71] DANA CORPORATION, US
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[54] **CLIP REMOVING TOOL AND CLIP REMOVING METHOD**
[54] **OUTIL ET PROCEDE POUR ENLEVER DES AGRAFES**
[72] NOMURA, YOSHIKAZU, JP
[72] HAYASHI, YUKIO, JP
[72] TAMAKI, YASUHIRO, JP
[72] FUJIWARA, KUNIHICO, JP
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[13] A1

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[25] EN
[54] **DEVICE FOR STOPPING A BOTTLE AGAINST APPLIED TORQUE**
[54] **DISPOSITIF POUR BLOQUER UNE BOUTEILLE LORS DE L'APPLICATION D'UN COUPLE DE ROTATION**
[72] HOSS, HANS, DE
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
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[13] A1

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[25] EN
[54] **HIGH POWER NICKEL-METAL HYDRIDE BATTERIES AND HIGH POWER ALLOYS/ELECTRODES FOR USE THEREIN**
[54] **BATTERIES HYBRIDES NICKEL-METAL A PUISSANCE ELEVEE ET ALLIAGES/ELECTRODES A PUISSANCE ELEVEE DESTINES A CELLES-CI**
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[72] OVSHINSKY, STANFORD R., US
[71] OVONIC BATTERY COMPANY, INC., US
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[25] EN
[54] **DEVICE FOR REDUCTION OF THE ANAL CUSHIONS IN THE TREATMENT OF MINOR HEMORRHOIDAL DISEASE**
[54] **DISPOSITIF DE REDUCTION D'UN COUSSIN ANAL DANS LE TRAITEMENT D'UNE MALADIE HEMORROIDALE MINEURE**
[72] LEE, SIN HANG, US
[71] LEE, SIN HANG, US
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[54] **POLISSAGE AU LASER DE DISPOSITIFS MEDICAUX**
[72] FLANAGAN, AIDEN, IE
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2003-02-13
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[54] **LOTTERY TICKET PLAY ACTION GAME**
[54] **BILLET DE LOTERIE AVEC UN JEU D'ACTION**
[72] COUELLE, ETIENNE, US
[72] SCHAEFER, CARLA, US
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[30] US (60/225,836) 2000-08-16

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[51] **Int.Cl. 7H04Q 7/22**
[25] EN
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[54] **PROCEDE DE REALISATION D'UNE DEMANDE DANS UN RESEAU DE TELECOMMUNICATIONS**
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[71] MOBILE MIRROR OY, FI
[85] 2003-03-25
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[30] FI (20002299) 2000-10-18
[30] US (60/254,643) 2000-12-06
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[13] A1

[51] **Int.Cl. 7A47L 5/28**
[25] EN
[54] **LOW-PROFILE AND HIGHLY-MANEUVERABLE VACUUM CLEANER**
[54] **ASPIRATEUR SURBAISSE ET TRES FACILEMENT MANOEUVRABLE**
[72] TEITZMAN, MEL, US
[72] MILLARD, JEFFREY A., US
[72] MOSHENROSE, PAUL A., US
[72] BOURGEOIS, OWEN T., US
[72] PATERSON, CHRIS M., US
[72] VERDURA, JAVIER, US
[71] ORECK HOLDINGS, LLC, US
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[21] **2,423,733**
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[51] **Int.Cl. 7C07C 259/06 7A61P 29/00 7A61P 35/00 7A61P 43/00 7A61P 19/02 7A61P 1/04 7A61P 31/04 7A61P 37/06 7A61P 3/10 7A61K 31/17 7A61K 31/18 7C07C 311/21 7C07C 335/22 7C07D 295/22 7C07C 311/29 7C07D 215/36 7C07C 275/42 7C07C 311/44 7A61K 31/44 7A61K 31/4402 7A61K 31/4406 7A61K 31/4409 7A61K 31/4453 7C07C 311/46 7A61K 31/47 7C07D 213/74 7C07D 213/89**
[25] EN
[54] **NOVEL PROPENOHYDROXAMIC ACID DERIVATIVES**
[54] **NOUVEAUX DERIVES D'ACIDE PROPENOHYDROXAMIQUE**
[72] HIRATA, TERUKAGE, JP
[72] MISUMI, KEIJI, JP
[72] ITO, KENJI, JP
[72] INOKUMA, KENICHI, JP
[72] KATAYAMA, KIMIKO, JP
[71] WAKUNAGA PHARMACEUTICAL CO., LTD., JP
[85] 2003-02-14
[86] 2001-08-27 (PCT/JP2001/007292)
[87] 2003-02-14 (WO2002/018326)
[30] JP (2000-263094) 2000-08-31

[21] **2,423,741**
[13] A1

[51] **Int.Cl. 7G06T 9/00**
[25] EN
[54] **A METHOD OF PROCESSING DATA PACKETS**
[54] **PROCEDE DE TRAITEMENT DE PAQUETS DE DONNEES**
[72] WEST, MARK, GB
[72] HANCOCK, ROBERT, GB
[72] MCCANN, STEPHEN, GB
[71] ROKE MANOR RESEARCH LIMITED, GB
[85] 2003-03-25
[86] 2001-09-26 (PCT/GB2001/004308)
[87] 2002-04-04 (WO2002/026860)
[30] GB (0023766.9) 2000-09-28
[30] GB (0102158.3) 2001-01-29

[21] **2,423,755**
[13] A1

[51] **Int.Cl. 7F01D 17/14 7F04D 29/46**
[25] EN
[54] **VARIABLE GEOMETRY TURBOCHARGER WITH SLIDING PISTON**
[54] **TURBOCOMPRESSEUR A GEOMETRIE VARIABLE AVEC PISTON COULISSANT**
[72] PERRIN, JEAN-LUC HUBERT, FR
[72] MULLER, PHILIPPE JOSEPH, FR
[72] LOMBARD, ALAIN RENE, FR
[72] RUFFINONI, MARYLENE, FR
[72] ESPASA, OLIVIER, FR
[71] HONEYWELL GARRETT SA, FR
[85] 2003-03-25
[86] 2000-11-30 (PCT/FR2000/003350)
[87] 2002-06-06 (WO2002/044527)

[21] **2,423,762**
[13] A1

[51] **Int.Cl. 7E21B 17/14 7E21B 17/04 7E21B 17/042 7E21B 21/10 7E21B 43/10 7F16L 13/14**
[25] EN
[54] **CEMENT SHOE ASSEMBLY FOR MONOBORE WELL**
[54] **ENSEMBLE SABOT DE CIMENT POUR TROU DE FORAGE A DIAMETRE CONSTANT**
[72] BOUDREAU, JOSEPH JUDE, US
[72] DUPRE, THOMAS A., US
[72] SEELY, PATRICK JOHN, US
[72] HEBERT, JOHN EMILE, US
[71] WEATHERFORD/LAMB, INC., US
[85] 2003-03-25
[86] 2001-10-15 (PCT/GB2001/004584)
[87] 2002-04-25 (WO2002/033212)
[30] US (09/692,592) 2000-10-19

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[21] **2,423,766**
[13] A1

[51] **Int.Cl. 7E21B 43/08 7B01D 29/15 7E03B 3/26**
[25] EN
[54] **FILTER APPARATUS FOR USE IN WATER WELLS**
[54] **APPAREIL DE FILTRATION A UTILISER DANS DES PUITTS D'EAU**
[72] PARRIS, DANIEL M., US
[72] BUCKNER, A. WAYNE (DECEASED), US
[71] WEATHERFORD/LAMB, INC., US
[85] 2003-03-25
[86] 2001-11-07 (PCT/GB2001/004937)
[87] 2002-05-30 (WO2002/042604)
[30] US (09/721,474) 2000-11-22

[21] **2,423,770**
[13] A1

[51] **Int.Cl. 7G07F 7/10 7H04M 1/215**
[25] EN
[54] **SYSTEM FOR PAYMENT DATA EXCHANGE AND PAYMENT TERMINAL DEVICE USED THEREIN**
[54] **SYSTEME D'ECHANGE DE DONNES DE PAIEMENT ET TERMINAL DE PAIEMENT UTILISE**
[72] PAVLIC, BOGDAN, SI
[72] POLUTNIK, ALEKSANDER, SI
[71] ULTRA PROIZVODNJA ELEKTRONSKIH NAPRAV D.O.O., SI
[85] 2003-03-25
[86] 2000-10-18 (PCT/IB2000/001495)
[87] 2002-04-25 (WO2002/033669)

[21] **2,423,789**
[13] A1

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[25] EN
[54] **BRIDGED PIPERAZINE DERIVATIVES**
[54] **DERIVES DE PIPERAZINE PONTES**
[72] BROWN, MATTHEW FRANK, US
[72] GLADUE, RONALD PAUL, US
[72] BLUMBERG, LAURA COOK, US
[72] POSS, CHRISTOPHER STANLEY, US
[71] PFIZER PRODUCTS INC., US
[85] 2003-03-25
[86] 2001-10-04 (PCT/IB2001/001844)
[87] 2002-04-25 (WO2002/032901)
[30] US (60/241,804) 2000-10-19

[21] **2,423,792**
[13] A1

[51] **Int.Cl. 7C07D 417/14 7C07D 401/04 7A61P 3/04 7C07D 271/06 7C07D 285/06 7C07D 271/10 7A61P 3/10 7C07D 231/12 7C07D 401/12 7C07D 413/12 7C07D 417/12 7C07D 409/14 7C07D 277/24 7C07D 263/32 7A61K 31/4164 7A61K 31/421 7A61K 31/426 7A61K 31/4439 7A61K 31/444 7C07D 233/64**
[25] EN
[54] **ALPHA-ARYL ETHANOLAMINES AND THEIR USE AS BETA-3 ADRENERGIC RECEPTOR AGONISTS**
[54] **ETHANOLAMINES ALPHA-ARYLE ET UTILISATION DE CES DERNIERES EN TANT QU'AGONISTES DU RECEPTEUR ADRENERGIQUE BETA-3**
[72] DAY, ROBERT FRANCIS, US
[72] LAFONTAINE, JENNIFER ANNE, US
[71] PFIZER PRODUCTS INC., US
[85] 2003-03-25
[86] 2001-10-04 (PCT/IB2001/001847)
[87] 2002-04-25 (WO2002/032897)
[30] US (60/242,274) 2000-10-20

[21] **2,423,800**
[13] A1

[51] **Int.Cl. 7A61K 31/4184 7A61P 43/00 7C07D 401/04 7C07D 471/04 7C07D 401/12 7C07D 403/12 7C07D 405/12 7C07D 409/12 7C07D 413/12 7C07D 417/12 7A61P 31/12 7A61P 1/16 7C07D 235/18 7C07D 235/30 7A61K 31/42 7A61K 31/427 7A61K 31/437 7A61K 31/4439 7A61K 31/4523 7A61K 31/496 7A61K 31/506 7A61K 31/55**
[25] EN
[54] **FUSED CYCLIC COMPOUNDS AND MEDICINAL USE THEREOF**
[54] **COMPOSES CYCLIQUES CONDENSES ET UTILISATIONS MEDICALES DE CEUX-CI**
[72] HASHIMOTO, HIROMASA, JP
[72] YOSHIDA, ATSUHITO, JP
[72] MIZUTANI, KENJI, JP
[71] JAPAN TOBACCO INC., JP
[85] 2003-03-25
[86] 2002-06-26 (PCT/JP2002/006405)
[87] 2003-03-25 (WO2003/000254)
[30] JP (2001-193786) 2001-06-26
[30] JP (2001-351537) 2001-11-16

[21] **2,423,807**
[13] A1

[51] **Int.Cl. 7E04B 1/24 7E04B 7/06 7E04C 3/09**
[25] EN
[54] **WEB CONNECTOR**
[54] **RACCORD D'AMES**
[72] RASSEL, DOUGLAS A., US
[71] AEGIS METAL FRAMING LLC, US
[85] 2003-03-25
[86] 2001-08-24 (PCT/US2001/026523)
[87] 2002-07-11 (WO2002/053846)
[30] US (09/754,751) 2001-01-04

[21] **2,423,809**
[13] A1

[51] **Int.Cl. 7C07F 7/00 7C08F 10/00**
[25] EN
[54] **CATALYSTS FOR OLEFIN POLYMERIZATION**
[54] **CATALYSEURS DE POLYMERISATION D'OLEFINES**
[72] LIU, JIA-CHU, US
[71] EQUICSTAR CHEMICALS, LP, US
[85] 2003-03-25
[86] 2001-10-10 (PCT/US2001/031609)
[87] 2002-05-30 (WO2002/042314)
[30] US (09/716,954) 2000-11-21

[21] **2,423,816**
[13] A1

[51] **Int.Cl. 7C08L 23/22 7C08L 21/00 7C08L 23/28**
[25] EN
[54] **POLYMER BLEND COMPATIBILIZATION USING ISOBUTYLENE-BASED BLOCK COPOLYMERS**
[54] **COMPTABILISATION DE MELANGES POLYMERES AU MOYEN DE COPOLYMERES BLOCS A BASE D'ISOBUTYLENE**
[72] TSE, MUN FU, US
[72] WANG, HSIEN-CHANG, US
[72] TSOU, ANDY H., US
[72] KRISHNAMOORTI, RAMANAN, US
[71] EXXONMOBIL CHEMICAL PATENTS, INC., US
[85] 2003-03-25
[86] 2001-10-11 (PCT/US2001/031620)
[87] 2002-04-25 (WO2002/032994)
[30] US (09/688,425) 2000-10-16

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[21] **2,423,819**
[13] A1

[51] **Int.Cl. 7G01N 30/90**
[25] EN
[54] **METHODS FOR QUANTITATIVE AND QUALITATIVE ANALYSES OF PHOSPHOLIPIDS USING ONE-DIMENSIONAL THIN LAYER CHROMATOGRAPHY**
[54] **METHODES D'ANALYSES QUANTITATIVES ET QUALITATIVES DE PHOSPHOLIPIDES PAR CHROMATOGRAPHIE UNIDIMENSIONNELLE SUR COUCHES MINCES**
[72] CUNANAN, CRYSTAL M., US
[72] DINH, TAN THANH, US
[72] TREMBLE, PATRICE, US
[72] CABILING, CHRISTINE MAY, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2003-03-25
[86] 2001-10-12 (PCT/US2001/032023)
[87] 2002-04-25 (WO2002/033399)
[30] US (09/693,186) 2000-10-19

[21] **2,423,824**
[13] A1

[51] **Int.Cl. 7G06F 17/50**
[25] EN
[54] **HARDWARE-ASSISTED DESIGN VERIFICATION SYSTEM USING A PACKET-BASED PROTOCOL LOGIC SYNTHESIZED FOR EFFICIENT DATA LOADING AND UNLOADING**
[54] **SYSTEME DE VERIFICATION DE CONCEPTION ASSISTEE PAR MATERIEL INFORMATIQUE AU MOYEN D'UNE LOGIQUE DE PROTOCOLE FONDE SUR DES PAQUETS SYNTHETISEE PERMETTANT UN CHARGEMENT ET UN DECHARGEMENT EFFICACES DE DONNEES**
[72] OHKAMI, TAKAHIDE, US
[71] QUICKTURN DESIGN SYSTEMS, INC., US
[85] 2003-03-25
[86] 2001-10-19 (PCT/US2001/050388)
[87] 2002-08-15 (WO2002/063507)
[30] US (60/242,407) 2000-10-20
[30] US (09/879,658) 2001-06-11

[21] **2,423,827**
[13] A1

[51] **Int.Cl. 7D21H 21/56 7D21H 23/26**
[25] EN
[54] **FOAM TREATMENT OF TISSUE PRODUCTS**
[54] **TRAITEMENT PAR MOUSSE DE PRODUITS EN PAPIER-LINGE**
[72] CAPIZZI, JOSEPH G., US
[71] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2003-03-25
[86] 2001-11-08 (PCT/US2001/047462)
[87] 2002-05-16 (WO2002/038865)
[30] US (60/246,771) 2000-11-08

[21] **2,423,859**
[13] A1

[51] **Int.Cl. 7C10L 1/00 7C10L 1/32**
[25] EN
[54] **LOW-EMISSIONS DIESEL FUEL EMULSIONS**
[54] **EMULSIONS DE CARBURANT DIESEL PEU POLLUANT**
[72] SPRAGUE, BARRY N., US
[72] VALENTINE, JAMES M., US
[71] CLEAN DIESEL TECHNOLOGIES, INC., US
[85] 2003-03-28
[86] 2001-09-28 (PCT/US2001/030606)
[87] 2002-04-04 (WO2002/026918)
[30] US (60/236,136) 2000-09-28

[21] **2,423,860**
[13] A1

[51] **Int.Cl. 7C07C 217/74 7A61P 25/00 7A61K 31/35 7C07C 215/42 7C07C 215/64**
[25] EN
[54] **SUBSTITUTED 1-AMINOBTAN-3-OL DERIVATIVES**
[54] **DERIVES DE 1-AMINOBTAN-3-OL SUBSTITUES**
[72] HAURAND, MICHAEL, DE
[72] CHIZH, BORIS, DE
[72] SUNDERMANN, CORINNA, DE
[72] BUSCHMANN, HELMUT, DE
[72] SUNDERMANN, BERND, DE
[72] JAGUSCH, UTZ-PETER, DE
[71] GRUNENTHAL GMBH, DE
[85] 2003-03-27
[86] 2001-09-28 (PCT/EP2001/011231)
[87] 2003-03-27 (WO2002/028817)
[30] DE (100 49 483.8) 2000-09-29

[21] **2,423,870**
[13] A1

[51] **Int.Cl. 7C12N 15/52 7C12P 13/08**
[25] EN
[54] **ESCHERICHIA COLI STRAINS WHICH OVER-PRODUCE L-THREONINE AND PROCESSES FOR THE PRODUCTION OF L-THREONINE BY FERMENTATION**
[54] **SOUCHES D'ESCHERICHIA COLI SUR-PRODUISANT DE LA L-THREONINE ET PROCEDE DE PRODUCTION DE L-THREONINE PAR FERMENTATION**
[72] LIAW, HUNGMING JAMES, US
[72] MAO, WEIYING, US
[72] BRADSHAW, JILL S., US
[72] YANG, YUEQIN, US
[71] ARCHER DANIELS MIDLAND COMPANY, US
[85] 2003-03-28
[86] 2001-09-28 (PCT/US2001/030558)
[87] 2002-04-04 (WO2002/026993)
[30] US (60/235,884) 2000-09-28

[21] **2,423,906**
[13] A1

[51] **Int.Cl. 7H04M 3/523**
[25] EN
[54] **SYSTEM AND PROCESS TO FACILITATE REMOTE CUSTOMER-SERVICE**
[54] **SYSTEME ET PROCEDE POUR FACILITER UN SERVICE CLIENTELE A DISTANCE**
[72] BAE, SUNG, CA
[71] HELPCASTER TECHNOLOGIES INC., CA
[85] 2003-03-27
[86] 2001-09-27 (PCT/CA2001/001370)
[87] 2002-04-04 (WO2002/028070)
[30] US (09/671,680) 2000-09-28

[21] **2,423,907**
[13] A1

[51] **Int.Cl. 7F16D 41/12**
[25] EN
[54] **AN OVERRUNNING CLUTCH**
[54] **ROUE LIBRE**
[72] JIN, FENG, CN
[71] JIN, FENG, CN
[85] 2003-03-28
[86] 2001-06-25 (PCT/CN2001/001038)
[87] 2003-03-28 (WO2002/027206)
[30] CN (00254031.2) 2000-09-29
[30] CN (01129231.8) 2001-06-18

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[21] **2,423,911**
[13] A1
[51] **Int.Cl. 7F27D 17/00**
[25] EN
[54] **POLLUTION ABATEMENT REACTOR SYSTEM HAVING NONPRISMATIC STRUCTURED MEDIA**
[54] **SYSTEME DE REACTEUR ANTIPOLLUTION COMPORTANT DES MILIEUX STRUCTURES NON PRISMATIQUES**
[72] KLOBUCAR, JOSEPH, US
[72] GUPTA, AJAY, US
[71] DURR ENVIRONMENTAL, INC., US
[85] 2003-03-28
[86] 2001-09-27 (PCT/US2001/030143)
[87] 2002-04-04 (WO2002/027252)
[30] US (09/670,236) 2000-09-28

[21] **2,423,923**
[13] A1
[51] **Int.Cl. 7E05D 5/12 7E05D 7/10 7E05D 5/14**
[25] EN
[54] **AUTOMOTIVE DOOR HINGE WITH STRUCTURALLY INTEGRATED PIVOT**
[54] **CHARNIERE DE PORTIERE D'AUTOMOBILE A PIVOT INTEGRE AU PLAN STRUCTURAL**
[72] GRUBER, RUDOLF, CA
[71] MULTIMATIC INC., CA
[85] 2003-03-27
[86] 2002-07-30 (PCT/CA2002/001193)
[87] 2003-02-13 (WO2003/012234)
[30] CA (2,354,796) 2001-08-02
[30] US (60/316,017) 2001-08-31

[21] **2,423,924**
[13] A1
[51] **Int.Cl. 7B01J 19/00 7C12Q 1/68**
[25] EN
[54] **HIGH DENSITY ARRAYS**
[54] **RESEAUX A HAUTE DENSITE**
[72] SWANSON, MELVIN J., US
[72] GUIRE, PATRICK E., US
[71] SURMODICS, INC., US
[85] 2003-03-26
[86] 2001-09-06 (PCT/US2001/028216)
[87] 2002-04-04 (WO2002/026376)
[30] US (09/670,766) 2000-09-27

[21] **2,423,926**
[13] A1
[51] **Int.Cl. 7H04N 7/167**
[25] EN
[54] **SYSTEM AND METHOD FOR RECORDING AND VIEWING CONDITIONALLY ACCESSIBLE VIDEO PROGRAMS**
[54] **SYSTEME ET PROCEDE D'ENREGISTREMENT ET DE VISIONAGE DE PROGRAMMES VIDEO ACCESSIBLES A CERTAINES CONDITIONS**
[72] PRICE, WILLIAM P., US
[72] BOYLE, WILLIAM B., US
[72] MASTERS, BRADLEY S., US
[72] KRAPF, RUSSELL M., US
[71] KEEN PERSONAL MEDIA, INC., US
[85] 2003-03-27
[86] 2001-09-26 (PCT/US2001/030169)
[87] 2002-04-11 (WO2002/030118)
[30] US (09/676,629) 2000-09-30

[21] **2,423,928**
[13] A1
[51] **Int.Cl. 7A23D 7/00 7A23L 1/24**
[25] EN
[54] **EDIBLE EMULSION COMPRISING LIVE MICRO-ORGANISMS AND DRESSINGS OR SIDE SAUCES COMPRISING SAID EDIBLE EMULSION**
[54] **EMULSION COMESTIBLE COMPRENANT DES MICRO-ORGANISMES VIVANTS ET ASSAISONNEMENTS OU SAUCES D'ACCOMPAGNEMENT COMPRENANT CETTE EMULSION**
[72] GENEAU DE LAMARLIERE, ISABELLE, FR
[72] FRANCH, GILLES, FR
[72] BECK NEE TRESCOL, LAURENCE, FR
[71] UNILEVER PLC, GB
[85] 2003-04-03
[86] 2001-10-04 (PCT/EP2001/011431)
[87] 2002-04-18 (WO2002/030211)
[30] FR (00/13010) 2000-10-11

[21] **2,423,932**
[13] A1
[51] **Int.Cl. 7C22C 19/05**
[25] EN
[54] **AUSTENITIC NICKEL/CHROME/COBALT/MOLYBDENUM/TUNGSTEN ALLOY AND USE THEREOF**
[54] **ALLIAGE AUSTENITIQUE NICKEL-CHROME-COBALT-MOLYBDENE-TUNGSTENE ET SON UTILISATION**
[72] BRILL, ULRICH, DE
[72] WEISS, REINHARD, DE
[71] THYSSENKRUPP VDM GMBH, DE
[85] 2003-03-27
[86] 2001-09-13 (PCT/EP2001/010557)
[87] 2003-03-27 (WO2002/034955)
[30] DE (100 52 023.5) 2000-10-20

[21] **2,423,930**
[13] A1
[51] **Int.Cl. 7A61K 9/107 7A61P 17/06 7A61K 47/30 7A61K 31/56 7A61K 31/59**
[25] EN
[54] **TOPICAL COMPOSITION CONTAINING AT LEAST ONE VITAMIN D OR ONE VITAMIN D ANALOGUE AND AT LEAST ONE CORTICOSTEROID**
[54] **COMPOSITION TOPIQUE CONTENANT AU MOINS UNE VITAMINE D OU UN ANALOGUE DE VITAMINE D ET AU MOINS UN CORTICOSTEROIDE**
[72] HOY, GERT, DK
[72] DIDRIKSEN, ERIK JOHANNES, DK
[71] LEO PHARMA A/S, DK
[85] 2003-03-27
[86] 2001-09-26 (PCT/DK2001/000613)
[87] 2002-05-02 (WO2002/034235)
[30] US (60/243,471) 2000-10-27

[21] **2,423,931**
[13] A1
[51] **Int.Cl. 7G07F 17/32 7G06F 17/60**
[25] EN
[54] **A GAMBLING APPARATUS AND METHOD OF MONITORING A GAMBLING EVENT**
[54] **APPAREIL DE JEU DE HASARD ET PROCEDE DE CONTROLE DESTINE A UN JEU DE HASARD**
[72] BURSILL, DONALD W., GB
[71] BURSILL, DONALD W., GB
[85] 2003-03-27
[86] 2001-09-25 (PCT/GB2001/004277)
[87] 2002-04-04 (WO2002/027675)
[30] GB (0023678.6) 2000-09-27

[21] **2,423,932**
[13] A1
[51] **Int.Cl. 7C22C 19/05**
[25] EN
[54] **AUSTENITIC NICKEL/CHROME/COBALT/MOLYBDENUM/TUNGSTEN ALLOY AND USE THEREOF**
[54] **ALLIAGE AUSTENITIQUE NICKEL-CHROME-COBALT-MOLYBDENE-TUNGSTENE ET SON UTILISATION**
[72] BRILL, ULRICH, DE
[72] WEISS, REINHARD, DE
[71] THYSSENKRUPP VDM GMBH, DE
[85] 2003-03-27
[86] 2001-09-13 (PCT/EP2001/010557)
[87] 2003-03-27 (WO2002/034955)
[30] DE (100 52 023.5) 2000-10-20

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[13] A1

[51] **Int.Cl. 7C07D 209/40 7C07D 217/06 7A61P 15/06 7C07K 5/062 7C07D 409/12 7A61K 31/18**
[25] EN
[54] **PHARMACEUTICALLY ACTIVE SULFANILIDE DERIVATIVES**
[54] **DERIVES DE SULFANILIDE ACTIFS DU POINT DE VUE PHARMACEUTIQUE**
[72] QUATTROPANI, ANNA, CH
[72] JORAND-LEBRUN, CATHERINE, FR
[72] SCHWARZ, MATTHIAS, CH
[72] CHURCH, DENNIS, CH
[72] SCHEER, ALEXANDER, CH
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN
[85] 2003-03-27
[86] 2001-10-15 (PCT/EP2001/011865)
[87] 2002-04-25 (WO2002/032864)
[30] EP (00122588.7) 2000-10-17

[21] **2,423,934**
[13] A1

[51] **Int.Cl. 7A23C 19/028 7A23C 20/00**
[25] EN
[54] **A DAIRY PRODUCT**
[54] **PRODUIT LAITIER**
[72] O'CONNOR, JOHN ANTHONY, IE
[72] MCCARTHY, ANTHONY J., IE
[72] MCDONOUGH, ELIZABETH CECILIA, IE
[71] BOPA IRELAND LIMITED, IE
[85] 2003-04-02
[86] 2001-10-10 (PCT/IE2001/000129)
[87] 2002-04-18 (WO2002/030210)
[30] EP (00650145.6) 2000-10-10

[21] **2,423,962**
[13] A1

[51] **Int.Cl. 7F16K 5/20 7F16K 11/087**
[25] EN
[54] **FOUR WAY VALVE**
[54] **SOUPAPE A QUATRE VOIES**
[72] BAYREUTHER, DAVID, US
[72] WINQUIST, MELVIN, US
[71] METSO AUTOMATION USA, INC., US
[85] 2003-03-27
[86] 2001-07-25 (PCT/US2001/021118)
[87] 2002-04-18 (WO2002/031389)
[30] US (09/686,819) 2000-10-12

[21] **2,423,965**
[13] A1

[51] **Int.Cl. 7G06F 17/27**
[25] EN
[54] **A METHOD AND SYSTEM FOR ADAPTING SYNONYM RESOURCES TO SPECIFIC DOMAINS**
[54] **PROCEDE ET SYSTEME PERMETTANT D'ADAPTER DES RESSOURCES DE SYNONYMES A DES DOMAINES SPECIFIQUES**
[72] TURCATO, DAVIDE, CA
[72] TISHER, GORDON W., CA
[72] TOOLE, JANINE T., CA
[72] POPOWICH, FREDERICK P., CA
[72] NICHOLSON, JAMES DEVLAN, CA
[72] FASS, DANIEL C., CA
[71] GAVAGAI TECHNOLOGY INCORPORATED, CA
[85] 2003-03-28
[86] 2001-09-28 (PCT/CA2001/001399)
[87] 2002-04-04 (WO2002/027538)
[30] US (60/236,342) 2000-09-29

[21] **2,423,967**
[13] A1

[51] **Int.Cl. 7G07F 17/32 7A63F 3/08**
[25] EN
[54] **METHODS AND ARRANGEMENTS FOR REALISING BETTING WITH OFF-LINE TERMINALS**
[54] **PROCEDES ET DISPOSITIFS POUR FAIRE DES PARIS AU MOYEN DE TERMINAUX HORS LIGNE**
[72] REKONIUS, JANNE, FI
[72] HANNIKAINEN, MARKO, FI
[72] RAUTEE, RISTO, FI
[72] HAMALAINEN, TIMO D., FI
[71] OY VEIKKAUS AB, FI
[85] 2003-03-28
[86] 2001-09-28 (PCT/FI2001/000843)
[87] 2002-04-04 (WO2002/027674)
[30] FI (20002146) 2000-09-29

[21] **2,423,968**
[13] A1

[51] **Int.Cl. 7G11B 20/14 7G11B 5/09 7G11B 20/10 7H03M 5/20 7H04L 25/49**
[25] EN
[54] **DATA WRITING AND READING**
[54] **ECRITURE ET LECTURE DE DONNEES**
[72] HAYLOR, PHIL, GB
[71] TRIX SRT LIMITED, GB
[85] 2003-03-28
[86] 2001-09-28 (PCT/GB2001/004361)
[87] 2002-04-04 (WO2002/027722)
[30] GB (0023800.6) 2000-09-28

[21] **2,423,969**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR SUPPLY CHAIN MANAGEMENT, INCLUDING COLLABORATION**
[54] **SYSTEME ET PROCEDE RELATIFS A LA GESTION D'UNE CHAINE D'APPROVISIONNEMENT, COLLABORATION Y COMPRISE**
[72] VRANKOVICH, JOHN, US
[72] CARLIN, LISA, US
[72] DROLET, TOM, US
[72] ZAREFOSS, KURT A., US
[71] MANUGISTICS ATLANTA, INC., US
[85] 2003-03-28
[86] 2001-10-01 (PCT/US2001/030370)
[87] 2002-04-04 (WO2002/027614)
[30] US (60/236,379) 2000-09-29

[21] **2,423,970**
[13] A1

[51] **Int.Cl. 7C07C 323/60 7A61P 35/00 7C07C 259/06 7A61P 17/06**
[25] EN
[54] **CARBAMIC ACID COMPOUNDS COMPRISING AN ETHER LINKAGE AS HDAC INHIBITORS**
[54] **COMPOSES D'ACIDE CARBAMIQUE COMPRENANT UNE LIAISON ETHER ET UTILES EN TANT QU'INHIBITEURS DE HDAC**
[72] STARCHENKOV, IGOR, LV
[72] LOLYA, DAINA, LV
[72] LOZA, EINARS, LV
[72] DUFFY, JAMES E. S., GB
[72] SEMENIKHINA, VALENTINA, LV
[72] HARRIS, C. JOHN, GB
[72] WATKINS, CLARE J., GB
[72] ROMERO MARTIN, MARIA ROSARIO, GB
[72] FINN, PAUL W., GB
[72] KALVINSH, IVARS, LV
[72] BOKALDERE, RASMA MELITA, LV
[71] PROLIFIX LIMITED, GB
[85] 2003-03-28
[86] 2001-09-27 (PCT/GB2001/004327)
[87] 2002-04-04 (WO2002/026703)
[30] GB (0023983.0) 2000-09-29

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[21] **2,423,971**
[13] A1

[51] **Int.Cl. 7G02B 13/18 7G02B 23/00 7G03B 21/00 7G02B 6/04 7G02B 27/10 7H04N 9/12 7G09G 3/34**

[25] EN
[54] **POLY-PLANAR OPTICAL DISPLAY IMAGING SYSTEM**
[54] **SYSTEMES D'IMAGERIE A AFFICHAGE OPTIQUE POLY-PLANAIRE**

[72] COTTON, CHRISTOPHER T., US
[71] SCRAM TECHNOLOGIES, INC, US
[85] 2003-03-28
[86] 2001-09-28 (PCT/US2001/030406)
[87] 2002-04-04 (WO2002/027378)
[30] US (09/675,740) 2000-09-29

[21] **2,423,972**
[13] A1

[51] **Int.Cl. 7B60R 25/10**

[25] EN
[54] **TAMPERING DETECTOR AND SYSTEM DISABLER**
[54] **DETECTEUR DE TENTATIVE DE FRAUDE ET UNITE D'INVALIDATION DE SYSTEME**

[72] SIMON, MICHAEL P., US
[71] PAYMENT PROTECTION SYSTEMS, INC, US
[85] 2003-03-28
[86] 2001-09-28 (PCT/US2001/042344)
[87] 2002-04-04 (WO2002/028000)
[30] US (60/236,392) 2000-09-29
[30] US (60/288,795) 2001-05-07
[30] US (09/954,004) 2001-09-18

[21] **2,423,974**
[13] A1

[51] **Int.Cl. 7H04M 3/00**

[25] EN
[54] **VEHICLE LOCATION SYSTEM**
[54] **SYSTEME DE LOCALISATION DE VEHICULES**

[72] SIMON, MICHAEL P., US
[71] PAYMENT PROTECTION SYSTEMS, INC, US
[85] 2003-03-28
[86] 2001-09-28 (PCT/US2001/042347)
[87] 2002-04-04 (WO2002/028078)
[30] US (60/236,392) 2000-09-29
[30] US (60/288,796) 2001-05-07
[30] US (09/954,183) 2001-09-18

[21] **2,423,975**
[13] A1

[51] **Int.Cl. 7C07D 417/12**

[25] EN
[54] **SODIUM SALTS OF 5-'4-'2-(N-METHYL-N-(2-PYRIDYL)AMINO)ETHOXY]BENZYL] THIAZOLIDINE-2,4-DIONE**
[54] **SELS DE SODIUM DE 5-'4-'2-(N-METHYL-N-(2-PYRIDYL)AMINO) ETHOXY]BENZYL]THIAZOLIDINE-2,4-DIONE**

[72] CRAIG, ANDREW SIMON, GB
[72] MILLAN, MICHAEL, AU
[71] SMITHKLINE BEECHAM PLC, GB
[85] 2003-03-28
[86] 2001-09-28 (PCT/GB2001/004334)
[87] 2002-04-04 (WO2002/026735)
[30] GB (0023971.5) 2000-09-29

[21] **2,423,976**
[13] A1

[51] **Int.Cl. 7B25B 13/28 7B25B 13/30 7B25B 13/32**

[25] EN
[54] **WRENCH**
[54] **CLE**

[72] PETTS, ANDAX, AU
[71] PETTS, ANDAX, AU
[85] 2003-03-28
[86] 2000-09-27 (PCT/AU2000/001173)
[87] 2001-04-05 (WO2001/023146)
[30] AU (PQ 3166) 1999-09-28

[21] **2,423,977**
[13] A1

[51] **Int.Cl. 7C01B 15/10**

[25] EN
[54] **SODIUM PERCARBONATE FLUID BED GRANULATED MATERIAL AND METHOD FOR THE PRODUCTION THEREOF**
[54] **GRANULAT CONSTITUE DE PERCARBONATE DE SODIUM EN LIT FLUIDISE ET PROCEDE DE FABRICATION**

[72] JAKOB, HARALD, DE
[72] BERTSCH-FRANK, BIRGIT, DE
[71] DEGUSSA AKTIENGESSELLSCHAFT, DE
[85] 2003-03-27
[86] 2001-08-03 (PCT/EP2001/008991)
[87] 2003-03-27 (WO2002/026623)
[30] DE (100 48 514.6) 2000-09-29

[21] **2,423,978**
[13] A1

[51] **Int.Cl. 7C07D 417/12 7A61P 3/10 7A61K 31/4439**

[25] EN
[54] **A THIAZOLIDINEDIONE DERIVATIVE AND ITS USE AS ANTIDIABETIC**
[54] **DERIVE DE THIAZOLIDINEDIONE ET SON UTILISATION COMME ANTI-DIABETIQUE**

[72] MILLAN, MICHAEL, GB
[71] SMITHKLINE BEECHAM PLC, GB
[85] 2003-03-28
[86] 2001-09-28 (PCT/GB2001/004346)
[87] 2002-04-04 (WO2002/026736)
[30] GB (0023970.7) 2000-09-29

[21] **2,423,979**
[13] A1

[51] **Int.Cl. 7G01N 33/68 7C07K 16/18 7C07K 14/47 7C12Q 1/48 7C07K 14/71**

[25] EN
[54] **METHOD FOR QUANTIFYING PHOSPHOKINASE ACTIVITY ON PROTEINS**
[54] **PROCEDE DE QUANTIFICATION DE L'ACTIVITE DES PHOSPHOKINASES DE PROTEINES**

[72] REAGAN, KEVIN J., US
[72] SCHAEFFER, ERIK, US
[72] WANG, JIMIN, US
[71] BIOSOURCE INTERNATIONAL, US
[85] 2003-03-27
[86] 2001-09-27 (PCT/US2001/030186)
[87] 2002-04-04 (WO2002/027017)
[30] US (60/235,620) 2000-09-27

[21] **2,423,980**
[13] A1

[51] **Int.Cl. 7A61N 2/02**

[25] EN
[54] **APPARATUS FOR TREATING BODY AILMENTS**
[54] **APPAREIL DE TRAITEMENT DES MALAISES CORPORELS**

[72] DELISLE, CLARENCE A., CA
[71] DELISLE, CLARENCE A., CA
[85] 2003-03-28
[86] 2001-09-28 (PCT/IB2001/002335)
[87] 2002-04-04 (WO2002/026322)
[30] US (60/236,340) 2000-09-29

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[21] **2,423,981**
[13] A1

[51] **Int.Cl. 7C07D 495/04 7A61P 43/00 7A61K 31/519 7A61K 31/5377**
[25] EN
[54] **THIENOPYRIMIDINE COMPOUNDS AND SALTS THEREOF AND PROCESS FOR THE PREPARATION OF THE SAME**
[54] **COMPOSES DE THIENOPYRIMIDINE ET LEURS SELS ET PROCEDE DE PREPARATION**
[72] UMEDA, NOBUHIRO, JP
[72] ICHIKAWA, KIMIKO, JP
[72] TAKADA, MITSUMASA, JP
[72] IKEYAMA, SEIICHI, JP
[71] NIPPON SODA CO., LTD., JP
[85] 2003-03-28
[86] 2001-09-28 (PCT/JP2001/008530)
[87] 2003-03-28 (WO2002/026745)
[30] JP (2000-299872) 2000-09-29

[21] **2,423,982**
[13] A1

[51] **Int.Cl. 7B05C 1/06 7B32B 31/00 7B65B 51/06**
[25] EN
[54] **SYSTEM FOR OPENING SEALED PACKAGES, TAPE DISPENSER AND TAPE**
[54] **SYSTEME D'OUVERTURE D'EMBALLAGES, DISTRIBUTEUR DE BANDE ET BANDE**
[72] DEMUNDA, JOHN W., US
[72] WHITE, PHILLIP L., US
[72] HEBERT, ROBERT J., US
[72] EPSTEIN, HARVEY, US
[72] LAY, ROGER F., US
[72] LEMOINE, GEORGE, US
[71] ASCOM HASLER MAILING SYSTEMS, INC., US
[85] 2003-03-27
[86] 2001-09-26 (PCT/US2001/030265)
[87] 2002-04-04 (WO2002/026395)
[30] US (09/672,463) 2000-09-28

[21] **2,423,983**
[13] A1

[51] **Int.Cl. 7A61K 39/39**
[25] EN
[54] **NEW IMMUNOGENIC COMPLEX**
[54] **NOUVEAU COMPLEXE IMMUNOLOGIQUE**
[72] KAASTRUP, PETER, DK
[72] LYCKE, NILS, SE
[72] DALSGAARD, KRISTIAN, DK
[72] LOWENADLER, BJORN, SE
[72] MC MOWAT, ALLAN, GB
[71] ISCONOVA AB, SE
[85] 2003-03-28
[86] 2001-10-01 (PCT/SE2001/002117)
[87] 2002-04-04 (WO2002/026255)
[30] SE (0003538-6) 2000-09-29

[21] **2,423,984**
[13] A1

[51] **Int.Cl. 7B29C 45/73**
[25] EN
[54] **METHOD FOR MOMENTARILY HEATING THE SURFACE OF A MOLD AND SYSTEM THEREOF**
[54] **PROCEDE PERMETTANT LE CHAUFFAGE MOMENTANE DE LA SURFACE D'UN MOULE ET SYSTEME CORRESPONDANT**
[72] YIM, SOOK-JIA, KR
[71] YIM, SOOK-JIA, KR
[85] 2003-02-24
[86] 2001-07-06 (PCT/KR2001/001160)
[87] 2002-02-28 (WO2002/016110)
[30] KR (2000/49277 P) 2000-08-24
[30] KR (2000/55868 P) 2000-09-22

[21] **2,423,988**
[13] A1

[51] **Int.Cl. 7H04N 7/24 7H04N 7/16**
[25] EN
[54] **METHOD OF ENHANCING STREAMING MEDIA CONTENT**
[54] **TRANSMISSION MULTIMEDIA EN CONTINU**
[72] MARKEL, STEVEN O., US
[71] INTELLOCITY USA, INC., US
[85] 2003-02-24
[86] 2001-08-27 (PCT/US2001/041897)
[87] 2002-02-28 (WO2002/017643)
[30] US (60/227,918) 2000-08-25
[30] US (60/227,930) 2000-08-25
[30] US (09/933,927) 2001-08-21
[30] US (09/935,492) 2001-08-23
[30] US (09/941,246) 2001-08-27

[21] **2,423,992**
[13] A1

[51] **Int.Cl. 7C09K 3/18**
[25] EN
[54] **ENVIRONMENTALLY BENIGN ANTI-ICING OR DEICING FLUIDS**
[54] **FLUIDES ANTIGIVRAGE OU DE DEGIVRAGE SANS DANGER POUR L'ENVIRONNEMENT**
[72] JOHNSON, AXEL R., US
[72] RICKS, WILLIAM F., US
[72] SAPIENZA, RICHARD, US
[71] MLI ASSOCIATES, LLC, US
[85] 2003-03-28
[86] 2001-09-25 (PCT/US2001/029805)
[87] 2002-04-04 (WO2002/026910)
[30] US (09/675,495) 2000-09-29

[21] **2,423,995**
[13] A1

[51] **Int.Cl. 7A01N 51/00 7A01N 53/00**
[25] EN
[54] **SEED TREATMENT WITH COMBINATIONS OF PYRETHRINS/PYRETHROIDS AND THIAMETHOXAM**
[54] **TRAITEMENT DES GRAINES AU MOYEN DE COMBINAISONS DE PYRETHRINES/PYRETHROIDES ET DE THIAMETHOXAM**
[72] KOHN, FRANK C., US
[72] ASRAR, JAWED, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2003-03-31
[86] 2001-10-02 (PCT/US2001/030714)
[87] 2002-04-18 (WO2002/030201)
[30] US (60/238,485) 2000-10-06
[30] US (09/968,173) 2001-10-01

[21] **2,423,996**
[13] A1

[51] **Int.Cl. 7B62K 21/26 7B29D 22/00**
[25] EN
[54] **GRIP ELEMENT AND METHOD OF MANUFACTURE THEREOF**
[54] **POIGNEE ET SON PROCEDE DE FABRICATION**
[72] JOHNSON, PHILLIP A., US
[72] LOCKSHIER, ROGER F., US
[72] CHADWICK, BARRY W., US
[72] HAMILTON, ARTHUR R., JR., US
[71] BIC CORPORATION, US
[85] 2003-03-27
[86] 2001-09-18 (PCT/US2001/029214)
[87] 2002-04-04 (WO2002/026555)
[30] US (09/671,819) 2000-09-27

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[21] **2,424,002**
[13] A1

[51] **Int.Cl. 7B01D 11/02 7C11B 1/10**
[25] EN
[54] **PROCESS FOR EXTRACTING COMPOUNDS FROM PLANTS**
[54] **PROCEDE PERMETTANT D'EXTRAIRE DES COMPOSES VEGETAUX**
[72] KRASUTSKY, PAVEL A, US
[72] NESTERENKO, VITALIY V., US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2003-03-27
[86] 2001-10-01 (PCT/US2001/030756)
[87] 2002-04-04 (WO2002/026343)
[30] US (60/236,579) 2000-09-29

[21] **2,424,005**
[13] A1

[51] **Int.Cl. 7B62D 29/00**
[25] EN
[54] **STRUCTURALLY ENHANCED ATTACHMENT OF A REINFORCING MEMBER**
[54] **FIXATION STRUCTURELLEMENT RENFORCEE D'ELEMENT D'ARMATURE**
[72] BRENNECKE, ERIC, US
[71] L & L PRODUCTS, INC., US
[85] 2003-03-27
[86] 2001-09-26 (PCT/US2001/030139)
[87] 2002-04-04 (WO2002/026549)
[30] US (09/676,725) 2000-09-29

[21] **2,424,007**
[13] A1

[51] **Int.Cl. 7B01D 53/04 7B01J 20/02 7B01J 20/06 7B01J 20/28**
[25] EN
[54] **PROCESS FOR REDUCTION OF GASEOUS SULFUR COMPOUNDS**
[54] **PROCEDE PERMETTANT LA REDUCTION DE COMPOSES DE SOUFRE GAZEUX**
[72] FARRAUTO, ROBERT J., US
[72] SHORE, LAWRENCE, US
[71] ENGELHARD CORPORATION, US
[85] 2003-03-28
[86] 2001-09-27 (PCT/US2001/030163)
[87] 2002-04-04 (WO2002/026356)
[30] US (09/676,837) 2000-09-29

[21] **2,424,008**
[13] A1

[51] **Int.Cl. 7G11B 7/004 7G11B 7/0045 7G11B 7/007 7G11B 20/10 7G11B 20/12**
[25] EN
[54] **OPTICAL DISC MEDIUM, OPTICAL DISC PLAYBACK AND RECORDER**
[54] **DISQUE OPTIQUE, LECTURE ET ENREGISTREMENT DE DISQUE OPTIQUE**
[72] MINAMINO, JUNICHI, JP
[72] NAKAMURA, ATSUSHI, JP
[72] GUSHIMA, TOYOJI, JP
[72] ISHIDA, TAKASHI, JP
[72] FURUMIYA, SHIGERU, JP
[72] ISHIBASHI, HIROMICHI, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2003-02-26
[86] 2001-08-30 (PCT/JP2001/007502)
[87] 2003-02-26 (WO2002/021518)
[30] JP (2000-264978) 2000-09-01
[30] JP (2000-275988) 2000-09-12
[30] JP (2000-397621) 2000-12-27
[30] JP (2001-77897) 2001-03-19
[30] JP (2001-185729) 2001-06-20
[30] JP (2001-196258) 2001-06-28
[30] JP (2001-212071) 2001-07-12
[30] JP (2001-219292) 2001-07-19

[21] **2,424,011**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61P 15/00 7A61P 15/12 7A61K 31/355 7A61K 35/64**
[25] EN
[54] **USE OF A COMPOSITION COMPRISING AN EXTRACT OF POLLEN FOR THE TREATMENT OF DISEASE-RELATED WEIGHT GAIN**
[54] **UTILISATION D'UNE COMPOSITION CONTENANT UN EXTRAIT DE POLLEN POUR TRAITER LA PRISE DE POIDS DUE A LA MALADIE**
[72] WINTER, KAJ, DK
[72] HEDMAN, CHRISTER, SE
[72] KARNERUD, LARS, SE
[71] NATUMIN PHARMA AB, SE
[85] 2003-02-26
[86] 2001-08-31 (PCT/SE2001/001850)
[87] 2002-03-07 (WO2002/017943)
[30] SE (0003092-4) 2000-09-01

[21] **2,424,013**
[13] A1

[51] **Int.Cl. 7C07J 63/00 7A61K 31/56**
[25] EN
[54] **TRITERPENES HAVING FUNGICIDAL ACTIVITY AGAINST YEAST**
[54] **TRITERPENES AYANT UNE ACTIVITE FONGICIDE DIRIGEE CONTRE LES LEVURES**
[72] KRASUTSKY, PAVEL A., US
[72] CARLSON, ROBERT M., US
[72] KARIM, RAJ, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
[85] 2003-03-27
[86] 2001-10-01 (PCT/US2001/030761)
[87] 2002-04-04 (WO2002/026761)
[30] US (60/237,756) 2000-09-29

[21] **2,424,015**
[13] A1

[51] **Int.Cl. 7A61M 5/315 7A61M 5/24**
[25] EN
[54] **PEN DEVICE FOR ADMINISTRATION OF PARATHYROID HORMONE**
[54] **DISPOSITIF DU TYPE STYLO POUR L'ADMINISTRATION D'HORMONE PARATHYROIDE**
[72] ROE, MICHAEL JOSEPH, US
[71] ELI LILLY AND COMPANY, US
[85] 2003-02-26
[86] 2001-09-26 (PCT/US2001/027732)
[87] 2002-04-18 (WO2002/030495)
[30] US (60/239,172) 2000-10-09

[21] **2,424,018**
[13] A1

[51] **Int.Cl. 7A01N 51/00 7A01N 53/00**
[25] EN
[54] **SEED TREATMENT WITH COMBINATIONS OF PYRETHRINS/PYRETHROIDS AND CLOTHIANIDIN**
[54] **TRAITEMENT DES GRAINES AU MOYEN DE COMBINAISONS DE PYRETHRINES/PYRETHROIDES ET DE CLOTHIANIDINE**
[72] ASRAR, JAWED, US
[72] KOHN, FRANK C., US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2003-04-01
[86] 2001-10-02 (PCT/US2001/030780)
[87] 2002-04-18 (WO2002/030202)
[30] US (60/238,485) 2000-10-06
[30] US (09/968,117) 2001-10-01

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[21] **2,424,028**
[13] A1

[51] **Int.Cl. 7A01N 63/02 7A01N 51/00 7A01N 53/00 7A01N 61/00**
[25] EN
[54] **TREATMENT OF TRANSGENIC CORN SEEDS WITH PESTICIDES**
[54] **TRAITEMENT DE GRAINES DE MAIS TRANSGENIQUE AU MOYEN D'UN PESTICIDE POUR REDUIRE LES DEGATS INFLIGES A LA PLANTE PAR DES RAVAGEURS**
[72] KOHN, FRANK C., US
[72] ASRAR, JAWED, US
[72] SANDERS, ERNEST F., US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2003-03-31
[86] 2001-10-02 (PCT/US2001/030792)
[87] 2002-04-18 (WO2002/030205)
[30] US (60/238,406) 2000-10-06
[30] US (09/968,422) 2001-10-01

[21] **2,424,030**
[13] A1

[51] **Int.Cl. 7C23C 22/48**
[25] EN
[54] **SURFACE TREATMENT FOR IMPROVED HARDNESS AND CORROSION RESISTANCE**
[54] **TRAITEMENT DE SURFACE AMELIORANT LA DURETE ET LA RESISTANCE A LA CORROSION**
[72] MECKEL, NATHAN K., US
[72] CAMPBELL, DANA HOWARD, US
[71] MOLECULAR METALLURGY, INC., US
[85] 2003-03-27
[86] 2001-09-25 (PCT/US2001/030159)
[87] 2002-04-04 (WO2002/027065)
[30] US (09/671,945) 2000-09-27

[21] **2,424,032**
[13] A1

[51] **Int.Cl. 7G02B 6/34 7G02B 6/16**
[25] EN
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[54] **COMPENSATEUR DE DISPERSION ACCORDABLE BASE SUR UN RESEAU DE DIFFRACTION**
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[72] BAILEY, TIMOTHY J., US
[72] KERSEY, ALAN D., US
[71] CIDRA CORPORATION, US
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[87] 2002-04-04 (WO2002/027364)
[30] US (09/675,455) 2000-09-28

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[25] EN
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[54] **SEQUENCE DE RESONANCE MAGNETIQUE NUCLEAIRE PERMETTANT D'OPTIMISER L'UTILISATION DE L'ENERGIE ELECTRIQUE D'UN INSTRUMENT**
[72] REIDERMAN, ARCADY, US
[72] ITSKOVICH, GREGORY B., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2003-03-27
[86] 2001-09-28 (PCT/US2001/030737)
[87] 2002-04-04 (WO2002/027356)
[30] US (09/672,413) 2000-09-28

[21] **2,424,035**
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[51] **Int.Cl. 7A41D 1/20 7A41C 3/08**
[25] EN
[54] **STRETCHABLE NURSING TANK TOP WITH INVISIBLE BREAST SUPPORT**
[54] **DEBARDEUR D'ALLAITEMENT EXTENSIBLE AVEC SOUTIEN-GORGE INVISIBLE**
[72] ROTHMAN, LINE, US
[71] ROTHMAN, LINE, US
[85] 2003-04-02
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[87] 2002-04-18 (WO2002/030221)
[30] US (60/238,602) 2000-10-06

[21] **2,424,037**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SYSTEM AND METHOD FOR PURCHASING GOODS AND SERVICES THROUGH FINANCIAL DATA NETWORK ACCESS POINTS**
[54] **SYSTEME ET PROCEDE D'ACHAT DE PRODUITS ET DE SERVICES VIA DES POINTS D'ACCES DE RESEAUX DE DONNEES FINANCIERES**
[72] VARNA, KENNETH J., US
[72] CHAMBERLIN, JOHN, US
[72] THIERRY, MICHEL, US
[72] LANFORD, MATTHEW L., US
[72] SHAMI, HAITHAM, US
[72] CLARY, JEFFREY S., US
[72] BENKO, WILLIAM, US
[71] EURONET SERVICES, INC., US
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[87] 2002-04-04 (WO2002/027629)
[30] US (09/670,826) 2000-09-28

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[13] A1

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[25] EN
[54] **QUANTITATIVE DIGITAL FLUOROGRAPHY AND RELATED PRODUCTS AND METHODS**
[54] **FLUOROGRAPHIE NUMERIQUE QUANTITATIVE ET TECHNIQUES ET PRODUITS ASSOCIES**
[72] RANA, VICTORIANO F., US
[72] LIN, TSUE-MING, US
[72] NEWTON, KENNETH R., US
[72] BOTZ, EDUARD J., US
[71] HYPERION, INC., US
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[25] EN
[54] **SHORT RANGE SPREAD-SPECTRUM RADIOLOCATION SYSTEM AND METHOD**
[54] **SYSTEME ET DE RADIOLOCALISATION A SPECTRE ETALE ET A COURTE PORTEE**
[72] SMITH, STEPHEN F., US
[71] UT-BATTELLE, L.L.C., US
[85] 2003-03-27
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[87] 2002-04-04 (WO2002/027348)
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[54] **STENTS COUVERTS A BRANCHE LATERALE**
[72] MCGUCKIN, JAMES F., JR., US
[72] HINCHLIFFE, PETER W. J., US
[71] REX MEDICAL, L.P., US
[85] 2003-04-03
[86] 2001-10-09 (PCT/US2001/031435)
[87] 2002-04-18 (WO2002/030329)
[30] US (60/240,009) 2000-10-13
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[25] EN
[54] **DENTAL COMPOSITIONS FOR HYPERSENSITIVE TEETH**
[54] **COMPOSITIONS DENTAIREES POUR DENTS HYPERSENSIBLES**
[72] CURRO, FREDERICK A., US
[71] BLOCK DRUG COMPANY, INC., US
[85] 2003-03-31
[86] 2001-10-10 (PCT/US2001/031740)
[87] 2002-04-18 (WO2002/030380)
[30] US (60/240,449) 2000-10-13

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[25] EN
[54] **ORGAN AND BIOLOGICAL TISSUE PRESERVATION MACHINE PERFUSION SOLUTION**
[54] **SOLUTION DE PERFUSION POUR MACHINE DE PERFUSION DESTINEE A LA CONSERVATION D'ORGANES ET DE TISSUS BIOLOGIQUES**
[72] ARRINGTON, BEN O'MAR, US
[72] POLYAK, MAXIMILIAN, US
[71] PIKE LABORATORIES, INC., US
[85] 2003-03-31
[86] 2001-10-15 (PCT/US2001/032025)
[87] 2002-04-18 (WO2002/030192)
[30] US (60/240,024) 2000-10-13

[21] **2,424,055**
[13] A1

[51] **Int.Cl. 7A61K 9/00 7A61C 19/06**
[25] EN
[54] **MEDICATION DELIVERY DEVICES**
[54] **DISPOSITIFS D'ADMINISTRATION DE MEDICAMENTS**
[72] BURGIO, PAUL A., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-03-31
[86] 2001-02-16 (PCT/US2001/005022)
[87] 2002-04-18 (WO2002/030396)
[30] US (09/685,177) 2000-10-10

[21] **2,424,058**
[13] A1

[51] **Int.Cl. 7A01N 1/02**
[25] EN
[54] **MACHINE PERFUSION SOLUTION FOR ORGAN AND BIOLOGICAL TISSUE PRESERVATION**
[54] **SOLUTION DE PERFUSION POUR MACHINE DE PERFUSION DESTINEE A LA CONSERVATION D'ORGANES ET DE TISSUS BIOLOGIQUES**
[72] POLYAK, MAXIMILIAN, US
[72] ARRINGTON, BEN O'MAR, US
[71] PIKE LABORATORIES, INC., US
[85] 2003-03-31
[86] 2001-10-15 (PCT/US2001/032026)
[87] 2002-04-18 (WO2002/030193)
[30] US (60/240,024) 2000-10-13

[21] **2,424,060**
[13] A1

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[25] EN
[54] **PREVENTIVES AND REMEDIES FOR COMPLICATIONS OF DIABETES**
[54] **MEDICAMENTS POUR LA PREVENTION OU LE TRAITEMENT DE COMPLICATIONS DU DIABETE**
[72] MORI, SEIJIRO, JP
[72] TAKEMOTO, MINORU, JP
[72] TAMAKI, TARO, JP
[72] SAITO, YASUSHI, JP
[72] KITAHARA, MASAKI, JP
[71] NISSAN CHEMICAL INDUSTRIES, LTD., JP
[71] KOWA COMPANY, LTD., JP
[85] 2003-03-31
[86] 2001-10-11 (PCT/JP2001/008921)
[87] 2003-03-31 (WO2002/030425)
[30] JP (2000-311960) 2000-10-12

[21] **2,424,068**
[13] A1

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[25] EN
[54] **ORGAN AND TISSUE PRESERVATION COLD STORAGE SOLUTION**
[54] **SOLUTION DE STOCKAGE A FROID DE PRESERVATION DE TISSU ET D'ORGANE**
[72] POLYAK, MAXIMILIAN, US
[72] ARRINGTON, BEN O'MAR, US
[71] PIKE LABORATORIES, INC., US
[85] 2003-03-31
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[87] 2002-04-18 (WO2002/030191)
[30] US (60/240,023) 2000-10-13

[21] **2,424,071**
[13] A1

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[25] EN
[54] **TRANSFER DEVICE**
[54] **DISPOSITIF DE TRANSFERT**
[72] HAGEL, HERMANN, DE
[71] HAGEL, HERMANN, DE
[85] 2003-03-31
[86] 2000-09-29 (PCT/EP2000/009595)
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[13] A1

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[25] EN
[54] **ULTRASONIC CELLULAR TISSUE SCREENING TOOL**
[54] **OUTIL DE DEPISTAGE ULTRASONIQUE DE TISSU CELLULAIRE**
[72] ROYCE, ROGER, US
[72] PETERSON, RICHARD J., US
[72] PONCE, LUIS E., US
[72] UNDERBRINK, CHRISTOPHER M., US
[72] GOSS, DONALD C., US
[72] SMITH, MATTHEW W., US
[72] KELLY, KEVIN, US
[71] SONOCINE, INC., US
[85] 2003-03-28
[86] 2001-10-15 (PCT/US2001/032392)
[87] 2002-04-18 (WO2002/030287)
[30] US (09/687,128) 2000-10-13

[21] **2,424,080**
[13] A1

[51] **Int.Cl. 7B05B 15/04**
[25] EN
[54] **MASKING MATERIAL**
[54] **MATIERE DE MASQUAGE**
[72] ITO, KUNINORI, JP
[72] OGAWA, MASANORI, JP
[71] NAGOYA OILCHEMICAL CO., LTD., JP
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[86] 2001-10-04 (PCT/JP2001/008771)
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[30] JP (2001-164643) 2001-05-31

[21] **2,424,085**
[13] A1

[51] **Int.Cl. 7B22D 41/58 7B22D 11/112**
[25] EN
[54] **METHOD AND DEVICE FOR CONTINUOUS CASTING OF LIQUID STEEL**
[54] **PROCEDE ET DISPOSITIF POUR COULER EN CONTINU DE L'ACIER LIQUIDE**
[72] NAVEAU, PAUL, BE
[71] CENTRE DE RECHERCHES METALLURGIQUES, BE
[85] 2003-03-31
[86] 2001-09-18 (PCT/BE2001/000158)
[87] 2002-04-18 (WO2002/030598)
[30] BE (2000/0643) 2000-10-10

[21] **2,424,088**
[13] A1

[51] **Int.Cl. 7A61K 7/42 7A61K 31/195**
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[54] **SKIN PREPARATION**
[54] **PREPARATION DERMATOLOGIQUE**
[72] MOAN, JOHAN, NO
[72] BISSONNETTE, ROBERT, CA
[71] RADIUMHOSPITALET FORSKNINGSSSTIFTELSE, NO
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[13] A1

[51] **Int.Cl. 7B65D 33/20 7C09J 7/02**
[25] EN
[54] **RECLOSABLE PACKAGE AND CLOSURE STRIP**
[54] **EMBALLAGE REFERMABLE ET BANDE DE FERMETURE**
[72] SHEPARD, WILLIAM H., US
[72] MORAN, KATI L., US
[71] VELCRO INDUSTRIES B.V., AN
[85] 2003-03-31
[86] 2001-09-28 (PCT/US2001/030327)
[87] 2002-04-04 (WO2002/026579)
[30] US (60/236,949) 2000-09-29

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[13] A1

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[25] EN
[54] **SEED TREATMENT WITH COMBINATIONS OF INSECTICIDES**
[54] **TRAITEMENT DE SEMENCES AVEC DES MELANGES D'INSECTICIDES**
[72] KOHN, FRANK C., US
[72] ASRAR, JAWED, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2003-03-31
[86] 2001-10-02 (PCT/US2001/042444)
[87] 2002-04-11 (WO2002/028186)
[30] US (60/238,485) 2000-10-06
[30] US (09/968,175) 2001-10-01

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[13] A1

[51] **Int.Cl. 7B65D 41/04 7B65D 47/08**
[25] EN
[54] **POSITIVE-ORIENTATION SYSTEMS FOR CLOSURES AND CONTAINERS**
[54] **SYSTEMES A ORIENTATION POSITIVE POUR COUVERCLES ET RECIPIENTS**
[72] RANDALL, JEFFREY T., US
[71] SEAQUIST CLOSURES FOREIGN, INC., US
[85] 2003-03-31
[86] 2001-09-21 (PCT/US2001/029518)
[87] 2002-04-18 (WO2002/030777)
[30] US (09/686,289) 2000-10-11

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[25] EN
[54] **MAXILLARY DISTRATOR**
[54] **SEPARATEUR MAXILLAIRE**
[72] SELLERS, TIMOTHY M., US
[72] NOON, JOHN M., US
[72] HAAG, RENE, US
[71] SYNTHES (U.S.A.), US
[85] 2003-03-31
[86] 2001-09-27 (PCT/CH2001/000583)
[87] 2002-04-11 (WO2002/028298)
[30] US (60/237,519) 2000-10-04

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[13] A1

[51] **Int.Cl. 7A61B 18/14 7A61N 1/18**
[25] EN
[54] **DEVICE FOR SUPPLYING AN ELECTRO-PEN WITH ELECTRICAL ENERGY**
[54] **DISPOSITIF D'ALIMENTATION EN ENERGIE ELECTRIQUE D'UN STYLO ELECTRIQUE**
[72] METZGER, ROGER, CH
[71] SYNTHES (U.S.A.), US
[85] 2003-03-31
[86] 2000-10-04 (PCT/CH2000/000541)
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[25] EN
[54] **THERMOPLASTIC RESINS STABILIZED BY BLENDS OF STERICALLY HINDERED PHENOLS, SECONDARY AMINES, AND LACTONES**
[54] **RESINES THERMOPLASTIQUES STABILISEES PAR DES MELANGES DE PHENOLS A ENCOMBREMENT STERIQUE, DES AMINES SECONDAIRES ET DES LACTONES**
[72] GELBIN, MICHAEL E., US
[71] UNIROYAL CHEMICAL COMPANY, INC., US
[85] 2003-03-31
[86] 2001-09-19 (PCT/US2001/029474)
[87] 2002-04-18 (WO2002/031038)
[30] US (09/685,168) 2000-10-06

[21] **2,424,113**
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[25] EN
[54] **SINK LINE FOR FISHING NET**
[54] **LIGNE A MASSELOTES POUR FILET DE PECHE**
[72] HANSEN, JENS CONRAD, DK
[71] CONRAD HANSEN SMEDE & MASKINVAERKSTED, DK
[71] ATOFINA NORDEN A/S, DK
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[86] 2001-10-04 (PCT/DK2001/000645)
[87] 2002-04-11 (WO2002/028176)
[30] DK (PA 2000 01470) 2000-10-04
[30] DK (PA 2001 00818) 2001-05-23

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[51] **Int.Cl. 7A47J 31/04**
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[54] **COFFEE MAKER**
[54] **CAFETIERE**
[72] BRIZIO, ADRIANA, IT
[71] BRIZIO, ADRIANA, IT
[85] 2003-04-01
[86] 2001-09-21 (PCT/EP2001/010947)
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[30] IT (MI2000A002145) 2000-10-04

[21] **2,424,115**
[13] A1
[51] **Int.Cl. 7A61D 19/02**
[25] EN
[54] **SYSTEM OF HYSTEROSCOPIC INSEMINATION OF MARES**
[54] **SYSTEME D'INSEMINATION DE JUMENTS PAR HYSTEROSCOPIE**
[72] MORRIS, LEE H. A., GB
[72] ALLEN, WILLIAM R., GB
[72] LINDSEY, ALLISON C., US
[71] XY, INC., US
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[86] 2001-01-24 (PCT/US2001/002304)
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[30] US (60/238,294) 2000-10-05

[21] **2,424,116**
[13] A1
[51] **Int.Cl. 7A61K 31/40 7C07D 403/14**
[25] EN
[54] **ANTITUMOR THERAPY COMPRISING DISTAMYCIN DERIVATIVES**
[54] **TRAITEMENT ANTITUMORAL AU MOYEN DE DERIVES DE DISTAMYCINE**
[72] VREELAND, FRANZANNE, US
[72] FOWST, CAMILLA, IT
[72] GERONI, MARIA CRISTINA ROSA, IT
[71] PHARMACIA ITALIA S.P.A., IT
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2003-04-01
[86] 2001-09-21 (PCT/EP2001/010988)
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[30] US (09/676,770) 2000-10-02

[21] **2,424,117**
[13] A1
[51] **Int.Cl. 7A61K 31/55 7C07D 487/02 7A61P 19/10**
[25] EN
[54] **PHOSPHORIC ACID SALT OF AN INTEGRIN RECEPTOR ANTAGONIST**
[54] **SEL D'ACIDE PHOSPHORIQUE TIRE D'UN ANTAGONISTE D'UN RECEPTEUR DE L'INTEGRINE**
[72] MEISSNER, ROBERT S., US
[72] XU, WEI, US
[71] MERCK & CO., INC., US
[85] 2003-04-01
[86] 2001-10-01 (PCT/US2001/030647)
[87] 2002-04-11 (WO2002/028395)
[30] US (60/237,534) 2000-10-04

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[13] A1
[51] **Int.Cl. 7A61M 16/00 7A61M 16/08**
[25] EN
[54] **BREATHING SYSTEM**
[54] **SYSTEME RESPIRATOIRE**
[72] MEAKIN, GEORGE HAROLD, GB
[71] THE VICTORIA UNIVERSITY OF MANCHESTER, GB
[85] 2003-04-01
[86] 2001-09-21 (PCT/GB2001/004225)
[87] 2002-04-11 (WO2002/028461)
[30] GB (0024497.0) 2000-10-06

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[13] A1
[51] **Int.Cl. 7B01D 35/02 7B01D 39/00 7B01D 39/08 7G01N 33/53 7G01N 33/543**
[25] EN
[54] **ELECTRONIC DETECTION OF INTERACTION AND DETECTION OF INTERRUPTION BASED ON THE INTERRUPTION OF FLOW**
[54] **DETECTION ELECTRONIQUE D'INTERACTION ET DETECTION D'INTERACTION BASEE SUR UNE INTERRUPTION D'ECOULEMENT**
[72] BAMDAD, CYNTHIA C., US
[71] MINERVA BIOTECHNOLOGIES CORPORATION, US
[85] 2003-04-01
[86] 2001-10-03 (PCT/US2001/030992)
[87] 2002-04-11 (WO2002/028507)
[30] US (60/237,427) 2000-10-03
[30] US (60/272,727) 2001-03-01

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[13] A1

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[25] EN
[54] **SYSTEMS AND PROCESSES FOR REMOVAL OF POLLUTANTS FROM A GAS STREAM**
[54] **SYSTEMES ET PROCEDES POUR EXTRAIRE DES POLLUANTS D'UN FLUX GAZEUX**
[72] HUFF, RAY V., US
[72] CARLTON, STEVE C., US
[72] HAMMEL, CHARLES F., US
[72] BOREN, RICHARD M., US
[72] TUZINSKI, PATRICK A., US
[72] AXEN, STEVE G., US
[72] KRONBECK, KEVIN P., US
[72] LARSON, JOSHUA E., US
[72] PAHLMAN, JOHN E. (DECEASED), ZZ

[71] ENVIROSCRUB TECHNOLOGIES CORPORATION, US
[85] 2003-04-01
[86] 2001-09-13 (PCT/US2001/028473)
[87] 2002-04-11 (WO2002/028513)
[30] US (60/238,105) 2000-10-04
[30] US (60/239,422) 2000-10-10
[30] US (60/239,435) 2000-10-10
[30] US (60/242,830) 2000-10-23
[30] US (60/243,090) 2000-10-24
[30] US (60/244,948) 2000-11-01
[30] US (60/288,166) 2001-05-02
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[30] US (60/288,167) 2001-05-02
[30] US (60/295,930) 2001-06-05
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[30] US (60/296,007) 2001-06-05
[30] US (60/296,003) 2001-06-05
[30] US (60/299,363) 2001-06-19
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[30] US (NOT YET ASSIGNED) 2001-07-31
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[13] A1

[51] **Int.Cl. 7B05B 13/04 7E01F 9/04 7E01C 23/22 7G09F 19/22**
[25] EN
[54] **METHOD FOR PRODUCING MARKINGS AND A MOBILE DEVICE FOR CARRYING OUT THIS METHOD**
[54] **PROCEDE DE PRODUCTION DE MARQUAGES ET APPAREIL MOBILE POUR LA MISE EN OEUVRE DUDIT PROCEDE**
[72] ULRICH, FRANZ, CH
[71] UDW, CH
[85] 2003-04-01
[86] 2001-07-09 (PCT/CH2001/000427)
[87] 2003-04-01 (WO2002/028541)
[30] CH (1930/00) 2000-10-02

[21] **2,424,122**
[13] A1

[51] **Int.Cl. 7B44C 5/04 7B29C 59/02 7B32B 31/20**
[25] EN
[54] **A PROCESS FOR THE MANUFACTURE OF SURFACE ELEMENTS**
[54] **PROCEDE DE FABRICATION D'ELEMENTS DE SURFACE**
[72] OHLSSON, LARS, SE
[72] NILSSON, MAGNUS N., SE
[72] HANSSON, KRISTER, SE
[72] CHRISTIANSSON, MADGALENA, SE
[72] ERICSSON, JAN, SE
[71] PERGO AB, SE
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[54] **SYSTEME, PROCEDE ET APPAREIL PERMETTANT DE DEPLOYER UNE RESSOURCE DE DONNEES DANS UN RACCORD DE TUYAUX FILETES**
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[72] MORRISH, MARTIN MELVILLE, US
[71] GRANT PRIDECO, L.P., US
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[54] **RECIPIENT EN VERRE A COUCHE AMELIOREE**
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[71] HEINEKEN TECHNICAL SERVICES B.V., NL
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[54] **PROCEDE ET DISPOSITIF POUR STABILISER LA PRODUCTION DE PUITTS DE PETROLE**
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[54] **ADHESIF RESPECTUEUX DE LA PEAU POURVU D'UNE SUBSTANCE REDUISANT LE PH**
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[54] **NOUVELLE SOUCHE DE LACTOBACILLUS PARACASEI**
[72] ANTONSSON, MARTIN, SE
[72] KJELLGREN, ANDERS, SE
[72] MOLIN, GORAN, SE
[72] NILSSON, BENGT FRANS, SE
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[54] **PANNEAUX POUR PONTS DE PASSERELLES, PROCEDES DE FABRICATION ET UTILISATION**
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[51] **Int.Cl. 7H04B 1/69**
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[54] **APPARATUS AND METHOD FOR DETECTING TRANSMITTING RATE OF TURBO DECODER**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE DETECTER LA VITESSE DE TRANSMISSION D'UN TURBO DECODEUR**
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[72] CHOI, SOON-JAE, KR
[72] KIM, BEONG-JO, KR
[72] HA, SANG-HYUCK, KR
[72] YU, NAM-YUL, KR
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[51] **Int.Cl. 7C22C 29/02**
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[72] HARDEN, PETER MICHAEL, ZA
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[72] FACCIN, STEFANO, US
[72] KAUPPINEN, RISTO, FI
[71] NOKIA CORPORATION, FI
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[54] **REDOSAGE DE PASTILLES DETERGENTES**
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[72] VANSPAUWEN, DIMITRI KRISTOF, BE
[72] SALAGER, SERGE ERIC, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[51] **Int.Cl. 7A61B 3/103**
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[54] **PROCEDE ET APPAREIL DE MESURE DES ABERRATIONS DE FRONT D'ONDES**
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[72] ISKANDER, DAOUD R., AU
[72] ROFFMAN, JEFFREY H., US
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[71] ZYMEQUEST, INC., US
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[51] **Int.Cl. 7A61B 17/58**
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[72] LIEBERMAN, ISADOR H., US
[71] THE CLEVELAND CLINIC FOUNDATION, US
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[51] **Int.Cl. 7A61N 1/05**
[25] EN
[54] **APPARATUS AND METHOD FOR TREATING FEMALE URINARY INCONTINENCE**
[54] **APPAREIL ET PROCEDE PERMETTANT DE TRAITER L'INCONTINENCE URINAIRE FEMININE**
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[72] EDELSTEIN, PETER, US
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[51] **Int.Cl. 7A01N 25/26 7A01N 63/00 7A01N 25/04 7A01N 59/06 7A01N 59/20 7A01N 47/34 7A01N 47/44**
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[54] **SYSTEME D'APPLICATION D'UN PESTICIDE**
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[72] PUTERKA, GARY J., US
[72] SEKUTOWSKI, DENNIS G., US
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[30] US (09/677,408) 2000-10-02

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[51] **Int.Cl. 7A47L 9/12**
[25] EN
[54] **AIRFLOW SYSTEM FOR BAGLESS VACUUM CLEANER**
[54] **SYSTEME D'ECOULEMENT D'AIR POUR UN ASPIRATEUR SANS SAC**
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[72] MCCORMICK, MICHAEL J., US
[72] STRECIWILK, ERIC J., US
[72] MARCUSSEN, HENRY, US
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[51] **Int.Cl. 7A01N 37/02 7A61K 9/00 7A01N 25/02 7A01N 25/06 7A61K 47/10 7A61K 9/12 7A61K 31/20 7A01N 25/24**
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[54] **COMPOSITIONS ANTIMICROBIENNES FORMULEES POUR ETRE UTILISEES DANS DES CONDITIONS A BASSE TEMPERATURE ET PROCEDES D'UTILISATION**
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[72] RICHTER, FRANCIS LAWRENCE, US
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[25] EN
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[54] **PROCEDE DE SYNTHESE DE 2,2,6,6-TETRAMETHYL-4-OXOPIPERIDINE**
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[72] MALZ, RUSSELL E., JR., US
[72] SON, YOUNG-CHAN, US
[71] UNIROYAL CHEMICAL COMPANY, INC., US
[71] UNIVERSITY OF CONNECTICUT, US
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[51] **Int.Cl. 7G10L 19/00**
[25] EN
[54] **METHOD AND SYSTEM FOR SPEECH FRAME ERROR CONCEALMENT IN SPEECH DECODING**
[54] **PROCEDE ET SYSTEME DE MASQUAGE D'ERREURS SUR LES TRAMES DE PAROLE DANS LE DECODAGE DE PAROLE**
[72] MAKINEN, JARI, FI
[72] MIKKOLA, HANNU J., FI
[72] ROTOLA-PUKKILA, JANI, FI
[72] VAINIO, JANNE, FI
[71] NOKIA CORPORATION, FI
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[51] **Int.Cl. 7C12N 5/08 7A61P 25/00 7A61K 35/12 7A61K 31/122 7C07C 50/28**
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[54] **STEM CELL DIFFERENTIATION-INDUCING PROMOTER**
[54] **PROMOTEUR INDUISANT LA DIFFERENTIATION DE CELLULES SOUCHES**
[72] YAMADA, MASASHI, JP
[72] SUMA, YUKIE, JP
[72] SUZUKI, HIROTO, JP
[72] MOHIER, ELIANE, FR
[72] LUU, BANG, FR
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[30] JP (2000-304746) 2000-10-04

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[51] **Int.Cl. 7G01N 22/04 7F26B 25/22**
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[54] **MICROWAVE MOISTURE SENSING VIA WAVEGUIDE WITH SLOT ARRAY**
[54] **EVALUATION D'HUMIDITE PAR MICRO-ONDES AU MOYEN D'UN GUIDE D'ONDES A FENTES**
[72] HOLMES, WAYNE STEPHEN, NZ
[72] RILEY, STEPHEN GEOFFREY, NZ
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[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **METHOD AND SYSTEM FOR ADVERTISEMENT USING INTERNET BROWSER WITH BOOK-LINE INTERFACE**
[54] **PROCEDE ET SYSTEME D'ANNONCES PUBLICITAIRES UTILISANT LE NAVIGATEUR D'INTERNET AVEC UNE INTERFACE TYPE LIVRE**
[72] SEET, CHERN HWAY, SG
[72] WAN, HONG KHOON, SG
[72] TAN, EUGENE ENG KHIAN, SG
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[72] SISCO, JOHN T., US
[72] QUIGLEY, AMY G., US
[72] LUMMA, WILLIAM C., JR., US
[72] DINSMORE, CHRISTOPHER J., US
[71] MERCK & CO., INC., US
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[54] **DISPOSITIF OPTIQUE AMELIORE A PHASES CONTINUE ET DISPERSEE**
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[72] KENT, SUSAN L., US
[72] TABAR, RONALD J., US
[72] JOHNSON, STEPHEN A., US
[72] CROSS, ELISA M., US
[72] ALLEN, RICHARD C., US
[72] HEBRINK, TIMOTHY J., US
[72] CONDO, PETER D., US
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[54] **PROCEDE ET SYSTEME D'ENCHERES INVERSES**
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[72] GALIK, ALISON QUINN, US
[71] ROSENBLUTH INTERNATIONAL, INC., US
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[87] 2002-04-11 (WO2002/029672)
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[25] EN
[54] **FILTER AND METHOD THEREFOR**
[54] **FILTRE ET PROCEDE CORRESPONDANT**
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[72] WILLIAMSON, ROGER J., GB
[71] NORTEL NETWORKS LIMITED, CA
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[30] US (09/677,214) 2000-10-02

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[54] **METHODS FOR TREATING MUSCLE INJURIES**
[54] **PROCEDES DE TRAITEMENT DE LESIONS MUSCULAIRES**
[72] BROOKS, GREGORY F., US
[72] AOKI, KEI ROGER, US
[71] ALLERGAN, INC., US
[85] 2003-04-01
[86] 2001-08-31 (PCT/US2001/027193)
[87] 2002-04-11 (WO2002/028425)
[30] US (09/678,189) 2000-10-04

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[25] EN
[54] **CYCLIC SULFONYL COMPOUNDS AS INHIBITORS OF METALLOPROTEASES**
[54] **COMPOSES SULFONYLE CYCLIQUES INHIBANT LES METALLOPROTEASES**
[72] KING, BRYAN W., US
[72] CHERNEY, ROBERT J., US
[71] BRISTOL-MYERS SQUIBB PHARMA COMPANY, US
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[25] EN
[54] **VIRTUAL PROTOTYPING AND TESTING FOR MEDICAL DEVICE DEVELOPMENT**
[54] **ESSAI ET PROTOTYPAGE VIRTUELS DE MISE AU POINT DE DISPOSITIFS MEDICAUX**
[72] WHIRLEY, ROBERT G., US
[72] CHOBOTOV, MICHAEL V., US
[71] TRIVASCULAR, INC., US
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[87] 2002-04-11 (WO2002/029758)
[30] US (09/679,725) 2000-10-04

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[13] A1

[51] **Int.Cl. 7A01N 51/00**
[25] EN
[54] **TREATMENT OF TRANSGENIC CORN SEEDS WITH CLOTHIANIDIN**
[54] **TRAITEMENT A LA CLOTHIANIDINE DE SEMENCES DE MAIS TRANSGENIQUES**
[72] SANDERS, ERNEST F., US
[72] KOHN, FRANK C., US
[72] ASRAR, JAWED, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2003-04-01
[86] 2001-10-02 (PCT/US2001/042446)
[87] 2002-04-11 (WO2002/028184)
[30] US (60/238,405) 2000-10-06
[30] US (09/968,230) 2001-10-01

[21] **2,424,254**
[13] A1

[51] **Int.Cl. 7B65D 41/32 7B65D 41/46**
[25] EN
[54] **CLOSURE LID AND RESEALABLE CLOSURE SYSTEM**
[54] **BOUCHON DE FERMETURE ET SYSTEME DE FERMETURE REFERMABLE**
[72] RANDALL, JEFFREY T., US
[71] SEAQUIST CLOSURES FOREIGN, INC., US
[85] 2003-04-01
[86] 2001-09-21 (PCT/US2001/029722)
[87] 2002-04-11 (WO2002/028735)
[30] US (09/678,361) 2000-10-03

[21] **2,424,256**
[13] A1

[51] **Int.Cl. 7F16H 7/12**
[25] EN
[54] **ACCESSORY AND MOTOR/ GENERATOR BELT DRIVE TENSIONER**
[54] **TENDEUR D'ENTRAINEMENT PAR COURROIE D'ACCESSOIRES ET DE MOTEUR/GENERATEUR**
[72] LIU, KEMING, US
[72] ALI, IMTIAZ, US
[72] HANES, DAVE, US
[71] THE GATES CORPORATION, US
[85] 2003-03-28
[86] 2001-10-01 (PCT/US2001/030772)
[87] 2002-04-11 (WO2002/029279)
[30] US (60/237,614) 2000-10-03

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[21] **2,424,257**
[13] A1

[51] **Int.Cl. 7H04B 1/707**
[25] EN
[54] **DATA BUFFER STRUCTURE FOR PHYSICAL AND TRANSPORT CHANNELS IN A CDMA SYSTEM**
[54] **STRUCTURE DE TAMPON DE DONNEES POUR CANAUX PHYSIQUES ET DE TRANSPORT DANS UN SYSTEME A ACCES MULTIPLE PAR CODE DE REPARTITION (AMCR)**
[72] SHIU, DA-SHAN, US
[72] AGRAWAL, AVNEESH, US
[71] QUALCOMM INCORPORATED, US
[85] 2003-03-31
[86] 2001-10-02 (PCT/US2001/030800)
[87] 2002-04-11 (WO2002/030000)
[30] US (09/678,645) 2000-10-03

[21] **2,424,259**
[13] A1

[51] **Int.Cl. 7F16H 7/12**
[25] EN
[54] **DUAL LINEAR BELT TENSIONER**
[54] **TENDEUR DE COURROIE LINEAIRE DOUBLE**
[72] SERKH, ALEXANDER, US
[71] THE GATES CORPORATION, US
[85] 2003-03-28
[86] 2001-10-01 (PCT/US2001/030769)
[87] 2002-04-11 (WO2002/029282)
[30] US (60/237,624) 2000-10-03

[21] **2,424,261**
[13] A1

[51] **Int.Cl. 7A61F 2/44**
[25] EN
[54] **METHOD AND APPARATUS FOR STABILIZING ADJACENT BONES**
[54] **PROCEDE ET APPAREIL PERMETTANT DE STABILISER DES OS ADJACENTS**
[72] LIEBERMAN, ISADOR H., US
[71] THE CLEVELAND CLINIC FOUNDATION, US
[85] 2003-03-28
[86] 2001-09-28 (PCT/US2001/030405)
[87] 2002-04-11 (WO2002/028323)
[30] US (60/238,265) 2000-10-05
[30] US (09/708,292) 2000-11-08

[21] **2,424,264**
[13] A1

[51] **Int.Cl. 7B41M 5/00 7C09B 67/00 7C09D 11/00**
[25] EN
[54] **RECORDING MEDIUM WITH NANOPARTICLES AND METHODS OF MAKING THE SAME**
[54] **SUPPORT D'ENREGISTREMENT A NANOPARTICULES ET PROCEDES DE FABRICATION**
[72] KRONBERG, BENGT, SE
[72] MACDONALD, JOHN GAVIN, US
[72] NOHR, RONALD SINCLAIR, US
[71] KIMBERLEY-CLARK WORLDWIDE, INC., US
[85] 2003-04-01
[86] 2001-10-02 (PCT/US2001/030794)
[87] 2002-04-11 (WO2002/028659)
[30] US (60/237,142) 2000-10-02
[30] US (60/243,022) 2000-10-25

[21] **2,424,265**
[13] A1

[51] **Int.Cl. 7G01N 29/04**
[25] EN
[54] **ULTRASONIC AUSTENITIC WELD SEAM INSPECTION METHOD AND APPARATUS**
[54] **PROCEDE D'INSPECTION PAR ULTRASONS D'UN CORDON DE SOUDURE CONSTITUE D'UN MATERIAU AUSTENITIQUE ET APPAREIL CORRESPONDANT**
[72] KRUZIC, RONALD W., US
[71] CHICAGO BRIDGE AND IRON COMPANY, US
[85] 2003-03-31
[86] 2001-10-04 (PCT/US2001/031537)
[87] 2002-04-18 (WO2002/031487)
[30] US (09/688,304) 2000-10-13

[21] **2,424,268**
[13] A1

[51] **Int.Cl. 7A61C 17/34 7A46B 11/00 7A46B 13/04**
[25] EN
[54] **ORAL TREATMENT SYSTEMS**
[54] **SYSTEMES DE TRAITEMENT BUCCAL**
[72] VILTRO, LOUIS JOHN, US
[72] WRIGHT, SCOTT MATTHEW, US
[72] LEIGH, MICHAEL JAMES, GB
[72] WHITE, CHRISTOPHER DAVID, GB
[72] HEALEY, PATRICK JOHN, US
[72] DE AMICIS, GIOVANNI BATTISTA, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-03-31
[86] 2001-04-06 (PCT/US2001/011453)
[87] 2002-05-30 (WO2002/041801)
[30] US (09/721,431) 2000-11-22

[21] **2,424,269**
[13] A1

[51] **Int.Cl. 7B05B 15/04 7C23C 16/08 7C23C 16/32**
[25] EN
[54] **SUPPORTED TUNGSTEN CARBIDE MATERIAL**
[54] **MATERIAU SUPPORTE A BASE DE CARBURE DE TUNGSTENE**
[72] CHRISTIAN, JOEL B., US
[72] MENDENHALL, ROBERT G., US
[72] DANG, TUAN A., US
[71] OSRAM SYLVANIA INC., US
[85] 2003-03-28
[86] 2001-08-30 (PCT/US2001/026874)
[87] 2002-04-11 (WO2002/028544)
[30] US (09/675,771) 2000-09-29

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[21] **2,424,272**
[13] A1
[51] **Int.Cl. 7A01N 51/00 7A01N 63/00**
[25] EN
[54] **METHOD FOR REDUCING PEST DAMAGE TO CORN BY TREATING TRANSGENIC CORN SEEDS WITH THIAMETHOXAM PESTICIDE**
[54] **PROCEDE PERMETTANT DE REDUIRE LES PRELEVEMENTS ALIMENTAIRES DE DEPREDATEURS SUR LE MAIS PAR TRAITEMENT DES SEMENCES DE MAIS TRANSGENIQUES AU MOYEN DE PESTICIDE THIAMETHOXAM**
[72] SANDERS, ERNEST F., US
[72] ASRAR, JAWED, US
[72] KOHN, FRANK C., US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2003-04-01
[86] 2001-10-02 (PCT/US2001/042461)
[87] 2002-04-11 (WO2002/028185)
[30] US (60/238,406) 2000-10-06
[30] US (09/968,174) 2001-10-01

[21] **2,424,273**
[13] A1
[51] **Int.Cl. 7C07C 275/16 7C12P 13/00 7C12P 13/10 7A61K 31/17 7A61K 31/197 7C12N 1/20**
[25] EN
[54] **CITRULLIMYCINES, A PROCESS FOR THEIR PRODUCTION AND THEIR USE AS PHARMACEUTICALS**
[54] **CITRULLIMYCINES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION EN TANT QU'AGENTS PHARMACEUTIQUES**
[72] HOPMANN, CORDULA, DE
[72] BRONSTRUP, MARK, DE
[72] WINK, JOACHIM, DE
[72] KURZ, MICHAEL, DE
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
[85] 2003-04-01
[86] 2001-09-27 (PCT/EP2001/011192)
[87] 2002-04-11 (WO2002/028824)
[30] EP (00121566.4) 2000-10-02

[21] **2,424,276**
[13] A1
[51] **Int.Cl. 7H04B 3/46 7H03K 3/00 7H04L 7/00 7H03K 5/01 7H03K 9/08 7H04L 27/14 7H03D 3/18 7H03K 5/22**
[25] EN
[54] **METHOD AND APPARATUS FOR SIGNAL INTEGRITY VERIFICATION**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE VERIFIER L'INTEGRITE D'UN SIGNAL**
[72] CONKLIN, TROY R., US
[72] HUTCHISON, HAROLD B., JR., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2003-03-28
[86] 2001-08-22 (PCT/US2001/026320)
[87] 2002-04-11 (WO2002/030002)
[30] US (09/680,819) 2000-10-05

[21] **2,424,277**
[13] A1
[51] **Int.Cl. 7B32B 21/08**
[25] EN
[54] **METHOD OF FINISHING A WOOD SUBSTRATE**
[54] **PROCEDE DE FINITION D'UN SUBSTRAT EN BOIS**
[72] REID, THOMAS J., US
[72] JANSSEN, JEFFREY R., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-03-28
[86] 2001-02-07 (PCT/US2001/004031)
[87] 2002-04-11 (WO2002/028636)
[30] US (09/678,570) 2000-10-03

[21] **2,424,278**
[13] A1
[51] **Int.Cl. 7C07D 401/12**
[25] EN
[54] **A PROCESS FOR THE PREPARATION OF PANTOPRAZOLE AND INTERMEDIATES THEREFOR**
[54] **PROCEDE DE PREPARATION DE PANTOPRAZOLE ET DE PRODUITS INTERMEDIAIRES DE CELUI-CI**
[72] PALOMO COLL, ALBERTO, ES
[71] DINAMITE DIPHARMA (IN ABBREVIATED FORM DIPHARMA S.P.A.), IT
[85] 2003-04-01
[86] 2001-10-01 (PCT/EP2001/011327)
[87] 2002-04-11 (WO2002/028852)
[30] ES (P2000 02370) 2000-10-02

[21] **2,424,279**
[13] A1
[51] **Int.Cl. 7C07D 285/135 7A61P 29/00 7A61P 37/00 7C07D 453/02 7C07D 417/04 7C07D 417/10 7C07D 271/113 7C07D 417/12 7C07D 417/14 7A61K 31/4245 7A61K 31/433 7A61K 31/439 7A61K 31/4439 7A61K 31/4709 7A61K 31/497 7A61K 31/55**
[25] EN
[54] **NEW THIADIAZOLES AND OXADIAZOLES AND THEIR USE AS PHOSPHODIESTERASE-7 INHIBITORS**
[54] **NOUVEAUX THIADIAZOLES ET OXADIAZOLES ET UTILISATION DE CEUX-CI COMME INHIBITEURS DE LA PHOSPHODIESTERASE DE TYPE 7**
[72] BERNARDELLI, PATRICK, FR
[72] ANDRIANJARA, CHARLES, FR
[72] DUCROT, PIERRE, FR
[72] VERGNE, FABRICE, FR
[72] LORTHIOIS, EDWIGE, FR
[71] WARNER-LAMBERT COMPANY LLC, US
[85] 2003-04-01
[86] 2001-10-01 (PCT/EP2001/011330)
[87] 2002-04-11 (WO2002/028847)
[30] EP (00402710.8) 2000-10-02

[21] **2,424,280**
[13] A1
[51] **Int.Cl. 7C07C 213/08 7C07K 5/06 7C07C 213/10 7C07C 51/41 7C07C 51/43 7C07D 233/78**
[25] EN
[54] **DYNAMIC RESOLUTION OF ISOMERS AND RESOLVED ISOMERS**
[54] **RESOLUTION DYNAMIQUE D'ISOMERES ET ISOMERES RESOLUS**
[72] DISCORDIA, ROBERT P., US
[72] HENNINGS, DAVID D., US
[72] MADDING, GARY D., US
[72] KOTNIS, ATUL S., US
[72] KIAU, SUSANNE, US
[72] ROSSO, VICTOR W., US
[72] ZHU, JINGYANG, US
[72] RANDAZZO, MICHAEL E., US
[72] CHEN, JASON G., US
[72] OKUNIEWICZ, FRANCIS J., US
[72] VENIT, JOHN J., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2003-03-28
[86] 2001-09-24 (PCT/US2001/029783)
[87] 2002-04-11 (WO2002/028809)
[30] US (60/236,937) 2000-09-29

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[21] **2,424,281**
[13] A1

[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **ENDOLUMINALLY PLACED VASCULAR GRAFT**
[54] **GREFFE VASCULAIRE DISPOSEE DE MANIERE ENDOLUMINALE**
[72] MCDERMOTT, JOHN D., US
[71] IMPRA, INC. A SUBSIDIARY OF C.R. BARD, INC., US
[85] 2003-03-28
[86] 2001-09-20 (PCT/US2001/029471)
[87] 2002-04-11 (WO2002/028316)
[30] US (09/678,505) 2000-10-02

[21] **2,424,282**
[13] A1

[51] **Int.Cl. 7C07D 401/06 7C07D 241/08 7C07D 243/08 7C07D 401/12 7A61K 31/495 7A61K 31/551**
[25] EN
[54] **DIAZACYCLOALKANEDIONE DERIVATIVES WHICH ARE USEFUL AS LFA-1 ANTAGONIST**
[54] **DERIVES DE DIAZACYCLOALCANEDIONES**
[72] WATTANASIN, SOMPONG, US
[72] DAWSON KING, JANET, CH
[72] ALBERT, RAINER, CH
[72] EHRHARDT, CLAUS, DE
[72] WELZENBACH, KARL, CH
[72] WEITZ SCHMIDT, GABRIELE, DE
[71] NOVARTIS AG, CH
[85] 2003-04-01
[86] 2001-10-01 (PCT/EP2001/011342)
[87] 2002-04-11 (WO2002/028842)
[30] US (60/237,231) 2000-10-02

[21] **2,424,283**
[13] A1

[51] **Int.Cl. 7A61L 15/34 7A61L 15/58**
[25] EN
[54] **SELF-ADHESIVE WOUND DRESSING**
[54] **PANSEMENT ADHESIF**
[72] FABO, TOMAS, SE
[71] MOLNLYCKE HEALTH CARE AB, SE
[85] 2003-03-28
[86] 2001-09-28 (PCT/SE2001/002102)
[87] 2002-04-11 (WO2002/028445)
[30] SE (0003536-0) 2000-10-02

[21] **2,424,288**
[13] A1

[51] **Int.Cl. 7A61B 5/15**
[25] EN
[54] **DEVICE AND METHOD FOR OBTAINING INTERSTITIAL FLUID FROM A PATIENT FOR DIAGNOSTIC TESTS**
[54] **DISPOSITIF ET PROCEDE DE PRELEVEMENT DE FLUIDE INTERSTITIEL D'UN PATIENT POUR TESTS DIAGNOSTIQUES**
[72] LOWERY, MICHAEL G., US
[72] HENNING, TIMOTHY P., US
[71] ABBOTT LABORATORIES, US
[85] 2003-03-28
[86] 2001-10-11 (PCT/US2001/032006)
[87] 2002-04-18 (WO2002/030488)
[30] US (09/689,527) 2000-10-12

[21] **2,424,290**
[13] A1

[51] **Int.Cl. 7G02B 23/12 7B60R 1/00 7G02B 27/01 7B60R 11/04**
[25] EN
[54] **SYSTEM AND METHOD FOR FORMING IMAGES FOR DISPLAY IN A VEHICLE**
[54] **SYSTEME ET PROCEDE PERMETTANT DE FORMER DES IMAGES A AFFICHER DANS UN VEHICULE**
[72] KORMOS, ALEXANDER L., US
[71] RAYTHEON COMPANY, US
[85] 2003-03-28
[86] 2001-10-11 (PCT/US2001/031952)
[87] 2002-04-18 (WO2002/031439)
[30] US (60/240,510) 2000-10-13
[30] US (09/972,543) 2001-10-08

[21] **2,424,292**
[13] A1

[51] **Int.Cl. 7C07D 311/04 7C07D 335/04 7A61K 31/35 7A61K 31/38**
[25] EN
[54] **TRICYCLIC COMPOUNDS AND USES THEREOF**
[54] **COMPOSES TRICYCLIQUES ET LEURS UTILISATIONS**
[72] NEOGI, PARTHA, US
[72] SHARMA, SOMESH D., US
[72] SEN, ANANDA, US
[72] DEY, DEBENDRANATH, US
[72] NAG, BISHWAJIT, US
[71] CALYX THERAPEUTICS, INC., US
[85] 2003-03-28
[86] 2001-10-10 (PCT/US2001/031731)
[87] 2002-04-18 (WO2002/030888)
[30] US (60/238,475) 2000-10-10

[21] **2,424,293**
[13] A1

[51] **Int.Cl. 7A61B 17/16**
[25] EN
[54] **DEVICE FOR CONNECTING SURGICAL CLEARING OR DRILLING TOOL COMPONENTS**
[54] **DISPOSITIF DE CONNEXION D'OUTILS D'EVACUATION OU DE PERCAGE CHIRURGICAUX**
[72] STEIGER, PETER, CH
[72] BRUNNER, PETER, CH
[71] SYNTHES (U.S.A.), US
[85] 2003-03-27
[86] 2000-09-27 (PCT/CH2000/000527)
[87] 2003-03-27 (WO2002/026141)

[21] **2,424,296**
[13] A1

[51] **Int.Cl. 7C07K 16/28 7A61P 37/00 7C12N 15/13 7A61K 39/395**
[25] EN
[54] **HUMAN ANTI-CD40 ANTIBODIES**
[54] **ANTICORPS HUMAINS DIRIGES CONTRE CD40**
[72] CHU, KETING, US
[72] DONNELLY, JOHN J., US
[72] WANG, CHANGYU, US
[72] YOSHIHARA, CORRINE, US
[71] CHIRON CORPORATION, US
[85] 2003-04-01
[86] 2001-10-02 (PCT/US2001/030857)
[87] 2002-04-11 (WO2002/028904)
[30] US (60/237,556) 2000-10-02

[21] **2,424,298**
[13] A1

[51] **Int.Cl. 7G01N 27/447**
[25] EN
[54] **METHOD AND DEVICE FOR CARRYING OUT 2D ELECTROPHORESIS IN LARGE GELS**
[54] **PROCEDE ET DISPOSITIF POUR ELECTROPHORESE EN 2D DANS DES GELS IMPORTANTS**
[72] KLOSE, JOACHIM, DE
[71] PROTAGEN AG, DE
[85] 2003-04-04
[86] 2001-10-04 (PCT/DE2001/003869)
[87] 2003-04-04 (WO2002/029396)
[30] DE (100 50 838.3) 2000-10-05

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[21] **2,424,299**
[13] A1

[51] **Int.Cl. 7A61K 31/56**
[25] EN
[54] **COMBINATION THERAPY FOR THE TREATMENT OF ESTROGEN-SENSITIVE DISEASE**
[54] **POLYTHERAPIE POUR LE TRAITEMENT DE MALADIE A SENSIBILITE OESTROGENIQUE**
[72] MORAN, S. MARK, US
[72] LANGECKER, PETER, US
[71] BIOMEDICINES, INC., US
[85] 2003-03-28
[86] 2001-10-03 (PCT/US2001/031060)
[87] 2002-04-18 (WO2002/030429)
[30] US (60/238,772) 2000-10-06

[21] **2,424,300**
[13] A1

[51] **Int.Cl. 7C07D 239/91 7C07D 401/04 7C07D 249/08 7C07D 265/22 7G01N 33/58 7C07D 263/60 7C07D 277/66**
[25] EN
[54] **REAGENTS FOR LABELING BIOMOLECULES HAVING ALDEHYDE OR KETONE MOIETIES**
[54] **REACTIFS POUR LE MARQUAGE DE BIOMOLECULES A FRACTIONS ALDEHYDE OU CETONE**
[72] STEINBERG, THOMAS H., US
[72] PATTON, WAYNE P., US
[72] HAUGLAND, RICHARD P., US
[72] ZHENJUN, DIWU, US
[71] MOLECULAR PROBES, INC., US
[85] 2003-04-01
[86] 2001-10-02 (PCT/US2001/030851)
[87] 2002-04-11 (WO2002/028841)
[30] US (60/237,932) 2000-10-02

[21] **2,424,301**
[13] A1

[51] **Int.Cl. 7H04M 1/02**
[25] EN
[54] **CORDLESS TELEPHONE**
[54] **TELEPHONE SANS FIL**
[72] FEHRM, BJORN, DE
[71] FUJITSU SIEMENS COMPUTERS GMBH, DE
[85] 2003-03-31
[86] 2001-10-17 (PCT/DE2001/003960)
[87] 2003-03-31 (WO2002/033940)
[30] DE (100 52 212.2) 2000-10-20

[21] **2,424,302**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**
[25] EN
[54] **METHOD AND SYSTEM FOR ADVERTISEMENT USING INTERNET BROWSER TO INSERT ADVERTISEMENTS**
[54] **PROCEDE ET SYSTEME DE PUBLICITE UTILISANT LE NAVIGATEUR D'INTERNET POUR INTRODUIRE DES ANNONCES PUBLICITAIRES**
[72] CHOW, CHEE KWAN, SG
[72] SEET, CHERN HWAY, SG
[72] WAN, HONG KHOON, SG
[72] HO, SENG BENG, SG
[72] TAN, EUGENE ENG KHIAN, SG
[71] E-BOOK SYSTEMS PTE. LTD., SG
[85] 2003-03-28
[86] 2001-10-10 (PCT/SG2001/000206)
[87] 2002-04-18 (WO2002/031619)
[30] US (09/686,965) 2000-10-12

[21] **2,424,303**
[13] A1

[51] **Int.Cl. 7C07D 487/04 7C07D 221/00 7C07D 231/00 7C07D 235/00 7C07D 239/00 7C07D 241/00 7C07D 277/00 7A61P 29/00 7A61P 37/00 7C07D 471/04 7C07D 513/04 7A61K 31/4365 7A61K 31/437 7A61K 31/4985 7A61K 31/519**
[25] EN
[54] **AMINO-SUBSTITUTED TETRACYCLIC COMPOUNDS USEFUL AS ANTI-INFLAMMATORY AGENTS AND PHARMACEUTICAL COMPOSITIONS COMPRISING SAME**
[54] **COMPOSES TETRACYCLIQUES AMINO-SUBSTITUES UTILES EN TANT QU'AGENTS ANTI-INFLAMMATOIRES ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
[72] QIU, YUPING, US
[72] BELEMA, MAKONEN, US
[72] OUELLET, CARL, CA
[72] ZUSI, FRED C., US
[72] YANG, XUEJIE, US
[72] BEAULIEU, FRANCIS, CA
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2003-04-01
[86] 2001-09-27 (PCT/US2001/042387)
[87] 2002-04-11 (WO2002/028860)
[30] US (60/223,304) 2000-10-03

[21] **2,424,304**
[13] A1

[51] **Int.Cl. 7C07D 239/02 7C07D 401/00 7C07D 471/02 7C07D 487/02**
[25] EN
[54] **PROCESS FOR PREPARATION OF INTEGRIN RECEPTOR ANTAGONIST INTERMEDIATES**
[54] **PROCEDE DE PREPARATION D'INTERMEDIAIRES ANTAGONISTES DU RECEPTEUR DE L'INTEGRINE**
[72] WATERS, MARJORIE SEE, US
[72] HUMPHREY, GUY R., US
[72] MCWILLIAMS, JAMES CHRISTOPHER, US
[72] ENG, KAN K., US
[72] BUCK, ELIZABETH, US
[72] MALIGRES, PETER E., US
[72] SAGER, JESS W., US
[71] MERCK & CO., INC., US
[85] 2003-04-01
[86] 2001-10-01 (PCT/US2001/042411)
[87] 2002-04-11 (WO2002/028840)
[30] US (60/238,259) 2000-10-05

[21] **2,424,305**
[13] A1

[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **EXPANDABLE MEDICAL DEVICE FOR DELIVERY OF BENEFICIAL AGENT**
[54] **DISPOSITIF MEDICAL EXTENSIBLE SERVANT A L'ADMINISTRATION D'UN AGENT BENEFIQUE**
[72] SHANLEY, JOHN F., US
[71] CONOR MEDSYSTEMS, INC., US
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[87] 2002-04-25 (WO2002/032347)
[30] US (09/688,092) 2000-10-16

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[51] **Int.Cl. 7A61M 29/00 7A61F 2/06 7A61F 2/24**
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[54] **OVER-THE-WIRE INTERLOCK ATTACHMENT/DETACHMENT MECHANISM**
[54] **MECANISME A FIXATION ET DETACHEMENT POUR JONCTION SUR FIL**
[72] OPOLSKI, STEVEN W., US
[72] FORDE, SEAN T., US
[71] NMT MEDICAL, INC., US
[85] 2003-03-28
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[87] 2002-04-25 (WO2002/032496)
[30] US (60/241,005) 2000-10-18
[30] US (09/977,971) 2001-10-17

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[13] A1
[51] **Int.Cl. 7H04Q 7/38**
[25] EN
[54] **CONTROL OF THE LOCATION INFORMATION**
[54] **COMMANDE DES INFORMATIONS DE LOCALISATION**
[72] RAJANIEMI, JAAKKO, FI
[71] NOKIA CORPORATION, FI
[85] 2003-03-28
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[87] 2002-05-10 (WO2002/037884)

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[13] A1
[51] **Int.Cl. 7B23D 31/04 7B23D 25/14**
[25] EN
[54] **COMPACT ROTARY SHEARS**
[54] **ELEMENT DE CISAILLAGE A LAME CIRCULAIRE COMPACT**
[72] BEUTER, MATTHIAS, DE
[72] GRAFE, HORST, DE
[71] SMS DEMAG
AKTIENGESELLSCHAFT, DE
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[30] DE (100 54 761.3) 2000-11-04

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[13] A1
[51] **Int.Cl. 7G01N 33/543**
[25] EN
[54] **INDIVIDUALLY ADDRESSABLE MICRO-ELECTROMAGNETIC UNIT ARRAY CHIPS IN HORIZONTAL CONFIGURATIONS**
[54] **PUCES A ENSEMBLES D'UNITES MICRO-ELECTROMAGNETIQUES ADRESSABLES INDIVIDUELLEMENT EN CONFIGURATIONS HORIZONTALES**
[72] WANG, XIAOBO, US
[72] WU, LEI, US
[72] XU, JUNQUAN, CN
[72] LIU, LITIAN, CN
[72] CHENG, JING, CN
[72] YANG, WEIPING, US
[72] ZHOU, YUXIANG, CN
[71] AVIVA BIOSCIENCES CORPORATION, US
[85] 2003-04-04
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[87] 2002-04-18 (WO2002/031505)
[30] US (09/685,410) 2000-10-10

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[13] A1
[51] **Int.Cl. 7C12N 5/00 7A01H 1/00 7C12N 15/82**
[25] EN
[54] **ENHANCED TRANSFORMATION AND REGENERATION OF TRANSFORMED EMBRYOGENIC PINE TISSUE**
[54] **TRANSFORMATION ET REGENERATION AMELIOREES D'UN TISSU EMBRYOGENIQUE DE PIN**
[72] CONNETT-PORCEDDU, MARIE BERNICE, US
[72] GULLEDGE, JON ERIC, US
[72] MCCORMACK, RYAN R., US
[72] GLADFELTER, HEATHER JEANNE, US
[71] WESTVACO CORPORATION, US
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[86] 2001-10-10 (PCT/US2001/031586)
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[30] US (60/239,143) 2000-10-10
[30] US (60/297,267) 2001-06-12

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[13] A1
[51] **Int.Cl. 7A01H 4/00 7A01H 7/00 7C12N 15/00 7C12N 15/82 7C12N 15/84**
[25] EN
[54] **ENHANCED SELECTION OF GENETICALLY MODIFIED PINE EMBRYOGENIC TISSUE**
[54] **SELECTION AMELIOREE DE TISSU EMBRYOGENE DE PIN GENETIQUEMENT MODIFIE**
[72] CONNETT-PORCEDDU, MARIE BERNICE, US
[72] GULLEDGE, JON ERIC, US
[71] WESTVACO CORPORATION, US
[85] 2003-03-31
[86] 2001-10-10 (PCT/US2001/031588)
[87] 2002-04-18 (WO2002/031113)
[30] US (60/239,143) 2000-10-10
[30] US (60/297,267) 2001-06-12

[21] **2,424,316**
[13] A1
[51] **Int.Cl. 7A61K 7/16**
[25] EN
[54] **ANHYDROUS DENTIFRICE FORMULATIONS FOR THE DELIVERY OF INCOMPATIBLE INGREDIENTS**
[54] **PREPARATIONS DENTIFRICES ANHYDRES POUR L'ADMINISTRATION D'INGREDIENTS INCOMPATIBLES**
[72] MURPHY, STEPHEN W., US
[72] TRAMA, MICHAEL E., US
[72] XU, JIN, US
[72] NAYAR, BALA, US
[71] BLOCK DRUG COMPANY, INC., US
[85] 2003-03-31
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[13] A1

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[25] EN
[54] **MEDIUM ACCESS CONTROL FOR ORTHOGONAL FREQUENCY-DIVISION MULTIPLE-ACCESS (OFDMA) CELLULAR NETWORKS**
[54] **CONTROLE D'ACCES AU SUPPORT POUR RESEAUX CELLULAIRES AVEC MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE (MROF)**
[72] LI, XIAODONG, US
[72] MU, FUQI, US
[72] LIU, HUI, US
[71] BROADSTORM TELECOMMUNICATIONS, INC., US
[85] 2003-03-31
[86] 2001-10-10 (PCT/US2001/031766)
[87] 2002-04-18 (WO2002/031991)
[30] US (09/685,977) 2000-10-10

[21] **2,424,321**
[13] A1

[51] **Int.Cl. 7F16H 45/02**
[25] EN
[54] **AUTOMATIC TRANSMISSION FRICTION CLUTCH**
[54] **EMBRAYAGE A FRICTION POUR TRANSMISSION AUTOMATIQUE**
[72] JOHNSON, KENNETH O., US
[71] JOHNSON, KENNETH O., US
[85] 2003-03-31
[86] 2001-10-02 (PCT/US2001/042456)
[87] 2002-04-11 (WO2002/029285)
[30] US (60/237,615) 2000-10-03

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[13] A1

[51] **Int.Cl. 7E02F 9/28**
[25] FR
[54] **SYSTEME D'ACCOUPLLEMENT POUR LES DENTS D'UNE EXCAVATRICE**
[54] **COUPLING SYSTEM FOR THE TEETH OF AN EXCAVATOR**
[72] VALLVE I BERTRAN, NIL, ES
[72] PALLAS MORENO, JORGE, ES
[72] SANCHEZ GUIASADO, FERMIN, ES
[72] MORALES LAGUARDA, LLUIS, ES
[71] METALOGENIA S.A., ES
[85] 2003-03-28
[86] 2001-10-02 (PCT/ES2001/000363)
[87] 2003-03-28 (WO2002/029167)
[30] ES (P 200002454) 2000-10-03

[21] **2,424,327**
[13] A1

[51] **Int.Cl. 7G03H 1/26 7G02F 1/35**
[25] EN
[54] **DIRECT WRITE HOLOGRAPHIC PRINTER**
[54] **IMPRIMANTE HOLOGRAPHIQUE A INSCRIPTION DIRECTE**
[72] RODIN, ALEXEY, LT
[72] VERGNES, FLORIAN, GB
[72] BROTHERTON-RATCLIFFE, DAVID, GB
[71] XYZ IMAGING INC., CA
[85] 2003-03-28
[86] 2001-10-08 (PCT/GB2001/004453)
[87] 2002-04-11 (WO2002/029500)
[30] GB (0024533.2) 2000-10-06

[21] **2,424,329**
[13] A1

[51] **Int.Cl. 7G02F 1/35 7G03H 1/26**
[25] EN
[54] **PULSED MULTIPLE COLOUR LASER SYSTEM**
[54] **SYSTEME LASER PULSE A PLUSIEURS COULEURS**
[72] BROTHERTON-RATCLIFFE, DAVID, GB
[72] VERGNES, FLORIAN, GB
[72] RODIN, ALEXEY, LT
[71] GEOLA TECHNOLOGIES LTD, GB
[85] 2003-03-28
[86] 2001-10-08 (PCT/GB2001/004460)
[87] 2002-04-11 (WO2002/029487)
[30] GB (0024533.2) 2000-10-06

[21] **2,424,330**
[13] A1

[51] **Int.Cl. 7G06F 13/00**
[25] EN
[54] **COOPERATIVE MANAGEMENT OF DISTRIBUTED NETWORK CACHES**
[54] **GESTION COOPERATIVE D'ANTEMEMOIRES DE RESEAU REPARTI**
[72] CRANE, JONATHAN, US
[72] CHENG, PAUL, US
[72] BAI, JOSEPH, US
[72] CARNEY, ROBERT, US
[71] INKTOMI CORPORATION, US
[85] 2003-03-31
[86] 2001-10-31 (PCT/US2001/045425)
[87] 2002-05-10 (WO2002/037296)
[30] US (60/245,007) 2000-11-01
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[13] A1

[51] **Int.Cl. 7G11B 20/00**
[25] EN
[54] **APPROACH FOR TRACKING DATA**
[54] **METHODE DE LOCALISATION DE DONNEES**
[72] LITTLEFIELD, ANDREW, US
[71] INKTOMI CORPORATION, US
[85] 2003-03-31
[86] 2001-10-30 (PCT/US2001/048476)
[87] 2002-05-10 (WO2002/037489)
[30] US (09/703,343) 2000-10-31

[21] **2,424,335**
[13] A1

[51] **Int.Cl. 7C08L 65/00 7C08J 5/18**
[25] EN
[54] **MELT-MOLDABLE, THERMOPLASTIC NORBORNENE-BASED RESIN COMPOSITION, AND MOLDED ARTICLE OR OPTICAL FILM USING THE SAME**
[54] **COMPOSITION DE RESINE THERMOPLASTIQUE A BASE DE NORBORNENE POUVANT ETRE MOULEE PAR FUSION ET ARTICLE MOULE ET FILM OPTIQUE COMPRENANT CETTE COMPOSITION DE RESINE**
[72] NOZATO, SHOJI, JP
[72] HIRAIKE, HIROSHI, JP
[72] MORITA, TAKEHARU, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2003-03-28
[86] 2001-10-01 (PCT/JP2001/008625)
[87] 2003-03-28 (WO2002/028966)
[30] JP (2000-302558) 2000-10-02
[30] JP (2001-122551) 2001-04-20
[30] JP (2001-293148) 2001-09-26

[21] **2,424,340**
[13] A1

[51] **Int.Cl. 7H04N 7/26 7H04N 7/50**
[25] EN
[54] **COMPRESSION OF MOTION VECTORS**
[54] **COMPRESSION DE VECTEURS DE MOUVEMENT**
[72] KNEE, MICHAEL JAMES, GB
[72] SNELL, VIOLET, GB
[71] SNELL & WILCOX LIMITED, GB
[85] 2003-03-28
[86] 2001-10-09 (PCT/GB2001/004517)
[87] 2002-04-18 (WO2002/032143)
[30] GB (0024709.8) 2000-10-09
[30] GB (0101875.3) 2001-01-24

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[21] **2,424,341**
[13] A1
[51] **Int.Cl. 7C04B 35/638 7B01D 11/02 7B22F 3/10**
[25] EN
[54] **METHOD FOR PRODUCING A COMPONENT BY MEANS OF A POWDERY STARTING MATERIAL AND EXTRACTOR SUITABLE THEREFORE**
[54] **PROCEDE DE PRODUCTION D'UN COMPOSANT A PARTIR D'UNE MATIERE PREMIERE EN POUDRE ET EXTRACTEUR APPROPRIE POUR CE PROCEDE**
[72] BERGER, THOMAS, DE
[72] COHRT, HENRI, DE
[72] DIERKES, HERIBERT, DE
[71] MESSER GRIESHEIM GMBH, DE
[71] UHDE HOCHDRUCKTECHNIK GMBH, DE
[85] 2003-04-01
[86] 2001-03-30 (PCT/EP2001/003663)
[87] 2003-04-01 (WO2001/074518)
[30] DE (100 16 695.4) 2000-04-04

[21] **2,424,345**
[13] A1
[51] **Int.Cl. 7A61K 9/127 7A61K 9/133**
[25] EN
[54] **LIPOSOMAL FORMULATION OF MITOXANTRONE**
[54] **PREPARATION LIPOSOMALES A BASE DE MITOXANTRONE**
[72] AHMAD, IMRAN, US
[72] RAHMAN, AQUILUR, US
[71] NEOPHARM, INC., US
[85] 2003-03-28
[86] 2001-10-16 (PCT/US2001/042757)
[87] 2002-04-25 (WO2002/032400)
[30] US (60/241,069) 2000-10-16

[21] **2,424,348**
[13] A1
[51] **Int.Cl. 7G01F 1/84 7G01F 25/00 7G01N 9/00**
[25] EN
[54] **APPARATUS AND METHOD FOR COMPENSATING MASS FLOW RATE OF A MATERIAL WHEN THE DENSITY OF THE MATERIAL CAUSES AN UNACCEPTABLE ERROR IN FLOW RATE**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE COMPENSER LE DEBIT MASSIQUE D'UNE MATIERE LORSQUE LA DENSITE DE CETTE MATIERE PROVOQUE UN DEFAUT INADMISSIBLE DE DEBIT**
[72] PATTEN, ANDREW T., US
[72] HAYS, PAUL J., US
[71] MICRO MOTION, INC., US
[85] 2003-03-31
[86] 2001-10-26 (PCT/US2001/047609)
[87] 2002-05-10 (WO2002/037063)
[30] US (09/705,995) 2000-11-03

[21] **2,424,351**
[13] A1
[51] **Int.Cl. 7A24D 3/14**
[25] EN
[54] **A CIGARETTE FILTER WITH SCAVENGING EFFECT ON FREE RADICALS IN CIGARETTE SMOKE AND ITS PREPARATION METHOD**
[54] **FILTRE DE CIGARETTE PIEGEANT LES RADICAUX LIBRES DE LA FUMEE, ET PROCEDE D'ELABORATION**
[72] LI, JINGNONG, CN
[72] ZHAO, BAOLU, CN
[72] ROHDEWALD, PETER, DE
[71] HORPHAG RESEARCH (UK) LTD., GB
[85] 2003-03-28
[86] 2001-10-08 (PCT/IB2001/001862)
[87] 2002-04-25 (WO2002/032239)
[30] CN (00 1 30133.0) 2000-10-16
[30] US (09/963,041) 2001-09-25

[21] **2,424,353**
[13] A1
[51] **Int.Cl. 7A47J 27/21**
[25] EN
[54] **LIQUID HEATING VESSEL**
[54] **RECEPTACLE CHAUFFANT POUR LIQUIDE**
[72] GORDON, STEWART, GB
[71] PULSE HOME PRODUCTS LIMITED, GB
[85] 2003-04-01
[86] 2001-05-22 (PCT/GB2001/002254)
[87] 2002-04-25 (WO2002/032277)
[30] GB (0025794.9) 2000-10-20

[21] **2,424,355**
[13] A1
[51] **Int.Cl. 7A61B 10/00**
[25] EN
[54] **INCISIONAL BREAST BIOPSY DEVICE**
[54] **DISPOSITIF DE BIOPSIE PAR INCISION MAMMAIRE**
[72] PENROD, MARK A., US
[72] LUN, WARREN D., US
[72] FLATLAND, MARTIN, US
[72] TOMANDL, MARK, US
[72] WORM, DUSTIN, US
[71] IMAGYN MEDICAL TECHNOLOGIES CALIFORNIA, INC., US
[85] 2003-04-01
[86] 2001-10-03 (PCT/US2001/047317)
[87] 2002-04-25 (WO2002/032293)
[30] US (09/692,928) 2000-10-20
[30] US (09/776,444) 2001-02-02

[21] **2,424,356**
[13] A1
[51] **Int.Cl. 7A61K 31/35 7C07D 311/80**
[25] EN
[54] **METHOD FOR PRODUCING AN EXTRACT FROM CANNABIS PLANT MATTER, CONTAINING A TETRAHYDROCANNABINOL AND A CANNABIDIOL AND CANNABIS EXTRACTS**
[54] **PROCEDE POUR PRODUIRE UN EXTRAIT CONTENANT DU TETRAHYDROCANNABINOL ET DU CANNABIDIOL A PARTIR DE PLANTES DE CANNABIS ET EXTRAITS DE CANNABIS**
[72] MULLER, ADAM, DE
[71] DELTA-9-PHARMA GMBH, DE
[85] 2003-04-01
[86] 2001-10-16 (PCT/EP2001/011967)
[87] 2003-04-01 (WO2002/032420)
[30] DE (100 51 427.8) 2000-10-17

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[13] A1
[51] **Int.Cl. 7A61M 16/00**
[25] EN
[54] **VENTILATOR WITH DUAL GAS SUPPLY**
[54] **RESPIRATEUR A DOUBLE ALIMENTATION EN GAZ**
[72] HANSEN, GARY L., US
[71] MALLINCKRODT, INC., US
[85] 2003-04-01
[86] 2001-10-18 (PCT/US2001/032419)
[87] 2002-04-25 (WO2002/032489)
[30] US (09/691,139) 2000-10-19

[21] **2,424,359**
[13] A1
[51] **Int.Cl. 7A61L 27/34 7A61L 33/06**
[25] EN
[54] **IMPLANTS WITH A PHOSPHAZENE-CONTAINING COATING**
[54] **IMPLANTS POURVUS D'UN REVETEMENT CONTENANT DU PHOSPHAZENE**
[72] NAGEL, STEFAN, DE
[72] BOXBERGER, MICHAEL, DE
[71] POLYZENIX GMBH, DE
[85] 2003-02-06
[86] 2001-08-01 (PCT/EP2001/008913)
[87] 2003-02-06 (WO2002/013882)
[30] EP (00117191.7) 2000-08-11

[21] **2,424,360**
[13] A1
[51] **Int.Cl. 7D21H 19/38 7C09K 21/04 7D21H 23/22**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF A COATED AND PRESSED CELLULOSIC FIBROUS FLAT SUBSTRATE, SUITABLE COATING COMPOSITIONS, THEIR PRODUCTION, THE COATED AND PRESSED SUBSTRATES AND THEIR USE AS SUBSTRATES FOR GRAPHIC PROCESSES**
[54] **PROCEDE POUR LA PRODUCTION D'UN SUBSTRAT PLAT FIBREUX CELLULOSIQUE COUCHE ET PRESSE, COMPOSITIONS DE REVETEMENT APPROPRIEES, LEUR PRODUCTION, SUBSTRATS AINSI COUCHES ET PRESSES ET LEUR UTILISATION COMME SUBSTRATS POUR TRAITEMENTS GRAPHIQUES**
[72] MYATT, SCOTT, GB
[71] CLARIANT FINANCE (BVI) LIMITED, VG
[85] 2003-03-28
[86] 2001-11-28 (PCT/IB2001/002256)
[87] 2002-06-06 (WO2002/044470)
[30] GB (0029071.8) 2000-11-29

[21] **2,424,363**
[13] A1
[51] **Int.Cl. 7G01N 30/88**
[25] EN
[54] **A NOVEL METHOD FOR CHROMATOGRAPHIC FINGER PRINTING AND STANDARDIZATION OF SINGLE MEDICINES AND FORMULATIONS**
[54] **NOUVEAU PROCEDE DE RELEVÉ D'EMPREINTES CHROMATOGRAPHIQUE ET NORMALISATION DE MEDICAMENTS SIMPLES ET LEUR FORMULATION**
[72] RAGHAVAN, KONDAPURAM VIJAYA, IN
[72] DADALA, VIJAYA KUMAR, IN
[71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN
[85] 2003-03-28
[86] 2000-12-08 (PCT/IN2000/000123)
[87] 2002-06-13 (WO2002/046739)

[21] **2,424,365**
[13] A1
[51] **Int.Cl. 7D21F 5/18**
[25] EN
[54] **METHOD AND EQUIPMENT FOR DRYING A PULP WEB USING HOT AIR OF DIFFERENT TEMPERATURES**
[54] **PROCEDE ET INSTALLATION DE SECHAGE POUR MATELAS DE PATE A PAPIER FAISANT APPEL A DE L'AIR CHAUD A DIFFERENTES TEMPERATURES**
[72] LUUKKANEN, MATTI NESTORI, FI
[71] METSO PAPER, INC., FI
[85] 2003-03-28
[86] 2001-11-28 (PCT/FI2001/001037)
[87] 2002-06-27 (WO2002/050370)
[30] FI (20002618) 2000-11-29

[21] **2,424,366**
[13] A1
[51] **Int.Cl. 7C08G 77/04 7G03F 7/00 7G03F 7/075 7C08G 77/48**
[25] EN
[54] **HOLOGRAPHIC STORAGE MEDIUM COMPRISING POLYFUNCTIONAL EPOXY MONOMERS CAPABLE OF UNDERGOING CATIONIC POLYMERIZATION**
[54] **SUPPORT DE STOCKAGE HOLOGRAPHIQUE CONTENANT DES MONOMERES D'EPOXY POLYFONCTIONNELS CAPABLES DE POLYMERISATION CATIONIQUE**
[72] CETIN, ERDEM A., US
[72] WALDMAN, DAVID A., US
[72] MINNS, RICHARD A., US
[71] APRILIS, INC., US
[85] 2003-04-03
[86] 2001-08-28 (PCT/US2001/026828)
[87] 2002-03-07 (WO2002/019040)
[30] US (60/228,121) 2000-08-28

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[13] A1

[51] **Int.Cl. 7B21J 13/03 7B21J 9/02 7B21K 27/04 7B21J 13/14**
[25] EN
[54] **FORGING PRESS COMPRISING AN ADJUSTING DEVICE ON THE MATRIX SIDE THEREOF**
[54] **PRESSE A FORGER DOTEE D'UN DISPOSITIF DE REGLAGE SITUE COTE MATRICE**
[72] HOORELBEKE, LUC, BE
[71] NEDSCHROEF HERENTALS NV, BE
[85] 2003-03-28
[86] 2001-12-17 (PCT/EP2001/014905)
[87] 2003-03-28 (WO2002/049788)
[30] DE (100 63 154.1) 2000-12-18

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[13] A1

[51] **Int.Cl. 7B22D 11/18 7B22D 11/20**
[25] EN
[54] **METHOD AND DEVICE FOR CONTROLLING THE TEMPERATURE OF STEEL BETWEEN THE MENISCUS OF A CONTINUOUS CASTING MACHINE AND THE TAPPING OF THE FURNACE**
[54] **PROCEDE ET DISPOSITIF POUR CONTROLER LA TEMPERATURE DE L'ACIER A LA SURFACE DU BAIN D'UNE INSTALLATION DE COULEE CONTINUE JUSQU'A LA PERCEE DE FOUR**
[72] PARSCHAT, LOTHAR, DE
[72] ROLLINGER, BERNT, DE
[72] FELDHAUS, STEPHAN, DE
[72] PLESCHIUTSCHNIGG, FRITZ-PETER, DE
[72] SCHWENCKE, ECKART, DE
[72] WOSCH, ERWIN, DE
[71] SMS DEMAG AKTIENGESELLSCHAFT, DE
[85] 2003-03-28
[86] 2001-10-31 (PCT/EP2001/012594)
[87] 2003-03-28 (WO2002/036292)
[30] DE (100 54 760.5) 2000-11-04
[30] DE (101 52 201.0) 2001-10-23

[21] **2,424,370**
[13] A1

[51] **Int.Cl. 7C07F 5/00**
[25] EN
[54] **CATIONIC GROUP-3 CATALYST SYSTEM**
[54] **SYSTEME CATALYSEUR DU GROUPE 3 CATIONIQUE**
[72] HESSON, BART, NL
[72] DE ARAUJO BAMBIRRA, SERGIO, NL
[71] EXXONMOBIL CHEMICAL PATENTS, INC., US
[85] 2003-03-28
[86] 2001-09-20 (PCT/US2001/029442)
[87] 2002-04-25 (WO2002/032909)
[30] US (60/241,652) 2000-10-19
[30] US (60/243,207) 2000-10-25

[21] **2,424,372**
[13] A1

[51] **Int.Cl. 7C22B 3/24 7C22B 3/00 7C22B 11/00 7C22B 3/42**
[25] EN
[54] **PRECIOUS METAL SCAVENGING FROM A LIQUID MEDIUM WITH A FUNCTIONALISED POLYMER FIBER**
[54] **RECUPERATION DE METAUX NOBLES A PARTIR D'UN MILIEU LIQUIDE A L'AIDE D'UNE FIBRE POLYMERE FONCTIONNALISEE**
[72] TEICHMAN, RICHARD ALFRED III, US
[72] PELTONEN, ROBERT, FI
[72] EKMAN, KENNETH, FI
[72] SUNDELL, MATS, FI
[71] JOHNSON MATTHEY PUBLIC LIMITED COMPANY, GB
[85] 2003-04-01
[86] 2001-10-11 (PCT/GB2001/004540)
[87] 2002-04-25 (WO2002/033135)
[30] GB (0025502.6) 2000-10-18

[21] **2,424,373**
[13] A1

[51] **Int.Cl. 7G10L 19/02 7G10L 21/02**
[25] EN
[54] **PERCEPTUALLY IMPROVED ENCODING OF ACOUSTIC SIGNALS**
[54] **CODAGE AMELIORE DE MANIERE PERCEPTIBLE DE SIGNAUX SONORES**
[72] BRUHN, STEFAN, US
[72] ANDERSSON, SUSANNE, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2003-04-01
[86] 2001-09-07 (PCT/SE2001/001919)
[87] 2002-04-25 (WO2002/033692)
[30] EP (00850172.8) 2000-10-20

[21] **2,424,375**
[13] A1

[51] **Int.Cl. 7G10L 19/02 7G10L 21/02**
[25] EN
[54] **PERCEPTUALLY IMPROVED ENHANCEMENT OF ENCODED ACOUSTIC SIGNALS**
[54] **AMELIORATION DE SIGNAUX ACOUSTIQUES CODES, EN TERMES DE PERCEPTION**
[72] BRUHN, STEFAN, SE
[72] ANDERSSON, SUSANNE, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 2003-04-01
[86] 2001-09-07 (PCT/SE2001/001920)
[87] 2002-04-25 (WO2002/033693)
[30] EP (00850169.4) 2000-10-20

[21] **2,424,377**
[13] A1

[51] **Int.Cl. 7C04B 28/02 7D21H 21/16 7C04B 18/24 7D06M 13/513**
[25] EN
[54] **FIBER CEMENT COMPOSITE MATERIALS USING SIZED CELLULOSE FIBERS**
[54] **MATERIAUX COMPOSITE DE FIBRO-CIMENT UTILISANT DES FIBRES CELLULOSIQUES CALIBREES**
[72] MERKLEY, DONALD J., US
[72] LUO, CAIDIAN, US
[71] JAMES HARDIE RESEARCH PTY. LIMITED, AU
[85] 2003-04-01
[86] 2001-09-21 (PCT/US2001/029675)
[87] 2002-04-11 (WO2002/028795)
[30] US (60/237,850) 2000-10-04
[30] US (60/237,783) 2000-10-04
[30] US (60/241,212) 2000-10-17

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[21] **2,424,379**
[13] A1

[51] **Int.Cl. 7C07K 16/18 7A61K 39/00 7C07H 21/04 7A61P 37/06 7C12N 5/12 7C12N 15/12 7A61K 39/395**

[25] EN

[54] **INHIBITION OF COMPLEMENT C5 ACTIVATION FOR THE TREATMENT AND PREVENTION OF DELAYED XENOGRAFT OR ACUTE VASCULAR REJECTION**

[54] **INHIBITION DE L'ACTIVATION DU COMPLEMENT C5 POUR LE TRAITEMENT ET LA PREVENTION DU REJET DIFFERE D'UNE XENOGREFFE OU D'UN REJET VASCULAIRE AIGU**

[72] SUN, BILL N. C., US

[72] FUNG, MICHAEL S. C., US

[71] TANOX INC., US

[85] 2003-04-03

[86] 2001-10-04 (PCT/US2001/031103)

[87] 2002-04-18 (WO2002/030985)

[30] US (60/239,309) 2000-10-10

[21] **2,424,389**
[13] A1

[51] **Int.Cl. 7A61B 5/022 7A61B 5/0225**

[25] EN

[54] **METHOD AND APPARATUS FOR NON-INVASIVELY EVALUATING ENDOTHELIAL ACTIVITY IN A PATIENT**

[54] **PROCEDE ET APPAREIL POUR UNE EVALUATION NON INVASIVE DE L'ACTIVITE ENDOTHELIALE D'UN PATIENT**

[72] SCHNALL, ROBERT P., IL

[72] SHEFFY, JACOB, IL

[72] LAVIE, PERETZ, IL

[71] ITAMAR MEDICAL LTD., IL

[85] 2003-04-01

[86] 2001-10-22 (PCT/IL2001/000970)

[87] 2002-05-02 (WO2002/034105)

[30] US (60/242,054) 2000-10-23

[21] **2,424,392**
[13] A1

[51] **Int.Cl. 7C07C 209/48 7C07C 29/09 7C07C 211/29 7C07C 33/46**

[25] EN

[54] **PREPARATION OF 4-METHYL-2,3,5,6-TETRAFLUOROBENZYL ALCOHOL**

[54] **PREPARATION D'ALCOOL 4-METHYL-2,3,5,6-TETRAFLUOROBENZYLIQUE**

[72] JONES, RAYMOND VINCENT HEAVON, GB

[71] SYNGENTA LIMITED, GB

[85] 2003-04-01

[86] 2001-10-18 (PCT/GB2001/004648)

[87] 2002-05-02 (WO2002/034706)

[30] GB (0026349.1) 2000-10-27

[21] **2,424,397**
[13] A1

[51] **Int.Cl. 7G09B 19/06**

[25] EN

[54] **AUTOMATED LANGUAGE ACQUISITION SYSTEM AND METHOD**

[54] **PROCEDE ET SYSTEME AUTOMATIQUES D'ACQUISITION D'UNE LANGUE**

[72] NICOL, JANET L., US

[72] JOHNSON, CAROL M., US

[71] EYEHEAR LEARNING, INC., US

[85] 2003-04-01

[86] 2001-09-17 (PCT/US2001/028976)

[87] 2002-05-02 (WO2002/035501)

[30] US (60/241,719) 2000-10-20

[21] **2,424,402**
[13] A1

[51] **Int.Cl. 7C07D 413/12 7C07D 413/04 7C07D 498/04 7A61P 31/04 7C07D 413/10 7A61K 31/4709**

[25] EN

[54] **ANTIMICROBIAL QUINOLONE DERIVATIVES AND USE OF THE SAME TO TREAT BACTERIAL INFECTIONS**

[54] **DERIVES ANTIMICROBIENS DE LA QUINOLONE ET LEUR UTILISATION POUR LE TRAITEMENT D'INFECTIONS BACTERIENNES**

[72] BARBACHYN, MICHAEL R., US

[72] GAGE, JAMES R., US

[72] PATEL, DINESH V., US

[72] GORDEEV, MIKHAIL F., US

[71] PHARMACIA & UPJOHN COMPANY, US

[85] 2003-04-07

[86] 2001-11-29 (PCT/US2001/044731)

[87] 2002-08-01 (WO2002/059116)

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[21] **2,424,406**
[13] A1

[51] **Int.Cl. 7A61M 5/158**

[25] EN

[54] **WING RETRACTION TYPE MIS-PIERCING PREVENTER AND WINGED NEEDLE HAVING THE MIS-PIERCING PREVENTER**

[54] **MOYEN DE PREVENTION DE MAUVAIS PERCAGE DE TYPE A RETRACTION D'AILETTE ET AIGUILLE PAPILLON DOTEES DE CE MOYEN**

[72] NAKAJIMA, MASAKUNI, JP

[71] JMS CO., LTD., JP

[85] 2003-04-01

[86] 2001-10-05 (PCT/JP2001/008784)

[87] 2003-04-01 (WO2002/030491)

[30] JP (2000-308213) 2000-10-06

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[21] **2,424,407**
[13] A1

[51] **Int.Cl. 7A61F 2/80**

[25] EN

[54] **PROSTHETIC SOCKET AND SOCKET COMPONENT ASSEMBLY**

[54] **EMBOITURE DE PROTHESE ET ENSEMBLE COMPOSANT D'EMBOITURE**

[72] INGIMARSSON, GUDNI, IS

[71] OSSUR, HF., IS

[85] 2003-03-28

[86] 2001-10-04 (PCT/US2001/027752)

[87] 2002-04-11 (WO2002/028324)

[30] US (60/237,381) 2000-10-04

[21] **2,424,409**
[13] A1

[51] **Int.Cl. 7B65D 43/10 7B65D 51/20**

[25] EN

[54] **SUBSTANTIALLY TRIANGULAR-SHAPED OVER-CAP**

[54] **COUVERCLE DE SURBOUCHAGE SENSIBLEMENT TRIANGULAIRE**

[72] ROMANACH, BENITO ALBERTO, US

[72] SEARLES, PETER MICHAEL, US

[72] BUISSON, GERARD LAURENT, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2003-03-31

[86] 2001-11-13 (PCT/US2001/047060)

[87] 2002-05-16 (WO2002/038463)

[30] US (60/248,089) 2000-11-13

[30] US (60/248,340) 2000-11-13

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[21] **2,424,415**
[13] A1

[51] **Int.Cl. 7C30B 7/08 7C30B 7/14 7C30B 29/40 7C30B 29/48**
[25] EN
[54] **SYNTHESIS OF COLLOIDAL NANOCRYSTALS**
[54] **SYNTHESE DE NANOCRISTAUX COLLOIDAUX**
[72] PENG, XIAOGANG, US
[72] PENG, ZUOYAN, US
[72] QU, LIANHUA, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, US
[85] 2003-04-01
[86] 2001-10-04 (PCT/US2001/031239)
[87] 2002-04-11 (WO2002/029140)
[30] US (60/237,903) 2000-10-04
[30] US (60/275,008) 2001-03-12

[21] **2,424,426**
[13] A1

[51] **Int.Cl. 7E21B 23/01 7E21B 29/00**
[25] EN
[54] **ELECTRO-MECHANICAL WIRELINE ANCHORING SYSTEM**
[54] **SYSTEME D'ANCRAGE DE CABLE ELECTROMECHANIQUE**
[72] PHELPS, PHIL, US
[72] WESSON, DAVID S., US
[72] O'CONNOR, DAVID M., US
[72] HENKE, JOSEPH A., US
[71] OWEN OIL TOOLS L.P., US
[85] 2003-04-01
[86] 2001-09-27 (PCT/US2001/030202)
[87] 2002-04-11 (WO2002/029201)
[30] US (09/677,729) 2000-10-02

[21] **2,424,430**
[13] A1

[51] **Int.Cl. 7C10B 25/14**
[25] EN
[54] **DEVICE FOR LIFTING AND REMOVING OVEN DOORS OF A COKING OVEN**
[54] **DISPOSITIF POUR SOULEVER ET ENLEVER DES PORTES DE FOURS A COKE**
[72] KNOCH, RALF, DE
[71] THYSSEN KRUPP ENCOKE GMBH, DE
[85] 2003-04-01
[86] 2002-02-22 (PCT/EP2002/001887)
[87] 2003-04-01 (WO2002/077122)
[30] DE (101 13 891.1) 2001-03-21

[21] **2,424,419**
[13] A1

[51] **Int.Cl. 7E04G 21/32 7A62B 1/22**
[25] EN
[54] **IMPACT-ABSORBING UNIT**
[54] **UNITE D'AMORTISSEMENT**
[72] PRICE, CHRISTOPHER GEORGE, GB
[72] BELL, PETER ANTHONY, GB
[72] STEPHENS, MICHAEL JOHN, GB
[71] PRICE, CHRISTOPHER GEORGE, GB
[71] BELL, PETER ANTHONY, GB
[71] STEPHENS, MICHAEL JOHN, GB
[85] 2003-04-01
[86] 2001-09-26 (PCT/GB2001/004305)
[87] 2002-04-11 (WO2002/029180)
[30] GB (0024170.3) 2000-10-03

[21] **2,424,428**
[13] A1

[51] **Int.Cl. 7B62K 25/28**
[25] EN
[54] **REAR SUSPENSION SYSTEM FOR TWO-WHEELED VEHICLES, PARTICULARLY BICYCLES**
[54] **SYSTEME DE SUSPENSION ARRIERE POUR VEHICULES A DEUX BICYCLETTES**
[72] LAM, DUHANE, CA
[71] ROCKY MOUNTAIN BICYCLES, A DIVISION OF PROCYCLE GROUP INC., CA
[85] 2003-04-01
[86] 2002-08-20 (PCT/CA2002/001289)
[87] 2003-03-06 (WO2003/018392)
[30] US (60/313,802) 2001-08-22

[21] **2,424,431**
[13] A1

[51] **Int.Cl. 7G01N 33/68**
[25] EN
[54] **METHOD OF ASSAYING PYRROLE-CONTAINING BIOLOGICAL COMPOUNDS**
[54] **PROCEDE POUR DOSER DES COMPOSES BIOLOGIQUES CONTENANT DU PYRROLE**
[72] BRADY, JEFFREY D., GB
[72] ROBINS, SIMON P., GB
[71] ROWETT RESEARCH INSTITUTE, GB
[85] 2003-04-01
[86] 2001-10-02 (PCT/GB2001/004377)
[87] 2002-04-11 (WO2002/029409)
[30] US (09/679,141) 2000-10-03

[21] **2,424,422**
[13] A1

[51] **Int.Cl. 7B29C 45/56**
[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING THICK-WALLED MOULDED PARTS**
[54] **PROCEDE ET DISPOSITIF POUR LA PRODUCTION DE PIECES MOULEES A PAROI EPAISSE**
[72] KLOTZ, BERND, DE
[71] KRAUSS-MAFFEI KUNSTOFFTECHNIK GMBH, DE
[85] 2003-04-01
[86] 2001-09-28 (PCT/EP2001/011262)
[87] 2003-04-01 (WO2002/030651)
[30] DE (100 48 861.7) 2000-10-02

[21] **2,424,429**
[13] A1

[51] **Int.Cl. 7H04B 7/005 7H04L 1/00**
[25] EN
[54] **ALLOCATION OF SHARED CHANNEL DATA RATES IN A COMMUNICATION SYSTEM**
[54] **ATTRIBUTION DE DEBITS BINAIRES DANS DES CANAUX PARTAGEES D'UN SYSTEME DE COMMUNICATION**
[72] RAITOLA, MIKA, FI
[71] NOKIA CORPORATION, FI
[85] 2003-04-01
[86] 2001-10-01 (PCT/EP2001/011329)
[87] 2002-06-06 (WO2002/045291)
[30] GB (0029002.3) 2000-11-28

[21] **2,424,436**
[13] A1

[51] **Int.Cl. 7G08G 1/095**
[25] EN
[54] **LED LAMP FOR SIGNAL LIGHT**
[54] **LAMPE DEL POUR FEU DE SIGNALISATION**
[72] LEE, GYE-SEON, KR
[71] LEE, GYE-SEON, KR
[85] 2003-04-01
[86] 2001-10-10 (PCT/KR2001/001703)
[87] 2002-04-18 (WO2002/031794)
[30] KR (2000/59561) 2000-10-10
[30] KR (2001/41129) 2001-07-10

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[21] **2,424,438**
[13] A1
[51] **Int.Cl. 7C07H 19/23 7A61P 35/00 7A61K 31/7056**
[25] EN
[54] **ANHYDRO SUGAR DERIVATIVES OF INDOLOCARBAZOLES**
[54] **DERIVES ANHYDRO-GLYCIDIQUES D'INDOLOCARBAZOLES**
[72] ZIMMERMANN, KURT, US
[72] FRENNESSON, DAVID B., US
[72] BALASUBRAMANIAN, NEELAKANTAN, US
[72] RUEDIGER, EDWARD H., CA
[72] SAULNIER, MARK G., US
[72] MAHLER, MIKAEL, CA
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2003-04-01
[86] 2001-10-01 (PCT/US2001/030641)
[87] 2002-04-18 (WO2002/030942)
[30] US (60/238,696) 2000-10-06

[21] **2,424,440**
[13] A1
[51] **Int.Cl. 7E01F 13/00**
[25] EN
[54] **METHOD AND APPARATUS FOR INTERCONNECTING MOVABLE ROADWAY BARRIERS**
[54] **TECHNIQUE ET DISPOSITIF D'ACCROCHAGE DE BARRIERES ROUTIERES MOBILES**
[72] DUCKETT, JOHN W., US
[71] BARRIER SYSTEMS, INC., US
[85] 2003-04-01
[86] 2001-10-03 (PCT/US2001/030815)
[87] 2002-04-18 (WO2002/031268)
[30] US (09/687,693) 2000-10-13

[21] **2,424,444**
[13] A1
[51] **Int.Cl. 7A61K 9/00**
[25] EN
[54] **TOPICAL ANTIBIOTIC COMPOSITION FOR TREATMENT OF EYE INFECTION**
[54] **COMPOSITION ANTIBIOTIQUE TOPIQUE DESTINEE AU TRAITEMENT D'UNE INFECTION OCULAIRE**
[72] HAWLEY, LESLIE C., US
[72] SINGH, SATISH K., US
[72] MCCURDY, VINCENT E., US
[72] SECREAST, PAMELA J., US
[72] BANDYOPADHYAY, REBANTA, US
[72] BANDYOPADHYAY, PARAMITA, US
[72] TYLE, PRAVEEN, US
[71] PHARMACIA & UPJOHN COMPANY, US
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[30] US (60/239,136) 2000-10-10
[30] US (60/285,340) 2001-04-20

[21] **2,424,445**
[13] A1
[51] **Int.Cl. 7A61C 17/34 7A46B 11/00**
[25] EN
[54] **APPARATUS, METHOD AND PRODUCT FOR TREATING TEETH**
[54] **DISPOSITIF, PROCEDE ET PRODUIT POUR TRAITER LES DENTS**
[72] HEALEY, PATRICK JOHN, US
[72] DE AMICIS, GIOVANNI BATTISTA, US
[72] WRIGHT, SCOTT MATTHEW, US
[72] VILTRO, LOUIS JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-03-31
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[87] 2002-05-30 (WO2002/041802)
[30] US (09/721,431) 2000-11-22

[21] **2,424,450**
[13] A1
[51] **Int.Cl. 7G06K 7/12 7G06K 7/10**
[25] EN
[54] **METHOD AND DEVICE FOR IDENTIFYING A MARKER USING A DETECTOR SUBSTANCE**
[54] **PROCEDE ET DISPOSITIF POUR IDENTIFIER UN MARQUAGE EN UTILISANT UNE SUBSTANCE DE DETECTION**
[72] KAISER, JOACHIM, DE
[71] SIEMENS AKTIENGESSELLSCHAFT, DE
[85] 2003-03-31
[86] 2002-07-22 (PCT/DE2002/002691)
[87] 2003-03-31 (WO2003/015009)
[30] DE (101 37 484.4) 2001-08-03

[21] **2,424,455**
[13] A1
[51] **Int.Cl. 7C11D 17/00 7C11D 3/12 7C11D 3/14**
[25] EN
[54] **COMPOSITION FOR CLEANING HARD SURFACES**
[54] **COMPOSITION DE NETTOYAGE DE SURFACES DURES**
[72] INAMURA, TAKASHI, JP
[72] FONTANA, CINZIA, IT
[72] BURGESS, HELEN, IT
[72] BAGGI, PAOLA, IT
[71] UNILEVER PLC, GB
[85] 2003-03-31
[86] 2001-10-15 (PCT/EP2001/011881)
[87] 2002-05-16 (WO2002/038720)
[30] EP (00203831.3) 2000-11-03

[21] **2,424,462**
[13] A1
[51] **Int.Cl. 7C07D 503/02 7C07D 503/08 7C12P 17/18 7A61K 31/43**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS**
[54] **COMPOSITIONS PHARMACEUTIQUES**
[72] RANEBURGER, JOHANNES, AT
[72] SCHWARZ, FRANZ XAVER, AT
[72] HORKOVICS-KOVATS, STEFAN, AT
[71] BIOCHEMIE GESELLSCHAFT MBH, AT
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[87] 2002-04-25 (WO2002/032906)
[30] AT (A 1806/2000) 2000-10-20

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[21] **2,424,470**
[13] A1

[51] **Int.Cl. 7A61K 31/506 7A61P 35/00**
[25] EN
[54] **TREATMENT OF GASTROINTESTINAL STROMAL TUMORS**
[54] **TRAITEMENT DE TUMEURS STROMALES GASTRO-INTESTINALES**
[72] DIMITRIJEVIC, SASA, FR
[72] DRUKER, BRIAN J., US
[72] BUCHDUNGER, ELISABETH, DE
[72] CAPDEVILLE, RENAUD, FR
[72] JOENSUU, HEIKKI, FI
[72] DEMETRI, GEORGE DANIEL, US
[72] FLETCHER, JONATHAN A., US
[72] SILBERMAN, SANDRA LETA, US
[72] TUVESON, DAVID, US
[72] HEINRICH, MICHAEL C., US
[71] NOVARTIS AG, CH
[85] 2003-03-31
[86] 2001-10-26 (PCT/EP2001/012442)
[87] 2002-05-02 (WO2002/034727)
[30] US (60/243,810) 2000-10-27

[21] **2,424,475**
[13] A1

[51] **Int.Cl. 7A61K 31/40 7A61K 31/00 7A61K 31/17 7A61P 25/18 7A61P 25/22 7A61P 25/24 7A61K 31/425**
[25] EN
[54] **METHOD FOR THE TREATMENT OF NEUROLOGICAL AND NEUROPSYCHOLOGICAL DISORDERS**
[54] **PROCEDE POUR LE TRAITEMENT DE TROUBLES NEUROLOGIQUES ET NEUROPSYCHOLOGIQUES**
[72] DEMUTH, HANS-ULRICH, DE
[72] VON HORSTEN, STEPHAN, DE
[72] KUHN-WACHE, KERSTIN, DE
[72] HOFFMANN, TORSTEN, DE
[72] FRIEDRICH, DANIEL, DE
[71] PROBIODRUG AG, DE
[85] 2003-03-31
[86] 2001-10-29 (PCT/EP2001/012478)
[87] 2002-05-02 (WO2002/034242)
[30] US (60/244,036) 2000-10-27

[21] **2,424,477**
[13] A1

[51] **Int.Cl. 7C09D 4/00 7C07C 49/80**
[25] EN
[54] **FLUORINATED-PHOTOINITIATORS IN DUAL CURE RESINS**
[54] **PHOTOAMORCEURS FLUORES UTILISES DANS LES RESINES A DOUBLE POLYMERISATION**
[72] JUNG, TUNJA, DE
[72] BAUDIN, GISELE, CH
[72] HUSLER, RINALDO, CH
[71] CIBA-SPECIALTY CHEMICALS HOLDING INC., CH
[85] 2003-03-31
[86] 2001-11-13 (PCT/EP2001/013130)
[87] 2002-05-23 (WO2002/040602)
[30] EP (00811098.3) 2000-11-20

[21] **2,424,486**
[13] A1

[51] **Int.Cl. 7A63B 37/00 7C08F 8/00 7C08L 77/00 7A63B 37/04 7C08L 33/04 7A63B 37/06 7A63B 37/08 7A63B 37/12 7A63B 37/14 7C08K 3/18 7C08K 3/22**
[25] EN
[54] **MULTI-LAYER GOLF BALL AND METHOD OF MAKING SAME**
[54] **BALLE DE GOLF MULTICOUCHES ET SON PROCEDE DE FABRICATION**
[72] BINETTE, MARK L., US
[72] MELANSON, DAVID M., US
[72] TZIVANIS, MICHAEL J., US
[71] SPALDING SPORTS WORLDWIDE, INC., US
[85] 2003-04-02
[86] 2001-10-02 (PCT/US2001/031220)
[87] 2002-04-11 (WO2002/028488)
[30] US (09/677,409) 2000-10-02

[21] **2,424,487**
[13] A1

[51] **Int.Cl. 7G06F 17/00**
[25] EN
[54] **ENTERPRISE WEB MINING SYSTEM AND METHOD**
[54] **SYSTEME D'ENTREPRISE D'EXPLORATION EN PROFONDEUR DE RESEAU ET PROCEDE**
[72] CAMPOS, MARCOS, US
[72] MYCZKOWSKI, JACEK, US
[72] TAMAYO, PABLO, US
[71] ORACLE CORPORATION, US
[85] 2003-03-27
[86] 2001-09-27 (PCT/US2001/030021)
[87] 2002-04-04 (WO2002/027529)
[30] US (60/235,926) 2000-09-28
[30] US (09/963,401) 2001-09-27

[21] **2,424,489**
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[51] **Int.Cl. 7B30B 9/32**
[25] EN
[54] **COMPACTOR DEVICE**
[54] **DISPOSITIF DE COMPACTAGE**
[72] RUSTAD, HANS ULRIK, NO
[72] ANDERSEN, NIELS ERIK, NO
[72] GUNTVEIT, LARS, NO
[71] REPANT AS, NO
[85] 2003-03-27
[86] 2001-09-20 (PCT/NO2001/000381)
[87] 2002-04-11 (WO2002/028628)
[30] NO (20005012) 2000-10-04

[21] **2,424,492**
[13] A1

[51] **Int.Cl. 7A63B 37/06**
[25] EN
[54] **GOLF BALL WITH DUAL COVER**
[54] **BALLE DE GOLF A DOUBLE ENVELOPPE**
[72] TZIVANIS, MICHAEL J., US
[72] BINETTE, MARK L., US
[72] MELANSON, DAVID M., US
[71] SPALDING SPORTS WORLDWIDE, INC., US
[85] 2003-04-02
[86] 2001-10-02 (PCT/US2001/030913)
[87] 2002-04-11 (WO2002/028489)
[30] US (09/677,452) 2000-10-02

[21] **2,424,496**
[13] A1

[51] **Int.Cl. 7H04Q 7/38**
[25] EN
[54] **A SYSTEM FOR ENSURING ENCRYPTED COMMUNICATION AFTER HANDOVER**
[54] **SYSTEME POUR ASSURER UNE COMMUNICATION CHIFFREE APRES TRANSFERT**
[72] VIALEN, JUKKA, FI
[72] NIEMI, VALTTERI, FI
[71] NOKIA CORPORATION, FI
[85] 2003-03-31
[86] 2001-10-09 (PCT/FI2001/000870)
[87] 2002-06-06 (WO2002/045453)
[30] FI (20002613) 2000-11-28
[30] FI (20010282) 2001-02-14

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[13] A1

[51] **Int.Cl. 7G01N 33/483 7G01N 27/00 7G01N 33/487**
[25] EN
[54] **SYSTEM FOR ELECTROPHYSIOLOGICAL MEASUREMENTS**
[54] **SYSTEME PERMETTANT DE PROCEDER A DES MESURES ELECTROPHYSIOLOGIQUES**
[72] NIELSEN, BENT ERLING, DK
[72] TABORYSKI, RAFAEL, DK
[72] SHAW, JOHN, GB
[72] DODGSON, JOHN, GB
[72] KUTCHINSKY, JONATAN, DK
[72] THOMSEN, LARS, DK
[72] BECH, MORTEN, DK
[72] DUE, JORGEN, DK
[71] SOPHION BIOSCIENCE A/S, DK
[85] 2003-03-28
[86] 2001-10-02 (PCT/DK2001/000637)
[87] 2002-04-11 (WO2002/029402)
[30] DK (PA 2000 01458) 2000-10-02
[30] DK (PA 2001 00212) 2001-02-09

[21] **2,424,502**
[13] A1

[51] **Int.Cl. 7F27D 1/14 7F27D 1/16**
[25] EN
[54] **PROCESS FOR PROVIDING A SURFACE WITH A FIRE-PROOF AND/OR WEAR RESISTANT LINING**
[54] **PROCEDE VISANT A LA REALISATION D'UNE SURFACE A GARNITURE IGNIFUGE ET/OU RESISTANT A L'USURE**
[72] SCHADENBERG, HENDRIK, NL
[72] WOLFERT, ANTHONIJ, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2003-04-01
[86] 2001-10-02 (PCT/EP2001/011399)
[87] 2002-04-11 (WO2002/029344)
[30] EP (00308764.0) 2000-10-04

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[13] A1

[51] **Int.Cl. 7G01M 3/26 7G01M 3/24**
[25] EN
[54] **LEAKAGE DETECTING DEVICE FOR SEALED PACKAGES**
[54] **DISPOSITIF DE DETECTION DE FUITE POUR PAQUETS ETANCHES**
[72] HOTTA, SHIGERU, JP
[71] TAKACHIHO SEIKI CO., LTD., JP
[85] 2003-04-01
[86] 2001-09-20 (PCT/JP2001/008204)
[87] 2003-04-01 (WO2002/029377)
[30] JP (2000-302570) 2000-10-02
[30] JP (2001-192368) 2001-06-26

[21] **2,424,505**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **SALE METHOD AND SYSTEM EMPLOYING PRODUCT PRICE VARYING DEPENDENT UPON VALID DATE OF PRODUCT**
[54] **METHODE ET SYSTEME DE VENTE UTILISANT DES PRIX DE PRODUITS VARIANT EN FONCTION DE LA DATE D'EXPIRATION DES PRODUITS**
[72] TAK, SEUNG-HO, KR
[71] SHT CO., LTD., KR
[85] 2003-04-01
[86] 2001-09-27 (PCT/KR2001/001628)
[87] 2002-04-11 (WO2002/029661)
[30] KR (2000/57864) 2000-10-02

[21] **2,424,509**
[13] A1

[51] **Int.Cl. 7A63H 5/04 7H04B 7/00**
[25] EN
[54] **WEAPON FIRING TOY FIGURE RESPONSIVE TO WRIST CONTROLLER**
[54] **JOUET A ARME DE TIR REAGISSANT A UNE UNITE DE COMMANDE PORTEE AU POIGNET**
[72] OSTENDORF, ERIC C., US
[72] TAKEYASU, ALTON, US
[72] ANDREWS, MICHAEL, US
[71] MATTEL, INC., US
[85] 2003-03-28
[86] 2002-02-07 (PCT/US2002/003748)
[87] 2002-08-22 (WO2002/064230)
[30] US (09/782,537) 2001-02-12

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[13] A1

[51] **Int.Cl. 7E04D 13/10 7E04G 21/32**
[25] EN
[54] **ROOF SAFETY SYSTEM**
[54] **SYSTEME DE SECURITE DE TOIT**
[72] GLEAVE, DAVID SUTHERLAND, GB
[71] GLEAVE, DAVID SUTHERLAND, GB
[85] 2003-03-31
[86] 2001-09-06 (PCT/GB2001/003989)
[87] 2002-06-06 (WO2002/044496)
[30] GB (0028930.6) 2000-11-28

[21] **2,424,512**
[13] A1

[51] **Int.Cl. 7A61K 9/00**
[25] EN
[54] **DELIVERY SYSTEM AND METHOD OF TREATING OR PREVENTING OTITIS MEDIA**
[54] **SYSTEME DISTRIBUTEUR ET METHODE DE TRAITEMENT OU DE PREVENTION DE L'OTITE MOYENNE**
[72] SAEMUNSDOTTIR, GUDRUN, IS
[71] AURIS EHF., IS
[85] 2003-03-31
[86] 2001-10-18 (PCT/IB2001/001957)
[87] 2002-04-25 (WO2002/032394)
[30] DK (PA 2000 01553) 2000-10-18

[21] **2,424,514**
[13] A1

[51] **Int.Cl. 7G01V 11/00**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING MUD AND FORMATION PROPERTIES DOWNHOLE**
[54] **PROCEDE ET APPAREIL PERMETTANT DE MESURER LES PROPRIETES DE LA BOUE DE FORAGE ET DES FORMATIONS AU FOND DU Puits**
[72] EVANS, MICHAEL, US
[72] RADTKE, RICHARD J., US
[72] SLOAN, ROBERT W., US
[72] ADOLPH, ROBERT A., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2003-03-31
[86] 2001-11-02 (PCT/IB2001/002847)
[87] 2002-06-20 (WO2002/048499)
[30] US (60/245,335) 2000-11-02
[30] US (10/040,701) 2001-10-26

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[13] A1

[51] **Int.Cl. 7B01D 53/02 7C02F 3/00 7C02F 3/28 7B01D 53/85**
[25] EN
[54] **LAGOON COVERS PROVIDING MULTI-STAGE WASTE TREATMENT**
[54] **RECOUVREMENT D'ETANGS DE TRAITEMENT DES EAUX USEES POUR LE TRAITEMENT DES EAUX USEES EN PLUSIEURS ETAPES**
[72] SHANKLIN, DENNIS M., US
[72] MARSH, RON, US
[72] MCGREGOR, WALLACE, US
[72] SVIRKLYS, FRED, CA
[71] ODOR CONTROL SYSTEMS, INC., US
[85] 2003-04-02
[86] 2001-10-08 (PCT/US2001/031354)
[87] 2002-04-11 (WO2002/028510)
[30] US (60/238,818) 2000-10-06

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[13] A1

[51] **Int.Cl. 7B01D 53/26 7B01D 53/22**
[25] EN
[54] **VAPOR MOVEMENT CONTROL DEVICE**
[54] **REGULER LE MOUVEMENT DES VAPEURS**
[72] MIZOBE, KUNITAKA, JP
[71] MIZOBE, KUNITAKA, JP
[85] 2003-04-02
[86] 2000-10-02 (PCT/JP2000/006855)
[87] 2003-04-02 (WO2002/028511)

[21] **2,424,517**
[13] A1

[51] **Int.Cl. 7B05D 3/10 7B05D 3/00 7C09K 3/00 7B32B 15/20**
[25] EN
[54] **PROCESS FOR COATING METAL SURFACES**
[54] **PROCEDE DE REVETEMENT DE SURFACES METALLIQUES**
[72] CARLSON, LAWRENCE R., US
[72] DOLAN, SHAWN E., US
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[85] 2003-04-02
[86] 2001-10-01 (PCT/US2001/030571)
[87] 2002-04-11 (WO2002/028549)
[30] US (60/237,289) 2000-10-02

[21] **2,424,518**
[13] A1

[51] **Int.Cl. 7B24B 1/00**
[25] EN
[54] **ABRASIVE THROWING WHEEL AND IMPROVED BLADE ASSEMBLY**
[54] **ROUE DE DECAPAGE ABRASIVE ET ENSEMBLE DE LAMES PERFECTIONNE**
[72] GOFF, JAMES R., US
[71] PANGBORN CORPORATION, US
[85] 2003-04-02
[86] 2001-06-27 (PCT/US2001/020387)
[87] 2002-04-11 (WO2002/028594)
[30] US (60/236,719) 2000-10-02

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[13] A1

[51] **Int.Cl. 7B26D 1/00 7B23C 5/10**
[25] EN
[54] **MILLING CUTTER**
[54] **FRAISE**
[72] DEROCHE, KENNETH G., US
[72] FRYE, HOWARD W., US
[72] FRANCIS, MARK A., US
[72] DUDZINSKY, RONALD L., US
[71] KENNAMETAL INC., US
[85] 2003-04-02
[86] 2001-09-25 (PCT/US2001/029813)
[87] 2002-04-11 (WO2002/028604)
[30] US (09/678,923) 2000-10-04

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[25] EN
[54] **SUBSTITUTED BENZENE DERIVATIVES OR SALTS THEREOF**
[54] **DERIVES DE BENZENE SUBSTITUES OU LEURS SELS**
[72] SUGASAWA, KEIZO, JP
[72] HIRAYAMA, FUKUSHI, JP
[72] KOGA, YUJI, JP
[72] ISHIHARA, TSUKASA, JP
[72] KADOKURA, TAKESHI, JP
[72] SHIGENAGA, TAKESHI, JP
[71] YAMANOUCHI PHARMACEUTICAL CO. LTD., JP
[85] 2003-03-31
[86] 2001-11-21 (PCT/JP2001/010176)
[87] 2003-03-31 (WO2002/042270)
[30] JP (2000-356146) 2000-11-22
[30] JP (2000-390321) 2000-12-22

[21] **2,424,524**
[13] A1

[51] **Int.Cl. 7A62C 13/78**
[25] EN
[54] **AUTOMATICALLY ACTIVATED FIRE EXTINGUISHER**
[54] **EXTINCTEUR AUTOMATIQUE**
[72] SIMONSEN, VIDAR, NO
[71] SIMONSEN, VIDAR, NO
[85] 2003-02-21
[86] 2000-08-22 (PCT/NO2000/000272)
[87] 2002-02-28 (WO2002/015980)

[21] **2,424,527**
[13] A1

[51] **Int.Cl. 7B27C 9/00 7B27M 1/08**
[25] EN
[54] **SYSTEM FOR FORMING TIMBERS WITH ROUNDED ENDS**
[54] **SYSTEME DE FORMATION D'ELEMENTS DE BOIS D'OEUVRE A EXTREMITES ARRONDIES**
[72] TOOMBS, EUGENE IV, US
[72] KELLEY, RODGER L., US
[71] MITEK HOLDINGS, INC., US
[85] 2003-04-02
[86] 2001-10-05 (PCT/US2001/031235)
[87] 2002-04-11 (WO2002/028606)
[30] US (60/238,717) 2000-10-06

[21] **2,424,530**
[13] A1

[51] **Int.Cl. 7C09D 5/08 7C09D 163/00 7C09D 167/00 7C09D 175/00 7C08K 5/00 7C09D 175/04 7C09D 5/10**
[25] EN
[54] **COATING COMPOSITION FOR METALLIC SUBSTRATES**
[54] **COMPOSITIONS DE REVETEMENT POUR SUBSTRATS METALLIQUES**
[72] NEWTON, DAVID, US
[72] LANE, MATTHEW, US
[71] BASF CORPORATION, US
[85] 2003-04-01
[86] 2001-11-14 (PCT/US2001/042942)
[87] 2002-07-04 (WO2002/051949)
[30] US (09/747,854) 2000-12-22

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[13] A1
[51] **Int.Cl. 7B29C 70/46 7B32B 27/12 7B29C 70/54**
[25] EN
[54] **SHEET MOULDING COMPOUND (SMC) WITH VENTILATING STRUCTURE FOR ENTRAPPED GASES**
[54] **MELANGE A MOULER EN FEUILLE (SMC) A STRUCTURE DE VENTILATION POUR GAZ EMPRISONNES**
[72] JONES, DANIEL THOMAS, GB
[72] NESS, DEREK SIMON RICHARD, GB
[71] STRUCTURAL POLYMER SYSTEMS LIMITED, GB
[85] 2003-04-02
[86] 2001-10-03 (PCT/GB2001/004414)
[87] 2002-04-11 (WO2002/028624)
[30] GB (0024163.8) 2000-10-03

[21] **2,424,538**
[13] A1
[51] **Int.Cl. 7B65D 5/74**
[25] EN
[54] **PLASTIC CLOSING DEVICE WITH A PIERCING ELEMENT**
[54] **DISPOSITIF DE FERMETURE EN PLASTIQUE DOTE D'UN PERFORATEUR**
[72] DUBACH, WERNER FRITZ, CH
[71] TERXO AG, CH
[85] 2003-04-02
[86] 2001-09-27 (PCT/CH2001/000582)
[87] 2003-04-02 (WO2002/028728)
[30] CH (1939/00) 2000-10-03
[30] CH (2181/00) 2000-11-09

[21] **2,424,540**
[13] A1
[51] **Int.Cl. 7C07C 237/04 7A61P 9/10 7C07C 229/14 7A61K 31/165 7C07C 31/18 7C07C 333/20 7C07D 263/32 7A61K 31/341 7C07C 229/36 7A61K 31/381 7A61K 31/421 7C07C 323/52 7C07D 307/52**
[25] EN
[54] **PROPIONIC ACID DERIVATIVES WITH PPAR-ALPHA ACTIVATING PROPERTIES**
[54] **DERIVES D'ACIDE PROPIONIQUE**
[72] HIRTH-DIETRICH, CLAUDIA, DE
[72] BISCHOFF, HILMAR, DE
[72] DITTRICH-WENGENROTH, ELKE, DE
[72] HINZEN, BERTHOLD, DE
[72] WOLTERING, MICHAEL, DE
[72] URBAHNS, KLAUS, DE
[72] LUSTIG, KLEMENS, DE
[72] PERNERSTORFER, JOSEF, DE
[72] NIKOLIC, SUSANNE, DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2003-04-02
[86] 2001-09-24 (PCT/EP2001/011005)
[87] 2003-04-02 (WO2002/028821)
[30] DE (100 49 208.8) 2000-10-05
[30] DE (101 24 905.5) 2001-05-22

[21] **2,424,542**
[13] A1
[51] **Int.Cl. 7C09D 175/04 7C09D 5/02 7C09D 133/08 7C09D 161/28**
[25] EN
[54] **AQUEOUS COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT AQUEUSE**
[72] ADACHI, TAKATO, JP
[72] IGARASHI, HIROSHI, JP
[72] FUJII, TAKESHI, JP
[72] ISAKA, HISASHI, JP
[72] OKUBO, TAKASHI, JP
[71] KANSAI PAINT CO. LTD., JP
[85] 2003-04-02
[86] 2001-10-02 (PCT/JP2001/008685)
[87] 2003-04-02 (WO2002/028978)
[30] JP (2000-303652) 2000-10-03

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[13] A1
[51] **Int.Cl. 7C09D 153/02**
[25] EN
[54] **WATER-BASED COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT A BASE AQUEUSE**
[72] OKUBO, TAKASHI, JP
[72] FUJII, TAKESHI, JP
[72] IGARASHI, HIROSHI, JP
[72] ADACHI, TAKATO, JP
[72] OGAWA, TETSUO, JP
[71] KANSAI PAINT CO. LTD., JP
[85] 2003-04-02
[86] 2001-10-02 (PCT/JP2001/008686)
[87] 2003-04-02 (WO2002/028976)
[30] JP (2000-304766) 2000-10-04
[30] JP (2000-334311) 2000-11-01

[21] **2,424,555**
[13] A1
[51] **Int.Cl. 7C07D 493/10 7A61P 29/00 7C07C 39/04 7C07D 493/20 7C07D 303/32 7A61K 31/336**
[25] EN
[54] **TRIPTOLIDE ANALOGS FOR THE TREATMENT OF AUTOIMMUNE AND INFLAMMATORY DISORDERS**
[54] **ANALOGUES DE TRIPTOLIDES DESTINES AU TRAITEMENT DES TROUBLES AUTOIMMUNS ET INFLAMMATOIRES**
[72] WANG, SUSHENG, US
[72] LIOTTA, DENNIS C., US
[72] SNYDER, JAMES P., US
[72] VENKATESAN, HARIHARAN, US
[71] EMORY UNIVERSITY, US
[85] 2003-04-02
[86] 2001-10-02 (PCT/US2001/030951)
[87] 2002-04-11 (WO2002/028862)
[30] US (60/237,557) 2000-10-02

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[21] **2,424,560**
[13] A1

[51] **Int.Cl. 7A61C 19/06**
[25] EN
[54] **APPARATUS FOR THE TREATMENT OF DENTAL CARIES**
[54] **APPAREIL DE TRAITEMENT DE CARIES DENTAIRE**
[72] WEISEL, THOMAS, US
[72] MC PHERSON, ROGER, US
[72] BAYSAN, AYLIN, GB
[72] LYNCH, EDWARD, GB
[72] HOLLAND, GREGORY R., US
[72] SCHEMMER, JURGEN, H., CA
[71] CUROZONE IRELAND LIMITED, IE
[85] 2003-04-01
[86] 2001-11-05 (PCT/IB2001/002886)
[87] 2002-08-29 (WO2002/065936)
[30] US (09/712,611) 2000-11-13

[21] **2,424,565**
[13] A1

[51] **Int.Cl. 7C07D 213/89 7A61P 7/00 7A61K 31/4412**
[25] EN
[54] **NOVEL CRYSTALLINE FORMS OF A FACTOR XA INHIBITOR**
[54] **NOUVELLES FORMES CRISTALLINES D'UN INHIBITEUR DU FACTEUR XA**
[72] TEAGER, DAVID S., US
[72] WOODWARD, RICK G., US
[71] AVENTIS PHARMACEUTICALS INC., US
[85] 2003-04-02
[86] 2001-10-04 (PCT/US2001/031087)
[87] 2002-04-11 (WO2002/028836)
[30] US (60/238,316) 2000-10-05
[30] GB (0108903.6) 2001-04-10

[21] **2,424,571**
[13] A1

[51] **Int.Cl. 7G01N 30/72 7G01N 30/32 7G01N 30/84**
[25] EN
[54] **METHOD AND SYSTEM FOR PEAK PARKING IN LIQUID CHROMATOGRAPHY-MASS SPECTROMETER (LC-MS) ANALYSIS**
[54] **PROCEDE ET SYSTEME D'ARRET SUR CRETE EN ANALYSE PAR CHROMATOGRAPHIE LIQUIDE-SPECTROMETRE DE MASSE (CL-SM)**
[72] SWART, REMCO, NL
[72] VISSERS, JOHANNES PETRUS CORNELIUS, NL
[72] CHERVET, JEAN-PIERRE, NL
[71] DIONEX CORPORATION, US
[85] 2003-04-01
[86] 2001-10-03 (PCT/US2001/031072)
[87] 2002-04-11 (WO2002/029399)
[30] US (60/237,588) 2000-10-03

[21] **2,424,563**
[13] A1

[51] **Int.Cl. 7C02F 3/34 7B09C 1/00**
[25] EN
[54] **IN SITU IMMOBILIZATION OF METALS WITHIN DENSITY VARIANT BODIES OF WATER**
[54] **FIXATION IN SITU DE GRANDES MASSES D'EAU A DENSITE VARIABLE**
[72] HARRINGTON, JOSEPH G., US
[71] HARRINGTON, JOSEPH G., US
[85] 2003-04-02
[86] 2001-10-03 (PCT/US2001/031063)
[87] 2002-04-11 (WO2002/028783)
[30] US (09/678,272) 2000-10-03
[30] US (09/678,527) 2000-10-03

[21] **2,424,568**
[13] A1

[51] **Int.Cl. 7G06F 15/17 7G06F 9/455**
[25] EN
[54] **METHOD AND SYSTEM FOR HANDS-ON E-LEARNING**
[54] **PROCEDE ET SYSTEME DE FORMATION PRATIQUE ELECTRONIQUE**
[72] O'NEAL, DAVID, US
[72] MCDERMOTT, JOHN, US
[72] JOHNSTON, ROBIN, GB
[71] LEARNING TREE INTERNATIONAL, US
[85] 2003-04-01
[86] 2001-10-02 (PCT/US2001/030625)
[87] 2002-04-11 (WO2002/029598)
[30] US (60/236,729) 2000-10-02
[30] US (60/309,774) 2001-08-06

[21] **2,424,573**
[13] A1

[51] **Int.Cl. 7H01B 13/06**
[25] EN
[54] **HIGH TEMPERATURE WIRE CONSTRUCTION**
[54] **STRUCTURE DE CABLE HAUTE TEMPERATURE**
[72] POLASKY, DANIEL, US
[71] ELECTROVATIONS, US
[85] 2003-04-01
[86] 2001-10-05 (PCT/US2001/031335)
[87] 2002-04-11 (WO2002/029831)
[30] US (09/680,011) 2000-10-05

[21] **2,424,564**
[13] A1

[51] **Int.Cl. 7F02M 25/06 7G06F 17/00 7F02M 25/07**
[25] EN
[54] **HIGH VOLTAGE FAULT DISCRIMINATION FOR EGR TEMPERATURE SENSOR**
[54] **DISTINCTION D'UN DEFAUT DE HAUTE TENSION POUR CAPTEUR DE TEMPERATURE DES GAZ D'ECHAPPEMENT DE RECIRCULATION (TEMPERATURE RGE)**
[72] ZAGONE, PETER, US
[71] DETROIT DIESEL CORPORATION, US
[85] 2003-04-01
[86] 2001-08-22 (PCT/US2001/026199)
[87] 2002-04-11 (WO2002/029236)
[30] US (09/679,478) 2000-10-04

[21] **2,424,574**
[13] A1

[51] **Int.Cl. 7H01S 3/04**
[25] EN
[54] **TUNABLE EXTERNAL CAVITY LASER**
[54] **LASER A CAVITE EXTERNE ACCORDABLE**
[72] KAPANY, NARINDER S., US
[72] STOLPNER, LEW, US
[71] K2 OPTRONICS, INC., US
[85] 2003-04-01
[86] 2001-09-27 (PCT/US2001/042424)
[87] 2002-04-11 (WO2002/029944)
[30] US (09/680,150) 2000-10-03

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[21] **2,424,578**
[13] A1

[51] **Int.Cl. 7G06F 9/455**
[25] EN
[54] **PREDICTIVE METHOD FOR POLYMERS**
[54] **PROCEDE PREDICTIF POUR POLYMERES**
[72] GOSSELINK, EUGENE PAUL, US
[72] SCHNEIDERMAN, EVA, US
[72] STANTON, DAVID THOMAS, US
[72] TRINH, TOAN, US
[72] KRAMER, MICHAEL LEE, US
[72] LAIDIG, WILLIAM DAVID, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-04-01
[86] 2001-11-20 (PCT/US2001/043283)
[87] 2002-06-06 (WO2002/044686)
[30] US (60/252,342) 2000-11-20

[21] **2,424,582**
[13] A1

[51] **Int.Cl. 7B65D 77/20 7B65D 43/02**
[25] EN
[54] **REMOVABLE CLOSURE DEVICE**
[54] **STRUCTURES FORMANT UNE FERMETURE AMOVIBLE**
[72] BOYER, ANDREW MARTIN, US
[72] BUISSON, GERARD LAURENT, US
[72] ROMANACH, BENITO ALBERTO, US
[72] GIBBS, RIKKI DYAN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-04-01
[86] 2001-11-13 (PCT/US2001/047051)
[87] 2002-05-16 (WO2002/038462)
[30] US (60/248,026) 2000-11-13
[30] US (60/248,340) 2000-11-13

[21] **2,424,585**
[13] A1

[51] **Int.Cl. 7A61K 31/381 7A61P 27/02 7A61P 27/06 7C07D 333/54**
[25] EN
[54] **REMEDIES FOR RETINAL NERVE DISEASES CONTAINING 1,2-ETHANEDIOL DERIVATIVES OR SALTS THEREOF**
[54] **REMEDES POUR MALADIES DU NERF OPTIQUE, CONTENANT DES DERIVES DE 1,2-ETHANEDIOL OU DES SELS CORRESPONDANTS**
[72] ONO, SATOSHI, JP
[71] TOYAMA CHEMICAL CO., LTD., JP
[85] 2003-04-02
[86] 2001-10-04 (PCT/JP2001/008745)
[87] 2003-04-02 (WO2002/030420)
[30] JP (2000-308721) 2000-10-10

[21] **2,424,587**
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61L 2/00 7A23L 1/187 7A23L 1/30 7A23L 1/31**
[25] EN
[54] **A NUTRITIONAL DIETARY SYSTEM, FORMULATION, KIT AND METHOD FOR USE IN PREPARING AN INDIVIDUAL FOR A PREDETERMINED ACTIVITY**
[54] **SYSTEME, PREPARATION ET NECESSAIRE POUR UNE ALIMENTATION DIETETIQUE, ET METHODE DE PREPARATION D'UN INDIVIDU POUR UNE ACTIVITE PREDETERMINEE**
[72] STERN, HOWARD, US
[71] E-Z-EM, INC., US
[85] 2003-04-02
[86] 2001-10-12 (PCT/US2001/032039)
[87] 2002-04-18 (WO2002/030439)
[30] US (60/240,569) 2000-10-13

[21] **2,424,589**
[13] A1

[51] **Int.Cl. 7C04B 28/06 7C04B 14/04 7E04B 1/94**
[25] EN
[54] **FIRE-PROOF MATERIAL**
[54] **MATERIAU IGNIFUGE**
[72] WU, XIAO, BE
[72] ANTON, OCTAVIAN, BE
[71] PROMAT INTERNATIONAL N.V., BE
[85] 2003-04-02
[86] 2001-10-04 (PCT/EP2001/011456)
[87] 2003-04-02 (WO2002/028799)
[30] DE (100 49 391.2) 2000-10-05

[21] **2,424,590**
[13] A1

[51] **Int.Cl. 7B01D 63/06 7B01D 65/00**
[25] EN
[54] **IMPROVED MEMBRANE FILTRATION SYSTEM**
[54] **SYSTEME DE FILTRATION SUR MEMBRANE AMELIORE**
[72] ROGERS, PETER, GB
[72] JOHNSON, WARREN THOMAS, AU
[71] U.S. FILTER WASTEWATER GROUP, INC., US
[85] 2003-04-02
[86] 2001-10-03 (PCT/AU2001/001248)
[87] 2002-04-18 (WO2002/030550)
[30] AU (PR 0648) 2000-10-09

[21] **2,424,591**
[13] A1

[51] **Int.Cl. 7A61K 7/16 7A61K 7/18**
[25] EN
[54] **REDUCTANT RINSE FOR USE WITH OZONE TREATMENT OF DENTAL CARIES**
[54] **RINCAGE CONTENANT UN REDUCTEUR POUR TRAITEMENT A L'OZONE DE CARIES DENTAIRE**
[72] LYNCH, EDWARD, GB
[72] SCHEMMER, JURGEN, H., CA
[71] CURAZONE IRELAND LIMITED, IE
[85] 2003-04-01
[86] 2002-03-21 (PCT/IB2002/002140)
[87] 2002-10-10 (WO2002/078663)
[30] US (60/279,795) 2001-03-29

[21] **2,424,592**
[13] A1

[51] **Int.Cl. 7B29D 29/00**
[25] EN
[54] **PLASTIC CONTAINER HAVING A CARBON-TREATED INTERNAL SURFACE FOR NON-CARBONATED FOOD PRODUCTS**
[54] **CONTENANT PLASTIQUE A SURFACE INTERIEURE TRAITEE AU CARBONE, DESTINE A DES PRODUITS ALIMENTAIRES NON GAZEIFIES**
[72] DARR, RICHARD C., US
[72] SLAT, WILLIAM A., US
[71] PLASTIPAK PACKAGING, INC., US
[85] 2003-04-02
[86] 2001-09-26 (PCT/US2001/030491)
[87] 2002-04-18 (WO2002/030658)
[30] US (09/680,688) 2000-10-06

[21] **2,424,593**
[13] A1

[51] **Int.Cl. 7A22B 3/10 7B26B 3/00**
[25] EN
[54] **BUTCHER TOOL**
[54] **OUTIL DE BOUCHER**
[72] KYOGSRUD, BORRE, ASCHEHOUG, NO
[71] KYOGSRUD, BORRE, ASCHEHOUG, NO
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[86] 2001-10-08 (PCT/NO2001/000410)
[87] 2002-05-10 (WO2002/035937)
[30] NO (20005095) 2000-10-10

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[21] **2,424,595**
[13] A1

[51] **Int.Cl. 7C22C 1/02 7C22C 21/00 7C22C 1/03**
[25] EN
[54] **ALUMINUM ALLOYS HAVING IMPROVED CAST SURFACE QUALITY**
[54] **ALLIAGES D'ALUMINIUM A QUALITE DE SURFACE DE COULEE AMELIOREE**
[72] WIESNER, JEFFREY J, US
[72] DEYOUNG, DAVID H., US
[72] MCGINNIS, WILLIAM F, US
[72] RICHTER, RAY T., US
[71] ALCOA INC., US
[85] 2003-04-02
[86] 2001-09-21 (PCT/US2001/042260)
[87] 2002-04-18 (WO2002/030822)
[30] US (09/685,283) 2000-10-10

[21] **2,424,596**
[13] A1

[51] **Int.Cl. 7A61K 31/00**
[25] EN
[54] **ORAL DOSAGE SELF-EMULSIFYING FORMULATIONS OF PYRANONE PROTEASE INHIBITORS**
[54] **FORMES POSOLOGIQUES ORALES AUTO-EMULSIFIANTES D'INHIBITEURS DE PROTEASE DU PYRANONE**
[72] CHEN, SHIRLYNN, US
[72] GUNN, JOCELYN A., US
[71] BOEHRINGER INGELHEIM PHARMACEUTICALS, INC., US
[85] 2003-04-02
[86] 2001-10-30 (PCT/US2001/048683)
[87] 2002-05-10 (WO2002/036110)
[30] US (60/244,434) 2000-10-31

[21] **2,424,597**
[13] A1

[51] **Int.Cl. 7H04M 3/51 7G06F 17/60**
[25] EN
[54] **COMMUNICATION ARRANGEMENT**
[54] **STRUCTURE POUR COMMUNICATIONS**
[72] BONNIN, DAVID FREW, AU
[71] TELEMEDIA GROUP PTY LTD, AU
[85] 2003-04-02
[86] 2001-10-03 (PCT/AU2001/001236)
[87] 2002-04-11 (WO2002/030096)
[30] AU (PR 0562) 2000-10-03

[21] **2,424,598**
[13] A1

[51] **Int.Cl. 7C07D 295/18 7C07B 59/00 7A61K 51/00 7A61P 25/28**
[25] EN
[54] **RADIOPHARMACEUTICALS FOR DIAGNOSING ALZHEIMER'S DISEASE**
[54] **PRODUITS RADIOPHARMACEUTIQUES POUR LE DIAGNOSTIC DE LA MALADIE D'ALZHEIMER**
[72] HALKS-MILLER, MEREDITH, US
[72] MOHAN, RAJU, US
[72] JOHANNSEN, BERND, DE
[72] DINTER, HARALD, US
[72] STEINBACH, JORG, DE
[72] HESSELGESSER, JOSEPH E., US
[72] HORUK, RICHARD, US
[72] HILGER, CHRISTOPH-STEPHAN, DE
[72] MADING, PETER, DE
[71] SCHERING AKTIENGESELLSCHAFT, DE
[85] 2003-04-02
[86] 2001-11-01 (PCT/EP2001/012607)
[87] 2002-05-10 (WO2002/036581)
[30] US (60/246,299) 2000-11-06

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[13] A1

[51] **Int.Cl. 7C07D 207/16 7A61P 43/00 7C07D 471/04 7C07D 495/04 7C07D 491/048 7C07D 277/06 7A61P 3/10 7C07D 401/12 7C07D 403/12 7C07D 405/12 7C07D 409/12 7C07D 413/12 7C07D 417/12 7C07D 401/14 7C07D 405/14 7C07D 409/14 7C07D 417/14 7A61K 31/401 7A61K 31/4025 7A61K 31/4035 7A61K 31/41 7A61K 31/4155 7C07D 277/42 7A61K 31/423 7A61K 31/427 7A61K 31/428 7A61K 31/433 7A61K 31/4365 7A61K 31/437 7A61K 31/4439 7A61K 31/454 7A61K 31/4709 7A61K 31/4725 7A61K 31/497 7A61K 31/498 7A61K 31/501 7A61K 31/506 7A61K 31/519 7A61K 31/5377 7A61K 31/541 7A61K 31/55 7C07D 277/82**
[25] EN
[54] **ALIPHATIC NITROGENOUS FIVE-MEMBERED RING COMPOUNDS**
[54] **COMPOSES ALIPHATIQUES AZOTES A NOYAU A CINQ ELEMENTS**
[72] KAWANAMI, SABURO, JP
[72] MORIMOTO, HIROSHI, JP
[72] YASUDA, KOSUKE, JP
[72] ARAKAWA, KENJI, JP
[72] MATSUMOTO, TAKESHI, JP
[72] HIKOTA, MASATAKA, JP
[71] TANABE SEIYAKU CO., LTD., JP
[85] 2003-04-02
[86] 2001-10-05 (PCT/JP2001/008803)
[87] 2003-04-02 (WO2002/030891)
[30] JP (2000-308528) 2000-10-06
[30] JP (2000-312562) 2000-10-12
[30] JP (2001-099251) 2001-03-30

[21] **2,424,601**
[13] A1

[51] **Int.Cl. 7F28F 21/06 7F28D 1/047**
[25] EN
[54] **HEAT EXCHANGER MADE FROM BENDABLE PLASTIC TUBING**
[54] **ECHANGEUR DE CHALEUR AVEC FONCTION DE REFROIDISSEMENT FAIT D'UNE TUYAUTERIE CINTRABLE EN MATIERE PLASTIQUE ET PROCEDE CORRESPONDANT**
[72] BERGEVIN, KEVIN, CA
[72] CAMPBELL, GREGORY ALLAN, CA
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2003-04-02
[86] 2001-09-12 (PCT/CA2001/001291)
[87] 2002-04-11 (WO2002/029347)
[30] US (60/238,507) 2000-10-06

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[21] **2,424,607**
[13] A1

[51] **Int.Cl. 7A61K 35/74 7A61P 37/02 7A61K 7/06 7A61K 7/48**
[25] EN
[54] **USE OF PROBIOTIC LACTIC ACID BACTERIA FOR BALANCING THE SKIN'S IMMUNE SYSTEM**
[54] **UTILISATION DE BACTERIES LACTIQUES PROBIOTIQUES AFIN D'EQUILIBRER LE SYSTEME IMMUNITAIRE DE LA PEAU**
[72] GUENICHE, AUDREY, FR
[72] COUZY, FRANCOIS, CH
[72] BRETON, LIONEL, FR
[72] BAUR, MARKUS, DE
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2003-04-02
[86] 2001-10-04 (PCT/EP2001/011475)
[87] 2002-04-11 (WO2002/028402)
[30] EP (00121865.0) 2000-10-06

[21] **2,424,609**
[13] A1

[51] **Int.Cl. 7A61L 9/03 7A01M 1/20**
[25] EN
[54] **HEATER DEVICE FOR ACTIVE SUBSTANCES**
[54] **DISPOSITIF SERVANT A CHAUFFER DES SUBSTANCES ACTIVES**
[72] BASAGANAS MILLAN, JORDI, ES
[71] DBK ESPANA, S.A., ES
[85] 2003-04-02
[86] 2000-10-03 (PCT/ES2000/000368)
[87] 2003-04-02 (WO2002/028442)

[21] **2,424,610**
[13] A1

[51] **Int.Cl. 7G06F 17/00**
[25] EN
[54] **USER SPECIFIED PARALLEL DATA FETCHING FOR OPTIMIZED WEB ACCESS**
[54] **EXTRACTION DE DONNEES PARALLELES SPECIFIQUES D'UN UTILISATEUR POUR ACCES OPTIMISE AU WEB**
[72] WILLNER, BARRY E., US
[72] DUNN, JAMES M., US
[72] STERN, EDITH H., US
[72] SEMPLE, BRUCE P., US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2003-04-02
[86] 2001-11-09 (PCT/GB2001/004968)
[87] 2002-05-23 (WO2002/041162)
[30] US (09/715,453) 2000-11-17

[21] **2,424,613**
[13] A1

[51] **Int.Cl. 7A63F 13/00**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING AND MANAGING BETS IN A GAMING ENVIRONMENT**
[54] **PROCEDE ET SYSTEME D'ORGANISATION ET DE GESTION DES JEUX DANS UN ENVIRONNEMENT DE CASINO**
[72] GAGNON, MARTIN BENOIT, CA
[72] SANTA MARIA, GUILLERMO LORIA, CR
[72] HUARD, MARCEL, CA
[72] BERUBE, REAL, CA
[71] B.C.D. MECANIQUE LTEE, CA
[85] 2003-04-02
[86] 2001-10-22 (PCT/CA2001/001468)
[87] 2002-04-25 (WO2002/032528)
[30] US (60/241,740) 2000-10-20
[30] US (60/296,486) 2001-06-08
[30] US (60/296,453) 2001-06-08

[21] **2,424,615**
[13] A1

[51] **Int.Cl. 7H01M 8/06**
[25] EN
[54] **SYSTEMS AND PROCESSES FOR PROVIDING HYDROGEN TO FUEL CELLS**
[54] **SYSTEMES ET PROCEDES D'ALIMENTATION D'HYDROGENE DANS DES PILES A COMBUSTIBLE**
[72] BROWN, MICHAEL J., CA
[72] KEEFER, BOWIE GORDON, CA
[72] SAWADA, JAMES A., CA
[72] ROY, SURAJIT, CA
[72] JOHANNES, ERIK P., CA
[71] QUESTAIR TECHNOLOGIES INC., CA
[85] 2003-04-02
[86] 2001-10-26 (PCT/CA2001/001523)
[87] 2002-05-02 (WO2002/035623)
[30] CA (2,324,699) 2000-10-27
[30] CA (2,324,702) 2000-10-27

[21] **2,424,616**
[13] A1

[51] **Int.Cl. 7H04Q 7/22**
[25] EN
[54] **METHOD AND APPARATUS FOR SHARING UPLINK STATE FLAG (USF) WITH MULTIPLE UPLINK TEMPORARY BLOCK FLOWS (TBFS)**
[54] **PROCEDE ET DISPOSITIF POUR LE PARTAGE D'UN INDICATEUR D'ETAT DE LIAISON MONTANTE ENTRE PLUSIEURS FLUX DE BLOCS TEMPORAIRES DE LIAISON MONTANTE**
[72] SEBIRE, GUILLAUME, FI
[72] PARANTAINEN, JANNE, FI
[72] LINTULAMPI, RAINO, FI
[71] NOKIA CORPORATION, FI
[85] 2003-04-02
[86] 2001-10-03 (PCT/IB2001/001834)
[87] 2002-04-18 (WO2002/032168)
[30] US (60/238,998) 2000-10-10
[30] US (09/968,747) 2001-10-01

[21] **2,424,618**
[13] A1

[51] **Int.Cl. 7B65D 5/74**
[25] EN
[54] **FLEXIBLE CLOSURE FOR A CONTAINER**
[54] **FERMETURE SOUPLE POUR CONTENANT**
[72] WILLEMSSEN, LOUIS RINZE HENRICUS ADRIANUS, PH
[71] WEASY PACK INTERNATIONAL LTD., MY
[85] 2003-04-02
[86] 2001-10-03 (PCT/NL2001/000730)
[87] 2002-04-25 (WO2002/032772)
[30] NL (NL 1016312) 2000-10-03

[21] **2,424,642**
[13] A1

[51] **Int.Cl. 7A62B 27/00**
[25] EN
[54] **AUTOMATED RESPIRATOR FIT TESTING METHOD AND SYSTEM**
[54] **TECHNIQUE ET SYSTEME D'ESSAI D'AJUSTEMENT DE RESPIRATEUR AUTOMATISE**
[72] MULLINS, HASKELL E., US
[72] MARTINSON, PAUL A., US
[72] JOHNSTON, ALAN R., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-04-02
[86] 2001-03-09 (PCT/US2001/007535)
[87] 2002-05-02 (WO2002/034337)
[30] US (09/698,412) 2000-10-27

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[21] **2,424,654**
[13] A1
[51] **Int.Cl. 7H04L 12/26 7H04L 29/06**
[25] EN
[54] **SYSTEMS AND METHODS FOR ROBUST, REAL-TIME MEASUREMENT OF NETWORK PERFORMANCE**
[54] **SYSTEMES ET PROCEDES POUR UNE MESURE ROBUSTE ET EN TEMPS REEL DES PERFORMANCES D'UN RESEAU**
[72] SIDDIQI, FAISAL, US
[72] KARAM, MANSOUR J., US
[72] FINN, SEAN P., US
[72] LLOYD, MICHAEL A., US
[72] MCGUIRE, JAMES G., US
[72] MADAN, HERBERT S., US
[72] BALDONADO, OMAR C., US
[71] ROUTESCIENCE TECHNOLOGIES, INC., US
[85] 2003-04-02
[86] 2001-10-04 (PCT/US2001/031420)
[87] 2002-04-25 (WO2002/033892)
[30] US (60/241,450) 2000-10-17
[30] US (60/275,206) 2001-03-12
[30] US (09/903,423) 2001-07-10

[21] **2,424,656**
[13] A1
[51] **Int.Cl. 7A61K 9/16 7A61K 9/00 7A61K 9/10**
[25] EN
[54] **COMPOSITION AND METHOD FOR STABLE INJECTABLE LIQUIDS**
[54] **COMPOSITION ET PROCEDE POUR LIQUIDES INJECTABLES STABLES**
[72] MAKI, JAMES, US
[72] ROSER, BRUCE JOSEPH, GB
[72] GARCIA DE CASTRO, ARCADIO, GB
[71] CAMBRIDGE BIOSTABILITY LTD., GB
[85] 2003-04-02
[86] 2000-10-13 (PCT/US2000/028244)
[87] 2002-04-25 (WO2002/032402)

[21] **2,424,657**
[13] A1
[51] **Int.Cl. 7H01M 8/04 7H01M 16/00 7B60L 11/18**
[25] EN
[54] **DC POWER SOURCE WITH FUEL CELL**
[54] **SOURCE DE COURANT CONTINU AVEC PILE A COMBUSTIBLE**
[72] MANABE, KOUTA, JP
[72] WATANABE, NOBUO, JP
[72] ISHIKAWA, TETSUHIRO, JP
[72] SUGIURA, HIROSHI, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2003-04-03
[86] 2001-10-02 (PCT/IB2001/001811)
[87] 2002-04-11 (WO2002/029916)
[30] JP (2000/304614) 2000-10-04

[21] **2,424,661**
[13] A1
[51] **Int.Cl. 7G01N 33/68**
[25] EN
[54] **ALLERGEN-MICROARRAY ASSAY**
[54] **TEST DE JEU ORDONNE DE MICROECHANTILLONS D'ALLERGENES**
[72] MULLER, MANFRED W., AT
[72] HARWANEGG, CHRISTIAN, AT
[72] HILLER, REINHARD, AT
[71] VBC-GENOMICS BIOSCIENCE RESEARCH GMBH, AT
[85] 2003-04-02
[86] 2001-10-03 (PCT/EP2001/011429)
[87] 2002-04-11 (WO2002/029415)
[30] EP (00890296.7) 2000-10-03

[21] **2,424,663**
[13] A1
[51] **Int.Cl. 7G07D 7/00 7G07D 7/04**
[25] EN
[54] **METHOD AND APPARATUS FOR DOCUMENT IDENTIFICATION AND AUTHENTICATION**
[54] **PROCEDE ET APPAREIL DESTINES A L'IDENTIFICATION ET L'AUTHENTIFICATION DE DOCUMENT**
[72] RADOMSKI, JOHN J., US
[72] MENNIE, DOUGLAS U., US
[72] MAZUR, RICHARD A., US
[72] CHAMBERLAIN, FREDRICK R., IV, US
[72] FREEMAN, JAY D., US
[72] GANDOLA, KENT R., US
[71] CUMMINS-ALLISON CORP., US
[85] 2003-04-03
[86] 2001-09-28 (PCT/US2001/030338)
[87] 2002-04-11 (WO2002/029735)
[30] US (09/684,103) 2000-10-05

[21] **2,424,664**
[13] A1
[51] **Int.Cl. 7C07D 401/14 7C07D 498/04 7A61P 37/08 7C07D 401/12 7C07D 409/14 7C07D 413/14 7C07D 417/14 7A61K 31/4545 7C07D 213/73**
[25] EN
[54] **PIPERIDINE COMPOUNDS AS ANTI-ALLERGIC**
[54] **NOUVEAUX COMPOSES NON IMIDAZOLE**
[72] MC CORMICK, KEVIN D., US
[72] BOYCE, CHRISTOPHER W., US
[72] TOM, WING C., US
[72] ROSENBLUM, STUART B., US
[72] BERLIN, MICHAEL Y., US
[72] SHIH, NENG-YANG, US
[72] ASLANIAN, ROBERT G., US
[72] MANGIARACINA, PIETRO, US
[72] TING, PAULINE C., US
[72] MUTAHI, MWANGI WA, US
[72] PIWINSKI, JOHN J., US
[71] SCHERING CORPORATION, US
[85] 2003-04-02
[86] 2001-10-15 (PCT/US2001/032151)
[87] 2002-04-25 (WO2002/032893)
[30] US (60/240,901) 2000-10-17

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[21] **2,424,666**
[13] A1

[51] **Int.Cl. 7G06F 19/00**
[25] EN
[54] **METHOD OF SELECTING A CUTTING SYSTEM**
[54] **PROCEDE DE SELECTION D'UN SYSTEME DE COUPE**
[72] WOODS, GERALD L., US
[72] STATLER, DANIEL C., US
[72] TOPKA, KENNETH J., US
[72] COURTNEY, JAMES C., US
[71] KENNAMETAL INC., US
[85] 2003-04-03
[86] 2001-09-26 (PCT/US2001/030372)
[87] 2002-04-11 (WO2002/029699)
[30] US (09/680,009) 2000-10-05

[21] **2,424,670**
[13] A1

[51] **Int.Cl. 7G01G 13/285 7G01G 17/06**
[25] EN
[54] **DEVICE HAVING A TOOL HOLDER, A TOOL AND A BALANCE**
[54] **DISPOSITIF COMPRENANT UN PORTE-OUTIL, UN OUTIL ET UNE BALANCE**
[72] FRANK, PAUL, CH
[72] KLOKOW, GERHARD, DE
[72] BACHMANN, CHRISTOPH, CH
[72] METZGER, FRANZ, CH
[72] GULLER, ROLF, CH
[72] SCHROER, JOSEF, CH
[72] ZAHND, BERNHARD, CH
[71] CHEMSPEED LTD., CH
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[86] 2001-10-04 (PCT/CH2001/000600)
[87] 2003-04-03 (WO2002/029369)
[30] CH (1980/00) 2000-10-06

[21] **2,424,673**
[13] A1

[51] **Int.Cl. 7G06T 7/20**
[25] EN
[54] **MULTIPLE CAMERA CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE A CAMERAS MULTIPLES**
[72] HILDRETH, EVAN, CA
[72] MACDOUGALL, FRANCIS, CA
[71] JESTERTEK, INC., US
[85] 2003-04-03
[86] 2001-10-03 (PCT/US2001/030840)
[87] 2002-04-11 (WO2002/029722)
[30] US (60/237,187) 2000-10-03
[30] US (09/962,612) 2001-09-26

[21] **2,424,674**
[13] A1

[51] **Int.Cl. 7D05B 97/12 7G01B 3/00 7B26B 29/06 7D05B 35/12**
[25] EN
[54] **IMPROVED QUILTING RULER**
[54] **REGLE DE MATELASSAGE AMELIOREE**
[72] TANDY, RACHEL CLAIRE, GB
[71] CREATIVE GRIDS (UK) LIMITED, GB
[85] 2003-04-02
[86] 2001-09-25 (PCT/GB2001/004259)
[87] 2002-04-11 (WO2002/029147)
[30] GB (0024349.3) 2000-10-05

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[13] A1

[51] **Int.Cl. 7H04L 12/00**
[25] EN
[54] **METHOD AND APPARATUS FOR PERFORMANCE AND COST OPTIMIZATION IN AN INTERNETWORK**
[54] **PROCEDE ET APPAREIL PERMETTANT D'OPTIMISER DES PERFORMANCES ET DES COUTS DANS UN INTERRESEAU**
[72] LLOYD, MICHAEL A., US
[72] MADAN, HERBERT S., US
[72] VILLAVERDE, JOSE-MIGUEL PULIDO, US
[72] MCGUIRE, JAMES G., US
[72] FINN, SEAN P., US
[72] KARAM, MANSOUR J., US
[72] BALDONADO, OMAR C., US
[71] ROUTESCIENCE TECHNOLOGIES, INC., US
[85] 2003-04-02
[86] 2001-10-17 (PCT/US2001/032312)
[87] 2002-04-25 (WO2002/033894)
[30] US (60/241,450) 2000-10-17
[30] US (60/275,206) 2001-03-12
[30] US (09/903,423) 2001-07-10
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[13] A1

[51] **Int.Cl. 7G01S 17/89 7G01S 7/486**
[25] EN
[54] **PULSE SHIFTED ARRAY**
[54] **RESEAU COMMUTE A IMPULSIONS**
[72] JENNINGS, MARTYN ROBERT, GB
[72] MILLER, LEE DOUGLAS, GB
[71] MBDA UK LIMITED, GB
[85] 2003-04-02
[86] 2001-10-01 (PCT/GB2001/004375)
[87] 2002-04-11 (WO2002/029436)
[30] GB (0024587.8) 2000-10-05

[21] **2,424,680**
[13] A1

[51] **Int.Cl. 7H04L 12/00**
[25] EN
[54] **METHOD AND APPARATUS FOR THE ASSESSMENT AND OPTIMIZATION OF NETWORK TRAFFIC**
[54] **PROCEDE ET APPAREIL D'EVALUATION ET D'OPTIMISATION DE TRAFIC DE RESEAU**
[72] MADAN, HERBERT S., US
[72] MCGUIRE, JAMES G., US
[72] KARAM, MANSOUR J., US
[72] FINN, SEAN P., US
[72] BALDONADO, OMAR C., US
[72] LLOYD, MICHAEL A., US
[71] ROUTESCIENCE TECHNOLOGIES, INC., US
[85] 2003-04-02
[86] 2001-10-17 (PCT/US2001/032319)
[87] 2002-04-25 (WO2002/033895)
[30] US (60/241,450) 2000-10-17
[30] US (60/275,206) 2001-03-12
[30] US (09/903,423) 2001-07-10
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[13] A1

[51] **Int.Cl. 7H01M 8/02 7H01M 2/08 7H01M 8/12**
[25] EN
[54] **A SOLID OXIDE FUEL CELL COMPONENT AND A METHOD OF MANUFACTURING A SOLID OXIDE FUEL CELL COMPONENT**
[54] **COMPOSANT DE PILE A COMBUSTIBLE A OXYDE SOLIDE ET SON PROCEDE DE FABRICATION**
[72] CASSIDY, MARK, CA
[72] BRANDON, NIGEL PETER, GB
[72] HART, NIGEL THOMAS, GB
[72] GARDNER, FREDERICK JAMES, GB
[72] DAY, MICHAEL JOHN, GB
[71] ROLLS-ROYCE PLC, GB
[85] 2003-04-02
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[87] 2002-04-11 (WO2002/029917)
[30] GB (0024106.7) 2000-10-03

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[25] EN
[54] **NITROSO DIPHENYLAMINE DERIVATIVES**
[54] **DERIVES DE NITROSO-DIPHENYLAMINE**
[72] NIOCHE, JEAN-YVES, FR
[72] DECERPRIT, JACQUES, FR
[72] ORTHOLAND, JEAN-YVES, FR
[72] CAPUTO, LIDIA, FR
[72] GUERRIER, DANIEL, FR
[72] LARDY, CLAUDE, FR
[72] FESTAL, DIDIER, FR
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[85] 2003-04-03
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[30] FR (00/12749) 2000-10-05

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[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD AND APPARATUS TO CONTROL THE OPERATING SPEED OF A MANUFACTURING FACILITY**
[54] **PROCEDE ET APPAREIL DE COMMANDE DE LA VITESSE DE FONCTIONNEMENT D'UNE INSTALLATION DE FABRICATION**
[72] HOFFMAN, ROGER P., US
[71] THE HOFFMAN GROUP, US
[85] 2003-04-03
[86] 2001-10-03 (PCT/US2001/030921)
[87] 2002-04-11 (WO2002/029501)
[30] US (09/679,119) 2000-10-04

[21] **2,424,687**
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **METHOD OF SEARCHING FOR, COLLECTING AND DISTRIBUTING INFORMATION IN DISTRIBUTED COMPUTER**
[54] **PROCEDE POUR RECHERCHER, COLLECTER ET DISTRIBUER DES INFORMATIONS PARMIS DES ORDINATEURS REPARTIS**
[72] AKIYAMA, RYUHEI, JP
[71] VIEWPOINT COMMUNICATIONS INC., JP
[85] 2003-04-02
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[87] 2003-04-02 (WO2002/029634)

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[13] A1

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[54] **ORALLY ACTIVE SALTS WITH TYROSINE KINASE ACTIVITY**
[54] **SELS ORALEMENT ACTIFS A ACTIVITE TYROSINE KINASE**
[72] FRALEY, MARK E., US
[72] KARKI, SHYAM B., US
[72] KIM, YUNTAE, US
[71] MERCK & CO., INC., US
[85] 2003-04-02
[86] 2001-10-17 (PCT/US2001/032508)
[87] 2002-04-25 (WO2002/032861)
[30] US (60/241,043) 2000-10-17

[21] **2,424,695**
[13] A1

[51] **Int.Cl. 7G06K 7/10 7G06K 19/00 7G07D 7/12 7G01N 21/35 7G01N 21/65**
[25] EN
[54] **NONDESTRUCTIVE READING METHOD OF AN ISOTOPIC LABEL**
[54] **METHODE DE LECTURE NON DESTRUCTRICE POUR ETIQUETTE ISOTOPIQUE**
[72] HORIUCHI, KENJI, JP
[72] MAEDA, KENJI, JP
[72] YOKOI, YASUHARU, JP
[72] NEDA, TOKUDAI, JP
[72] YAMASHITA, SATOSHI, JP
[71] TOKYO GAS CO., LTD., JP
[85] 2003-04-02
[86] 2001-10-04 (PCT/JP2001/008757)
[87] 2003-04-02 (WO2002/029705)
[30] JP (2000-305568) 2000-10-04

[21] **2,424,699**
[13] A1

[51] **Int.Cl. 7D21C 9/00 7C04B 16/02 7E04C 5/07**
[25] EN
[54] **METHOD FOR REDUCING IMPURITIES IN CELLULOSE FIBERS FOR MANUFACTURE OF FIBER REINFORCED CEMENT COMPOSITE MATERIALS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE REDUIRE LES IMPURETES PRESENTES DANS DES FIBRES DE CELLULOSE DESTINEES A LA FABRICATION DE MATERIAUX COMPOSITES DE CIMENT RENFORCE DE FIBRES**
[72] LUO, CAIDIAN, US
[72] MERKLEY, DONALD J., US
[71] JAMES HARDIE RESEARCH PTY. LIMITED, AU
[85] 2003-04-02
[86] 2001-09-25 (PCT/US2001/042294)
[87] 2002-04-25 (WO2002/033164)
[30] US (60/241,102) 2000-10-17

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[13] A1
[51] **Int.Cl. 7H03L 7/06 7G06F 1/04**
[25] EN
[54] **SYNCHRONIZED MULTI-OUTPUT DIGITAL CLOCK MANAGER**
[54] **GESTIONNAIRE D'HORLOGE NUMERIQUE SYNCHRONISE A SORTIES MULTIPLES**
[72] LOGUE, JOHN D., US
[72] GOETTING, F. ERICH, US
[72] PERCEY, ANDREW K., US
[71] XILINX, INC., US
[85] 2003-04-03
[86] 2001-10-05 (PCT/US2001/031251)
[87] 2002-04-11 (WO2002/029974)
[30] US (09/684,529) 2000-10-06

[21] **2,424,709**
[13] A1
[51] **Int.Cl. 7H04B 10/00**
[25] EN
[54] **MULTIPLEXED DISTRIBUTION OF OPTICAL POWER**
[54] **DISTRIBUTION MULTIPLEXEE DE LA PUISSANCE OPTIQUE**
[72] SKINNER, NEAL G., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2003-04-02
[86] 2000-10-03 (PCT/US2000/027279)
[87] 2002-04-11 (WO2002/030011)

[21] **2,424,713**
[13] A1
[51] **Int.Cl. 7G06F 17/00**
[25] EN
[54] **SIMULTANEOUS MULTI-USER DOCUMENT EDITING SYSTEM**
[54] **SYSTEME SIMULTANE D'EDITION DE DOCUMENT MULTI-UTILISATEUR**
[72] SONNENBERG, CHRISTOPHER, CA
[72] WALKER, RICHARD, CA
[71] THOUGHTSLINGER CORPORATION, CA
[85] 2003-04-01
[86] 2001-08-21 (PCT/CA2001/001207)
[87] 2002-02-28 (WO2002/017115)
[30] US (60/226,572) 2000-08-21

[21] **2,424,706**
[13] A1
[51] **Int.Cl. 7H03L 7/081 7G06F 1/04 7G06F 1/10**
[25] EN
[54] **DIGITAL PHASE SHIFTER**
[54] **DEPHASEUR NUMERIQUE**
[72] YOUNG, STEVEN P., US
[72] CHING, ALVIN Y., US
[72] GOETTING, F. ERICH, US
[72] LOGUE, JOHN D., US
[72] PERCEY, ANDREW K., US
[71] XILINX, INC., US
[85] 2003-04-03
[86] 2001-10-05 (PCT/US2001/031450)
[87] 2002-04-11 (WO2002/029975)
[30] US (09/684,540) 2000-10-06

[21] **2,424,710**
[13] A1
[51] **Int.Cl. 7A21D 8/02 7A21D 10/00 7A21D 13/00**
[25] EN
[54] **METHOD FOR PRODUCING A DOUGH-BASED PRODUCT**
[54] **METHODE DE PREPARATION D'UN PRODUIT A BASE DE PATE**
[72] KING, LUIS ROBERTO, CH
[72] ANDERSEN, ERIK HEDEMANN, DK
[72] EKBERG, ANDERS, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2003-04-03
[86] 2001-10-11 (PCT/EP2001/011818)
[87] 2002-04-25 (WO2002/032229)
[30] EP (00203590.5) 2000-10-17

[21] **2,424,717**
[13] A1
[51] **Int.Cl. 7C07C 303/32 7C07C 309/42**
[25] EN
[54] **SOLVENTLESS SYNTHESIS OF HYDROPHILIC PHENOL ESTER DERIVATIVES**
[54] **SYNTHESE EXEMPT DE SOLVANT DE DERIVES D'ESTER PHENOLIQUE HYDROPHILES**
[72] MAJERCZAK, VICTORIA ANN, US
[72] GIBSON, MICHAEL STEVEN, US
[72] ORLANDO, ROBERT JAMES, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-04-01
[86] 2001-11-14 (PCT/US2001/043481)
[87] 2002-05-23 (WO2002/040447)
[30] US (60/248,924) 2000-11-15

[21] **2,424,707**
[13] A1
[51] **Int.Cl. 7B32B 13/12 7E04C 2/26**
[25] EN
[54] **BUILDING PANEL ASSEMBLY HAVING A PROTECTIVE FILM, METHOD OF MAKING SAME AND ADHESIVE SYSTEM FOR BONDING THE PROTECTIVE FILM**
[54] **ENSEMBLE PANNEAU DE CONSTRUCTION COMPORTANT UN FILM PROTECTEUR, PROCEDE DE FABRICATION DE CELUI-CI ET SYSTEME D'ADHESIF POUR COLLER CE FILM PROTECTEUR**
[72] BERGH, JEFF, US
[72] PENG, WEILING, US
[71] JAMES HARDIE RESEARCH PTY. LIMITED, AU
[85] 2003-04-02
[86] 2001-10-15 (PCT/US2001/042746)
[87] 2002-05-02 (WO2002/034508)
[30] US (60/243,761) 2000-10-26
[30] US (60/243,760) 2000-10-26

[21] **2,424,712**
[13] A1
[51] **Int.Cl. 7F15B 3/00**
[25] EN
[54] **DIAMOND-SHAPED FLUID POWERED LINKAGE, SYSTEM AND ENGINE**
[54] **TRANSMISSION RHOMBOIDALE, SYSTEME ET MOTEUR COMMANDES PAR UN FLUIDE**
[72] STRAIN, DAVID, CA
[71] STRAIN, DAVID, CA
[85] 2003-04-01
[86] 2000-12-20 (PCT/CA2000/001567)
[87] 2001-06-28 (WO2001/046594)
[30] US (60/172,998) 1999-12-21

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[21] **2,424,718**
[13] A1

[51] **Int.Cl. 7C08J 3/00 7C08K 5/10 7C08J 3/12 7C08K 5/34 7C08K 5/3432 7C08K 5/3435**

[25] EN

[54] **PROCESS FOR DEVOLATILIZING AN ACRYLIC RESIN, PROCESS FOR PREPARING A POWDER COATING COMPOSITION AND COMPOSITION CAPABLE OF BEING FORMED INTO A POWDER COATING COMPOSITION**

[54] **PROCEDE DE DEVOLATILISATION DE RESINE ACRYLIQUE, PROCEDE D'ELABORATION DE COMPOSITION DE REVETEMENT EN POWDRE, ET COMPOSITION SUSCEPTIBLE D'ETRE ETABLIE SOUS FORME DE COMPOSITION DE REVETEMENT EN POWDRE**

[72] LU, SZU-PING, US
[72] PRUCNAL, PAUL J., US
[71] ANDERSON DEVELOPMENT CO., US

[85] 2003-04-02
[86] 2001-10-03 (PCT/US2001/030842)
[87] 2002-04-11 (WO2002/028945)
[30] US (60/237,185) 2000-10-03

[21] **2,424,721**
[13] A1

[51] **Int.Cl. 7A61B 5/00**

[25] EN

[54] **TORSIONALLY COMPENSATED GUIDEWIRE**

[54] **FIL-GUIDE A TORSION COMPENSEE**

[72] PERALTA, NELSON, US
[72] STRAUSS, BRIAN M., US
[72] CONNER, AMANDA M., US
[71] MICRO THERAPEUTICS, INC., US

[85] 2003-04-03
[86] 2001-10-13 (PCT/US2001/042636)
[87] 2002-04-25 (WO2002/032344)
[30] US (09/690,914) 2000-10-17

[21] **2,424,724**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G07F 19/00 7G06K 9/00**

[25] EN

[54] **METHOD AND APPARATUS FOR MANAGING AUTOMATED BANKING MACHINES**

[54] **PROCEDE ET DISPOSITIF POUR LA GESTION DE GUICHETS AUTOMATIQUES BANCAIRES (GAB)**

[72] HERZIGER, KATHY ANN, US
[71] EFUNDS CORPORATION, US

[85] 2003-04-02
[86] 2001-10-02 (PCT/US2001/030831)
[87] 2002-04-11 (WO2002/029674)
[30] US (60/237,306) 2000-10-02
[30] US (60/237,907) 2000-10-04
[30] US (09/970,149) 2001-10-02

[21] **2,424,726**
[13] A1

[51] **Int.Cl. 7C07D 401/00**

[25] EN

[54] **ESTROGEN RECEPTOR MODULATORS**

[54] **MODULATEURS DE RECEPTEURS D'OESTROGENES**

[72] KIM, SEONGKON, US
[72] WU, JANE Y., US
[72] DININNO, FRANK P., US
[71] MERCK & CO., INC., US

[85] 2003-04-03
[86] 2001-10-15 (PCT/US2001/032035)
[87] 2002-04-25 (WO2002/032373)
[30] US (60/241,640) 2000-10-19
[30] US (60/241,584) 2000-10-19

[21] **2,424,727**
[13] A1

[51] **Int.Cl. 7C08F 10/00 7C08F 2/34**

[25] EN

[54] **PROCESS FOR THE GAS-PHASE (CO-)POLYMERISATION OF OLEFINS IN A FLUIDISED BED REACTOR**

[54] **PROCEDE DE (CO-)POLYMERISATION EN PHASE GAZEUSE D'OLEFINES DANS UN REACTEUR A LIT FLUIDISE**

[72] ESTEBAN, MURIEL, FR
[72] MLADENOV, CAROLINE, FR
[72] CHABRAND, CHRISTINE, FR
[71] BP CHEMICALS LIMITED, GB

[85] 2003-04-03
[86] 2001-09-28 (PCT/GB2001/004333)
[87] 2002-04-11 (WO2002/028919)
[30] EP (00430029.9) 2000-10-05

[21] **2,424,729**
[13] A1

[51] **Int.Cl. 7A61K 31/395 7C07D 205/00 7C07D 405/00 7C07D 409/00 7C07D 411/00 7A61P 5/00 7C07D 213/02 7A61K 31/40 7A61K 31/445 7A61K 31/55**

[25] EN

[54] **ESTROGEN RECEPTOR MODULATORS**

[54] **MODULATEURS DE RECEPTEURS D'OESTROGENES**

[72] DININNO, FRANK P., US
[72] WU, JANE Y., US
[72] KIM, SEONGKON, US
[72] CHEN, HELEN Y., US
[71] MERCK & CO., INC., US

[85] 2003-04-03
[86] 2001-10-15 (PCT/US2001/042735)
[87] 2002-04-25 (WO2002/032377)
[30] US (60/241,582) 2000-10-19

[21] **2,424,730**
[13] A1

[51] **Int.Cl. 7A61K 47/48**

[25] EN

[54] **COMPOSITIONS AND METHODS FOR THE TRANSPORT OF BIOLOGICALLY ACTIVE AGENTS ACROSS CELLULAR BARRIERS**

[54] **COMPOSITIONS ET PROCEDES POUR LE TRANSPORT D'AGENTS BIOLOGIQUEMENT ACTIFS A TRAVERS LES BARRIERES CELLULAIRES**

[72] HOUSTON, LOU L., US
[72] HAWLEY, STEPHEN, US
[72] SHERIDAN, PHILIP J., US
[72] CHAPIN, STEVEN, US
[72] BASU, AMARESH, US
[72] GLYNN, JACQUELINE M., US
[71] ARIZEKE PHARMACEUTICALS, INC., US

[85] 2003-04-02
[86] 2001-10-02 (PCT/US2001/030832)
[87] 2002-04-11 (WO2002/028408)
[30] US (60/237,929) 2000-10-02
[30] US (60/248,478) 2000-11-13
[30] US (60/248,819) 2000-11-14
[30] US (60/267,601) 2001-02-09

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[21] **2,424,733**
[13] A1

[51] **Int.Cl. 7B22F 3/00 7B22F 3/10**
[25] EN
[54] **METHOD FOR MANUFACTURING METAL PARTS**
[54] **PROCEDE DE PRODUCTION DE PIECES METALLIQUES**
[72] ENDRICH, MANFRED, DE
[72] KOCHANEK, WOLFGANG, DE
[71] ENDRICH, MANFRED, DE
[71] KOCHANEK, WOLFGANG, DE
[85] 2003-04-01
[86] 2001-03-22 (PCT/EP2001/003287)
[87] 2003-04-01 (WO2001/072456)
[30] DE (100 14 403.9) 2000-03-24

[21] **2,424,734**
[13] A1

[51] **Int.Cl. 7A61K 9/51**
[25] EN
[54] **NANOPARTICLES**
[54] **NANOPARTICULES**
[72] ROJO, JAVIER, ES
[72] MARTIN-LOMAS, MANUEL, ES
[72] PENADES, SOLEDAD, ES
[71] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES
[85] 2003-04-03
[86] 2001-10-16 (PCT/GB2001/004633)
[87] 2002-04-25 (WO2002/032404)
[30] GB (0025414.4) 2000-10-16

[21] **2,424,735**
[13] A1

[51] **Int.Cl. 7H01M 10/40**
[25] EN
[54] **LITHIUM SECONDARY CELL AND NONAQUEOUS ELECTROLYTE**
[54] **PILE SECONDAIRE AU LITHIUM ET ELECTROLYTE NON AQUEUX**
[72] UEKI, AKIRA, JP
[72] HAMAMOTO, TOSHIKAZU, JP
[72] ABE, KOJI, JP
[72] MIYOSHI, KAZUHIRO, JP
[71] UBE INDUSTRIES LTD., JP
[85] 2003-04-02
[86] 2001-10-03 (PCT/JP2001/008724)
[87] 2003-04-02 (WO2002/029922)
[30] JP (2000-303641) 2000-10-03
[30] JP (2001-15468) 2001-01-24

[21] **2,424,736**
[13] A1

[51] **Int.Cl. 7A61C 8/00**
[25] EN
[54] **ADJUSTABLE MODULAR COMPONENTS FOR DENTURES AND DENTAL BRIDGES**
[54] **COMPOSANTS MODULAIRES ADAPTABLES POUR L'ASSEMBLAGE DE PROTHESES ET PONTS DENTAIRE**
[72] WEISSMAN, BERNARD, US
[71] WEISSMAN, BERNARD, US
[85] 2003-04-02
[86] 2001-10-04 (PCT/US2001/030896)
[87] 2002-04-11 (WO2002/028304)
[30] US (60/237,814) 2000-10-04

[21] **2,424,737**
[13] A1

[51] **Int.Cl. 7C08L 23/12**
[25] EN
[54] **POLYOLEFIN MASTERBATCH AND COMPOSITION SUITABLE FOR INJECTION MOLDING**
[54] **MELANGE-MAITRE POLYOLEFINIQUE ET COMPOSITION ADAPTEE AU MOULAGE PAR INJECTION**
[72] MINOWA, KAZUHIKO, JP
[72] WASHIYAMA, JUNICHIRO, JP
[72] TAKENOUCI, HIROSHI, JP
[72] NAKAJIMA, TAKESHI, JP
[72] PELLICONI, ANTEO, IT
[72] YAMAUCHI, MASAMITSU, JP
[72] YOKOHAMA, YUTAKA, IT
[71] BASELL TECHNOLOGY COMPANY B.V., NL
[85] 2003-04-01
[86] 2001-10-02 (PCT/IB2001/001828)
[87] 2002-04-11 (WO2002/028958)
[30] US (60/237,364) 2000-10-04

[21] **2,424,739**
[13] A1

[51] **Int.Cl. 7B26B 21/16 7B26B 21/22**
[25] EN
[54] **SAFETY RAZOR BLADE UNIT**
[54] **RASOIRS DE SURETE**
[72] WAIN, KEVIN J., GB
[71] THE GILLETTE COMPANY, US
[85] 2003-04-03
[86] 2001-10-11 (PCT/US2001/031600)
[87] 2002-04-25 (WO2002/032632)
[30] GB (0025336.9) 2000-10-16

[21] **2,424,740**
[13] A1

[51] **Int.Cl. 7G08C 17/00 7G08B 29/00 7H02J 3/00**
[25] EN
[54] **POWER SUPPLY AND INTERCONNECT SYSTEM**
[54] **SYSTEME D'INTERCONNEXION ET D'ALIMENTATION**
[72] BROOKS, FLOYD E., US
[72] VENZANT, KENNETH L., US
[72] JOHNSTON, DEREK S., US
[72] SIAZON, ROMUALDO S., US
[71] BRK BRANDS, INC., US
[85] 2003-04-02
[86] 2001-10-03 (PCT/US2001/030949)
[87] 2002-04-11 (WO2002/029855)
[30] US (60/238,183) 2000-10-05
[30] US (09/969,023) 2001-10-02

[21] **2,424,743**
[13] A1

[51] **Int.Cl. 7B60L 11/18 7H02J 7/00 7B60L 11/12**
[25] EN
[54] **ELECTRIC SCOOTER WITH ON-BOARD CHARGING SYSTEM**
[54] **SCOOTER ELECTRIQUE DOTE D'UN SYSTEME DE CHARGEMENT EMBARQUE**
[72] BALDWIN, JAMES DANIEL, US
[72] HUGHES, PETER S., US
[71] VECTRIX CORPORATION, US
[85] 2003-04-02
[86] 2001-09-25 (PCT/US2001/030108)
[87] 2002-04-11 (WO2002/029956)
[30] US (09/679,408) 2000-10-04

[21] **2,424,744**
[13] A1

[51] **Int.Cl. 7C04B 28/02 7D06M 16/00 7C04B 18/24 7D21H 21/36**
[25] EN
[54] **FIBER CEMENT COMPOSITE MATERIAL USING BIOCIDES TREATED DURABLE CELLULOSE FIBERS**
[54] **MATIERE COMPOSITE EN FIBRO-CIMENT UTILISANT DES FIBRES DE CELLULOSE DURABLES TRAITÉES AUX BIOCIDES**
[72] LUO, CAIDIAN, US
[72] MERKLEY, DONALD J., US
[71] JAMES HARDIE RESEARCH PTY LIMITED, AU
[85] 2003-04-03
[86] 2001-09-25 (PCT/US2001/042286)
[87] 2002-04-25 (WO2002/032830)
[30] US (60/241,212) 2000-10-17

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[13] A1
[51] **Int.Cl. 7H02J 13/00 7G05B 23/02**
[25] EN
[54] **METHOD FOR DISPLAYING THE OPERATING CONDITIONS OF AN INSTALLATION**
[54] **PROCEDE D’AFFICHAGE DU FONCTIONNEMENT D’INSTALLATIONS**
[72] WOBLEN, ALOYS, DE
[71] WOBLEN, ALOYS, DE
[85] 2003-04-02
[86] 2001-09-08 (PCT/EP2001/010387)
[87] 2002-04-25 (WO2002/033802)
[30] DE (100 50 993.2) 2000-10-14

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[13] A1
[51] **Int.Cl. 7A61P 35/00 7C07K 16/28 7A61K 39/395**
[25] EN
[54] **METHODS OF THERAPY FOR B-CELL MALIGNANCIES USING ANTAGONIST ANTI-CD40 ANTIBODIES**
[54] **METHODES THERAPEUTIQUES POUR LUTTER CONTRE LES CELLULES B MALIGNES**
[72] MASUOKA, LORIANNE, US
[72] CHU, KETING, US
[71] CHIRON CORPORATION, US
[85] 2003-04-02
[86] 2001-10-02 (PCT/US2001/030963)
[87] 2002-04-11 (WO2002/028481)
[30] US (60/237,556) 2000-10-02

[21] **2,424,750**
[13] A1
[51] **Int.Cl. 7B60Q 1/44 7B60T 17/22**
[25] EN
[54] **VEHICLE BRAKE LIGHT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE FEUX DE STOP D’AUTOMOBILE**
[72] HADAR, MENACHEM, IL
[71] HADAR, MENACHEM, IL
[85] 2003-04-03
[86] 2001-09-25 (PCT/IL2001/000899)
[87] 2002-04-11 (WO2002/028667)
[30] IL (138838) 2000-10-03

[21] **2,424,753**
[13] A1
[51] **Int.Cl. 7F24J 3/08**
[25] EN
[54] **METHOD AND SYSTEM FOR EXCHANGING EARTH ENERGY BETWEEN EARTHLY BODIES AND AN ENERGY EXCHANGER, ESPECIALLY FOR CURRENT GENERATION**
[54] **PROCEDE ET INSTALLATION POUR ECHANGER DE L’ENERGIE TERRESTRE ENTRE UN CORPS TERRESTRE ET UN ECHANGEUR D’ENERGIE, NOTAMMENT POUR PRODUIRE DU COURANT**
[72] HILDEBRAND, HANS, CH
[71] HITA AG, CH
[85] 2003-04-03
[86] 2001-10-17 (PCT/CH2001/000621)
[87] 2003-04-03 (WO2002/033332)
[30] CH (2058/00) 2000-10-20

[21] **2,424,755**
[13] A1
[51] **Int.Cl. 7H01R 13/625**
[25] EN
[54] **QUICK CONNECT DEVICE WITH EASY INSTALLATION FEATURES INCLUDING A PLUG AND SPRING**
[54] **DISPOSITIF A BRANCHEMENT RAPIDE, FACILE A INSTALLER, COMPRENANT UNE PRISE ET UN RESSORT**
[72] KERR, JACK RUSSELL JR., US
[71] ANGELO FAN BRACE LICENSING, L.L.C., US
[85] 2003-04-02
[86] 2002-06-19 (PCT/US2002/019460)
[87] 2003-01-03 (WO2003/001629)
[30] US (60/299,635) 2001-06-20

[21] **2,424,757**
[13] A1
[51] **Int.Cl. 7C08K 5/5313 7C08K 7/14 7C08K 5/3492 7C08K 5/524**
[25] EN
[54] **HALOGEN-FREE FLAME RETARDER COMPOSITION AND FLAME RETARDANT POLYAMIDE COMPOSITION**
[54] **COMPOSITION IGNIFUGE EXEMPT D’HALOGENE ET COMPOSITION POLYAMIDIQUE IGNIFUGE**
[72] TUMMERS, DANIEL JOSEPH MARIA, NL
[72] TIJSSEN, JOHANNES, NL
[72] STEENBAKKERS-MENTING, HENRICA NORBERTA ALBERTA MARIA, NL
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 2003-04-03
[86] 2001-10-04 (PCT/NL2001/000733)
[87] 2002-04-11 (WO2002/028953)
[30] NL (1016340) 2000-10-05

[21] **2,424,763**
[13] A1
[51] **Int.Cl. 7A01K 63/04**
[25] EN
[54] **EXTERNAL TYPE FILTRATION DEVICE**
[54] **DISPOSITIF DE FILTRATION DU TYPE EXTERNE**
[72] OGAWA, SOICHI, JP
[71] SUIKEN CO., LTD., JP
[85] 2003-04-02
[86] 2002-08-06 (PCT/JP2002/008032)
[87] 2003-04-02 (WO2003/013233)
[30] JP (2001-238815) 2001-08-07

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[21] **2,424,769**
[13] A1

[51] **Int.Cl. 7A61K 7/16 7A61K 7/24 7A61K 7/26**
[25] EN
[54] **TOOTH WHITENING COMPOSITION AND METHOD EMPLOYING DICARBOXYLIC ACID WHITENING AGENT**
[54] **COMPOSITION DE BLANCHIMENT DES DENTS ET PROCEDE UTILISANT L'AGENT DE BLANCHIMENT A BASE D'ACIDE DICARBOXYLIQUE**
[72] GEORGIADIS, CONSTANTINE ARGY, US
[71] WARNER-LAMBERT COMPANY LLC, US
[85] 2003-04-03
[86] 2001-10-03 (PCT/IB2001/001837)
[87] 2002-04-18 (WO2002/030378)
[30] US (60/239,296) 2000-10-11

[21] **2,424,770**
[13] A1

[51] **Int.Cl. 7A61K 9/20 7A61K 47/10 7A61P 3/10 7A61P 7/10 7A61P 9/10 7A61K 47/18 7A61K 47/24 7A61K 47/36 7A61K 47/38 7A61K 31/4184 7A61K 31/4439 7A61K 31/496 7A61K 31/5415 7A61K 31/7008**
[25] EN
[54] **SOLID PHARMACEUTICAL PREPARATION**
[54] **PREPARATIONS SOLIDES**
[72] KOIKE, MASAHIKO, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[85] 2003-04-03
[86] 2001-10-05 (PCT/JP2001/008785)
[87] 2003-04-03 (WO2002/030400)
[30] JP (2000-313105) 2000-10-06
[30] JP (2000-313106) 2000-10-06

[21] **2,424,776**
[13] A1

[51] **Int.Cl. 7C08B 30/08 7B01D 33/00**
[25] EN
[54] **WASHING AND DEWATERING OF SUSPENSIONS**
[54] **LAVAGE ET DESHYDRATATION DE SUSPENSIONS**
[72] FRANKE, GIJSBERT THEODORUS, NL
[72] VAN DER WEERD, HENDRIK, NL
[71] COOPERATIEVE VERKOOP- EN PRODUCTIEVERENIGING VAN AARDAPPELMEEL EN DERIVA TEN AVEBE B.A., NL
[85] 2003-04-03
[86] 2001-10-08 (PCT/NL2001/000739)
[87] 2002-04-11 (WO2002/028907)
[30] EP (00203470.0) 2000-10-06

[21] **2,424,779**
[13] A1

[51] **Int.Cl. 7C12N 5/06 7C12N 5/08 7G01N 33/50**
[25] EN
[54] **PROCESSES FOR CLONAL GROWTH OF HEPATIC PROGENITOR CELLS**
[54] **PROCEDE DE MULTIPLICATION PAR CLONAGE DE CELLULES SOUCHES HEPATHIQUES**
[72] KUBOTA, HIROSHI, US
[72] REID, LOLA M., US
[71] UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2003-04-03
[86] 2000-10-03 (PCT/US2000/027428)
[87] 2002-04-11 (WO2002/029012)

[21] **2,424,783**
[13] A1

[51] **Int.Cl. 7A61K 7/42 7A61P 17/16 7A61K 7/48**
[25] EN
[54] **CONCORDANTLY UV-PHOTOPROTECTING AND ARTIFICIAL TANNING COMPOSITIONS**
[54] **COMPOSITIONS ASSURANT SIMULTANEMENT UNE PHOTOPROTECTION CONTRE LES UV ET UN BRONZAGE ARTIFICIEL**
[72] HANSENNE, ISABELLE, US
[72] FEENEY, BRENDAN, US
[72] GALDI, ANGELIKE, US
[71] SOCIETE L'OREAL S.A., FR
[85] 2003-04-02
[86] 2001-10-05 (PCT/US2001/031146)
[87] 2002-04-11 (WO2002/028359)
[30] US (60/237,703) 2000-10-05

[21] **2,424,784**
[13] A1

[51] **Int.Cl. 7E21B 10/56**
[25] EN
[54] **CUTTING INSERT FOR PERCUSSION DRILL BIT**
[54] **INSERT DE DECOUPE POUR OUTIL DE FORAGE A PERCUSSION**
[72] BOYD, MICHEAL D., US
[71] KENNAMETAL INC., US
[85] 2003-04-03
[86] 2001-09-24 (PCT/US2001/029821)
[87] 2002-04-11 (WO2002/029198)
[30] US (09/680,360) 2000-10-05

[21] **2,424,785**
[13] A1

[51] **Int.Cl. 7A61K 31/40 7A61K 9/08 7A61K 31/495**
[25] EN
[54] **MEDIATORS OF HEDGEHOG SIGNALING PATHWAYS, COMPOSITIONS AND USES RELATED THERETO**
[54] **MEDIATEURS DE VOIES DE SIGNALISATION DE HEDGEHOG, COMPOSITIONS ET UTILISATIONS ASSOCIEES**
[72] BOYD, EDWARD A., GB
[72] PRICE, STEPHEN, GB
[72] GUICHERIT, OIVIN M., US
[72] RUBIN, LEE D., US
[72] BAXTER, ANTHONY D., GB
[71] CURIS, INC., US
[85] 2003-04-03
[86] 2001-10-12 (PCT/US2001/032054)
[87] 2002-04-18 (WO2002/030421)
[30] US (60/240,536) 2000-10-13

[21] **2,424,786**
[13] A1

[51] **Int.Cl. 7B01L 3/02 7G01N 1/10**
[25] EN
[54] **SELF-DISPENSING STORAGE DEVICE**
[54] **DISPOSITIF DE STOCKAGE AUTO-DISTRIBUTEUR**
[72] MCNEIL, JOHN, US
[71] ISIS PHARMACEUTICALS, INC., US
[85] 2003-04-03
[86] 2001-09-27 (PCT/US2001/030181)
[87] 2002-04-11 (WO2002/028534)
[30] US (09/678,434) 2000-10-03

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[21] **2,424,791**
[13] A1

[51] **Int.Cl. 7A61L 15/00 7A61L 17/04**
[25] EN
[54] **DETECTION OF THE PRESENCE OF A MICROBE OR RELATED SUBSTANCE AT A LOCATION**
[54] **AMELIORATIONS EN DETECTION**
[72] FERGUSON, DREW MERCER, GB
[72] SWOBODA, UTHAYA, GB
[72] DOW, CRAWFORD STEWART, GB
[72] MILAN, GUY DIMITRI, GB
[71] CAMBRIDGE MEDITECH LIMITED, GB
[85] 2003-04-03
[86] 2001-10-15 (PCT/GB2001/004588)
[87] 2002-04-18 (WO2002/030478)
[30] GB (0025084.5) 2000-10-13

[21] **2,424,793**
[13] A1

[51] **Int.Cl. 7A61B 17/00**
[25] EN
[54] **APPARATUS AND METHODS FOR POSITIONING A VASCULAR SHEATH**
[54] **APPAREIL ET METHODES DE POSITIONNEMENT D'UNE GAINE VASCULAIRE**
[72] BELEF, MARTIN W, US
[72] GINN, RICHARD S, US
[71] INTEGRATED VASCULAR SYSTEMS, INC., US
[85] 2003-04-03
[86] 2001-10-03 (PCT/US2001/031154)
[87] 2002-04-11 (WO2002/028286)
[30] US (09/680,837) 2000-10-06

[21] **2,424,794**
[13] A1

[51] **Int.Cl. 7G01N 33/96 7G01N 33/68 7G01N 33/86**
[25] EN
[54] **XENOGENEIC ANTIBODY CONTAINING PLASMA REAGENTS AND ASSOCIATED METHODS**
[54] **ANTICORPS XENOGENE CONTENANT DES REACTIFS DE PLASMA ET METHODES ASSOCIES**
[72] SCHWARZ, HANS-PETER, AT
[72] TURECEK, PETER, AT
[72] GRITSCH, HERBERT, AT
[71] BAXTER AKTIENGESELLSCHAFT, AT
[85] 2003-04-03
[86] 2001-10-01 (PCT/EP2001/011310)
[87] 2002-04-18 (WO2002/031515)
[30] US (09/687,823) 2000-10-13

[21] **2,424,795**
[13] A1

[51] **Int.Cl. 7C04B 28/02 7C04B 18/24 7D21H 17/70**
[25] EN
[54] **FIBER CEMENT COMPOSITE MATERIALS USING CELLULOSE FIBERS LOADED WITH INORGANIC AND/OR ORGANIC SUBSTANCES**
[54] **MATERIAUX COMPOSITES AU FIBROCIMENT UTILISANT DES FIBRES DE CELLULOSE CHARGÉES DE SUBSTANCES INORGANIQUES ET/OU ORGANIQUES**
[72] MERKLEY, DONALD J., US
[72] LUO, CAIDIAN, US
[71] JAMES HARDIE RESEARCH PTY LIMITED, AU
[85] 2003-04-01
[86] 2001-09-21 (PCT/US2001/042243)
[87] 2002-04-11 (WO2002/028796)
[30] US (60/237,850) 2000-10-04

[21] **2,424,796**
[13] A1

[51] **Int.Cl. 7G07D 11/00**
[25] EN
[54] **METHOD AND DEVICE FOR ACCEPTING ARTICLES IN THE FORM OF SHEET-TYPE MATERIAL**
[54] **PROCEDE ET DISPOSITIF POUR LA RECEPTION D'ARTICLES SOUS FORME DE FEUILLES**
[72] SCHELLING, DIRK, DE
[72] STRASSER, KARL-HEINZ, DE
[72] MATZIG, CHRISTOPH, DE
[72] HOBMEIER, RALF, DE
[71] GIESECKE & DEVRIENT GMBH, DE
[85] 2003-04-03
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[87] 2003-04-03 (WO2002/031781)
[30] DE (100 49 432.3) 2000-10-06

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[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61P 35/00 7A61K 31/435 7A61K 31/495**
[25] EN
[54] **METHODS OF INDUCING CANCER CELL DEATH AND TUMOR REGRESSION**
[54] **METHODES D'INDUCTION DE L'APOPTOSE DE CELLULES CANCEREUSES ET DE LA REGRESSION DE TUMEURS**
[72] DALEY, GEORGE, Q., US
[71] DALEY, GEORGE, Q., US
[85] 2003-04-02
[86] 2001-10-05 (PCT/US2001/042509)
[87] 2002-04-11 (WO2002/028381)
[30] US (60/238,240) 2000-10-05

[21] **2,424,801**
[13] A1

[51] **Int.Cl. 7C07C 2/32 7C07C 11/02**
[25] EN
[54] **PROCESS FOR THE CO-OLIGOMERISATION OF ETHYLENE AND ALPHA OLEFINS**
[54] **PROCEDE DE CO-OLIGOMERISATION D'ETHYLENE ET D'ALPHA-OLEFINES**
[72] VAN DER HEIJDEN, HARRY, NL
[72] DE BOER, ERIC JOHANNES MARIA, NL
[72] DEULING, HENDRIKUS HYACINTHUS, NL
[72] ON, QUOC AN, NL
[72] VAN OORT, AART BARTUS, NL
[72] VAN ZON, ARIE, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2003-04-01
[86] 2001-10-01 (PCT/EP2001/011392)
[87] 2002-04-11 (WO2002/028805)
[30] EP (00308728.5) 2000-10-03
[30] EP (01306601.4) 2001-08-01

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[13] A1
[51] Int.Cl. 7C07D 405/12 7C07D 401/12
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14 7C07D 405/14 7A61K 31/4196
[25] FR
[54] NOUVEAUX COMPOSES
AMINOTRIAZOLONES, LEUR
PROCEDE DE PREPARATION ET LES
COMPOSITIONS
PHARMACEUTIQUES QUI LES
CONTIENNENT
[54] NOVEL AMINOTRIAZOLONE
COMPOUNDS, METHOD FOR
PREPARING SAME AND
PHARMACEUTICAL COMPOSITIONS
CONTAINING SAME
[72] BOUTIN, JEAN ALBERT, FR
[72] CHAMORRO, SUSANA, FR
[72] ORTUNO, JEAN-CLAUDE, FR
[72] LEVENS, NIGEL, CH
[72] FAUCHERE, JEAN-LUC, FR
[71] LES LABORATOIRES SERVIER, FR
[85] 2003-04-03
[86] 2001-10-11 (PCT/FR2001/003133)
[87] 2002-04-18 (WO2002/030923)
[30] FR (00/13125) 2000-10-13

[21] **2,424,804**
[13] A1
[51] Int.Cl. 7B64F 5/00 7B60B 29/00
[25] EN
[54] A METHOD OF AND APPARATUS
FOR ASSEMBLING AN AIRCRAFT
WHEEL OR BRAKE COMPONENT ON
AN AXLE OF AN UNDERCARRIAGE
[54] PROCEDE ET DISPOSITIF POUR
L'ASSEMBLAGE D'UN ELEMENT
ROUE OU FREIN D'AVION SUR UN
ESSIEU D'UN TRAIN
D'ATTERRISSAGE
[72] DAWES, RICHARD, GB
[72] LAIRD, ROBERT, GB
[71] AIRBUS UK LIMITED, GB
[85] 2003-04-03
[86] 2001-09-21 (PCT/GB2001/004217)
[87] 2002-04-18 (WO2002/030747)
[30] GB (0024648.8) 2000-10-07

[21] **2,424,812**
[13] A1
[51] Int.Cl. 7C07D 243/24 7C07D 403/04
7A61P 25/28 7A61K 31/5513
[25] EN
[54] BENZODIAZEPINE DERIVATIVES
AS INHIBITORS OF GAMMA
SECRETASE
[54] DERIVES DE LA
BENZODIAZEPINE UTILISES COMME
INHIBITEURS DE LA GAMMA-
SECRETASE
[72] OWENS, ANDREW PATE, GB
[72] CHURCHER, IAN, GB
[72] NADIN, ALAN JOHN, GB
[71] MERCK SHARP & DOHME LIMITED,
GB
[85] 2003-04-03
[86] 2001-10-08 (PCT/GB2001/004474)
[87] 2002-04-18 (WO2002/030912)
[30] GB (0025173.6) 2000-10-13

[21] **2,424,814**
[13] A1
[51] Int.Cl. 7A61B 17/70
[25] EN
[54] A SURGICAL CROSS-
CONNECTING APPARATUS AND
RELATED METHODS
[54] APPAREIL CHIRURGICAL POUR
CONNEXION TRANSVERSALE ET
METHODES AFFERENTES
[72] LOMBARDO, ALAN, US
[71] BLACKSTONE MEDICAL, INC., US
[85] 2003-04-03
[86] 2000-10-10 (PCT/US2000/027940)
[87] 2001-04-12 (WO2001/024718)
[30] US (09/414,357) 1999-10-07

[21] **2,424,815**
[13] A1
[51] Int.Cl. 7C08C 19/44 7C08L 19/00
7C08F 136/04
[25] EN
[54] MODIFIED POLYMERS
PREPARED WITH LANTHANIDE-
BASED CATALYSTS
[54] POLYMERES MODIFIES
PRODUITS A L'AIDE DE
CATALYSEURS A BASE DE
LANTHANIDES
[72] MORITA, KOICHI, JP
[72] OZAWA, YOICHI, US
[72] HATTORI, IWAKAZU, JP
[72] MASAKI, KOJI, US
[72] SONE, TAKUO, JP
[72] FUJIMAKI, TATSUO, JP
[72] MILLER, H. JERROLD, US
[71] BRIDGESTONE CORPORATION, JP
[71] JSR CORPORATION, JP
[85] 2003-04-03
[86] 2000-11-10 (PCT/US2000/030743)
[87] 2001-05-17 (WO2001/034658)
[30] US (60/165,172) 1999-11-12

[21] **2,424,818**
[13] A1
[51] Int.Cl. 7B65B 25/14 7B65B 5/10
[25] EN
[54] APPARATUS AND METHOD FOR
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OBJECTS
[54] APPAREIL ET PROCEDE DE
CHARGEMENT D'UN CONTENANT
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[72] HARDT, BODO, GB
[72] WILSON, JAMES, GB
[71] PROJECT SUPPORT ENGINEERING
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[54] **COMPOSITION RETARDANT LE GRILLAGE**
[54] **SCORCH-DELAYING COMPOSITION**
[72] KERVENNAL, JACQUES, FR
[72] GUERRET, OLIVIER, FR
[72] DEBAUD, FABIEN, FR
[72] DEFRANCISCI, ALFREDO, FR
[71] ATOFINA, FR
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[86] 2001-09-28 (PCT/FR2001/003010)
[87] 2002-04-11 (WO2002/028950)
[30] FR (00/12581) 2000-10-03

[21] **2,424,823**
[13] A1

[51] **Int.Cl. 7A61K 35/56 7A61P 35/00 7A61K 38/17**
[25] EN
[54] **TREATMENT OF CANCERS BY APLIDINE IN CONJUNCTION WITH A MYOPROTECTOR**
[54] **TRAITEMENT DE CANCERS**
[72] FERNANDEZ SOUSA, JOSE MARIA, ES
[72] LOPEZ LAZARO, LUIS, ES
[72] RAYMOND, ERIC, FR
[72] ARMAND, JEAN-PIERRE, FR
[71] PHARMA MAR, S.A., ES
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[54] **X-RAY GENERATING MECHANISM USING ELECTRON FIELD EMISSION CATHODE**
[54] **MECANISME DE GENERATION DE RAYONS X AU MOYEN D'UNE CATHODE A EMISSION ELECTRONIQUE PAR EFFET DE CHAMP**
[72] LU, JIANPING, US
[72] ZHOU, OTTO Z., US
[71] THE UNIVERSITY OF NORTH CAROLINA - CHAPEL HILL, US
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[51] **Int.Cl. 7C22C 1/02 7C22C 21/02**
[25] FR
[54] **ELABORATION D'ALLIAGES DE TYPE ALUMINIUM-SILICIUM**
[54] **PREPARING ALUMINIUM-SILICON ALLOYS**
[72] MARGARIA, THOMAS, FR
[71] INVENSIL, FR
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[54] **DIRECTIONAL MICROPHONE ASSEMBLY**
[54] **ENSEMBLE MICROPHONE DIRECTIONNEL**
[72] KILLION, MEAD C., US
[72] FRENCH, JOHN S., US
[72] MONROE, TIMOTHY S., US
[72] DRAMBAREAN, VIOREL, US
[72] SCHULEIN, ROBERT B., US
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[71] ETYMOTIC RESEARCH, INC., US
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[25] EN
[54] **NON-REDIRECTIVE GATING CRASH CUSHION APPARATUS FOR MOVABLE, PERMANENT AND PORTABLE ROADWAY BARRIERS**
[54] **DISPOSITIF D'ABSORPTION D'IMPACTS POUR BARRIERES ROUTIERES MOBILES, PERMANENTES ET TRANSPORTABLES**
[72] DUCKETT, JOHN W., US
[71] BARRIER SYSTEMS, INC., US
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[30] US (09/684,111) 2000-10-06

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[54] **COMPOSITION OF VITAMIN C AND/OR VITAMIN A**
[54] **COMPOSITION DE VITAMINE C ET/OU DE VITAMINE A**
[72] LADISLAS, ROBERT, FR
[72] ROBERT, ALEXANDER MICHEL, FR
[72] GESZTESI, JEAN-LUC, BR
[72] ROBERT, CATHERINE SYLVIE, FR
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[51] **Int.Cl. 7D06M 15/643**
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[54] **TRAITEMENT DE MATIERES TEXTILES AVEC DES POLYORGANOSILOXANES**
[54] **TREATING TEXTILE MATERIALS WITH POLYORGANOSILOXANES**
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[72] CHARDON, JOSETTE, FR
[71] RHODIA CHIMIE, FR
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[51] **Int.Cl. 7A61K 39/21**
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[54] **PHARMACEUTICAL COMPOSITION FOR IMMUNISATION AGAINST AIDS**
[54] **COMPOSITION PHARMACEUTIQUE POUR L'IMMUNISATION CONTRE LE SIDA**
[72] HAENSLER, JEAN, FR
[72] DALENCON, FRANCOIS, FR
[71] AVENTIS PASTEUR, FR
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[30] FR (00/12808) 2000-10-06

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[54] **CARBAMATE FUNCTIONAL POLYMERS AND OLIGOMERS**
[54] **POLYMERES ET/OU OLIGOMERES FONCTIONNELS DE CARBAMATE**
[72] OHRBOM, WALTER, US
[72] REHFUSS, JOHN, US
[71] BASF CORPORATION, US
[85] 2003-04-01
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[13] A1

[51] **Int.Cl. 7C09C 1/00 7C09C 3/00**
[25] EN
[54] **EFFECT PIGMENTS WITH IMPROVED COLORANT ADHESION**
[54] **PIGMENTS A EFFET A ADHESION DE COLORANT AMELIOREE**
[72] CACACE, DEBORAH, US
[72] FULLER, DANIEL S., US
[71] ENGELHARD CORPORATION, US
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[21] **2,424,854**
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[51] **Int.Cl. 7A61M 1/36 7B04B 5/04**
[25] EN
[54] **MULTIPLE PROCESSING CHAMBER SET AND USE THEREOF**
[54] **CHAMBRE DE TRAITEMENT MULTIPLE ET SON UTILISATION**
[72] JORGENSEN, GLEN, US
[72] ROSIELLO, KEITH, US
[71] ZYMEQUEST, INC., US
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[21] **2,424,863**
[13] A1

[51] **Int.Cl. 7A61K 9/00**
[25] EN
[54] **VACCINE COMPOSITION AND STABILISATION METHOD**
[54] **COMPOSITION VACCINALE ET PROCEDE DE STABILISATION**
[72] FRANCON, ALAIN, FR
[72] NOEL, CATHERINE, FR
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[30] FR (00/12805) 2000-10-06

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[51] **Int.Cl. 7A61K 35/78 7A61P 31/14**
[25] EN
[54] **PHYLLANTHUS-DERIVED COMPOUNDS FOR THE PREVENTION AND/OR TREATMENT OF DISEASES ASSOCIATED WITH A RETROVIRUS**
[54] **COMPOSES DERIVES DE PHYLLANTHUS UTILISES DANS LA PREVENTION ET/OU LE TRAITEMENT DES MALADIES ASSOCIEES A UN RETROVIRUS**
[72] WAGNER, RALF, DE
[72] NOTKA, FRANK, DE
[71] CMI - CENTERS FOR MEDICAL INNOVATION AG, DE
[85] 2003-04-04
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[25] EN
[54] **AGENTS FOR PROMOTING THE PROLIFERATION OR DIFFERENTIATION OF STEM CELLS OR NEURAL PROGENITOR CELLS**
[54] **AGENTS FAVORISANT LA PROLIFERATION ET LA DIFFERENCIATION DE CELLULES SOUCHES ET/OU DE CELLULES PROGENITRICES NEURALES**
[72] OKURA, MASAHIRO, JP
[72] OKAWA, SHIGENORI, JP
[72] MIYAMOTO, MASAOMI, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
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[54] **RAMAN AMPLIFICATION**
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[72] FLUDGER, CHRISTOPHER, GB
[72] JOLLEY, NIGEL, GB
[71] NORTEL NETWORKS LIMITED, CA
[85] 2003-04-04
[86] 2001-10-04 (PCT/GB2001/004415)
[87] 2002-04-11 (WO2002/030017)
[30] GB (0024453.3) 2000-10-05

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[51] **Int.Cl. 7C09D 5/36 7B05D 5/06**
[25] EN
[54] **TWO LAYER COATING SYSTEM HAVING AN ENHANCED VISUAL EFFECT**
[54] **SYSTEME DE REVETEMENT BICOUCHE PRESENTANT UN EFFET VISUEL AMELIORE**
[72] JOHNSON, DANIEL, US
[71] BASF CORPORATION, US
[85] 2003-04-01
[86] 2001-10-10 (PCT/US2001/042648)
[87] 2002-06-27 (WO2002/050192)
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[51] **Int.Cl. 7C11D 3/22 7C11D 3/395**
[25] EN
[54] **CLEANING COMPOSITIONS CONTAINING CHITOSAN**
[54] **COMPOSITIONS DE LAVAGE CONTENANT DU CHITOSANE**
[72] MCKECHNIE, MALCOLM TOM, GB
[71] RECKITT BENCKISER (UK) LIMITED, GB
[85] 2003-04-04
[86] 2001-10-04 (PCT/GB2001/004417)
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[51] **Int.Cl. 7A61K 31/401 7A61P 3/06 7A61K 31/198 7A61K 31/375 7A61K 31/455**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR LOWERING PLASMA LIPOPROTEIN(A) AND RISK FACTORS OF CARDIOVASCULAR DISEASES**
[54] **COMPOSITIONS ET PROCEDES POUR REDUIRE LES TAUX DE LIPOPROTEINE (A) PLASMATIQUE ET LES FACTEURS DE RISQUE DE MALADIES CARDIO-VASCULAIRES**
[72] RATH, MATTHIAS, US
[71] RATH, MATTHIAS, US
[85] 2003-04-03
[86] 2001-10-03 (PCT/US2001/031203)
[87] 2002-04-11 (WO2002/028379)
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[54] **FOUL AIR ELIMINATOR**
[54] **DISPOSITIF D'ELIMINATION D'AIR VICIE**
[72] PARKHURST, STEPHEN L., US
[72] OSBORN, MOREY E., US
[71] SL PARKHURST CORPORATION, US
[85] 2003-04-02
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[51] **Int.Cl. 7A61K 7/13**
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[54] **NOVEL COUPLER FOR USE IN OXIDATIVE HAIR DYEING**
[54] **NOUVEAU COUPLEUR A UTILISER DANS LA COLORATION OXYDANTE DES CHEVEUX**
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[72] LIM, MU-III, US
[72] POPP, MARGARET, US
[71] P&G-CLAIROL, INC., US
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[51] **Int.Cl. 7C07C 317/00 7C07C 317/02 7A61K 31/10**
[25] EN
[54] **SUBSTITUTED (E)-STYRYL BENZYL SULFONES FOR TREATING PROLIFERATIVE DISORDERS**
[54] **(E)-STYRYL BENZYL SULFONES SUBSTITUES DESTINES AU TRAITEMENT DE TROUBLES A EVOLUTION CHRONIQUE**
[72] REDDY, E. PREMKUMAR, US
[72] REDDY, M. V. RAMANA, US
[71] TEMPLE UNIVERSITY OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US
[85] 2003-04-03
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[30] US (60/238,222) 2000-10-05

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[51] **Int.Cl. 7H05K 9/00**
[25] EN
[54] **METHODS OF MANUFACTURING A PRINTED CIRCUIT BOARD SHIELDED AGAINST INTERFERING RADIATION**
[54] **PROCEDES DE FABRICATION D'UNE CARTE DE CIRCUIT IMPRIME BLINDEE CONTRE LE RAYONNEMENT PERTURBATEUR**
[72] LEERKAMP, PETER, NL
[72] BLANKENBORG, STEPHANUS GERARDUS JOHANNES, NL
[71] STORK PRINTS B.V., NL
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[30] NL (1016354) 2000-10-06
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[51] **Int.Cl. 7B22D 41/00 7B22D 41/04**
[25] EN
[54] **METALLURGICAL VESSEL AND METHOD FOR PRODUCING THE SAME**
[54] **RECIPIENT METALLURGIQUE ET SON PROCEDE DE PRODUCTION**
[72] TANIYAN, SAIT, DE
[72] KLEINJAN, OLAF, DE
[72] DIVJAK, FRANZ-JOSEF, DE
[72] ASMUS, NORBERT, DE
[72] GOHRES, HANS-WERNER, DE
[71] MANNESMANNROHREN-WERKE AG, DE
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[51] **Int.Cl. 7H05H 1/44 7H05H 1/24**
[25] FR
[54] **PROCEDE DE TRAITEMENT PAR PLASMA ATMOSPHERIQUE DE MATERIAUX CONDUCTEURS D'ELECTRICITE ET DISPOSITIF POUR SA MISE EN OEUVRE**
[54] **ATMOSPHERIC PLASMA METHOD FOR TREATING SHEET ELECTRICITY CONDUCTING MATERIALS AND DEVICE THEREFOR**
[72] KOULIK, PAVEL, FR
[72] SAITCHENKO, ANATOLII, FR
[72] MUSIN, NAIL, FR
[71] APIT CORP. S.A., CH
[85] 2003-04-01
[86] 2001-11-12 (PCT/IB2001/002121)
[87] 2002-05-16 (WO2002/039791)
[30] EP (00811065.2) 2000-11-10

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[13] A1
[51] **Int.Cl. 7A61L 15/62 7A61F 13/15**
[25] EN
[54] **DISPERSIBLE ABSORBENT PRODUCTS, THEIR MANUFACTURE AND USE**
[54] **PRODUITS ABSORBANTS DISPERSIBLES, PROCEDES DE FABRICATION ET UTILISATION**
[72] HORNEY, JAMES CAMERON, US
[72] GROSS, SARAH BETH, US
[72] O'DONNELL, HUGH JOSEPH, US
[72] MIDKIFF, MARK DAWSON, US
[72] NODA, ISAO, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[30] US (09/711,475) 2000-11-13
[30] US (09/838,779) 2001-04-20

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[13] A1
[51] **Int.Cl. 7C08J 3/24 7C08K 5/00 7C08K 5/01 7C08K 5/14 7C08K 5/16 7C08L 23/16**
[25] FR
[54] **COMPOSITION COMPRENANT UN NITROXYDE, UN PROMOTEUR ET EVENTUELLEMENT UN INITIATEUR DE RADICAUX LIBRES**
[54] **COMPOSITION COMPRISING A NITROXIDE, A PROMOTER AND OPTIONALLY A FREE RADICAL INITIATOR**
[72] KERVENNAL, JACQUES, FR
[72] GUERRET, OLIVIER, FR
[72] DEFRANCISCI, ALFREDO, FR
[72] DEBAUD, FABIEN, FR
[71] ATOFINA, FR
[85] 2003-04-01
[86] 2001-09-28 (PCT/FR2001/003011)
[87] 2002-04-11 (WO2002/028946)
[30] FR (00/12580) 2000-10-03

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[13] A1
[51] **Int.Cl. 7C30B 7/00 7C30B 30/08 7G01N 23/20**
[25] EN
[54] **APPARATUS AND METHOD FOR IDENTIFICATION OF CRYSTALS BY IN-SITU X-RAY DIFFRACTION**
[54] **APPAREIL ET PROCEDE D'IDENTIFICATION DE CRISTAUX PAR DIFFRACTION DE RAYONS X IN-SITU**
[72] NEWMAN, JANET, US
[72] FORTELLE, ERIC DE LA, US
[71] STRUCTURAL GENOMIX, INC., US
[85] 2003-04-01
[86] 2001-10-18 (PCT/US2001/049672)
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[30] US (60/242,034) 2000-10-19

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[13] A1
[51] **Int.Cl. 7A47J 37/00 7F24B 3/00 7F25D 23/12**
[25] EN
[54] **PORTABLE BARBECUE GRILL AND THERMAL CHEST**
[54] **BARBECUE PORTABLE ET CAISSE THERMIQUE**
[72] WILLIAMS, BEN, US
[72] MCNAIR, JOHN DUNCAN, CN
[72] MORGAN, BRUCE JOHN, CN
[72] CONDON, JEFF, US
[72] MATUSAITIS, TOMAS, US
[71] W.C. BRADLEY COMPANY, US
[85] 2003-04-01
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[30] US (60/311,652) 2001-08-10

[21] **2,424,916**
[13] A1
[51] **Int.Cl. 7C07D 213/38 7C07D 213/61**
[25] EN
[54] **NOVEL SYNTHESIS OF HETEROARYLAMINE INTERMEDIATE COMPOUNDS**
[54] **NOUVELLE SYNTHESE DE COMPOSES INTERMEDIAIRES A BASE D'HETEROARYLAMINE**
[72] YEE, NATHAN K., US
[72] KAPADIA, SURESH R., US
[72] SONG, JINHUA J., US
[71] BOEHRINGER INGELHEIM PHARMACEUTICALS, INC., US
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[87] 2001-11-29 (WO2001/090072)
[30] US (60/206,327) 2000-05-23

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[13] A1

[51] **Int.Cl. 7C23C 14/08 7C03C 17/00 7C23C 18/12**

[25] EN

[54] **MAGNETIC TRANSPARENT CONDUCTING OXIDE FILM AND METHOD OF MAKING**

[54] **FILM D'OXYDE MAGNETIQUE CONDUCTEUR TRANSPARENT ET PROCEDE DE FABRICATION**

[72] WINDISCH, CHARLES F., JR., US

[72] SHARMA, SHIV K., US

[72] EXARHOS, GREGORY J., US

[71] BATTELLE MEMORIAL INSTITUTE, US

[85] 2003-04-02

[86] 2001-10-05 (PCT/US2001/031345)

[87] 2002-04-11 (WO2002/029449)

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[13] A1

[51] **Int.Cl. 7A61K 35/78**

[25] EN

[54] **METHOD FOR PRODUCING PHYLLANTHUS EXTRACTS**

[54] **PROCEDE DE PRODUCTION D'EXTRAITS DE PHYLLANTHUS**

[72] TITTEL, GEROLF, DE

[72] WAGNER, HILDEBERT K. M., DE

[72] KREUTER, MATTHIAS-HEINRICH, CH

[71] CMI-CENTERS FOR MEDICAL INNOVATION AG, DE

[85] 2003-04-04

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[87] 2003-04-04 (WO2002/030436)

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[21] **2,424,942**
[13] A1

[51] **Int.Cl. 7C08L 23/04 7C08L 23/16 7C08J 5/18**

[25] EN

[54] **POLYETHYLENE BLENDS AND FILMS**

[54] **MELANGES ET FILMS DE POLYETHYLENE**

[72] IMFELD, STEPHEN M., US

[72] CRIBBS, LEONARD V., US

[72] WILLIAMS, KELLY L., US

[72] CHANDRASHEKAR, VENKI, US

[71] EQUICSTAR CHEMICALS, LP, US

[85] 2003-04-02

[86] 2001-10-09 (PCT/US2001/042566)

[87] 2002-07-18 (WO2002/055600)

[30] US (09/688,314) 2000-10-13

[21] **2,424,952**
[13] A1

[51] **Int.Cl. 7C12N 15/31 7A61K 48/00 7C07K 19/00 7A61K 39/02 7A01K 67/027 7C07K 16/12 7C07K 14/195 7C12N 1/21 7A61K 39/40 7G01N 33/569 7C12N 15/62 7C12Q 1/68 7C12N 15/74**

[25] FR

[54] **LISTERIA INNOCUA, GENOME ET APPLICATIONS**

[54] **LISTERIA INOCUA, GENOME AND APPLICATIONS**

[72] KUNST, FREDERIK, FR

[72] GLASER, PHILIPPE, FR

[71] INSTITUT PASTEUR, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS, FR

[85] 2003-04-02

[86] 2001-10-04 (PCT/FR2001/003061)

[87] 2002-04-11 (WO2002/028891)

[30] FR (00/12697) 2000-10-04

[21] **2,424,961**
[13] A1

[51] **Int.Cl. 7A61K 7/13**

[25] EN

[54] **NOVEL COUPLER FOR USE IN OXIDATIVE HAIR DYEING**

[54] **NOUVEL AGENT DE COUPLAGE DESTINE A ETRE UTILISE POUR LA COLORATION CAPILLAIRE**

[54] **OXYDANTE**

[72] LIM, MU-III, US

[72] PAN, YUH-GUO, US

[72] POPP, MARGARET, US

[71] P&G-CLAIROL, INC., US

[85] 2003-04-01

[86] 2001-11-16 (PCT/US2001/043764)

[87] 2002-05-23 (WO2002/039969)

[30] US (60/249,857) 2000-11-17

[21] **2,424,964**
[13] A1

[51] **Int.Cl. 7C07D 207/16 7A61P 43/00 7C07D 471/04 7C07D 513/04 7A61P 3/10 7C07D 401/12 7C07D 403/12 7C07D 405/12 7C07D 413/12 7C07D 417/12 7C07D 401/14 7C07D 403/14 7C07D 409/14 7C07D 413/14 7C07D 417/14 7A61K 31/401 7A61K 31/4025 7A61K 31/4035 7A61K 31/4178 7A61K 31/422 7A61K 31/423 7A61K 31/426 7A61K 31/427 7A61K 31/437 7A61K 31/4439 7A61K 31/454 7A61K 31/4545 7A61K 31/4709 7A61K 31/496 7A61K 31/497 7A61K 31/501 7A61K 31/506 7A61K 31/517 7A61K 31/5377**

[25] EN

[54] **NITROGEN-CONTAINING 5-MEMBERED RING COMPOUND**

[54] **COMPOSES AZOTES A NOYAU A CINQ ELEMENTS**

[72] MATSUMOTO, TAKESHI, JP

[72] YASUDA, KOSUKE, JP

[72] HIKOTA, MASATAKA, JP

[72] ARAKAWA, KENJI, JP

[72] KAWANAMI, SABURO, JP

[72] MORIMOTO, HIROSHI, JP

[71] TANABE SEIYAKU CO., LTD., JP

[85] 2003-04-03

[86] 2001-10-05 (PCT/JP2001/008802)

[87] 2002-04-18 (WO2002/030890)

[30] JP (2000-308528) 2000-10-06

[30] JP (2000-312562) 2000-10-12

[30] JP (2001-099251) 2001-03-30

[21] **2,424,978**
[13] A1

[51] **Int.Cl. 7G01S 5/14**

[25] EN

[54] **SYSTEM FOR DETERMINING THE POSITION OF AN OBJECT**

[54] **SYSTEME POUR DETERMINER LA POSITION D'UN OBJET**

[72] KOHLER, STEFAN, DE

[72] COURONNE, SYLVIE, DE

[72] GERHAUSER, HEINZ, DE

[72] BRETZ, INGMAR, DE

[72] VON DER GRUN, THOMAS, DE

[72] ROHMER, GUNTER, DE

[71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE

[85] 2003-04-03

[86] 2001-10-31 (PCT/EP2001/012646)

[87] 2003-04-03 (WO2002/039139)

[30] DE (100 55 289.7) 2000-11-08

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[21] **2,424,986**
[13] A1

[51] **Int.Cl. 7F21V 8/00**
[25] EN
[54] **FIBRE OPTIC LIGHT SYSTEM FOR HYDROPONICS**
[54] **SYSTEME D'ECLAIRAGE PAR FIBRE OPTIQUE POUR CULTURES HORS-SOL**
[72] ELSEGOOD, CHRISTOPHER, CA
[71] OPTIC FIBRE GROW INC., CA
[85] 2003-04-03
[86] 2001-10-03 (PCT/CA2001/001386)
[87] 2002-05-16 (WO2002/039015)
[30] US (60/237,184) 2000-10-03

[21] **2,424,988**
[13] A1

[51] **Int.Cl. 7G06F 11/10**
[25] EN
[54] **DATA INTEGRITY VERIFICATION MECHANISM**
[54] **MECANISME DE VERIFICATION D'INTEGRITE DE DONNEES**
[72] LOAIZA, JUAN, US
[72] LEE, JINGLING, US
[72] HU, WEI-MING, US
[71] ORACLE INTERNATIONAL CORPORATION, US
[85] 2003-04-02
[86] 2001-10-19 (PCT/US2001/049760)
[87] 2002-07-25 (WO2002/057918)
[30] US (60/241,959) 2000-10-19
[30] US (09/765,680) 2001-01-18

[21] **2,424,989**
[13] A1

[51] **Int.Cl. 7A61D 7/00 7B05B 1/00**
[25] EN
[54] **POUR-ON APPLICATION METHOD AND DEVICES**
[54] **PROCEDE ET DISPOSITIFS D'APPLICATION CUTANEE**
[72] LOWE, LIONEL BARRY, AU
[72] ROTHWELL, JAMES TERENCE, AU
[72] HACKET, KRISTINA CLARE, AU
[71] ELI LILLY AND COMPANY, US
[85] 2003-04-07
[86] 2001-10-30 (PCT/AU2001/001396)
[87] 2002-05-10 (WO2002/036041)
[30] AU (PR 1133) 2000-10-31

[21] **2,425,004**
[13] A1

[51] **Int.Cl. 7A61B 5/04**
[25] EN
[54] **PREDICTING AND DETECTING SEIZURE ONSETS**
[54] **CADRE PROBABILISTE UNIFIE DE PREDICTION ET DE DETECTION DE L'APPARITION DE CRISES DANS LE CERVEAU ET DISPOSITIF A THERAPIES MULTIPLES**
[72] LITT, BRIAN, US
[72] ECHAUZ, JAVIER RAMON, US
[72] ESTELLER, ROSANA, US
[72] VACHTSEVANOS, GEORGE JOHN, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2003-04-02
[86] 2001-10-19 (PCT/US2001/050046)
[87] 2002-08-01 (WO2002/058536)
[30] US (09/693,423) 2000-10-20

[21] **2,425,024**
[13] A1

[51] **Int.Cl. 7A61M 5/32**
[25] EN
[54] **HUBER NEEDLE WITH FOLDING SAFETY WINGS**
[54] **AIGUILLE HUBER DOTEE D'AILES PLIABLES DE SURETE**
[72] RAINES, KENNETH C., US
[71] B. BRAUN MEDICAL INC., US
[85] 2003-04-03
[86] 2001-08-20 (PCT/US2001/041783)
[87] 2002-04-18 (WO2002/030496)
[30] US (09/685,825) 2000-10-09

[21] **2,425,027**
[13] A1

[51] **Int.Cl. 7A61M 5/20 7A61M 5/28 7A61M 5/315**
[25] EN
[54] **WET/DRY AUTOMATIC INJECTOR ASSEMBLY**
[54] **ENSEMBLE D'INJECTION AUTOMATIQUE HUMIDE/SEC**
[72] HILL, ROBERT L., US
[72] WILMOT, JOHN G., US
[72] GRIFFITHS, STEVEN, US
[71] MERIDIAN MEDICAL TECHNOLOGIES, INC., US
[85] 2003-04-03
[86] 2001-10-10 (PCT/US2001/042593)
[87] 2002-04-18 (WO2002/030492)
[30] US (60/238,447) 2000-10-10

[21] **2,425,028**
[13] A1

[51] **Int.Cl. 7A61M 5/20 7A61M 5/28 7A61M 5/31**
[25] EN
[54] **WET/DRY AUTOMATIC INJECTOR ASSEMBLY**
[54] **ENSEMBLE D'INJECTION AUTOMATIQUE DE PRODUIT HUMIDE OU DE PRODUIT SEC**
[72] WHITTIER, JOHN, US
[72] WILMOT, JOHN G., US
[72] HILL, ROBERT L., US
[71] MERIDIAN MEDICAL TECHNOLOGIES, INC., US
[85] 2003-04-03
[86] 2001-10-10 (PCT/US2001/042594)
[87] 2002-04-18 (WO2002/030493)
[30] US (60/238,448) 2000-10-10

[21] **2,425,030**
[13] A1

[51] **Int.Cl. 7C09J 103/04 7B65D 27/00**
[25] EN
[54] **STARCH BASED ADHESIVE**
[54] **ADHESIFS A BASE D'AMIDON**
[72] DHRUVA, RAJAL, US
[72] WHALEY, JUDITH K., US
[72] SOLAREK, DANIEL B., US
[72] PELLEY, DENISE, US
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US
[85] 2003-04-02
[86] 2002-08-01 (PCT/US2002/024373)
[87] 2003-02-20 (WO2003/014245)
[30] US (09/922,089) 2001-08-03

[21] **2,425,034**
[13] A1

[51] **Int.Cl. 7G10L 19/00**
[25] EN
[54] **IMPROVED SPECTRAL PARAMETER SUBSTITUTION FOR THE FRAME ERROR CONCEALMENT IN A SPEECH DECODER**
[54] **SUBSTITUTION DE PARAMETRES SPECTRAUX AMELIOREE POUR MASQUAGE D'ERREURS DE TRAMES DANS UN DECODEUR VOCAL**
[72] MAKINEN, JARI, FI
[72] ROTOLA-PUKKILA, JANI, FI
[72] MIKKOLA, HANNU J., FI
[72] VAINIO, JANNE, FI
[71] NOKIA CORPORATION, FI
[85] 2003-04-04
[86] 2001-10-17 (PCT/IB2001/001950)
[87] 2002-05-02 (WO2002/035520)
[30] US (60/242,498) 2000-10-23

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[21] **2,425,038**
[13] A1

[51] **Int.Cl. 7H01M 8/04 7H01M 8/10**
[25] EN
[54] **OPERATING METHOD OF FUEL CELL AND POWER SUPPLY**
[54] **PROCEDE D'EXPLOITATION DE PILES A COMBUSTIBLE ET ALIMENTATION**
[72] NOMOTO, KAZUTOSHI, JP
[71] SONY CORPORATION, JP
[85] 2003-04-04
[86] 2002-06-27 (PCT/JP2002/006486)
[87] 2003-04-04 (WO2003/015203)
[30] JP (2001-239976) 2001-08-07

[21] **2,425,039**
[13] A1

[51] **Int.Cl. 7C08G 61/12 7C09K 11/06 7C07F 9/6568**
[25] EN
[54] **POLYMER CONTAINING 9-OXO-9-PHOSPHAFLUORENE-2,7-DIYL SKELETON IN BACKBONE AND PROCESS FOR PRODUCING THE SAME**
[54] **POLYMERE CONTENANT UN SQUELETTE 9-OXO-9-PHOSPHAFLUORENE-2,7-DIYLEDANS LA CHAINE PRINCIPALE ET PROCEDE DE PRODUCTION DE CE POLYMERE**
[72] MAKIOKA, YOSHIKAZU, JP
[72] HAYASHI, TERUYUKI, JP
[72] TANAKA, MASATO, JP
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP
[71] NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, JP
[85] 2003-04-03
[86] 2002-02-27 (PCT/JP2002/001774)
[87] 2003-04-03 (WO2002/072661)
[30] JP (2001-064202) 2001-03-08
[30] JP (2001-310029) 2001-10-05
[30] JP (2001-310030) 2001-10-05
[30] JP (2001-310031) 2001-10-05

[21] **2,425,044**
[13] A1

[51] **Int.Cl. 7C05F 17/02**
[25] EN
[54] **A COMPOSTING APPARATUS WITH INTERNAL TRANSPORT SYSTEM**
[54] **APPAREIL DE COMPOSTAGE MUNI D'UN SYSTEME DE TRANSPORT INTERIEUR**
[72] WATSON, JULIAN MARK, NZ
[72] WORTH, GILLIAN HELEN, NZ
[72] TAYLOR, MURRAY EDWARD, NZ
[72] ROBINSON, PETER WILLIAM, NZ
[71] WOOL RESEARCH ORGANISATION OF NEW ZEALAND (INC), NZ
[85] 2003-04-04
[86] 2001-08-23 (PCT/NZ2001/000171)
[87] 2002-02-28 (WO2002/016288)
[30] NZ (505829) 2000-08-23

[21] **2,425,063**
[13] A1

[51] **Int.Cl. 7C07B 39/00 7C07C 17/12 7C07C 41/22 7C07C 17/38 7C07C 17/383 7C07C 17/386**
[25] EN
[54] **OXIDATIVE HALOGENATION OF AROMATIC COMPOUND**
[54] **HALOGENATION OXYDATIVE DE COMPOSES AROMATIQUES**
[72] KATDARE, SUHAS PRABHAKAR, GB
[72] EARLE, MARTYN JOHN, GB
[71] THE QUEEN'S UNIVERSITY OF BELFAST, GB
[85] 2003-04-07
[86] 2001-10-05 (PCT/GB2001/004424)
[87] 2002-04-18 (WO2002/030852)
[30] GB (0024752.8) 2000-10-10

[21] **2,425,069**
[13] A1

[51] **Int.Cl. 7G02B 6/14**
[25] EN
[54] **GUIDED WAVE SPATIAL FILTER**
[54] **FILTRE SPATIAL A ONDE GUIDEE**
[72] WALKER, ROBERT GRAHAM, GB
[71] BOOKHAM TECHNOLOGY PLC, GB
[85] 2003-04-07
[86] 2001-10-08 (PCT/GB2001/004479)
[87] 2002-04-18 (WO2002/031587)
[30] GB (0024670.2) 2000-10-09

[21] **2,425,074**
[13] A1

[51] **Int.Cl. 7C11D 3/37**
[25] EN
[54] **CLEANER FOR CONTACT LENS**
[54] **DISPOSITIF DE NETTOYAGE POUR VERRE DE CONTACT**
[72] SALAMONE, JOSEPH C., US
[72] GROEMMINGER, SUZANNE F., US
[71] BAUSCH & LOMB, INCORPORATED, US
[85] 2003-04-07
[86] 2001-07-20 (PCT/US2001/023090)
[87] 2002-04-18 (WO2002/031097)
[30] US (09/684,191) 2000-10-06

[21] **2,425,075**
[13] A1

[51] **Int.Cl. 7G06F 19/00**
[25] EN
[54] **INTRA-OPERATIVE IMAGE-GUIDED NEUROSURGERY WITH AUGMENTED REALITY VISUALIZATION**
[54] **NEUROCHIRURGIE GUIDEE PAR IMAGERIE PEROPERATOIRE PERMETTANT D'OBTENIR UNE VISUALISATION ENRICHIE DE LA REALITE**
[72] SAUER, FRANK, US
[72] BANI-HASHEMI, ALI, US
[72] WENDT, MICHAEL, DE
[71] SIEMENS CORPORATE RESEARCH, INC., US
[85] 2003-04-03
[86] 2001-10-05 (PCT/US2001/042506)
[87] 2002-04-11 (WO2002/029700)
[30] US (60/238,253) 2000-10-05

[21] **2,425,084**
[13] A1

[51] **Int.Cl. 7A61B 13/00**
[25] EN
[54] **METHODS DEVICES AND SYSTEMS FOR DETECTING EYE DISEASE**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES DE DETECTION DE MALADIE DES YEUX**
[72] REFAELI, OMER, IL
[72] ALSTER, YAIR, IL
[72] AZMON, BARAK, IL
[71] NOTAL VISION INC., US
[85] 2003-04-07
[86] 2001-10-07 (PCT/IL2001/000933)
[87] 2002-04-11 (WO2002/028266)
[30] IL (138926) 2000-10-06
[30] US (09/781,548) 2001-02-13

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[21] **2,425,097**
[13] A1

[51] **Int.Cl. 7C07D 213/40 7A61P 3/06 7A61P 9/10 7C07D 277/28 7C07D 213/30 7C07D 277/30 7C07D 213/38 7C07D 277/40 7A61K 31/44 7A61K 31/4427 7C07D 213/56 7C07D 213/73 7C07D 213/81**
[25] EN
[54] **BENZAMIDE COMPOUNDS AS APO B SECRETION INHIBITORS**
[54] **COMPOSES A BASE DE BENZAMIDE, INHIBITEURS DES SECRETIONS D'APOLIPOPROTEINE B**
[72] NAKAMURA, HIDEKO, JP
[72] NAGAYOSHI, AKIRA, JP
[72] INOUE, YOSHIKAZU, JP
[72] MIKAMI, MASAFUMI, JP
[72] HINOUE, KAZUMASA, JP
[72] OHTAKE, HIROAKI, JP
[72] FURUKAWA, YOSHIRO, JP
[72] TERASAWA, TAKESHI, JP
[72] TAKASUGI, HISASHI, JP
[72] OHTSUBO, MAKOTO, JP
[71] FUJISAWA PHARMACEUTICALS CO., LTD., JP
[71] DAISO CO., LTD., JP
[85] 2003-04-07
[86] 2001-09-28 (PCT/JP2001/008581)
[87] 2002-04-11 (WO2002/028835)
[30] AU (PR0583) 2000-10-05
[30] AU (PR6666) 2001-07-27

[21] **2,425,114**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **CROSS-RETAIL STORE INDIVIDUALIZED PRICE DIFFERENTIAL NETWORK SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE SUR RESEAU DE COMPARAISON DE PRIX INDIVIDUALISEE ENTRE DES MAGASINS DE DETAIL**
[72] NEIFELD, RICHARD A., US
[71] CATALINA MARKETING INTERNATIONAL, INC., US
[85] 2003-04-03
[86] 2001-03-16 (PCT/US2001/005816)
[87] 2002-07-11 (WO2002/054324)
[30] US (09/750,709) 2001-01-02

[21] **2,425,117**
[13] A1

[51] **Int.Cl. 7A61K 31/553 7A61P 19/10 7C07D 267/16**
[25] EN
[54] **DIBENZOXAZEPINE ALPHA V INTEGRIN RECEPTOR ANTAGONIST**
[54] **ANTAGONISTE DU RECEPTEUR DE L'INTEGRINE DE LA DIBENZOXAZEPINE ALPHA V**
[72] PATANE, MICHAEL A., US
[71] MERCK & COMPANY, INC., US
[85] 2003-04-03
[86] 2001-10-19 (PCT/US2001/045499)
[87] 2002-05-23 (WO2002/040505)
[30] US (60/242,829) 2000-10-24

[21] **2,425,119**
[13] A1

[51] **Int.Cl. 7F16H 1/32 7F01B 9/02 7B62M 11/02 7F16H 21/18 7F16H 21/28 7F02B 75/32 7F16H 21/32 7F16H 21/34 7F16H 21/40**
[25] EN
[54] **POWER TRANSMISSION APPARATUS**
[54] **DISPOSITIF DE TRANSMISSION D'ENERGIE**
[72] BORTOLIN, PETER, AU
[71] BORTOLIN, PETER, AU
[85] 2003-04-07
[86] 2001-10-04 (PCT/AU2001/001245)
[87] 2002-04-11 (WO2002/029280)
[30] AU (PR 0582) 2000-10-06
[30] AU (PR 2497) 2001-01-12
[30] AU (PR 3032) 2001-02-12
[30] AU (PR 3159) 2001-02-19
[30] AU (PR 6469) 2001-07-20

[21] **2,425,121**
[13] A1

[51] **Int.Cl. 7C07C 59/305 7A61P 9/00 7A61K 31/075 7C07C 43/13 7A61K 31/19 7C07C 43/295 7C07D 309/32 7A61K 31/35 7C07C 59/68**
[25] EN
[54] **ETHER COMPOUNDS AND COMPOSITIONS FOR CHOLESTEROL MANAGEMENT AND RELATED USES**
[54] **COMPOSES D'ETHER ET COMPOSITIONS POUR LA GESTION DU CHOLESTEROL ET UTILISATIONS ASSOCIEES**
[72] DASSEUX, JEAN-LOUIS H., US
[72] ONICIU, CARMEN DANIELA, US
[71] ESPERION THERAPEUTICS INC., US
[85] 2003-04-07
[86] 2001-10-11 (PCT/US2001/031873)
[87] 2002-04-18 (WO2002/030863)
[30] US (60/239,482) 2000-10-11

[21] **2,425,122**
[13] A1

[51] **Int.Cl. 7A61N 1/18**
[25] EN
[54] **FORECASTING AND CONTROLLING NEUROLOGICAL DISTURBANCES**
[54] **PROCEDE ET APPAREIL ADAPTATIFS DE PREVISION ET SUPPRESSION DE TROUBLES NEUROLOGIQUES PAR LE BIAIS D'UNE REGULATION A PLUSIEURS NIVEAUX**
[72] VACHTSEVANOS, GEORGE JOHN, US
[72] ESTELLER, ROSANA, US
[72] LITT, BRIAN, US
[72] ECHAUZ, JAVIER RAMON, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2003-04-03
[86] 2001-12-11 (PCT/US2001/048035)
[87] 2002-06-27 (WO2002/049500)
[30] US (09/735,364) 2000-12-12

[21] **2,425,128**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 17/30**
[25] EN
[54] **LOGISTICS CHAIN MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE CHAINE LOGISTIQUE**
[72] WHITE, MICHAEL, AU
[71] EXAGO PTY LIMITED, AU
[85] 2003-04-07
[86] 2001-10-04 (PCT/AU2001/001241)
[87] 2002-04-11 (WO2002/029644)
[30] AU (PR 0531) 2000-10-05

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[21] **2,425,135**
[13] A1

[51] **Int.Cl. 7A61K 31/34 7C07D 405/10 7C07D 215/12 7C07D 307/34 7A61K 31/443 7A61K 31/4709 7C07D 307/52**
[25] EN
[54] **SYNTHESIS AND ANTIMICROBIAL ACTIVITY OF NOVEL DICATIONIC "REVERSED AMIDINES"**
[54] **SYNTHESE ET ACTIVITE ANTIMICROBIENNE DE NOUVELLES = DICATIONIQUES**
[72] STEPHENS, CHAD E., US
[72] PERFECT, JOHN R., US
[72] BOYKIN, DAVID, US
[72] TIDWELL, RICHARD R., US
[72] WILSON, W. DAVID, US
[71] UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[71] GEORGIA STATE UNIVERSITY, US
[71] DUKE UNIVERSITY, US
[85] 2003-04-03
[86] 2001-11-06 (PCT/US2001/047238)
[87] 2002-07-25 (WO2002/057224)
[30] US (60/246,244) 2000-11-06

[21] **2,425,136**
[13] A1

[51] **Int.Cl. 7A01N 57/20 7A01N 25/02 7A01N 25/30**
[25] EN
[54] **HERBICIDE COMPOSITION**
[54] **COMPOSITION HERBICIDE**
[72] KILLICK, ROBERT WILLIAM, AU
[72] KILLICK, ANDREW ROBERT, AU
[72] MORRISON, JOHN DAVID, AU
[72] WRIGLEY, PETER RONALD, AU
[72] JONES, PETER WILLIAM, AU
[71] VICTORIAN CHEMICALS INTERNATIONAL PTY LTD., AU
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[30] AU (PR 0831) 2000-10-17
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[54] **APPAREIL ET PROCEDE DE MANIEMENT DE CABLES**
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[72] IVAS, STANLEY, US
[72] MORAN, JOHN L. III, US
[71] MOTOROLA, INC., US
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[30] US (09/686,238) 2000-10-11

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[54] **LASER TREATMENT OF AGE RELATED BIOLOGICAL DISORDERS USING QUANTUM BIOLOGY CONCEPTS**
[54] **TRAITEMENT LASER DE TROUBLES BIOLOGIQUES ASSOCIES A L'AGE A L'AIDE DE CONCEPTS DE BIOLOGIQUE QUANTIQUE**
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[71] ZAWADA, ROBERT H., US
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[25] EN
[54] **WET/DRY AUTOMATIC INJECTOR ASSEMBLY**
[54] **ENSEMBLE D'INJECTION AUTOMATIQUE HUMIDE/SEC**
[72] HILL, ROBERT L., US
[72] GRIFFITHS, STEVEN, US
[72] WILMOT, JOHN G., US
[71] MERIDIAN MEDICAL TECHNOLOGIES, INC., US
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[54] **ADAPTOR CAP TROCAR ASSEMBLY**
[54] **JOINT POUR TROCART FIXE**
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[30] US (60/241,665) 2000-10-19

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[25] EN
[54] **REINFORCEMENT FOR EXPANDABLE COMPOSITIONS AND METHODS FOR USING THE REINFORCEMENT**
[54] **STRUCTURE DE RENFORT POUR COMPOSITIONS EXPANSIBLES ET SES PROCEDES D'UTILISATION**
[72] LUPINI, MICHAEL ALLEN, US
[72] FRANEY, DAVID, US
[71] ORBSEAL LLC, US
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[54] **RELEASE AGENT AND METHOD FOR PRODUCING SAME**
[54] **AGENT DE ANTI-ADHERENT ET SON PROCEDE DE PRODUCTION**
[72] ECKELMAN, DEANNA L., US
[72] SMALLEY, DOUGLAS S., US
[71] ASSOCIATED CHEMISTS, INC., US
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[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **A METHOD AND SYSTEM FOR IDENTIFYING BOTTLENECKS IN A SECURITIES PROCESSING SYSTEM**
[54] **PROCEDE ET SYSTEME D'IDENTIFICATION DE GOULOTS D'ETRANGLEMENT DANS UN SYSTEME DE TRAITEMENT DE TITRES**
[72] YAN, WENDY, US
[72] LOBEL, SCOTT M., US
[72] ORTMAN, ROY T., US
[72] BEACHAM, MICHAEL L., US
[71] ACCENTURE LLP., US
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[51] **Int.Cl. 7G06F 17/21**
[25] EN
[54] **METHODS AND SYSTEMS FOR PROVIDING CONTROLLABLE ACCESS TO INFORMATION CONTAINED IN REPOSITORIES**
[54] **PROCEDES ET SYSTEMES DE FOURNITURE D'ACCES A DES INFORMATIONS CONTENUE DANS DES ORGANES D'ARCHIVAGE**
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[72] APPLEWHITE, JARRATT, US
[71] SAMBA, US
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[54] **DISTRIBUTION ECM ET EMM POUR CONTENU MULTIMEDIA MULTIDESTINATAIRE**
[72] PETERKA, PETR, US
[72] SPRUNK, ERIC, US
[72] MORONEY, PAUL, US
[72] MEDVINSKY, ALEXANDER, US
[71] GENERAL INSTRUMENT CORPORATION, US
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[51] **Int.Cl. 7A63C 5/14**
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[54] **SKI AND METHOD OF MANUFACTURING THE SKI**
[54] **SKI ET SON PROCEDE DE FABRICATION**
[72] SODERBERG, MARK S., US
[72] TURNER, PETER, US
[72] BURN, ROBERT, US
[71] VOLANT SPORTS, LLC, US
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[51] **Int.Cl. 7F16J 15/00**
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[54] **SEALS FORMED FROM POLYMER LAMINATED METALLIC CONSTRUCTIONS**
[54] **DISPOSITIFS D'ETANCHEITE FORMES DE STRUCTURES METALLIQUES A REVETEMENT POLYMERE**
[72] KOSTY, JOHN W., US
[72] LENHERT, JON M., US
[72] MACISAAC, MICHAEL A., US
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[13] A1
[51] **Int.Cl. 7G09B 19/00**
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[54] **METHOD AND SYSTEM FOR KNOWLEDGE ASSESSMENT AND LEARNING**
[54] **SYSTEME D'EVALUATION DES CONNAISSANCES ET D'APPRENTISSAGE**
[72] BRUNO, JAMES E., US
[72] SCHIEDEL, LEN, US
[72] SMITH, CHARLES J., US
[72] SERLING, BOB, US
[72] BLANK, ARTHUR, US
[71] BRUNO, JAMES E., US
[71] SCHIEDEL, LEN, US
[71] SMITH, CHARLES J., US
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[25] EN
[54] **SYSTEM AND METHOD FOR WITHDRAWING PERMEATE THROUGH A FILTER AND FOR CLEANING THE FILTER IN SITU**
[54] **SYSTEME ET PROCEDE PERMETTANT DE RETIRER UN PERMEAT PAR L'INTERMEDIAIRE D'UN FILTRE ET DE NETTOYER LE FILTRE IN SITU**
[72] DEL VECCHIO, MICHAEL ARTHUR, US
[72] SUTTON, PAUL MATTHEW, US
[72] LOUDON, ROBERT EBEN, US
[71] ENVIROGEN, INC., US
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[54] **BENZIMIDAZOLE AND INDOLE DERIVATIVES AS CRF RECEPTOR MODULATORS**
[54] **DERIVES DE BENZIMIDAZOLE ET D'INDOLE EN TANT QUE MODULATEURS DES RECEPTEURS DE LA CORTICOLIBERINE**
[72] YOON, TAEYOUNG, US
[72] GE, PING, US
[72] DE LOMBAERT, STEPHANE, US
[72] HORVATH, RAYMOND F., US
[71] NEUROGEN CORPORATION, US
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[54] **RADIO FREQUENCY IDENTIFICATION METHOD AND SYSTEM OF DISTRIBUTING PRODUCTS**
[54] **PROCEDE D'IDENTIFICATION PAR RADIOFREQUENCE ET SYSTEME DE DISTRIBUTION DE PRODUITS**
[72] LINTON, WILLIAM A., US
[72] DEARING, MICHAEL P., US
[72] KRUEGER, JULIA E., US
[72] LINTON, JOHN, US
[71] PROMEGA CORPORATION, US
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[30] US (60/241,907) 2000-10-20

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[51] **Int.Cl. 7A61K 45/06 7A61P 35/00 7A61K 38/13 7A61K 31/165 7A61K 38/21 7A61K 39/395**

[25] EN
[54] **A METHOD TO INCORPORATE N-(4-HYDROXYPHENYL) RETINAMIDE IN LIPOSOMES**
[54] **PROCEDE SERVANT A INCORPORER DU N-(4-HYDROXYPHENYL) RETINAMIDE DANS DES LIPOSOMES**
[72] LIM, SOO-JEONG, KR
[72] TARI, ANA MARIA, US
[72] LOPEZ-BERESTEIN, GABRIEL, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
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[30] US (60/241,445) 2000-10-17

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[51] **Int.Cl. 7B60N 3/10**

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[54] **CUP HOLDER HAVING A VERTICALLY ORIENTED DRAWER**
[54] **PORTE-GOBELET A TIROIR ORIENTE VERTICALEMENT**
[72] JANKOWSKI, IRENEUSZ, CA
[71] COLLINS & AIKMAN PLASTICS, INC., US
[85] 2003-04-04
[86] 2001-10-03 (PCT/US2001/031151)
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[30] US (09/684,709) 2000-10-06

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[51] **Int.Cl. 7G02B 6/293**

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[54] **BIT-RATE AND FORMAT INSENSITIVE ALL-OPTICAL CIRCUIT FOR RESHAPING, REGENERATION AND RETIMING OF OPTICAL PULSE STREAMS**
[54] **CIRCUIT TOUT-OPTIQUE INSENSIBLE AU DEBIT BINAIRE ET AU FORMAT POUR LA REMISE EN FORME, LA REGENERATION ET LE REAJUSTEMENT DU RYTHME DE TRAINS D'IMPULSIONS OPTIQUES**
[72] KIM, KWANG, US
[72] ENGIN, DORUK, US
[72] DAVE, BHARAT, US
[72] SARATHY, JITHAMITHRA, US
[72] THAI, TAN, US
[72] ANTOSIK, ROMAN, US
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[72] STEFANOV, BORIS, US
[72] LIDSKY, DAVID B., US
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[54] **TUMOR PROLIFERATION INHIBITORS**
[54] **INHIBITEURS DE PROLIFERATION TUMORALE**
[72] BALASUBRAMANIAN, NEEKAKANTAN, US
[72] BEAULIEU, FRANCIS, CA
[72] RUEDIGER, EDWARD H., CA
[72] BACHAND, CAROL, CA
[72] MAHLER, MIKAEL, CA
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[25] EN
[54] **MANUFACTURING METHODS AND SYSTEMS FOR RAPID PRODUCTION OF HEARING-AID SHELLS**
[54] **PROCEDES ET SYSTEMES DE FABRICATION PERMETTANT UNE PRODUCTION RAPIDE DE COQUILLES DE PROTHESES AUDITIVES**
[72] FU, PING, US
[72] NEKHAYEV, DMITRY, US
[72] EDELSBRUNNER, HERBERT, US
[71] RAINDROP GEOMAGIC, INC., US
[85] 2003-04-04
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[51] **Int.Cl. 7A61K 31/409 7A61K 31/137 7A61K 31/435 7A61K 31/555**
[25] EN
[54] **COMPOSITION COMPRISING A CATALYST FOR THE DISMUTATION OF SUPEROXIDE AND USE OF THE COMPOSITION FOR PREVENTING AND TREATING HYPOTENSION**
[54] **COMPOSITION CONTENANT UN CATALYSEUR DE DISMUTATION DE SUPEROXYDE ET UTILISATION DE CETTE COMPOSITION DANS LA PREVENTION ET LE TRAITEMENT DE L'HYPOTENSION**
[72] SALVEMINI, DANIELA, US
[71] PHARMACIA CORPORATION, US
[85] 2003-04-04
[86] 2001-10-05 (PCT/US2001/042502)
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[30] US (60/238,315) 2000-10-05

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[51] **Int.Cl. 7B01D 69/06 7B01D 69/10 7B01D 69/12 7B01D 71/34 7B01D 71/68**
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[54] **LAMINATES OF ASYMMETRIC MEMBRANES**
[54] **LAMINES CONSTITUES DE MEMBRANES ASYMETRIQUES**
[72] LAMON, STEVEN, US
[72] DITTER, JEROME F., US
[72] MCDONOGH, RICHARD, US
[72] BENSON, TODD, US
[72] SARABIA, REY, US
[72] MORRIS, RICHARD, US
[72] WANG, I-FAN, US
[72] GAUGHAN, MIKE, US
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[86] 2001-09-24 (PCT/US2001/042262)
[87] 2002-05-02 (WO2002/034375)
[30] US (09/694,120) 2000-10-20
[30] US (09/694,106) 2000-10-20

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[13] A1
[51] **Int.Cl. 7A61N 2/02**
[25] EN
[54] **COIL FOR MAGNETIC STIMULATION**
[54] **BOBINE POUR LA STIMULATION MAGNETIQUE ET SES PROCEDES D'UTILISATION**
[72] WISE, ROY A., US
[72] HALLET, MARK, US
[72] ROTH, YIFTACH, IL
[72] ZANGEN, ABRAHAM, US
[72] MIRANDA, PEDRO C., PT
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2003-04-04
[86] 2001-10-19 (PCT/US2001/050737)
[87] 2002-04-25 (WO2002/032504)
[30] US (60/242,297) 2000-10-20

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[51] **Int.Cl. 7C07D 209/14 7A61P 35/00 7A61K 31/404**
[25] EN
[54] **DIINDOLYLMETHANE AND C-SUBSTITUTED DIINDOLYLMETHANE COMPOSITIONS AND METHODS FOR THE TREATMENT OF MULTIPLE CANCERS**
[54] **COMPOSITIONS DE DIINDOLYLMETHANE ET DE DIINDOLYLMETHANE C-SUBSTITUE ET PROCEDES DE TRAITEMENT DE CANCERS MULTIPLES**
[72] SAFE, STEPHEN S., US
[71] THE TEXAS A&M UNIVERSITY SYSTEM, US
[85] 2003-04-04
[86] 2001-10-05 (PCT/US2001/042519)
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[30] US (60/238,670) 2000-10-06
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[13] A1
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[25] EN
[54] **PYRROLIDINE MODULATORS OF CCR5 CHEMOKINE RECEPTOR ACTIVITY**
[54] **MODULATEURS A BASE DE PYRROLIDINE D'ACTIVITE DE RECEPTEUR DE CHIMIOKINES CCR5**
[72] HALE, JEFFREY J., US
[72] CHAPMAN, KEVIN T., US
[72] KIM, DOOSEOP, US
[72] SHEN, DONG-MING, US
[72] CALDWELL, CHARLES G., US
[72] MILLS, SANDER G., US
[72] WILLOUGHBY, CHRISTOPHER A., US
[72] LYNCH, CHRISTOPHER L., US
[72] GENTRY, AMY, US
[72] CHEN, LIYA, US
[72] MACCOSS, MALCOLM, US
[71] MERCK & CO., INC., US
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[87] 2002-05-02 (WO2002/034716)
[30] US (60/239,481) 2000-10-11

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[54] **SEALED BACK PRESSURE BREATHING DEVICE**
[54] **DISPOSITIF RESPIRATOIRE ETANCHE A CONTRE PRESSION**
[72] O'ROURKE, SAM, US
[71] O'ROURKE, SAM, US
[85] 2003-04-04
[86] 2001-10-24 (PCT/US2001/045478)
[87] 2002-05-02 (WO2002/034322)
[30] US (09/699,226) 2000-10-26

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[13] A1

[51] **Int.Cl. 7F24F 7/10 7F24F 13/072 7E04B 9/30**
[25] FR
[54] **DISPOSITIF DE CLIMATISATION**
[54] **AIR CONDITIONING DEVICE**
[72] TRIBOIX, ALAIN, FR
[71] RUHLMANN, JEAN-PHILIPPE, FR
[85] 2003-04-04
[86] 2001-10-08 (PCT/FR2001/003094)
[87] 2002-04-18 (WO2002/031414)
[30] FR (00/12898) 2000-10-09

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[51] **Int.Cl. 7A63F 9/00 7G07F 17/00 7A24F 15/04 7G07F 11/66**
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[54] **TOKEN DISPENSING GAME APPARATUS FOR YOUNG CHILDREN**
[54] **DISPOSITIF JOUET DISTRIBUTEUR D'ARTICLES POUR JEUNES ENFANTS**
[72] CHAMP, JEFF, US
[72] NAKAMOTO, GLEN, US
[71] MATTEL, INC., US
[85] 2003-04-07
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[54] **TOY DEVICE USING THROUGH-BODY COMMUNICATION**
[54] **ENSEMBLE JOUET FAISANT APPEL A LA COMMUNICATION A TRAVERS LE CORPS**
[72] GRZESEK, ROBERT, US
[71] MATTEL, INC., US
[85] 2003-04-07
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[30] US (09/791,014) 2001-02-22

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[51] **Int.Cl. 7B01D 65/08 7B01D 63/02**
[25] EN
[54] **FIBRE MEMBRANE ARRANGEMENT**
[54] **ENSEMBLE MEMBRANES DE FIBRES**
[72] PHELPS, ROGER, AU
[71] U.S. FILTER WASTEWATER GROUP, INC., US
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[86] 2001-10-22 (PCT/AU2001/001350)
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[30] AU (PR 0946) 2000-10-23

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[51] **Int.Cl. 7E05C 17/36 7B60J 5/04**
[25] EN
[54] **DOOR OR GATE RETAINER**
[54] **DISPOSITIF DE RETENUE POUR PORTE OU BARRIERE**
[72] LAHEY, THOMAS JAMES, CA
[71] LAHEY & SHARPE ENTERPRISES AND INVESTMENTS INC., CA
[85] 2003-04-02
[86] 2001-12-04 (PCT/CA2001/001737)
[87] 2002-07-11 (WO2002/053862)
[30] US (09/756,030) 2001-01-08

[21] **2,425,615**
[13] A1

[51] **Int.Cl. 7C07C 227/40 7C07C 229/28 7C07C 227/42**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF GABAPENTIN**
[54] **PROCEDE DE PREPARATION DE GABAPENTINE**
[72] CORCELLA, FRANCESCO, IT
[72] NICOLI, ANDREA, IT
[72] CANNATA, VINCENZO, IT
[71] ZAMBON GROUP S.P.A., IT
[85] 2003-04-07
[86] 2001-10-15 (PCT/EP2001/011867)
[87] 2002-05-02 (WO2002/034709)
[30] IT (MI2000A002285) 2000-10-23

[21] **2,425,633**
[13] A1

[51] **Int.Cl. 7B05B 11/00 7A61M 11/00**
[25] EN
[54] **ATOMIZER FOR LIQUIDS**
[54] **ATOMISEUR DESTINE A DES LIQUIDES**
[72] ASP, PETER, DE
[72] HETRICH, PATRICK, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2003-04-07
[86] 2001-10-20 (PCT/EP2001/012145)
[87] 2003-04-07 (WO2002/034411)
[30] DE (200 18 518.7) 2000-10-28

[21] **2,425,740**
[13] A1

[51] **Int.Cl. 7A61K 39/35 7A61K 48/00 7A61P 37/00**
[25] EN
[54] **MODULATION OF ALLERGIC RESPONSE**
[54] **MODULATION DE REPONSE ALLERGIQUE**
[72] MCCORMACK, STEPHEN J., US
[72] KUNDIG, THOMAS M., CH
[71] MANKIND CORPORATION, US
[71] UNIVERSITY OF ZURICH, CH
[85] 2003-04-04
[86] 2001-10-05 (PCT/US2001/031088)
[87] 2002-04-11 (WO2002/028429)
[30] US (60/237,724) 2000-10-05
[30] US (09/804,464) 2001-03-13

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[21] **2,425,903**

[13] A1

[51] **Int.Cl. 7G06K 9/62**
[25] EN
[54] **SCALEABLE OBJECT
RECOGNITION WITH A BELIEF
MODEL**
[54] **RECONNAISSANCE D'OBJETS
EVOLUTIVE UTILISANT UN MODELE
DE CROYANCES**
[72] BELLA, IVAN, US
[72] HOOD, CHRISTOPHER, US
[71] LOCKHEED MARTIN MISSION
SYSTEMS, US
[85] 2002-12-11
[86] 2001-06-18 (PCT/US2001/019446)
[87] 2001-12-20 (WO2001/097164)
[30] US (60/212,050) 2000-06-16

[21] **2,425,977**

[13] A1

[51] **Int.Cl. 7G06F 9/445**
[25] EN
[54] **REALTIME CONFIGURATION
UPDATES AND SOFTWARE
DISTRIBUTION TO ACTIVE CLIENT
POSITIONS**
[54] **MISES A JOUR DE
CONFIGURATIONS EN TEMPS REEL
ET DISTRIBUTION DE LOGICIELS A
DES EMPLACEMENTS CLIENTS
ACTIFS**
[72] SLUTZKY, JEFF, US
[72] RINGHOF, PAUL G., US
[72] PINERA, CARLOS V., US
[71] INTERNATIONAL BUSINESS
MACHINES CORPORATION, US
[85] 2003-04-02
[86] 2001-10-03 (PCT/GB2001/004383)
[87] 2002-04-25 (WO2002/033539)
[30] US (09/691,968) 2000-10-19

[21] **2,426,769**

[13] A1

[51] **Int.Cl. 7H04M 15/00 7H04M 11/00**
[25] EN
[54] **DISTRIBUTED WIRELESS
ONLINE ACCESS SYSTEM**
[54] **SYSTEME D'ACCES EN LIGNE
SANS FIL REPARTI**
[72] BOESJES, EIMAR M., US
[71] BOESJES, EIMAR M., US
[85] 2003-04-23
[86] 2001-11-16 (PCT/US2001/043465)
[87] 2002-05-23 (WO2002/041604)
[30] US (09/715,705) 2000-11-17

[21] **2,426,793**

[13] A1

[51] **Int.Cl. 7C12N 15/29 7A01H 5/00
7C12N 1/00 7A01H 5/10 7C07K 14/325**
[25] EN
[54] **GENES ENCODING NOVEL
PROTEINS WITH PESTICIDAL
ACTIVITY AGAINST COLEOPTERANS**
[54] **GENES CODANT DE NOUVELLES
PROTEINES A ACTIVITE PESTICIDE
CONTRE LES COLEOPTERES**
[72] SIMS, LYNNE E., US
[72] FENG, XIANG, US
[72] DUCK, NICHOLAS B., US
[72] FLANNAGAN, RONALD D., US
[72] ABAD, ANDRE R., US
[72] KAHN, THEODORE W., US
[71] E.I. DU PONT DE NEMOURS AND
COMPANY, US
[85] 2003-04-23
[86] 2001-10-24 (PCT/US2001/045468)
[87] 2002-05-02 (WO2002/034774)
[30] US (60/242,838) 2000-10-24
[30] US (10/032,717) 2001-10-23

[21] **2,426,517**

[13] A1

[51] **Int.Cl. 7G01N 33/573**
[25] EN
[54] **METHODS AND COMPOSITIONS
FOR GLYCOSIDASE ASSAYS**
[54] **PROCEDES ET COMPOSITIONS
UTILISES POUR DES DOSAGES DE
GLYCOSIDASE**
[72] PILLARISSETTI, SIVARAM, US
[72] SAXENA, UDAY, US
[72] WANG, DONGYAN, US
[71] REDDY US THERAPEUTICS, INC.,
US
[85] 2003-03-12
[86] 2001-09-14 (PCT/US2001/028862)
[87] 2002-03-21 (WO2002/023197)
[30] US (60/233,075) 2000-09-15

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[13] A1
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[25] FR
[54] **AMELIORATION AUX INSTRUMENTS A VENT**
[54] **IMPROVEMENT TO WIND INSTRUMENTS**
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[71] LOUIS, FRANCOIS, BE
[22] 2002-07-30
[43] 2003-02-02
[30] EP (01870170.6) 2001-08-02

[21] **2,409,733**
[13] A1
[51] **Int.Cl. 7H01R 24/00 7B60R 21/01 7B60R 21/16**
[25] EN
[54] **ORIENTATIONLESS SQUIB CONNECTOR ASSEMBLY**
[54] **CONNECTEUR D'AMORCE NON ORIENTE**
[72] RAHMAN, SHEIKH HABIBUR, US
[72] PARRISH, JEFFREY DAVID, US
[72] RHEIN, DAVID JAMES, US
[71] TYCO ELECTRONICS CORPORATION, US
[22] 2002-10-24
[43] 2003-04-25
[30] US (10/037,120) 2001-10-25

[21] **2,421,976**
[13] A1
[51] **Int.Cl. 7A61K 31/02 7A61P 11/06 7A61K 9/12 7A61K 9/72**
[25] EN
[54] **MEDICAMENTS**
[54] **MEDICAMENTS**
[72] TAYLOR, ANTHONY JAMES, GB
[72] WYATT, DAVID ANDREW, GB
[72] AKEHURST, RACHEL ANN, GB
[71] GLAXO GROUP LIMITED, GB
[22] 1992-12-04
[43] 1993-06-24
[62] 2,381,329
[30] GB (9126405.1) 1991-12-12
[30] GB (9202522.0) 1992-02-06

[21] **2,422,111**
[13] A1
[51] **Int.Cl. 7A61H 9/00 7A61H 7/00 7A61M 1/00 7A61M 35/00**
[25] EN
[54] **AN APPARATUS FOR VARIABLE MICROABRASION OF HUMAN TISSUE AND/OR HIDES**
[54] **DISPOSITIF DE MICRO-ABRASION VARIABLE DES TISSUS HUMAINS ET/OU DE CUIR**
[72] GREENBERG, RONALD ALLAN, AU
[71] GREENBERG, RONALD ALLAN, AU
[22] 2000-10-20
[43] 2001-04-26
[62] 2,416,996
[30] AU (PQ 3578) 1999-10-20
[30] AU (PQ 7874) 2000-06-01

[21] **2,423,891**
[13] A1
[51] **Int.Cl. 7C12N 15/44 7C12N 7/01 7C07K 14/11 7A61K 39/145**
[25] EN
[54] **NOVEL RECOMBINANT TEMPERATURE SENSITIVE MUTANTS OF INFLUENZA**
[54] **NOUVEAUX MUTANTS THERMOSENSIBLES RECOMBINES DE LA GRIPPE**
[72] COELINGH, KATHLEEN L., US
[72] PARKIN, NEIL T., US
[71] MEDIMMUNE VACCINES, INC., US
[22] 1996-06-03
[43] 1996-12-12
[62] 2,223,579
[30] US (08/462,388) 1995-06-05

[21] **2,423,920**
[13] A1
[51] **Int.Cl. 7C11D 3/39 7C11D 3/395**
[25] EN
[54] **AUTOMATIC DISHWASHING COMPOSITIONS COMPRISING COBALT CHELATED CATALYSTS**
[54] **COMPOSITIONS POUR LAVES-VAISSELLES AUTOMATIQUES COMPRENANT DES CATALYSEURS CHELATES AU COBALT**
[72] GETTY, EDWARD EUGENE, US
[72] SCHEPER, WILLIAM MICHAEL, US
[72] GOLDSTEIN, ALAN SCOTT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 1996-01-30
[43] 1996-08-08
[62] 2,211,864
[30] US (08/382,750) 1995-02-02

[21] **2,424,513**
[13] A1
[51] **Int.Cl. 7C09D 181/04 7C09D 5/03 7C09D 5/44**
[25] EN
[54] **PROCESS FOR CONTROLLING A PARTICLE SIZE OF POLYARYLENE SULFIDE AND POLYARYLENE SULFIDE THUS PRODUCED**
[54] **PROCEDE DE CONTROLE DE LA TAILLE DE PARTICULES DE SULFURE DE POLYARYLENE ET SULFURE DE POLYARYLENE AINSI OBTENU**
[72] KOMIYAMA, OSAMU, JP
[72] IMAI, YOICHI, JP
[72] ICHIKAWA, KAZUHIRO, JP
[71] DAINIPPON INK AND CHEMICALS, INCORPORATED, JP
[22] 1993-11-12
[43] 1994-05-13
[62] 2,103,004

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[21] **2,425,465**
[13] A1

[51] **Int.Cl. 7B29C 44/02 7B65D 81/00 7C08J 5/00**
[25] EN
[54] **BIODEGRADABLE MOLDED PACKING**
[54] **EMBALLAGE MOULE BIODEGRADABLE**
[72] REDD, RANDALL VANN, US
[72] SCHIEWETZ, DON BOYD, US
[71] ENVIRONMENTAL PACKING L.P., US
[22] 1996-08-23
[43] 1997-03-13
[62] 2,231,229
[30] US (08/525,329) 1995-09-08

[21] **2,425,483**
[13] A1

[51] **Int.Cl. 7G01N 33/52 7G01N 33/53 7G01N 21/76**
[25] EN
[54] **ASSAY METHOD UTILIZING INDUCED LUMINESCENCE**
[54] **METHODE DE DOSAGE FAISANT APPEL A LA LUMINESCENCE INDUITE**
[72] DANILOFF, YURI, US
[72] PEASE, JOHN S., US
[72] WAGNER, DANIEL B., US
[72] KIRAKOSSIAN, HRAIR, US
[72] ULLMAN, EDWIN F., US
[71] BEHRINGWERKE AKTIENGESELLSCHAFT, DE
[22] 1992-05-21
[43] 1992-11-23
[62] 2,069,145
[30] US (704,569) 1991-05-22
[30] US (718,490) 1991-06-20

[21] **2,425,934**
[13] A1

[51] **Int.Cl. 7H04B 15/00 7H04B 7/204 7H04Q 7/36**
[25] EN
[54] **A METHOD OF ADDING QUALITY OF SERVICE CAPABILITIES TO CSMA-CA BASED PROTOCOLS FOR THE PURPOSE OF ISOCHRONOUS COMMUNICATION AND COEXISTENCE OF MULTIPLE PHYSICAL LAYER MODULATION SCHEMES**
[54] **METHODE POUR DONNER DES CAPACITES DE QUALITE DE SERVICE (QOS) AUX PROTOCOLES AMDP-EC (CSMA-CA) POUR PERMETTRE LA COMMUNICATION ISOCHRONE ET LA CO-EXISTENCE DES SCHEMAS DE MODULATION ET DES COUCHES PHYSIQUES MULTIPLES**
[72] BAKER, MURRAY C., CA
[72] MCKAY, DANNY NEIL, CA
[72] SINHA, RUPAM, CA
[71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA
[22] 1998-07-14
[43] 2000-01-14
[62] 2,242,985
[30] CA (2,242,985) 1998-07-14

[21] **2,426,281**
[13] A1

[51] **Int.Cl. 7B24B 31/02**
[25] EN
[54] **BARREL-POLISHING APPARATUS**
[54] **APPAREIL DE POLISSAGE DE BARILS**
[72] KAWASAKI, SHUJI, JP
[71] KAWASAKI, SHUJI, JP
[22] 1998-12-09
[43] 1999-06-10
[62] 2,255,501
[30] JP (9-361905) 1997-12-10
[30] JP (10-61869) 1998-02-04
[30] JP (10-198037) 1998-06-28
[30] JP (10-260880) 1998-08-30
[30] JP (10-319598) 1998-11-10

[21] **2,426,293**
[13] A1

[51] **Int.Cl. 7G07D 5/08 7G01N 27/02**
[25] EN
[54] **COIN DISCRIMINATION APPARATUS AND METHOD**
[54] **PROCEDE ET APPAREIL DE SEPARATION DE PIECES DE MONNAIE**
[72] NEUBARTH, STUART K., US
[72] PHILLIPS, ALAN C., US
[72] GERRITY, DAN, US
[72] EVERHART, DANIEL, US
[72] WAECHTER, MARK, US
[71] COINSTAR, INC., US
[22] 1997-06-27
[43] 1998-01-08
[62] 2,259,234
[30] US (08/672,639) 1996-06-28
[30] US (08/807,046) 1997-02-24

[21] **2,426,309**
[13] A1

[51] **Int.Cl. 7G11B 20/10 7G11B 19/00 7H04N 5/76**
[25] EN
[54] **RECORDING MEDIUM FOR PROTECTING COPYRIGHTED DATA**
[54] **SUPPORT D'ENREGISTREMENT POUR LES DONNEES PROTEGER PAR LE DROIT D'AUTEUR**
[72] SAKAMOTO, ETSUROU, JP
[72] SUGIYAMA, KOICHI, JP
[71] SONY CORPORATION, JP
[22] 1995-12-19
[43] 1996-06-23
[62] 2,165,638
[30] JP (P06-336503) 1994-12-22
[30] JP (P07-019667) 1995-01-12

[21] **2,426,311**
[13] A1

[51] **Int.Cl. 7G11B 21/10 7G11B 19/00 7H04N 5/76**
[25] EN
[54] **RECORDING MEDIUM FOR PROTECTING COPYRIGHTED DATA**
[54] **SUPPORT D'ENREGISTREMENT POUR LES DONNEES PROTEGER PAR LE DROIT D'AUTEUR**
[72] SUGIYAMA, KOICHI, JP
[72] SAKAMOTO, ETSUROU, JP
[71] SONY CORPORATION, JP
[22] 1995-12-19
[43] 1996-06-23
[62] 2,165,638
[30] JP (P06-336503) 1994-12-22
[30] JP (P07-019667) 1995-01-12

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] **2,426,317**
[13] A1

[51] **Int.Cl. 7G11B 20/10 7G11B 19/00**
7H04N 5/76
[25] EN
[54] **RECORDING MEDIUM FOR PROTECTING COPYRIGHTED DATA**
[54] **SUPPORT D'ENREGISTREMENT POUR LES DONNEES PROTEGER PAR LE DROIT D'AUTEUR**
[72] SUGIYAMA, KOICHI, JP
[72] SAKAMOTO, ETSUROU, JP
[71] SONY CORPORATION, JP
[22] 1995-12-19
[43] 1996-06-23
[62] 2,165,638
[30] JP (P06-336503) 1994-12-22
[30] JP (P07-019667) 1995-01-12

[21] **2,426,322**
[13] A1

[51] **Int.Cl. 7G11B 20/10 7G11B 19/00**
7H04N 5/76
[25] EN
[54] **RECORDING MEDIUM FOR PROTECTING COPYRIGHTED DATA**
[54] **SUPPORT D'ENREGISTREMENT POUR LES DONNEES PROTEGER PAR LE DROIT D'AUTEUR**
[72] SAKAMOTO, ETSUROU, JP
[72] SUGIYAMA, KOICHI, JP
[71] SONY CORPORATION, JP
[22] 1995-12-19
[43] 1996-06-23
[62] 2,165,638
[30] JP (P06-336503) 1994-12-22
[30] JP (P07-019667) 1995-01-12

[21] **2,426,325**
[13] A1

[51] **Int.Cl. 7G11B 20/10 7G11B 19/00**
7H04N 5/76
[25] EN
[54] **RECORDING MEDIUM FOR PROTECTING COPYRIGHTED DATA**
[54] **SUPPORT D'ENREGISTREMENT POUR LES DONNEES PROTEGER PAR LE DROIT D'AUTEUR**
[72] SUGIYAMA, KOICHI, JP
[72] SAKAMOTO, ETSUROU, JP
[71] SONY CORPORATION, JP
[22] 1995-12-19
[43] 1996-06-23
[62] 2,165,638
[30] JP (P06-336503) 1994-12-22
[30] JP (P07-019667) 1995-01-12

[21] **2,426,336**
[13] A1

[51] **Int.Cl. 7E21B 29/06 7E21B 7/04**
[25] EN
[54] **METHOD FOR FORMING A WINDOW IN A TUBULAR AND APPARATUS FOR USE IN SAID METHOD**
[54] **PROCEDE DE FORMATION D'UNE OUVERTURE DANS UN TUBE ET APPAREIL A UTILISER DANS CE PROCEDE**
[72] BLIZZARD, WILLIAM A., JR., US
[72] HALFORD, HUBERT E., US
[72] LANGFORD, DALE E., US
[71] WEATHERFORD/LAMB, INC., US
[22] 1997-01-24
[43] 1997-07-31
[62] 2,242,341
[30] US (08/590,747) 1996-01-24

[21] **2,426,339**
[13] A1

[51] **Int.Cl. 7E21B 29/06 7E21B 7/04**
[25] EN
[54] **METHOD FOR FORMING A WINDOW IN A TUBULAR AND APPARATUS FOR USE IN SAID METHOD**
[54] **PROCEDE DE FORMATION D'UNE OUVERTURE DANS UN TUBE ET APPAREIL A UTILISER DANS CE PROCEDE**
[72] LANGFORD, DALE E., US
[72] HALFORD, HUBERT E., US
[72] BLIZZARD, WILLIAM A., JR., US
[71] WEATHERFORD/LAMB, INC., US
[22] 1997-01-24
[43] 1997-07-31
[62] 2,242,341
[30] US (08/590,747) 1996-01-24

[21] **2,426,411**
[13] A1

[51] **Int.Cl. 7G07D 5/00 7G07D 9/00**
7G07D 5/02
[25] EN
[54] **COIN DISCRIMINATION APPARATUS AND METHOD**
[54] **PROCEDE ET APPAREIL DE SEPARATION DE PIECES DE MONNAIE**
[72] BLUMBERG, ROBERT, US
[72] LEONARD, PAUL, US
[72] BERHO, RODRIGO, US
[72] EVERHART, DANIEL, US
[72] MARTIN, DOUG, US
[72] WAECHTER, MARK, US
[72] GERMANY, CHERYL, US
[71] COINSTAR, INC., US
[22] 1997-06-27
[43] 1998-01-08
[62] 2,259,234
[30] US (08/672,639) 1996-06-28
[30] US (08/807,046) 1997-02-24

[21] **2,427,272**
[13] A1

[51] **Int.Cl. 7A24D 1/00 7A24F 13/00**
7A24D 1/02
[25] EN
[54] **CIGARETTE SIDESTREAM SMOKE TREATMENT MATERIAL**
[54] **MATIERE DE TRAITEMENT DE LA FUMEE SECONDAIRE DE CIGARETTE**
[72] BECKER, E. ROBERT, US
[72] SNAIDR, STANISLAV M., CA
[72] BRACKMANN, WARREN A. (DECEASED), US
[72] BOWEN, LARRY, CA
[71] ROTHMANS, BENSON & HEDGES INC., CA
[22] 1999-04-16
[43] 1999-10-28
[62] 2,327,110
[30] US (09/061,222) 1998-04-16

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BAUM, MODRIS OLGERTS ALLEN	2,256,967	COTTEN, MATTHEW	2,012,311	GREEN, GUERRY E.	2,327,966
BAYER CORPORATION	2,093,885	COURT, NIGEL TIMOTHY	2,250,691	GRESALFI, NANCY	2,087,033
BEDARD, CLAUDE	2,287,640	CRAWFORD, MICHAEL K.	2,362,629	GRIER, LAURA ANN	2,173,603
BEMIS MANUFACTURING COMPANY	2,279,789	CRUZ, LOURDES J.	2,165,566	GRIPPO, JOSEPH FRANCIS	2,087,251
BEON TOP ENTERPRISES LTD.	2,368,894	DADE BEHRING MARBURG GMBH	2,047,142	GROTH, DALE W.	2,158,027
BERLINER, EDWARD FREDRICK	2,256,967	DAVIES, BRIAN WILLIAM	2,183,180	GUILLOUX, YANNICK	2,223,694
BERZIN, VEL	2,055,173	DEFILIPPI, LOUIS J.	2,133,980	GUNDJIAN, ARSHAVIR	2,163,083
BEUG, HARTMUT	2,012,311	DEGER, HANS-MATTHIAS	2,092,777	HACHEY, KATHLEEN A.	2,189,022
BILLITON SA LIMITED	2,244,600	DERR, JOHN DAVID	2,143,357	HALL, DAVID BARNETT	2,315,591
BIOSEARCH ITALIA S.P.A.	2,250,578	DILWORTH, BRID	2,183,180	HALL, JAMES A.	2,109,344
BIRNSTIEL, MAX L.	2,012,311	DIRKSING, WILLIAM PAUL	2,248,362	HALME, ARI	2,186,744
BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2,012,311	DOLAN, THOMAS FRANCIS	2,230,314	HASEGAWA, MAKI	2,275,230
BOELKE, TIM	2,108,794	DOW CORNING CORPORATION	2,083,014	HASSELBERG, STEPHEN C.	2,076,210
BOLLAG, WERNER	2,087,251	DOW GLOBAL TECHNOLOGIES INC.	2,173,603	HEDBLUM, THOMAS P.	2,189,022
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BRICHARD, VINCENT	2,223,694	DRESSER-RAND COMPANY	2,238,985	HERPERS, MARTINE MADELAINE	2,256,978
BRIGHT, MARK A.	2,222,812	DURDIK, ROY HERBERT	2,256,967	HILTUNEN, JYRKI	2,186,744
BTG INTERNATIONAL LIMITED	2,130,805	DYKERT, JOHN	2,165,566	HIRATA, TSUYOSHI	2,180,989
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		EKANAYAKE, V.G. SUNETRA	2,343,439	HOPKINS, CHRIS E.	2,165,566
		ELDER, MICHAEL J.	2,077,713	HOPP, THOMAS P.	1,341,433
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TAKEDA CHEMICAL INDUSTRIES, LTD.	2,066,094	WOOD, ANTHONY	2,288,910
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ACTV, INC.	2,420,668	AMISAR, SHAI	2,423,186	ASP, PETER	2,425,633
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ADAM, MAVIS DIANE	2,420,969	ANDERSEN, ERIK HEDEMANN	2,424,710	ASRAR, JAWED	2,424,028
ADENOMED B.V.	2,419,042	ANDERSEN, NIELS ERIK	2,424,489	ASRAR, JAWED	2,424,096
ADENOMED B.V.	2,420,066	ANDERSON DEVELOPMENT CO.	2,424,718	ASRAR, JAWED	2,424,253
ADOLPH, ROBERT A.	2,424,514	ANDERSON, KEVIN RAY	2,423,386	ASRAR, JAWED	2,424,272
ADVANCED BIO SURFACES, INC.	2,420,898	ANDERSON, RICHARD WAYNE	2,421,705	ASSIRELLI, EROS	2,418,803
ADVANCED LIFE SCIENCES INC.	2,418,479	ANDERSON, STEVEN A.	2,418,405	ASSOCIATED CHEMISTS, INC.	2,425,153
ADVANCED SENSOR TECHNOLOGIES	2,420,948	ANDERSON, THOMAS E.	2,420,942	ATOFINA	2,424,822
AEGIS METAL FRAMING LLC	2,423,807	ANDERSSON, SUSANNE	2,424,373	ATOFINA	2,424,912
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AHR, NICHOLAS ALBERT	2,418,723	ANGELO FAN BRACE LICENSING, L.L.C.	2,424,755	AVENTIS PASTEUR	2,424,863
AICOSS GMBH	2,424,139	ANORMED, INC.	2,421,796	AVENTIS PHARMA DEUTSCHLAND GMBH	2,424,273
AIR PRODUCTS AND CHEMICALS, INC.	2,420,337	ANTON, OCTAVIAN	2,424,589	AVENTIS PHARMACEUTICALS INC.	2,424,565
AIRBUS UK LIMITED	2,424,804	ANTONSSON, MARTIN	2,424,150	AVERKAMP, INGO	2,420,865
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		APIT CORP. S.A.	2,424,891	AZMON, BARAK	2,425,084
		APPLEWHITE, JARRATT	2,425,158	B. BRAUN MEDICAL INC.	2,425,024
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		APRILIS, INC.	2,424,366	BACALOGLU, RADU	2,418,713
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CYCLO-PHARM LTD.	2,423,186	DEMETRI, GEORGE DANIEL	2,424,470	FEDOROVICH	2,418,809
CYRIS, FRIEDRICH-WILHELM	2,421,289	DEMUNDA, JOHN W.	2,423,982	DUNLEAVEY, RUTH	2,418,416
CYTOMETRY APPLICATIONS,		DEMUTH, HANS-ULRICH	2,418,543	DUNN, JAMES M.	2,424,610
INC.	2,421,031	DEMUTH, HANS-ULRICH	2,424,475	DUPRE, THOMAS A.	2,423,762
DAAGE, MICHEL A.	2,418,511	DEO, FRANK P.	2,420,668	DURR ENVIRONMENTAL, INC.	2,423,911
DADALA, VIAYA KUMAR	2,424,363	DEROCHE, KENNETH G.	2,424,521	DURRANT, RICHARD C. E.	2,418,971
DAIICHI PHARMACEUTICAL		DETROIT DIESEL		DYER, PAUL NIGEL	
CO., LTD.	2,419,434	CORPORATION	2,424,564	(DECEASED)	2,420,337
DAISO CO., LTD.	2,425,097	DEULING, HENDRIKUS		E.I. DU PONT DE NEMOURS	
DALEBOUT, WILLIAM T.	2,418,635	HYACINTHUS	2,424,801	AND COMPANY	2,424,601
DALENCON, FRANCOIS	2,424,836	DEUTSCHE MONTAN		E.I. DU PONT DE NEMOURS	
DALEY, GEORGE, Q.	2,424,797	TECHNOLOGIE GMBH	2,421,289	AND COMPANY	2,426,793
DALFONZO, DANIEL	2,418,714	DEY, DEBENDRANATH	2,424,292	EARLE, MARTYN JOHN	2,425,063
DALSGAARD, KRISTIAN	2,423,983	DEYOUNG, DAVID H.	2,424,595	EASTMAN CHEMICAL	
DALTON, JAMES	2,420,279	DHRUVA, RAJAL	2,425,030	COMPANY	2,419,299
DANA CORPORATION	2,419,136	DI FLURI, ROSARIA MARIA	2,421,796	EASTMAN CHEMICAL	
DANA CORPORATION	2,423,514	DICK, CHARLES ALLAN	2,420,907	COMPANY	2,421,054
DANG, TUAN A.	2,424,269	DIDRIKSEN, ERIK JOHANNES	2,423,930	EATON CORPORATION	2,420,864
DARR, RICHARD C.	2,424,592	DIERKES, HERIBERT	2,424,341	E-BOOK SYSTEMS PTE. LTD.	2,424,219
DASSEUX, JEAN-LOUIS H.	2,425,121	DIMITRIJEVIC, SASA	2,424,470	E-BOOK SYSTEMS PTE. LTD.	2,424,302
DAVE, BHARAT	2,425,263	DINAMITE DIPHARMA (IN		ECHAUZ, JAVIER RAMON	2,425,004
DAVIS, BRETT A.	2,424,169	ABBREVIATED FORM		ECHAUZ, JAVIER RAMON	2,425,122
DAVIS, MARK ALAN	2,423,514	DIPHARMA S.P.A.)	2,424,278	ECKELMAN, DEANNA L.	2,425,153
DAWES, RICHARD	2,424,804	DINH, TAN THANH	2,423,819	ECOLAB INC.	2,424,186
DAWSON KING, JANET	2,424,282	DININNO, FRANK P.	2,424,726	EDELSBRUNNER, HERBERT	2,425,265
DAY, IAN EDWARD	2,419,839	DININNO, FRANK P.	2,424,729	EDELSTEIN, PETER	2,424,175
DAY, MICHAEL JOHN	2,424,681	DINSMORE, CHRISTOPHER J.	2,424,222	EDWARDS LIFESCIENCES	
DAY, ROBERT FRANCIS	2,423,792	DINTER, HARALD	2,424,598	CORPORATION	2,423,819
DBK ESPANA, S.A.	2,424,609	DIONEX CORPORATION	2,424,571	EDWARDS, STUART D.	2,424,175
DE ALBERTI, GIORDANO	2,419,814	DISCORDIA, ROBERT P.	2,424,280	EFUNDS CORPORATION	2,424,724
DE ALMEIDA, ALCINO		DITTER, JEROME F.	2,425,270	EGGENWEILER, HANS-	
RESENDE	2,424,137	DITTRICH-WENGENROTH,		MICHAEL	2,420,894
DE AMICIS, GIOVANNI		ELKE	2,424,540	EHRHARDT, CLAUS	2,424,282
BATTISTA	2,424,268	DIVJAK, FRANZ-JOSEF	2,424,886	EICKHOFF, DAVID JOSEPH	2,420,996
DE AMICIS, GIOVANNI		DODGSON, JOHN	2,424,498	EICKHOFF, DAVID JOSEPH	2,421,008
BATTISTA	2,424,445	DOHKE, NAOTAKA	2,419,292	EISAI CO., LTD.	2,418,490
DE ARAUJO BAMBIRRA,		DOI, TSUYOSHI	2,419,292	EKBERG, ANDERS	2,424,710
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DE BOER, ERIC JOHANNES		DOLBY LABORATORIES		ELANEX PHARMA (IOM) LTD.	2,418,531
MARIA	2,424,801	LICENSING		ELBERS, JORG-PETER	2,420,611
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DE LOMBAERT, STEPHANE	2,425,185	DONALDSON, JENNIFER	2,422,558	ELEMENT SIX (PTY) LTD.	2,424,163
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DEBAUD, FABIEN	2,424,822	DORITY, JOHN B.	2,419,140	ELI LILLY AND COMPANY	2,424,989
DEBAUD, FABIEN	2,424,912	DORLAC, JEROME P.	2,418,702	ELIDAN, JOSEF	2,418,692
DECERPRIT, JACQUES	2,424,684	DOSHI, RAJIV	2,418,719	ELLIOTT, CHARLES D.	2,418,953
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ENGEL, GABRIEL DAMON	2,420,081	FINN, SEAN P.	2,424,680	FURUMIYA, SHIGERU	2,424,008
ENGEL, GABRIEL DAMON	2,420,082	FISCH, MICHAEL H.	2,418,713	GAGE, JAMES R.	2,424,402
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ENGELHARD CORPORATION	2,424,181	FISHER, HOLGER	2,419,279	GALDERMA RESEARCH & DEVELOPMENT, SNC	2,418,895
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ENGELKE, ROBERT M.	2,419,150	FLANNAGAN, RONALD D.	2,426,793	GALIK, ALISON QUINN	2,424,232
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EPSTEIN, HARVEY	2,423,982	FLIPO, BERNARD	2,414,551	GARCIA DE CASTRO, ARCADIO	2,424,656
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ESPERION THERAPEUTICS INC.	2,425,121	FORDE, SEAN T.	2,424,306	GAUDE, NICOLAS	2,420,795
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EXXONMOBIL CHEMICAL PATENTS, INC.	2,424,370	FRANEY, DAVID	2,425,151	GEOLA TECHNOLOGIES LTD	2,424,329
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	2,418,511	FRANK, MANFRED JOHANNES	2,423,143	GEORGIA STATE UNIVERSITY	2,425,135
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E-Z-EM, INC.	2,424,587	FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2,424,978	GERONI, MARIA CRISTINA ROSA	2,424,116
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F. HOFFMANN-LA ROCHE AG	2,419,416	FREDERICK ENERGY PRODUCTS, LLC	2,418,341	GESZTESI, JEAN-LUC	2,424,830
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FALLER, HEIDE	2,420,905	FRIEDRICH, DANIEL	2,424,475	GIERTZ, HANS-JOSEF	2,421,289
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GROSS, SARAH BETH	2,424,902	HAUGEN, DAVID MICHAEL	2,421,712	HIRAYAMA, FUKUSHI	2,424,522
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HADAR, MENACHEM	2,424,750	HENNING, TIMOTHY P.	2,424,288	HORKOVICS-KOVATS, STEFAN	2,424,462
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HORUK, RICHARD	2,424,598	INTERNATIONAL BUSINESS	JMS CO., LTD.	2,424,406
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HOSSEINI, ABBAS	2,419,287	INTERNATIONAL BUSINESS	JOHANNES, ERIK P.	2,424,615
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HOUSE, ALLEN	2,418,693	CORPORATION	JOHANSEN, KRISTIAN	2,420,890
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LUO, CAIDIAN	2,424,699	MASUOKA, LORIANNE	2,424,749	MERCK & CO., INC.	2,424,689
LUO, CAIDIAN	2,424,744	MATERIAL SCIENCES		MERCK & CO., INC.	2,424,726
LUO, CAIDIAN	2,424,795	CORPORATION	2,418,955	MERCK & CO., INC.	2,424,729
LUPINI, MICHAEL ALLEN	2,425,151	MATIC, BRATISLAV	2,423,513	MERCK & CO., INC.	2,425,288
LUSTIG, KLEMENS	2,424,540	MATSUMOTO, TAKESHI	2,424,600	MERCK & COMPANY, INC.	2,425,117
LUU, BANG	2,424,207	MATSUMOTO, TAKESHI	2,424,964	MERCK PATENT	
LUUKKANEN, MATTI NESTORI	2,424,365	MATSUSHITA ELECTRIC		GESELLSCHAFT MIT	
LYCKE, NILS	2,423,983	CORPORATION OF		BESCHRAENKTER	
LYDALL, INC.	2,419,783	AMERICA	2,424,185	HAFTUNG	2,419,385
LYNCH, CHRISTOPHER L.	2,425,288	MATSUSHITA ELECTRIC		MERCK PATENT	
LYNCH, EDWARD	2,424,560	INDUSTRIAL CO., LTD.	2,419,109	GESELLSCHAFT MIT	
LYNCH, EDWARD	2,424,591	MATSUSHITA ELECTRIC		BESCHRANKTER	
MACCOSS, MALCOLM	2,425,288	INDUSTRIAL CO., LTD.	2,424,008	HAFTUNG	2,420,894
MACDONALD, JOHN GAVIN	2,424,264	MATSUZAKA, NAOHIDE	2,419,097	MERCK PATENT	
MACDOUGALL, FRANCIS	2,424,673	MATTEL, INC.	2,424,509	GESELLSCHAFT MIT	
MACHAJEWSKI, TIM	2,421,120	MATTEL, INC.	2,425,517	BESCHRANKTER	
MACISAAC, MICHAEL A.	2,425,163	MATTEL, INC.	2,425,518	HAFTUNG	2,424,684
MACKENZIE, PETER BORDEN	2,421,054	MATUSAITIS, TOMAS	2,424,909	MERCK SHARP & DOHME	
MACO PHARMA	2,418,947	MATZIG, CHRISTOPH	2,424,796	LIMITED	2,424,812
MADAN, HERBERT S.	2,424,654	MAURER, JOSEPH D.	2,418,814	MERIDIAN MEDICAL	
MADAN, HERBERT S.	2,424,675	MAY, CHRISTIAN	2,420,791	TECHNOLOGIES, INC.	2,425,027
MADAN, HERBERT S.	2,424,680	MAZUR, RICHARD A.	2,424,663		
MADDING, GARY D.	2,424,280	MBDA UK LIMITED	2,424,678		

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MERKLEY, DONALD J.	2,424,377	MOHAN, RAJU	2,424,598	MYATT, SCOTT	2,424,360
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MERKLEY, DONALD J.	2,424,744	MOHR, BERNHARD	2,420,938	MYSIAKINE, EVGUENI	2,418,946
MERKLEY, DONALD J.	2,424,795	MOLECULAR METALLURGY, INC.	2,424,030	NABOK, ALEXANDR ANDREEVICH	2,420,849
MERRILL, WILLIAM W.	2,424,226	MOLECULAR PROBES, INC.	2,424,300	NADIN, ALAN JOHN	2,424,812
MESSER GRIESHEIM GMBH	2,424,341	MOLLER, GORAN	2,424,150	NAG, BISHWAJIT	2,424,292
METALOGENIA S.A.	2,424,322	MOLLER, MARKUS	2,420,937	NAGAYOSHI, AKIRA	2,425,097
METCALFE III, GUY PARKER	2,420,778	MOLNAR, JAMES H.	2,418,491	NAGEL, STEFAN	2,424,359
METSO AUTOMATION USA, INC.	2,423,962	MOLNLYCKE HEALTH CARE AB	2,424,138	NAGOYA OILCHEMICAL CO., LTD.	2,424,080
METSO PAPER, INC.	2,424,365	MOLNLYCKE HEALTH CARE AB	2,424,283	NAKA, YOICHI	2,418,652
METZGER, FRANZ	2,424,670	MONDRO, JASON R.	2,420,948	NAKAGAWA, TAKASHI	2,418,794
METZGER, ROGER	2,424,109	MONROE, TIMOTHY S.	2,424,828	NAKAJIMA, MASAKUNI	2,424,406
MICHAEL, STEPHEN	2,424,159	MONSANTO TECHNOLOGY LLC	2,423,995	NAKAJIMA, NORIO	2,419,292
MICRO MOTION, INC.	2,424,348	MONSANTO TECHNOLOGY LLC	2,424,018	NAKAJIMA, TAKESHI	2,424,737
MICRO THERAPEUTICS, INC.	2,424,721	MONSANTO TECHNOLOGY LLC	2,424,028	NAKAMOTO, GLEN	2,425,517
MICRUS CORPORATION	2,420,166	MONSANTO TECHNOLOGY LLC	2,424,096	NAKAMURA, ATSUSHI	2,424,008
MIDDLETON, DONALD STUART	2,420,969	MONSANTO TECHNOLOGY LLC	2,424,253	NAKAMURA, HIDEKO	2,425,097
MIDKIFF, MARK DAWSON	2,424,902	MONSANTO TECHNOLOGY LLC	2,424,272	NAKAMURA, HIROSHI	2,420,104
MIDWEST RESEARCH INSTITUTE	2,418,441	MONSANTO TECHNOLOGY LLC	2,418,719	NAKAMURA, YUTAKA	2,419,104
MIDWEST RESEARCH INSTITUTE	2,419,658	MONTGOMERY, KURT	2,421,054	NAKATANI, MASAFUMI	2,420,839
MIGUEL, GUILLAUME	2,418,818	MOODY, LESLIE SHANE	2,409,367	NAKAZAWA, KOUICHI	2,418,850
MIKAMI, MASAFUMI	2,425,097	MOON, MALCOLM WILSON	2,419,439	NAN, SIQIAO	2,421,796
MIKKOLA, HANNU J.	2,424,202	MORADIAN, E.	2,424,322	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY	2,425,039
MIKKOLA, HANNU J.	2,425,034	MORALES LAGUARDA, LLUIS	2,425,139	NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION	2,425,030
MILAN, GUY DIMITRI	2,424,791	MORAN, JOHN L. III	2,424,094	NATUMIN PHARMA AB	2,420,823
MILEWSKI, WILFRIED	2,419,069	MORAN, KATI L.	2,424,299	NATUMIN PHARMA AB	2,420,906
MILLAN, MICHAEL	2,423,975	MORAN, S. MARK	2,424,909	NAVEAU, PAUL	2,424,011
MILLAN, MICHAEL	2,423,978	MORGAN, BRUCE JOHN	2,418,416	NAYAR, BALA	2,424,085
MILLARD, JEFFREY A.	2,423,682	MORGAN, NICHOLAS STUART	2,418,464	NEDA, TOKUDAI	2,424,316
MILLER, DUANE D.	2,420,279	MORI, MASAOKI	2,424,060	NEDSCHROEF HERENTALS NV	2,424,695
MILLER, GREGORY D.	2,425,158	MORI, SEIJIRO	2,424,060	NEIFELD, RICHARD A.	2,424,367
MILLER, H. JERROLD	2,424,815	MORIKOSHI, TOSHIMICHI	2,418,449	NEKHAYEV, DMITRY	2,425,114
MILLER, LEE DOUGLAS	2,424,678	MORIMOTO, HIROSHI	2,424,600	NEOGI, PARTHA	2,425,265
MILLER, STEVE	2,418,444	MORIMOTO, HIROSHI	2,424,964	NEOPHARM, INC.	2,424,292
MILLIKEN & COMPANY	2,418,750	MORITA, KOICHI	2,424,815	NESS, DEREK SIMON RICHARD	2,424,345
MILLIKEN & COMPANY	2,423,372	MORITA, TAKEHARU	2,424,815	NESS, DEREK SIMON RICHARD	2,424,537
MILLS, SANDER G.	2,425,288	MORITA, TAKEHARU	2,420,839	NESTERENKO, VITALIY V.	2,424,002
MINAMINO, JUNICHI	2,424,008	MORITA, TAKEHARU	2,424,335	NEURIZON PTY LTD	2,419,733
MINERVA BIOTECHNOLOGIES CORPORATION	2,424,119	MORONEY, PAUL	2,425,159	NEUROGEN CORPORATION	2,425,185
MINH, NGUYEN	2,418,719	MOROZOWICH, WALTER	2,409,367	NEUWELT, EDWARD A.	2,420,897
MINNS, RICHARD A.	2,424,366	MORRIS, LEE H. A.	2,424,115	NEW ZEALAND FOREST RESEARCH INSTITUTE LIMITED	2,424,214
MINOWA, KAZUHIKO	2,424,737	MORRIS, RICHARD	2,425,270	NEWBY, STEPHEN KREG	2,420,078
MIRANDA, PEDRO C.	2,425,276	MORRISH, MARTIN MELVILLE	2,424,124	NEWMAN, JANET	2,424,893
MISUMI, KEIJI	2,423,733	MORRISON, JOHN DAVID	2,425,136	NEWTON, DAVID	2,424,530
MITEK HOLDINGS, INC.	2,424,527	MORSER, MICHAEL JOHN	2,420,900	NEWTON, KENNETH R.	2,424,039
MITSUBISHI PHARMA CORPORATION	2,418,652	MORTIMORE, MICHAEL	2,418,720	NGUYEN, QUANG A.	2,418,441
MITSUBISHI PHARMA CORPORATION	2,418,656	MOSHENROSE, PAUL A.	2,423,682	NGUYEN, QUANG A.	2,419,658
MITSUMI MINING & SMELTING CO., LTD.	2,418,661	MOSHER, CURTIS	2,419,144	NICHOLSON, JAMES DEVLAN	2,423,965
MIYAJIMA, HIROMITSU	2,418,661	MOSS, STEPHEN FREDERICK	2,420,935	NICOL, JANET L.	2,424,397
MIYAMOTO, MASAOMI	2,418,464	MOTOROLA, INC.	2,425,139	NICOLI, ANDREA	2,425,615
MIYAMOTO, MASAOMI	2,424,870	MOULINIE, PIERRE	2,418,707	NIELSEN, BENT ERLING	2,424,498
MIYOSHI, KAZUHIRO	2,424,735	MU, FUQI	2,424,318	NIEMELA, PEKKA	2,418,898
MIZOBE, KUNITAKA	2,424,516	MUELLER, CHAD	2,420,891	NIEMI, VALTTERI	2,424,496
MIZUMOTO, TAKAO	2,419,290	MULDOON, LESLIE	2,420,897	NIKE INTERNATIONAL, LTD.	2,420,203
MIZUTANI, KENJI	2,423,800	MULLER, ADAM	2,424,356	NIKOLIC, SUSANNE	2,424,540
MLADENOV, CAROLINE	2,424,727	MULLER, CHRISTINE	2,420,938	NILSSON, BENGT FRANS	2,424,150
MLI ASSOCIATES, LLC	2,423,992	MULLER, MANFRED W.	2,424,661	NILSSON, GERT	2,424,150
MOAN, JOHAN	2,424,088	MULLER, PHILIPPE JOSEPH	2,423,755	NILSSON, MAGNUS N.	2,424,122
		MULLINS, HASKELL E.	2,424,642	NIOCHE, JEAN-YVES	2,424,684
		MULTIMATIC INC.	2,423,923		
		MURPHY, STEPHEN W.	2,424,316		

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NISHIKAWA, AKITOSHI	2,419,292	ORACLE CORPORATION	2,424,487	SYSTEMS, INC	2,423,972
NISHIKORI, TAMAKI	2,424,185	ORACLE INTERNATIONAL		PAYMENT PROTECTION	
NISHIMURA, HIROSHI	2,424,185	CORPORATION	2,420,946	SYSTEMS, INC	2,423,974
NISSAN CHEMICAL		ORACLE INTERNATIONAL		PEARSON, JASON CLAY	2,421,054
INDUSTRIES, LTD.	2,424,060	CORPORATION	2,424,988	PECCHI, SABINA	2,421,120
NIVESH SA	2,423,189	ORBSEAL LLC	2,425,151	PECHINEY EMBALLAGE	
NMT MEDICAL, INC.	2,424,306	ORECK HOLDINGS, LLC	2,423,682	FLEXIBLE EUROPE	2,420,891
NOBEL PLASTIQUES	2,418,818	OREGON HEALTH AND		PELLEGGI, ALBERTO	2,420,014
NODA, ISAO	2,424,902	SCIENCE UNIVERSITY	2,420,897	PELLEY, DENISE	2,425,030
NOEL, CATHERINE	2,424,863	ORLANDO, ROBERT JAMES	2,424,717	PELLICONI, ANTEO	2,424,737
NOGUCHI, TOSHIYUKI	2,419,109	O'ROURKE, SAM	2,425,291	PELTONEN, ROBERT	2,424,372
NOHR, RONALD SINCLAIR	2,424,264	ORTHOLAND, JEAN-YVES	2,424,684	PENADES, SOLEDAD	2,424,734
NOKIA CORPORATION	2,419,988	ORTHO-MCNEIL		PENG, WEILING	2,424,707
NOKIA CORPORATION	2,424,167	PHARMACEUTICAL, INC.	2,421,502	PENG, XIAOGANG	2,424,415
NOKIA CORPORATION	2,424,202	ORTHO-TAIN, INC.	2,420,658	PENG, ZUOYAN	2,424,415
NOKIA CORPORATION	2,424,307	ORTMAN, ROY T.	2,425,155	PENROD, MARK A.	2,424,355
NOKIA CORPORATION	2,424,429	ORTUNO, JEAN-CLAUDE	2,424,802	PEPPEL, GEORG W.	2,419,412
NOKIA CORPORATION	2,424,496	OSBORN, MOREY E.	2,424,882	PERALTA, NELSON	2,424,721
NOKIA CORPORATION	2,424,616	OSBORN, THOMAS WARD III	2,418,723	PERCARDIA, INC.	2,418,958
NOKIA CORPORATION	2,425,034	OSRAM SYLVANIA INC.	2,424,269	PERCEY, ANDREW K.	2,424,702
NOMOTO, KAZUTOSHI	2,425,038	OSSUR, HF.	2,424,407	PERCEY, ANDREW K.	2,424,706
NOMURA, YOSHIKAZU	2,423,520	OSTEMA, LAWRENCE L.	2,420,921	PERERA, A. LASANTHA M.	2,421,789
NOON, JOHN M.	2,424,108	OSTENDORF, ERIC C.	2,424,509	PERFECT, JOHN R.	2,425,135
NORD, THOMAS D.	2,418,750	OSTEOTECH, INC.	2,419,371	PERGO AB	2,424,122
NORMAN, PETER IAN	2,418,483	OSTROVSKI, OLEG	2,421,284	PERKINS, CHRISTOPHER	
NORTEL NETWORKS LIMITED	2,424,235	OTSUKA CHEMICAL CO., LTD.	2,420,843	MARK	2,420,645
NORTEL NETWORKS LIMITED	2,424,874	OTTEN, GREGORY K.	2,424,124	PERNERSTORFER, JOSEF	2,424,540
NOTAL VISION INC.	2,425,084	OUELLET, CARL	2,424,303	PERRIN, JEAN-LUC HUBERT	2,423,755
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NOVARTIS AG	2,418,510	OUTOKUMPU OYJ	2,418,905	PERSSON, MICHAEL	2,418,400
NOVARTIS AG	2,418,650	OVONIC BATTERY COMPANY,		PERSSON, MICHAEL	2,418,413
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NOVASYS MEDICAL, INC.	2,424,175	OWEN OIL TOOLS L.P.	2,424,426	SERVICES LTD.	2,421,068
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NSOFOR, LESLIE M.	2,418,957	OY VEIKKAUS AB	2,423,967	PETERSON, RICHARD J.	2,424,077
NUTTER, ROY S.	2,423,513	OZAKI, TAKAHIRO	2,418,850	PETROLEO BRASILEIRO S.A. -	
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OBERTHUR GAMING		OZAWA, YOICHI	2,424,815	PETTS, ANDAX	2,423,976
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O'CONNOR, JOHN ANTHONY	2,423,934	PADCOM, INC.	2,420,907	PFIZER PRODUCTS INC.	2,423,792
O'DONNELL, HUGH JOSEPH	2,424,902	PAGLIERO, ARTHUR J., JR.	2,418,730	PFIZER PRODUCTS INC.,	2,419,044
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OGAWA, TETSUO	2,424,544	PAN, YUH-GUO	2,424,883	COMMUNICATIONS	2,422,465
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POLYZENIX GMBH	2,424,359	RAO, GOVIND	2,419,474	ROMANO, UGO	2,419,814
PONASIK, JAMES ALLEN JR.	2,421,054	RAPP, LUTZ	2,420,611	ROMERO MARTIN, MARIA ROSARIO	2,423,970
PONCE, LUIS E.	2,424,077	RASSEL, DOUGLAS A.	2,423,807	ROPER, MICHAEL	2,419,368
PONS-HIMBERT, CATHERINE	2,419,042	RATH, MATTHIAS	2,424,880	ROSEEN, RUTGER	2,421,050
POPELEK, JAN	2,422,460	RAUTEE, RISTO	2,423,967	ROSENBLUM, STUART B.	2,424,664
POPELEK, JAN	2,422,547	RAVET, NATHALIE	2,422,446	ROSENBLUTH INTERNATIONAL, INC.	2,424,232
POPIELAS, FRANK W.	2,419,136	RAYMOND, ERIC	2,424,823	ROSER, BRUCE JOSEPH	2,424,656
POPOWICH, FREDERICK P.	2,423,965	RAYTHEON COMPANY	2,424,290	ROSIELLO, KEITH	2,424,171
POPP, MARGARET	2,424,883	READ, HELEN ELIZABETH	2,418,483	ROSIELLO, KEITH	2,424,854
POPP, MARGARET	2,424,961	REAGAN, KEVIN J.	2,423,979	ROSS, DENWOOD F., III	2,424,169
PORTER, CHRISTOPHER H.	2,420,898	RECKITT BENCKISER (UK) LIMITED	2,418,963	ROSSA, FRANK	2,421,289
PORTILLO, HECTOR E.	2,420,942	RECKITT BENCKISER (UK) LIMITED	2,419,280	ROSSO, VICTOR W.	2,424,280
POSS, CHRISTOPHER STANLEY	2,423,789	RECKITT BENCKISER (UK) LIMITED	2,419,280	ROTH, LAURENCE A.	2,418,958
POZZATI, GIOVANNI	2,419,355	RECKITT BENCKISER N.V.	2,419,280	ROTH, MAX	2,419,778
PREDIGER, DENNIS	2,420,887	REDDY US THERAPEUTICS, INC.	2,426,517	ROTH, YIFTACH	2,425,276
PRICE, CHRISTOPHER GEORGE	2,424,419	REDDY, E. PREMKUMAR	2,424,884	ROTHENBERG, JOSHUA E.	2,422,460
PRICE, STEPHEN	2,424,785	REDDY, M. V. RAMANA	2,424,884	ROTHENBERG, JOSHUA E.	2,422,465
PRICE, WILLIAM P.	2,423,926	REENTS, TERRY R.	2,418,405	ROTHENBERG, JOSHUA E.	2,422,547
PRISMA FIBERS INC.	2,420,873	REFAELI, OMER	2,425,084	ROTHMAN, LINE	2,424,035
PROBERT, THOMAS	2,420,909	REGENTS OF THE UNIVERSITY OF MINNESOTA	2,424,002	ROTHWELL, JAMES TERENCE	2,424,989
PROBI AB	2,424,150	REGENTS OF THE UNIVERSITY OF MINNESOTA	2,424,013	ROTOLO-PUKKILA, JANI	2,424,202
PROBIODRUG AG	2,418,543	REHFUSS, JOHN	2,424,841	ROTOLO-PUKKILA, JANI	2,425,034
PROBIODRUG AG	2,424,475	REID, LOLA M.	2,424,779	ROUTESCIENCE TECHNOLOGIES, INC.	2,424,654
PROJECT SUPPORT ENGINEERING LIMITED	2,424,818	REID, THOMAS J.	2,424,277	ROUTESCIENCE TECHNOLOGIES, INC.	2,424,675
PROLIFIX LIMITED	2,423,970	REIDERMAN, ARCADY	2,424,034	ROUTESCIENCE TECHNOLOGIES, INC.	2,424,680
PROMAT INTERNATIONAL N.V.	2,424,589	REINHART, DUANE JOSEPH	2,424,186	ROVANEN, RAIMO	2,418,898
PROMEGA CORPORATION	2,425,189	REKONIUS, JANNE	2,423,967	ROWETT RESEARCH INSTITUTE	2,424,431
PROTAGEN AG	2,424,298	RENHOWE, PAUL	2,421,120	ROWLINSON, IAN	2,418,668
PROVINSE, SHIRLEY J.	2,423,113	RENIER, DAVIDE	2,423,384	ROY, SURAJIT	2,424,615
PRUCNAL, PAUL J.	2,424,718	REPANT AS	2,424,489	ROYCE, ROGER	2,424,077
PULSE HOME PRODUCTS LIMITED	2,424,353	REX MEDICAL, L.P.	2,424,042	ROYLE, DAVID ALBERT CYRIL	2,420,053
PUREVISION TECHNOLOGY, INC.	2,418,726	RHODIA CHIMIE	2,424,832	RUBIN, LEE D.	2,424,785
PUTERKA, GARY J.	2,424,181	RICHTER, FRANCIS LAWRENCE	2,424,186	RUDMAN, MURRAY	2,420,778
PUTNAM, MARTIN A.	2,424,032	RICHTER, RAY T.	2,424,595	RUEDIGER, EDWARD H.	2,424,438
Q2100, INC.	2,419,383	RICKS, WILLIAM F.	2,423,992	RUEDIGER, EDWARD H.	2,425,264
QIU, YUPING	2,424,303	RIDDICK, ERIN G.	2,418,955	RUFFINONI, MARYLENE	2,423,755
QU, LIANHUA	2,424,415	RILEY, STEPHEN GEOFFREY	2,424,214	RUHLMANN, JEAN-PHILIPPE	2,425,341
QUADA, JAMES C., JR.	2,422,916	RINGHOF, PAUL G.	2,425,977		
QUALCOMM INCORPORATED	2,424,257				
QUATTROPANI, ANNA	2,423,933				
QUEEN BIOACTIVES PTY LTD.	2,420,881				

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RUSSO, ELISABETTA	2,419,478	SCHROER, JOSEF	2,424,670	SHOEMAKER, MICHAEL L.	2,418,953
RUSTAD, HANS ULRIK	2,424,489	SCHULEIN, ROBERT B.	2,424,828	SHORE, LAWRENCE	2,424,007
RYDELL, MARK A.	2,420,898	SCHULZRINNE, HENNING	2,422,922	SHT CO., LTD.	2,424,505
SAEMUNSDOTTIR, GUDRUN	2,424,512	SCHWARTE, RUDOLF	2,424,139	SHWARTZ, KENNETH A.	2,416,758
SAFE, STEPHEN S.	2,425,281	SCHWARZ, FRANZ XAVER	2,424,462	SIAZON, ROMUALDO S.	2,424,740
SAGER, JESS W.	2,424,304	SCHWARZ, HANS-PETER	2,424,794	SIDDIQI, FAISAL	2,424,654
SAINT-GOBAIN		SCHWARZ, MATTHIAS	2,423,933	SIDDURI, ACHYUTHARAO	2,419,416
PERFORMANCE PLASTICS		SCHWENCKE, ECKART	2,424,368	SIEMENS	
CORPORATION	2,425,163	SCHWERTFEGER, WERNER	2,421,708	AKTIENGESELLSCHAFT	2,419,412
SAITCHENKO, ANATOLII	2,424,891	SCRAM TECHNOLOGIES, INC	2,423,971	SIEMENS	
SAITO, YASUSHI	2,424,060	SEAQUIST CLOSURES		AKTIENGESELLSCHAFT	2,419,852
SAKASHITA, HIROSHI	2,418,656	FOREIGN, INC.	2,424,097	SIEMENS	
SALA, ANGELO	2,419,355	SEAQUIST CLOSURES		AKTIENGESELLSCHAFT	2,420,611
SALAGER, SERGE ERIC	2,424,168	FOREIGN, INC.	2,424,254	SIEMENS	
SALAMONE, JOSEPH C.	2,420,861	SEARLES, PETER MICHAEL	2,424,409	AKTIENGESELLSCHAFT	2,424,450
SALAMONE, JOSEPH C.	2,425,074	SEBIRE, GUILLAUME	2,424,616	SIEMENS CORPORATE	
SALEH, ADEL A. M.	2,423,115	SECREAST, PAMELA J.	2,424,444	RESEARCH, INC.	2,425,075
SALVEMINI, DANIELA	2,425,266	SEDLAK, HOLGER	2,420,791	SILBERMAN, SANDRA LETA	2,424,470
SAMBA	2,425,158	SEELY, PATRICK JOHN	2,423,762	SIMOES, MICHAEL J.	2,425,139
SAMITIN, VIKTOR		SEET, CHERN HWAY	2,424,219	SIMON, MICHAEL P.	2,423,972
VASILIEVICH	2,421,317	SEET, CHERN HWAY	2,424,302	SIMON, MICHAEL P.	2,423,974
SAMSUNG ELECTRONICS CO.,		SEGAL, BARUCH	2,423,186	SIMONSEN, VIDAR	2,424,524
LTD.	2,424,155	SEGEV, AVNER	2,420,866	SIMPRI, RONALD	2,425,263
SANCHEZ GUIASADO, FERMIN	2,424,322	SEGIT, PAUL N.	2,419,783	SIMPSON, NEIL ALEXANDER	
SANDERS, ERNEST F.	2,424,028	SEIDEL, JURGEN	2,420,608	ABERCROMBIE	2,421,712
SANDERS, ERNEST F.	2,424,253	SEKISUI CHEMICAL CO., LTD.	2,420,839	SIMS, LYNNE E.	2,426,793
SANDERS, ERNEST F.	2,424,272	SEKISUI CHEMICAL CO., LTD.	2,424,335	SINGH, SATISH K.	2,424,444
SANKUR, HALUK	2,420,954	SEKUTOWSKI, DENNIS G.	2,424,181	SINGLA, AJAY KUMAR	2,420,804
SANTA MARIA, GUILLERMO		SELE, ARNE	2,419,085	SISKO, JOHN T.	2,424,222
LORIA	2,424,613	SELLERS, TIMOTHY M.	2,424,108	SKERLJ, RENATO T.	2,421,796
SANYO ELECTRIC CO., LTD.	2,420,104	SEMENIKHINA, VALENTINA	2,423,970	SKINNER, NEAL G.	2,424,709
SAPIENZA, RICHARD	2,423,992	SEMPLE, BRUCE P.	2,424,610	SKYWORKS SOLUTIONS, INC.	2,420,912
SARABIA, REY	2,425,270	SEN, ANANDA	2,424,292	SL PARKHURST CORPORATION	
SARATHY, JITHAMITHRA	2,425,263	SEREBRYAKO, ALEXANDER	2,418,809		2,424,882
SASAKI, YOSHIHARU	2,418,715	SERKH, ALEXANDER	2,424,259	SLAT, WILLIAM A.	2,424,592
SASTRY, SRIKONDA V.	2,418,730	SERLING, BOB	2,425,166	SLOAN, ROBERT W.	2,424,514
SAUER, FRANK	2,425,075	SHAFFER, CYNTHIA	2,421,120	SLUTZKY, JEFF	2,425,977
SAULNIER, MARK G.	2,424,438	SHAH, KANU G.	2,419,136	SMALLEY, DOUGLAS S.	2,425,153
SAVANT, GAJENDRA D.	2,418,760	SHAMI, HAITHAM	2,424,037	SMARTGATE, L.C.	2,424,159
SAVANT, GAJENDRA D.	2,419,287	SHANKLIN, DENNIS M.	2,424,515	SMIDDLE, RONALD DALE	2,420,864
SAWADA, JAMES A.	2,424,615	SHANLEY, JOHN F.	2,424,305	SMITH, CHARLES J.	2,425,166
SAXENA, UDAY	2,426,517	SHARMA, SHIV K.	2,424,919	SMITH, CHRISTOPHER DENNIS	2,421,796
SCHADENBERG, HENDRIK	2,424,502	SHARMA, SOMESH D.	2,424,292	SMITH, DRAKE	2,420,925
SCHAEFFER, CARLA	2,423,555	SHAW, JOHN	2,424,498	SMITH, MATTHEW W.	2,424,077
SCHAEFFER, ERIK	2,423,979	SHEFFY, JACOB	2,424,389	SMITH, PAUL REED	2,420,195
SCHAEER, ALEXANDER	2,423,933	SHELL INTERNATIONALE		SMITH, ROBERT C.	2,425,146
SCHAEERER, CHRISTIAN	2,420,611	RESEARCH		SMITH, ROBERT G.	2,419,137
SCHELLING, DIRK	2,424,796	MAATSCHAPPIJ B.V.	2,418,850	SMITH, STEPHEN F.	2,424,040
SCHELLING, PIERRE	2,420,894	SHELL INTERNATIONALE		SMITH, THOMAS WILLIAM	2,421,054
SCHEMMER, JURGEN, H.	2,424,560	RESEARCH		SMITHKLINE BEECHAM PLC	2,420,935
SCHEMMER, JURGEN, H.	2,424,591	MAATSCHAPPIJ B.V.	2,424,502	SMITHKLINE BEECHAM PLC	2,423,975
SCHENERMAN, MARK A.	2,422,635	SHELL INTERNATIONALE		SMITHKLINE BEECHAM PLC	2,423,978
SCHERING		RESEARCH		SMS DEMAG	
AKTIENGESELLSCHAFT	2,420,900	MAATSCHAPPIJ B.V.	2,424,801	AKTIENGESELLSCHAFT	2,419,069
SCHERING		SHEN, DONG-MING	2,425,288	SMS DEMAG	
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SCHERING CORPORATION	2,424,664	SHERIDAN, PHILIP J.	2,424,730	SMS DEMAG	
SCHIEDEL, LEN	2,425,166	SHI, YIAN	2,421,309	AKTIENGESELLSCHAFT	2,424,308
SCHLUMBERGER CANADA		SHI, YU	2,419,370	SMS DEMAG	
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SCHLUMBERGER CANADA		SHIGENAGA, TAKESHI	2,424,522	SNELL & WILCOX LIMITED	2,424,340
LIMITED	2,418,933	SHIH, NENG-YANG	2,424,664	SNELL, VIOLET	2,424,340
SCHLUMBERGER CANADA		SHIMIZU, HITOSHI	2,420,847	SNIDER, PHILIP M.	2,418,530
LIMITED	2,424,514	SHIMOMURA, AKIHIRO	2,418,715	SNYDER, JAMES P.	2,424,555
SCHMIDT, HARALD	2,419,146	SHIN CATERPILLAR		SOCIETE DES PRODUITS	
SCHNALL, ROBERT P.	2,424,389	MITSUBISHI LTD.	2,419,292	NESTLE S.A.	2,424,607
SCHNEIDER, GARY M.	2,419,272	SHINAGAWA, YUKO	2,418,794	SOCIETE DES PRODUITS	
SCHNEIDER, HEINZ DIETRICH	2,419,069	SHINODA, NORIAKI	2,418,850	NESTLE S.A.	2,424,710
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SOLVAY (SOCIETE ANONYME)	2,418,856	SUNDERMANN, BERND	2,423,860	TELEMEDIA GROUP PTY LTD	2,424,597
SON, YOUNG-CHAN	2,424,190	SUNDERMANN, CORINNA	2,423,860	TEMCO PTY LTD	2,421,284
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SONG, JINHUA J.	2,424,916	SURMODICS, INC.	2,423,924	COMMONWEALTH	
SONNENBERG, CHRISTOPHER	2,424,713	SUTTON, PAUL MATTHEW	2,425,167	SYSTEM OF HIGHER	
SONOCINE, INC.	2,424,077	SUZICH, JOANN	2,422,635	EDUCATION	2,424,884
SONY CORPORATION	2,425,038	SUZUKI, HIROTO	2,424,207	TERASAWA, TAKESHI	2,425,097
SOPHION BIOSCIENCE A/S	2,424,498	SUZUKI, TAMOTSU	2,418,449	TERXO AG	2,424,538
SOUTH, BOBBIE E.	2,419,277	SVIRKLYS, FRED	2,424,515	TETRA LAVAL HOLDINGS &	
SOY ULTIMA, LLC	2,418,957	SWAIN, ROBERT	2,418,958	FINANCE S.A.	2,423,525
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SPALDING SPORTS		SWOBODA, UTHAYA	2,424,791	INC.	2,421,431
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SPRAGUE, BARRY N.	2,423,859	INTERNATIONAL (2001)		THE UNIVERSITY OF	
SPRUNK, ERIC	2,425,159	LTD.	2,418,692	ARKANSAS	2,424,415
SPX CORPORATION	2,418,772	SYMBOL TECHNOLOGIES, INC.	2,419,796	THE BOARD OF TRUSTEES OF	
SQUIRREL HOLDINGS LTD.	2,420,014	SYNGENTA LIMITED	2,424,392	THE UNIVERSITY OF	
STANTON, DAVID THOMAS	2,424,578	SYNTHE (U.S.A.)	2,424,108	ILLINOIS	2,418,479
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STATLER, DANIEL C.	2,424,666	SYNTHE (U.S.A.)	2,424,293	FOUNDATION	2,424,173
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STEIGER, PETER	2,424,293	TAKACHIHO SEIKI CO., LTD.	2,424,504	THE GATES CORPORATION	2,424,256
STEINBACH, JORG	2,424,598	TAKADA, MITSUMASA	2,423,981	THE GATES CORPORATION	2,424,259
STEINBERG, THOMAS H.	2,424,300	TAKAISHI, YUUKI	2,419,290	THE GILLETTE COMPANY	2,424,739
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BORISOVICH	2,421,317	TAKEDA CHEMICAL		AMERICA, AS	
STEPHENS, CHAD E.	2,425,135	INDUSTRIES, LTD.	2,418,464	REPRESENTED BY THE	
STEPHENS, MICHAEL JOHN	2,424,419	TAKEDA CHEMICAL		SECRETARY OF THE	
STERN, EDITH H.	2,424,610	INDUSTRIES, LTD.	2,419,065	DEPARTMENT OF HEALTH	
STERN, HOWARD	2,424,587	TAKEDA CHEMICAL		AND HUMAN SERVICES	2,425,276
STERN, THEODOR	2,420,834	INDUSTRIES, LTD.	2,424,770	THE HOFFMAN GROUP	2,424,686
STEVENSON, CYNTHIA	2,418,960	TAKEDA CHEMICAL		THE J.M. SMUCKER COMPANY	2,422,731
STOBIE, ALAN	2,420,969	INDUSTRIES, LTD.	2,424,870	THE PROCTER & GAMBLE	
STOLPNER, LEW	2,424,574	TAKEMOTO, MINORU	2,424,060	COMPANY	2,418,723
STORK PRINTS B.V.	2,424,885	TAKEMOTO, YUKI	2,419,292	THE PROCTER & GAMBLE	
STOSIC, ROD	2,419,011	TAKENAKA, MINORU	2,420,843	COMPANY	2,419,273
STRAIN, DAVID	2,424,712	TAKENOUCHE, HIROSHI	2,424,737	THE PROCTER & GAMBLE	
STRASSER, KARL-HEINZ	2,424,796	TAKEUCHI, SHIGEMI	2,419,292	COMPANY	2,419,478
STRATOS LIGHTWAVE, INC.	2,418,971	TAKEYASU, ALTON	2,424,509	THE PROCTER & GAMBLE	
STRAUSS, BRIAN M.	2,424,721	TAMAKI, TARO	2,424,060	COMPANY	2,420,078
STRECIWILK, ERIC J.	2,424,185	TAMAKI, YASUHIRO	2,423,520	THE PROCTER & GAMBLE	
STREETON, AMY B.	2,418,750	TAMAYO, PABLO	2,424,487	COMPANY	2,420,645
STRITTMATTER, WOLFGANG	2,419,385	TAN, EUGENE ENG KHIAN	2,424,219	THE PROCTER & GAMBLE	
STROUSE, ROBERT J.	2,422,635	TAN, EUGENE ENG KHIAN	2,424,302	COMPANY	2,420,996
STRUCTURAL GENOMIX, INC.	2,424,893	TANABE SEIYAKU CO., LTD.	2,424,600	THE PROCTER & GAMBLE	
STRUCTURAL POLYMER		TANABE SEIYAKU CO., LTD.	2,424,964	COMPANY	2,421,008
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STUEER, WOLFRAM	2,419,368	TANIYAN, SAIT	2,424,886	THE PROCTER & GAMBLE	
SU, WEI-GUO	2,419,044	TANOX INC.	2,424,379	COMPANY	2,424,409
SUD-CHEMIE AG	2,420,937	TARI, ANA MARIA	2,425,196	THE PROCTER & GAMBLE	
SUDDERTH, R. BRANTLEY	2,418,702	TAYLOR, CLARKE	2,421,120	COMPANY	2,424,445
SUGASAWA, KEIZO	2,424,522	TAYLOR, MURRAY EDWARD	2,425,044	THE PROCTER & GAMBLE	
SUGIURA, HIROSHI	2,424,657	TEAGER, DAVID S.	2,424,565	COMPANY	2,424,578
SUIB, STEVEN L.	2,424,190	TEICHMAN, RICHARD ALFRED		THE PROCTER & GAMBLE	
SUIKEN CO., LTD.	2,424,763	III	2,424,372	COMPANY	2,424,582
SUMA, YUKIE	2,424,207	TEITZMAN, MEL	2,423,682	THE PROCTER & GAMBLE	
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THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	2,422,922	TRUMAN, MICHAEL MEAD	2,418,722	UT-BATTELLE, L.L.C.	2,424,040
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THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	2,425,122	TSE, MUN FU	2,423,816	VAANANEN, EERO	2,418,905
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