

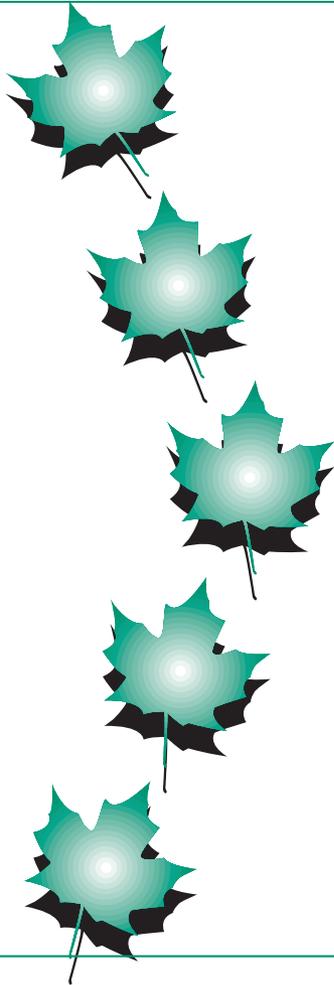


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**The Patent
Office
Record**

**La Gazette
du Bureau
des brevets**

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Canada



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

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Avis important aux abonnés

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

Depuis avril 1999, on peut consulter ou télécharger la Gazette, sans frais, à partir du site Web de l'OPIC : opic.gc.ca ou strategis.ic.gc.ca/brevets/gazette. D'après nos statistiques de nombreux clients utilisent la version électronique. Nous avons récemment modifié le format électronique de la Gazette afin d'améliorer la vitesse de téléchargement. Les utilisateurs ont désormais le choix entre télécharger le document en entier ou des sections individuelles. Les éditions courantes sont publiées tous les mardis et les numéros antérieurs (d'avril 1999 jusqu'à maintenant) sont aussi disponibles.

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

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Courriel : cipo.contact@ic.gc.ca

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

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

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

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

Code Numerals

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

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

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

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

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

Avis

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

Dates

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

Chiffres de code

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

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

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

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

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

Avis

2. Country Code

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

3. Canadian Class Titles

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

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

4. Class Schedules and Definitions

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

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

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

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

2. Code des pays

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

3. Liste des classes canadiennes

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

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

4. Listes et définitions des classes

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

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

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

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

2,208,045

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.

2,208,045

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).

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

12. Langue du document publié

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

Notices

13. Patent Cooperation Treaty (PCT)

SCHEDULE OF FEES APPLICABLE AS OF APRIL 15, 2003

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

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

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

5. Late Payment Fee	50% of the fees that are due, or, Minimum: Transmittal Fee Maximum: Basic Fee
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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 15 AVRIL 2003

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

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

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

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

Avis

14. PCT notices

PCT Signature Requirements

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

Patent Cooperation Treaty (PCT)

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

15. Canadian Laid-Open Applications

The Patent Office Record of April 15, 2003 contains laid-open applications from March 23, 2003 - March 29, 2003.

14. Avis PCT

Exigences des signatures du PCT

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

Traité de Coopération en matière de brevets (PCT)

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

15. 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 23 mars 2003 - 29 mars 2003

Canadian Patents Issued

April 15, 2003

Brevets canadiens délivrés

15 avril, 2003

[11] **2,022,787**
[13] C

[51] **Int.Cl. 5F23D 14/46**
[25] EN
[54] **BLUE FLAME BURNER**
[54] **BRULEUR A FLAMME BLEUE**
[72] ROBINSON, EDGAR C., CA
[73] INTERNATIONAL THERMAL
RESEARCH LTD., CA
[22] 1990-08-07
[30] US (07/389,618) 1989-08-04

[11] **2,024,124**
[13] C

[51] **Int.Cl. 5C07D 281/10**
[25] EN
[54] **HETEROGENEOUS SYNTHESIS
OF AZEPINONES FROM ESTERS**
[54] **SYNTHESE HETEROGENE
D'AZEPINONES A PARTIR D'ESTERS**
[72] MARTIN, DANIEL E., US
[73] AVENTIS PHARMACEUTICALS
INC., US
[22] 1990-08-28
[30] US (400,658) 1989-08-31

[11] **2,024,799**
[13] C

[51] **Int.Cl. 6A63B 71/08 6A41D 13/00
6A61C 7/08 6A61C 5/14**
[25] EN
[54] **MULTI-LAMINAR
MOUTHGUARDS**
[54] **PROTEGE-DENTS STRATIFIES**
[72] ADELL, LOREN S., US
[73] ADELL, LOREN S., US
[22] 1990-09-06
[30] US (469,286) 1990-01-24

[11] **2,026,152**
[13] C

[51] **Int.Cl. 5C08L 69/00**
[25] EN
[54] **FLAME RETARDANT
POLYCARBONATE BLENDS**
[54] **MELANGES DE
POLYCARBONATE IGNIFUGE**
[72] PAUL, WINFRIED G., US
[72] KRISHNAN, SIVARAM, US
[72] WHITE, ROGER J., US
[73] BAYER CORPORATION, US
[22] 1990-09-25
[30] US (07,428,561) 1989-10-30

[11] **2,026,280**
[13] C

[51] **Int.Cl. 5C07H 21/00 5C12Q 1/68**
[25] EN
[54] **BIOTIN-LABELLED DNA BY
POLYMERASE CHAIN REACTION
AND DETECTION THEREOF**
[54] **ADN MARQUE A LA BIOTINE PAR
REACTION EN CHAINE AVEC LA
POLYMERASE ET SA DETECTION**
[72] LONGIARU, MATHEW, US
[72] SILVER, SHERYL BETH, US
[72] SULZINSKI, MICHAEL ANTHONY,
US
[73] F. HOFFMANN-LA ROCHE AG, CH
[22] 1990-09-26
[30] US (414,542) 1989-09-29

[11] **2,034,504**
[13] C

[51] **Int.Cl. 5C12N 15/31 5A61K 39/00
5C12P 21/02 6C07K 7/04 5C12P 21/08
6C07K 16/14 6C07K 14/37 5G01N 33/569**
[25] EN
[54] **FUNGAL STRESS PROTEINS**
[54] **PROTEINES DE CHAMPIGNON
PRODUITES A LA SUITE D'UN STRESS**
[72] BURNIE, JAMES P., GB
[72] MATTHEWS, RUTH C., GB
[73] NEUTEC PHARMA PLC, GB
[85] 1991-02-19
[86] 1990-07-02 (PCT/GB1990/001021)
[87] (WO1991/000351)
[30] GB (8915019.7) 1989-06-30

[11] **2,035,484**
[13] C

[51] **Int.Cl. 5E04F 21/06**
[25] EN
[54] **FLAT FINISHING BOX
APPARATUS COMPRISING
INTERCHANGEABLE HEADS**
[54] **BOITE DE FINITION A PLAT
COMPRENANT DES TETES
INTERCHANGEABLES**
[72] MACMILLAN, DONALD M., CA
[73] NORTHSTAR TOOL
CORPORATION, CA
[22] 1991-02-01
[30] US (476,827) 1990-02-08

[11] **2,036,337**
[13] C

[51] **Int.Cl. 5C07D 461/00 5A61K 31/435**
[25] FR
[54] **DERIVES DE LA 20,21-
DINOREBURNAMENINE, LEUR
PROCEDE DE PREPARATION ET LES
NOUVEAUX INTERMEDIAIRES AINSI
OBTENUS, LEUR APPLICATION
COMME MEDICAMENTS ET LES
COMPOSITIONS LES RENFERMANT**
[54] **DERIVATIVES OF 20,21-
DINOREBURNAMENIN, THEIR
PREPARATION PROCESS AND THE
NEW INTERMEDIATES THUS
OBTAINED, THEIR APPLICATION AS
DRUGS AND THE COMPOSITIONS
CONTAINING SUCH**
[72] CLEMENCE, FRANCOIS, FR
[72] HAESSLEIN, JEAN-LUC, FR
[72] OBERLANDER, CLAUDE, FR
[73] AVENTIS PHARMA S.A., FR
[22] 1991-02-14
[30] FR (90 01 823) 1990-02-15

Canadian Patents Issued
April 15, 2003

[11] **2,037,975**
[13] C

[51] Int.Cl. 5C07D 307/83 5C07D 405/12
5C07D 417/12 5C07F 9/655

[25] EN

[54] **5-HYDROXY-2,3-DIHYDROBENZOFURAN ANALOGS AS LEUKOTRIENE BIOSYNTHESIS INHIBITORS**

[54] **ANALOGUES DU 5-HYDROXY-2,3-DIHYDROBENZOFURANE COMME INHIBITEURS DE LA BIOSYNTHESE DES LEUCOTRIENES**

[72] BELANGER, PATRICE C., CA

[72] DUFRESNE, CLAUDE, CA

[72] GUINDON, YVAN, CA

[72] LAU, CHEUK KUN, CA

[72] ROKACH, JOSHUA, US

[72] SCHIEGETZ, JOHN, CA

[72] THERIEN, MICHEL, CA

[72] FITZSIMMONS, BRIAN, CA

[72] YOUNG, ROBERT N., CA

[73] MERCK FROSST CANADA & CO./
MERCK FROSST CANADA & CIE, CA

[22] 1991-03-11

[30] US (491,799) 1990-03-12

[11] **2,043,337**
[13] C

[51] Int.Cl. 5C08G 59/56

[25] EN

[54] **SPHERICAL CURING AGENT FOR EPOXY RESIN, CURING AGENT MASTERBATCH FOR EPOXY RESIN AND THEIR PREPARATION**

[54] **AGENT DE RETICULATION SOUS FORME DE PARTICULES SPHERIQUES POUR RESINE EPOXY,**

MELANGE MAITRE ET PREPARATION DUDIT AGENT

[72] MUROI, SOUICHI, JP

[72] TSAI, HSI-CHUAN, JP

[73] NATIONAL STARCH AND
CHEMICAL INVESTMENT HOLDING
CORPORATION, US

[22] 1991-05-28

[30] JP (138176/90) 1990-05-28

[30] JP (163966/90) 1990-06-21

[30] JP (70615/91) 1991-03-11

[11] **2,044,159**
[13] C

[51] Int.Cl. 5A61M 1/00 5G01L 9/00
5A61B 5/0215

[25] EN

[54] **INTEGRAL INTRACRANIAL PRESSURE MONITOR AND DRAINAGE CATHETER ASSEMBLY**

[54] **MONITEUR DE LA PRESSION INTRACRANIENNE INTEGRALE ET CATHETER DE DRAINAGE**

[72] HALL, JOHN P., US

[72] BECKMAN, RONALD B., US

[73] EDWARDS LIFESCIENCES

CORPORATION, US

[85] 1991-06-06

[86] 1990-10-10 (PCT/US1990/005804)

[87] (WO1991/005575)

[30] US (419,938) 1989-10-11

[11] **2,045,996**
[13] C

[51] Int.Cl. 5H01M 10/26

[25] EN

[54] **NON-AQUEOUS SECONDARY LITHIUM BATTERY**

[54] **BATTERIE SECONDAIRE AU LITHIUM NON-AQUEUSE**

[72] TOBISHIMA, SHIN-ICHI, CA

[72] MORIYA, KUNIO, CA

[73] NIPPON TELEGRAPH AND

TELEPHONE CORPORATION, JP

[22] 1991-06-28

[11] **2,046,678**
[13] C

[51] Int.Cl. 5B65D 55/02 5B67B 3/24

[25] EN

[54] **TAMPER EVIDENT CLOSURE USING MICROCAPSULES**

[54] **DISPOSITIF DE FERMETURE INVOLABLE A MICROCAPSULES**

[72] ILER, HOWARD DARRELL, US

[73] CONTINENTAL WHITE CAP, INC.,
US

[22] 1991-07-10

[30] US (553,649) 1990-07-18

[11] **2,047,375**
[13] C

[51] Int.Cl. 5C07D 295/088 5C07D 211/22
5C07D 211/40 5A61K 31/445

[25] EN

[54] **PIPERIDYL ETHERS AND THIOETHERS AS INHIBITORS OF CHOLESTEROL BIOSYNTHESIS**

[54] **ETHERS ET THIOETHERS**

PIPERIDYLIQUES EN TANT QU'INHIBITEURS DE LA BIOSYNTHESE DU CHOLESTEROL

[72] BARNEY, CHARLOTTE L., US

[72] MCCARTHY, JAMES R., US

[72] WANNAMAKER, MARION W., US

[73] AVENTIS PHARMA INC., CA

[22] 1991-07-18

[30] US (557,877) 1990-07-25

[11] **2,048,242**
[13] C

[51] Int.Cl. 5C07J 41/00 5A61K 31/56

[25] EN

[54] **4-AMINO-4-STEROIDS AND THEIR USE AS 5.ALPHA.-REDUCTASE INHIBITORS**

[54] **LES 4-AMINO-4-STEROIDES ET**

LEUR UTILISATION COMME

INHIBITEURS DE LA 5.ALPHA.-

REDUCTASE

[72] WEINTRAUB, PHILIP M., US

[72] BURKHART, JOSEPH P., US

[72] BLOHM, THOMAS R., US

[73] AVENTIS PHARMA INC., CA

[22] 1991-07-31

[30] US (561,041) 1990-08-01

[30] US (671,555) 1991-03-19

[30] US (720,900) 1991-07-02

[11] **2,048,349**
[13] C

[51] Int.Cl. 5C08L 77/00 5C08L 101/00
5B32B 27/08

[25] EN

[54] **AMORPHOUS NYLON COMPOSITION AND FILMS**

[54] **COMPOSITION ET PELLICULE DE NYLON AMORPHE**

[72] BEKELE, SOLOMON, US

[73] CRYOVAC, INC., US

[22] 1991-08-02

[30] US (562,514) 1990-08-03

**Brevets canadiens délivrés
15 avril, 2003**

[11] **2,049,862**
[13] C

[51] **Int.Cl. 5C08L 83/10**
[25] EN
[54] **POLYESTER AND EPOXY VINYL MONOMER-GRAFTED POLYSILOXANCE COMPOSITION**
[54] **COMPOSITION DE POLYESTER ET D'EPOXY VINYLIQUE MONOMERE POLYSILOXANCE GREFFEE**
[72] YAMAMOTO, NAOKI, JP
[72] YANAGASE, AKIRA, JP
[72] NAKATA, AKIRA, JP
[72] KOSHIRAI, ATSUNORI, JP
[72] YANAI, TOSHIMI, JP
[73] MITSUBISHI RAYON CO., LTD., JP
[22] 1991-08-26
[30] JP (02-224586) 1990-08-27

[11] **2,050,565**
[13] C

[51] **Int.Cl. 5E02F 3/36 5B66F 9/00**
[25] EN
[54] **VERTICAL LIFT LOADER BOOM**
[54] **FLECHE D'ALIMENTATION A LEVEE VERTICALE**
[72] HOECHST, LONNIE D., US
[72] LORAAS, ORLAN J., US
[72] KACZMARSKI, WALLY L., US
[72] ALBRIGHT, LARRY E., US
[73] CLARK EQUIPMENT COMPANY, US
[22] 1991-09-03
[30] US (577,645) 1990-09-05

[11] **2,051,504**
[13] C

[51] **Int.Cl. 5C07D 213/50 5C07D 215/14 5C07D 333/22 5C07D 239/26 5A61K 31/33 5C07D 307/46 5C07D 307/52 5C07D 233/64**
[25] EN
[54] **1-PHENYL-3-ARYL-2-PROPYNE-1-ONES AS CALCIUM UPTAKE INHIBITORS**
[54] **1-PHENYL-3-ARYL-2-PROPYNE-1-ONES COMME INHIBITEURS DE LA CAPTATION DU CALCIUM**
[72] DINERSTEIN, ROBERT J., US
[72] SABOL, JEFFREY S., US
[72] DIEKEMA, KEITH A., US
[73] AVENTIS PHARMA INC., CA
[22] 1991-09-16
[30] US (07/585,411) 1990-09-20
[30] US (07/595,506) 1990-10-11

[11] **2,052,433**
[13] C

[51] **Int.Cl. 5C07D 213/72 5C07D 401/12 5C07D 413/12 5C07D 417/12 5C07D 401/14 5A61K 31/44 5A61K 31/535 5A61K 31/54 5A61K 31/55**
[25] EN
[54] **SUBSTITUTED-4-AMINO-3-PYRIDINOLS, A PROCESS FOR THEIR PREPARATION AND THEIR USE AS MEDICAMENTS**
[54] **AMINO-3-PYRIDINOLS A SUBSTITUANT EN 4, UN PROCEDE POUR LEUR OBTENTION ET LEUR EMPLOI COMME MEDICAMENTS**
[72] SHUTSKE, GREGORY MICHAEL, US
[72] KAPPLES, KEVIN JAMES, US
[72] TOMER, JOHN DICK, US
[72] HRIB, NICHOLAS JOSEPH, US
[72] JURCAK, JOHN GERARD, US
[73] AVENTIS PHARMACEUTICALS INC., US
[22] 1991-09-26
[30] US (589,113) 1990-09-27

[11] **2,053,208**
[13] C

[51] **Int.Cl. 5C07D 215/14 5C07D 401/12 5C07D 405/12 5C07D 409/12 5A61K 31/47**
[25] EN
[54] **HYDROXYALKYLQUINOLINE ETHER ACIDS AS LEUKOTRIENE ANTAGONISTS**
[54] **DERIVES ACIDES D'OXYDES D'HYDROXYALKYLQUINOLINE COMME ANTAGONISTES DES LEUCOTRIENES**
[72] BELLEY, MICHEL L., CA
[72] LEBLANC, YVES, CA
[72] LABELLE, MARC, CA
[73] MERCK FROSST CANADA & CO./ MERCK FROSST CANADA & CIE, CA
[22] 1991-10-10
[30] US (596,885) 1990-10-12

[11] **2,053,681**
[13] C

[51] **Int.Cl. 5A61B 17/32**
[25] EN
[54] **SURGICAL DEVICE**
[54] **APPAREIL CHIRURGICAL**
[72] SMITH, GRAHAM, US
[73] SMITH & NEPHEW, INC., US
[22] 1991-10-18
[30] US (600531) 1990-10-19

[11] **2,056,457**
[13] C

[51] **Int.Cl. 5G09G 5/00 5G09B 9/02**
[25] EN
[54] **SIMULATION OF LIGHT SOURCE ILLUMINATION IN COMPUTER IMAGE GENERATION**
[54] **SIMULATION D'UNE SOURCE LUMINEUSE EN INFOGRAPHIE**
[72] STEINER, WALTER ROBERT, US
[72] KELLY, WILLIAM ARTHUR, US
[72] CAESAR, ROBERT JAMES, JR., US
[72] BUCHNER, GREGORY CHARLES, US
[72] MORGAN, MICHAEL LEROY, US
[73] INTEL CORPORATION, US
[22] 1991-11-28
[30] US (631,254) 1990-12-20

[11] **2,056,499**
[13] C

[51] **Int.Cl. 5H01H 71/52**
[25] EN
[54] **MOLDED CASE CIRCUIT BREAKER OPERATING MECHANISM ASSEMBLY**
[54] **ENSEMBLE DE MECANISME DE DECLENCHEMENT D'UN DISJONCTEUR EN BOITIER MOULE**
[72] MAGNON, GARY DAVID, US
[72] SEYMOUR, RAYMOND KELSEY, US
[72] LESSLIE, DAVID JAMES, US
[72] GUERRETTE, MICHAEL CONRAD, US
[72] MCKAY, GEOFFREY HUGH, US
[73] GENERAL ELECTRIC COMPANY, US
[22] 1991-11-28
[30] US (620,174) 1990-11-30

[11] **2,056,590**
[13] C

[51] **Int.Cl. 5F16J 15/56**
[25] EN
[54] **FLUIDIC ACTUATOR SCRAPER SEAL**
[54] **JOINT RACLEUR D'ACTIONNEUR A FLUIDE**
[72] ELLIOT, ROBERT ALLEN, US
[73] GENERAL ELECTRIC COMPANY, US
[22] 1991-11-28
[30] US (658,263) 1991-02-20

Canadian Patents Issued
April 15, 2003

[11] 2,059,979
[13] C

[51] Int.Cl. 6A61K 38/36
[25] EN
[54] COMPLEX CONTAINING
COAGULATION FACTOR IX
[54] COMPLEXE CONTENANT LE
FACTEUR DE COAGULATION IX
[72] LINNAU, YENDRA, AT
[72] SAZGARY, MARIA, AT
[73] IMMUNO AKTIENGESELLSCHAFT,
AT
[22] 1992-01-24
[30] AT (A 163/91) 1991-01-25

[11] 2,061,151
[13] C

[51] Int.Cl. 5C01B 17/04
[25] EN
[54] TREATMENT OF GASES
[54] TRAITEMENT DES GAZ
[72] WATSON, RICHARD WILLIAM, GB
[73] THE BOC GROUP PLC, GB
[22] 1992-02-13
[30] GB (9103382.9) 1991-02-19

[11] 2,061,466
[13] C

[51] Int.Cl. 5E06C 7/16 5E06C 7/14 5E06C
7/48
[25] EN
[54] LADDER BRACKET
[54] SUPPORT D'ECHELLE
[72] GRUBER, EUGENE, CA
[73] GRUBER, EUGENE, CA
[22] 1992-02-19
[30] US (07/678,393) 1991-04-01

[11] 2,061,725
[13] C

[51] Int.Cl. 5C07C 5/22
[25] EN
[54] PROCESS FOR THE CONVERSION
OF A FEEDSTOCK COMPRISING
LINEAR OLEFINS
[54] METHODE DE CONVERSION
D'UNE ALIMENTATION
RENFERMANT DES OLEFINES
LINEAIRES
[72] GRANDVALLET, PIERRE, NL
[72] KRAUSHAAR-CZARNETZKI,
BETTINA, NL
[72] DE JONG, KRIJN P., NL
[72] MOOIWEER, HENDRIK H., NL
[72] KORTBEEK, ANDRAS G. T. G., NL
[73] SHELL CANADA LIMITED, CA
[22] 1992-02-24
[30] GB (9103989.1) 1991-02-26

[11] 2,062,389
[13] C

[51] Int.Cl. 5B65D 1/02 5B65D 25/28
5B65D 1/40
[25] EN
[54] HOT FILL PLASTIC CONTAINER
WITH INVERTIBLE VACUUM
COLLAPSE SURFACES IN THE HAND
GRIPS
[54] CONTENANT EN PLASTIQUE
POUR LIQUIDE CHAUD A POIGNEES
DEPLIABLES
[72] BROWN, RANDALL S., US
[72] EBERLE, THEODORE F., US
[73] AMCOR LIMITED, AU
[22] 1992-03-06
[30] US (670,586) 1991-03-18

[11] 2,064,510
[13] C

[51] Int.Cl. 5H02G 5/08 5H01R 4/34
[25] EN
[54] POWER DISTRIBUTION
APPARATUS
[54] APPAREIL DE DISTRIBUTION DE
PUISSANCE
[72] ROWE, NEAL EDWARD, US
[73] EATON CORPORATION, US
[22] 1992-03-31
[30] US (678,767) 1991-04-01

[11] 2,069,800
[13] C

[51] Int.Cl. 5H01B 17/42
[25] FR
[54] DISPOSITIF DE PROTECTION
CONTRE LES EFFETS D'UN
CLAQUAGE POUR EXTREMITÉ DE
CABLE ELECTRIQUE
[54] PROTECTION AGAINST
BURNOUT EFFECTS FOR ELECTRIC
CABLE END
[72] DARCY, ANDRE, FR
[72] FRANCOIS, DANIEL, FR
[72] GAHUNGU, FRANCOIS, FR
[73] NEXANS, FR
[22] 1992-05-28
[30] FR (91 06 455) 1991-05-29

[11] 2,070,113
[13] C

[51] Int.Cl. 5G08G 1/09
[25] EN
[54] OPTICAL TRAFFIC PREEMPTION
DETECTOR CIRCUITRY
[54] CIRCUIT OPTIQUE DE
DETECTION DE PRIORITE DANS LE
TRAFIC
[72] HAMER, STEVEN M., US
[73] MINNESOTA MINING AND
MANUFACTURING COMPANY, US
[22] 1992-06-01
[30] US (07/720,894) 1991-06-24

[11] 2,070,273
[13] C

[51] Int.Cl. 5G02B 6/38 5H01R 15/00
5G02B 6/42
[25] EN
[54] COMBINED CONNECTOR FOR
COUPLING ELECTRICAL
CONDUCTORS AND OPTICAL
CONDUCTORS RESPECTIVELY
[54] CONNECTEUR COMBINE POUR
LE COUPLAGE DE CONDUCTEURS
ELECTRIQUES ET OPTIQUES
RESPECTIVEMENT
[72] KIRMA, SAFA, DE
[73] AIRBUS DEUTSCHLAND GMBH, DE
[22] 1992-06-02
[30] DE (P 41 18 096.8) 1991-06-03

[11] 2,070,573
[13] C

[51] Int.Cl. 5C07D 471/18 5C07D 519/00
5C07D 491/22 5C07D 495/22 5C07D 497/
22 5A61K 31/435 5A61K 31/53 5A61K 31/
535
[25] EN
[54] DERIVATIVES OF AMIDE
ANALOGS OF CERTAIN METHANO
BRIDGED QUINOLIZINES
[54] DERIVES D'ANALOGUES AMIDES
DE CERTAINES QUINOLIZINES A
PONT METHANO
[72] GITTO, MAURICE W., FR
[73] MERRELL PHARMACEUTICALS
INC., US
[22] 1992-06-05
[30] EP (91 401 550.8) 1991-06-11

**Brevets canadiens délivrés
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[11] **2,072,738**
[13] C

[51] **Int.Cl. 5C08G 8/10 5C08L 61/10**
[25] EN
[54] **NOVOLAK RESIN FROM FRACTIONATED FAST-PYROLYSIS OILS**
[54] **NOVOLAQUE OBTENUE A PARTIR D'HYDROCARBURES DE PYROLYSE RAPIDE FRACTIONNES**
[72] CHUM, HELENA L., US
[72] KREIBICH, ROLAND E., US
[73] MRI VENTURES, INC., US
[85] 1992-06-29
[86] 1990-12-28 (PCT/US1990/007664)
[87] (WO1991/009892)
[30] US (456,654) 1989-12-29

[11] **2,076,674**
[13] C

[51] **Int.Cl. 5C07C 409/26 5C07C 407/00**
[25] EN
[54] **PROCESS FOR THE ACCELERATED PRODUCTION OF STABLE SOLUTIONS, IN EQUILIBRIUM, OF PERACETIC ACID IN LOW CONCENTRATIONS**
[54] **PROCEDE D'OBTENTION ACCELEREE DE SOLUTIONS STABLES, EN EQUILIBRE, D'ACIDE PERACETIQUE EN FAIBLE CONCENTRATION**
[72] BRANCO DA SILVA, ALCIDES, BR
[72] BATISTA TOGNETTI, JOAO, BR
[72] RUSTON DADABHOY, JAL, BR
[73] PEROXIDOS DO BRASIL LTDA., BR
[85] 1992-08-21
[86] 1991-02-22 (PCT/BR1991/000002)
[87] (WO1991/013059)
[30] BR (PI 9000909) 1990-02-23

[11] **2,077,482**
[13] C

[51] **Int.Cl. 5A23C 9/20**
[25] EN
[54] **HYPOALLERGENIC PRODUCTS FROM NATURAL AND/OR SYNTHETIC COMPONENTS AND PROCESS OF MAKING**
[54] **PRODUITS HYPOALLERGENES FAITS DE COMPOSANTS NATURELS OU SYNTHETIQUES, ET PROCEDE DE FABRICATION**
[72] GIRSH, LEONARD S., US
[73] IMMUNOPATH PROFILE, INC., US
[22] 1992-09-03
[30] US (754,872) 1991-09-04

[11] **2,077,744**
[13] C

[51] **Int.Cl. 5C08F 4/72 5C08F 2/02**
[25] EN
[54] **HOMOGENEOUS-HETEROGENEOUS CATALYST SYSTEM FOR POLYOLEFINS**
[54] **SYSTEME CATALYTIQUE A CATALYSEURS HOMOGENES ET HETEROGENES POUR LA PRODUCTION DE POLYOLEFINES**
[72] SHAMSHOUM, EDWAR SHOUKRI, US
[72] ELDER, MICHAEL J., US
[72] REDDY, BAIREDDY RAGHAVA, US
[72] RAUSHCER, DAVID JOHN, US
[73] FINA TECHNOLOGY, INC., US
[22] 1992-09-08
[30] US (768,783) 1991-09-30

[11] **2,078,466**
[13] C

[51] **Int.Cl. 5C07C 255/44 5C07D 405/12 5A61K 31/275 5A61K 31/36 5C07C 317/40 5C07C 323/41 5A61K 31/44 5C07C 255/60 5C07D 317/62 5C07D 213/75**
[25] FR
[54] **NOUVEAUX DERIVES DU 3-CYCLOALKYL-PROPEN-2-AMIDE, LEURS FORMES TAUTOMERES ET LEURS SELS, PROCEDE DE PREPARATION, APPLICATION A TITRE DE MEDICAMENTS ET COMPOSITIONS LES RENFERMANT**
[54] **NOVEL 3-CYCLOALKYL-PROPEN-2-AMIDE DERIVATIVES, TAUTOMERS AND SALTS THEREOF, PROCESS FOR PREPARING THE SAME AND THEIR USE AS DRUGS, COMPOSITIONS CONTAINING THEM**
[72] KUO, ELIZABETH ANNE, GB
[73] AVENTIS PHARMA S.A., FR
[22] 1992-09-17
[30] GB (91 19 874.7) 1991-09-17
[30] GB (13972.4) 1992-07-01

[11] **2,079,315**
[13] C

[51] **Int.Cl. 5A61N 1/30**
[25] EN
[54] **DEVICE AND METHOD FOR IONTOPHORETIC DRUG DELIVERY**
[54] **INSTRUMENT ET METHODE D'ADMINISTRATION D'UN MEDICAMENT IONTOPHORETIQUE**
[72] PHIPPS, JOSEPH BRADLEY, US
[72] HOWLAND, WARREN W., US
[72] JEVNE, ALLAN H., US
[72] HOLMBLAD, CAROLANN, US
[73] ALZA CORPORATION, US
[85] 1992-09-28
[86] 1991-03-26 (PCT/US1991/002030)
[87] (WO1991/015260)
[30] US (07/502,841) 1990-03-30
[30] US (07/675,313) 1991-03-26

[11] **2,079,954**
[13] C

[51] **Int.Cl. 5C08F 4/22**
[25] FR
[54] **PROCEDE DE PREPARATION DE CATALYSEURS DE POLYMERISATION DES OLEFINES, CATALYSEURS OBTENUS SELON CE PROCEDE ET PROCEDE POUR POLYMERISER LES OLEFINES EN PRESENCE DE CES CATALYSEURS**
[54] **PROCESS FOR PREPARING CATALYSTS FOR THE POLYMERIZATION OF OLEFINS; CATALYSTS THUS OBTAINED AND PROCESS USING THESE CATALYSTS FOR THE POLYMERIZATION OF OLEFINS**
[72] KOCH, BENOIT, BE
[73] SOLVAY POLYOLEFINS EUROPE - BELGIUM (SOCIETE ANONYME), BE
[22] 1992-10-06
[30] BE (09 100 942) 1991-10-14

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[11] **2,083,784**
[13] C

[51] **Int.Cl. 5C08L 33/26 5E21B 43/22**
[25] EN
[54] **AQUEOUS GELLABLE COMPOSITION CONTAINING AN ANTI-SYNERESIS AGENT**
[54] **COMPOSITION AQUEUSE GELIFIABLE CONTENANT UN AGENT ANTI-SYNERESE**
[72] ALBONICO, PAOLA, IT
[72] LOCKHART, THOMAS PAUL, IT
[73] ENIRICERCHE S.P.A., IT
[73] AGIP S.P.A., IT
[22] 1992-11-25
[30] IT (MI91 A 003151) 1991-11-26
[30] IT (MI91 A 003275) 1991-12-06
[30] IT (MI92 A 000230) 1992-02-06

[11] **2,085,048**
[13] C

[51] **Int.Cl. 5G01N 27/82**
[25] EN
[54] **MAGNETIC FIELD ANALYSIS METHOD FOR DETERMINING STRESS CHARACTERISTICS**
[54] **METHODE D'ANALYSE DE CHAMP MAGNETIQUE SERVANT A DETERMINER LES CARACTERISTIQUES DES CONTRAINTEES**
[72] DOWNS, ROBERT W., US
[72] SIMEK, JAMES C., US
[73] VETCO PIPELINE SERVICES, INC., US
[22] 1992-12-10
[30] US (07/808,425) 1991-12-16

[11] **2,088,442**
[13] C

[51] **Int.Cl. 5G06F 13/16**
[25] EN
[54] **METHOD AND SYSTEM FOR FILE SYSTEM MANAGEMENT USING A FLASH-ERASABLE, PROGRAMMABLE, READ-ONLY MEMORY**
[54] **METHODE ET SYSTEME DE GESTION DE FICHIERS UTILISANT UNE MEMOIRE MORTE PROGRAMMABLE A EFFACEMENT RAPIDE**
[72] KRUEGER, WILLIAM J., US
[72] RAJAGOPALAN, SRIRAM, US
[73] MICROSOFT CORPORATION, US
[22] 1993-01-29
[30] US (07/828,763) 1992-01-29

[11] **2,083,905**
[13] C

[51] **Int.Cl. 5B65B 11/00**
[25] EN
[54] **WRAPPING APPARATUS WITH SHUTTLE CHANGE**
[54] **APPAREIL D'EMBALLAGE A CHANGEMENT DE NAVETTE**
[72] CLEINE, KENNETH DAVID, AU
[72] VENTURIN, JOHN GERARD, AU
[73] K.C. METAL PRODUCTS PTY. LTD., AU
[22] 1992-11-26
[30] AU (PK 9726) 1991-11-27
[30] AU (PL 1886) 1992-04-13

[11] **2,085,446**
[13] C

[51] **Int.Cl. 5H01L 31/12**
[25] EN
[54] **ORGANIC ELECTROLUMINESCENT MULTICOLOR IMAGE DISPLAY DEVICE**
[54] **DISPOSITIF ELECTROLUMINESCENT ORGANIQUE POUR L'AFFICHAGE D'IMAGES EN COULEURS**
[72] TANG, CHING WAN, US
[72] WILLIAMS, DAVID JAMES, US
[72] CHANG, JACK CHE-MAN, US
[73] EASTMAN KODAK COMPANY, US
[22] 1992-12-15
[30] US (814,553) 1991-12-30

[11] **2,088,612**
[13] C

[51] **Int.Cl. 5H04B 10/06**
[25] EN
[54] **SEMICONDUCTOR LIGHT DETECTING DEVICE**
[54] **DETECTEUR DE LUMIERE A SEMICONDUCTEUR**
[72] KUHARA, YOSHIKI, JP
[72] KOSEKI, HIDEAKI, JP
[72] MICHIKOSHI, HISATO, JP
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 1993-02-02
[30] JP (17606/1992) 1992-02-03
[30] JP (17620/1992) 1992-02-03

[11] **2,084,775**
[13] C

[51] **Int.Cl. 5A61K 31/58 5A61K 31/56**
[25] EN
[54] **METHOD OF TREATING HUMAN PROSTATIC ADENOCARCINOMA**
[54] **MODE DE TRAITEMENT DE L'ADENOCARCINOME PROSTATIQUE HUMAIN**
[72] JOHNSON, RANDALL KEITH, US
[73] SMITHKLINE BEECHAM CORPORATION, US
[85] 1992-12-07
[86] 1991-06-21 (PCT/US1991/004508)
[87] (WO1992/000010)
[30] US (544,709) 1990-06-27

[11] **2,088,330**
[13] C

[51] **Int.Cl. 5G02F 1/025 5H04B 10/04**
[25] EN
[54] **OPTICAL PULSE GENERATOR**
[54] **GENERATEUR D'IMPULSIONS OPTIQUE**
[72] SUZUKI, MASATOSHI, JP
[72] TANAKA, HIDEAKI, JP
[72] MATSUSHIMA, YUICHI, JP
[73] KOKUSAI DENSHIN DENWA KABUSHIKI KAISHA, JP
[22] 1993-01-28
[30] JP (46390/2) 1992-02-03
[30] JP (129353/92) 1992-04-23

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[11] **2,095,188**
[13] C

[51] **Int.Cl. 5C08G 12/08 5C08G 73/02 5C08G 18/72**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF POLYAMINE MIXTURES OF THE POLY-AMINO-POLYARYL-POLYMETHYLENE SERIES**
[54] **PROCEDE POUR LA PRODUCTION DE MELANGES DE POLYAMINES DE LA SERIE DES POLYAMINO-POLYARYL-POLYMETHYLENES**
[72] KONIG, CHRISTIAN, DE
[72] GALLUS, MANFRED, DE
[72] WULLNER, REINHOLD, DE
[72] RICHTER, FRANZ-MORITZ, DE
[72] UCHDORF, RUDOLF, BR
[72] FORESTER, WILLIAM C., US
[73] BAYER AKTIENGESELLSCHAFT, DE
[73] BAYER CORPORATION, US
[22] 1993-04-29
[30] US (877,684) 1992-05-01

[11] **2,095,293**
[13] C

[51] **Int.Cl. 5H02G 3/22**
[25] EN
[54] **POKE-THROUGH WIRING FITTING WITH FLAP COVER ASSEMBLY**
[54] **RACCORD DE CABLAGE TRAVERSANT AVEC COUVERCLE A RABAT**
[72] WUERTZ, EMIL SIMON, US
[73] HUBBELL INCORPORATED, US
[22] 1993-04-30
[30] US (07/921,576) 1992-07-30

[11] **2,096,287**
[13] C

[51] **Int.Cl. 5C08G 63/64 5C09D 167/00 5C09D 169/00 5C09D 175/06 5C08G 18/42 5C08G 63/685**
[25] EN
[54] **WATER DILUTABLE, POLYESTER POLYOLS AND THEIR USE IN COATING COMPOSITIONS**
[54] **POLYESTERS POLYOLS DILUABLES DANS L'EAU; LEUR UTILISATION DANS DES COMPOSITIONS DE REVETEMENT**
[72] BLUM, HARALD, DE
[72] KAHL, LOTHAR, DE
[72] YUVA, NUSRET, DE
[72] BOCK, MANFRED, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
[22] 1993-05-14
[30] DE (P 42 16 536.9) 1992-05-19

[11] **2,096,803**
[13] C

[51] **Int.Cl. 5C08G 63/12 5C09D 175/06**
[25] EN
[54] **POLYESTER POLYOLS AND THEIR USE IN TWO-COMPONENT POLYURETHANE LACQUERS**
[54] **POLYOLS POLYESTERS ET LEUR UTILISATION DANS DES VERNIS-LAQUES DE POLYURETHANE A DEUX COMPOSANTS**
[72] WAMPRECHT, CHRISTIAN, DE
[72] HENNING, WOLFGANG, JP
[72] PETZOLDT, JOACHIM, DE
[72] MEIXNER, JURGEN, DE
[73] BAYER AKTIENGESELLSCHAFT, DE
[22] 1993-05-21
[30] DE (P 42 17 363.9) 1992-05-26

[11] **2,097,715**
[13] C

[51] **Int.Cl. 5C07D 403/06 5C07D 409/00 5C07D 295/04 5C07D 405/14 5C07D 413/14 5C07D 417/14 5A61K 31/495**
[25] EN
[54] **INDAN DERIVATIVES**
[54] **DERIVES DE L'INDAN**
[72] BOGESO, KLAUS P., DK
[72] BREGNEDAL, PETER, DK
[73] H. LUNDBECK A/S, DK
[85] 1993-06-03
[86] 1991-11-28 (PCT/DK1991/000358)
[87] (WO1992/010192)
[30] DK (2869/90) 1990-12-04

[11] **2,099,248**
[13] C

[51] **Int.Cl. 5E21B 44/00**
[25] EN
[54] **METHOD OF DRILLING A HOLE IN A ROCK**
[54] **METHODE DE FORAGE DANS LE ROC**
[72] MATTERO, UNTO, FI
[73] SANDVIK TAMROCK OY, FI
[85] 1993-06-25
[86] 1992-01-02 (PCT/FI1992/000002)
[87] (WO1992/012329)
[30] FI (910039) 1991-01-03

[11] **2,099,588**
[13] C

[51] **Int.Cl. 5A61K 9/127 5A61K 31/19 5A61K 31/40 5A61K 31/42 5A61K 31/53 5A61K 31/54**
[25] EN
[54] **PREVENTION OF SYNOVIAL ADHESIONS**
[54] **PREVENTION DES ADHERENCES SYNOVIALES**
[72] MOORE, LARRY J., US
[72] ADLER-MOORE, JILL, US
[73] NEXSTAR PHARMACEUTICALS, INC., US
[85] 1993-06-02
[86] 1991-12-03 (PCT/US1991/009017)
[87] (WO1992/009268)
[30] US (07/621,625) 1990-12-03

[11] **2,099,906**
[13] C

[51] **Int.Cl. 5B01J 13/00**
[25] EN
[54] **MODIFIED STANNIC OXIDE-ZIRCONIUM OXIDE COMPOSITE SOL AND PROCESS FOR PREPARING THE SAME**
[54] **SOL COMPOSITE DE TYPE OXYDE DE ZIRCONIUM-OXYDE STANNIQUE MODIFIE ET PROCEDE POUR SA PREPARATION**
[72] WATANABE, YOSHITANE, JP
[72] SUZUKI, KEITARO, JP
[72] MATSUKURA, TETSUNORI, JP
[73] NISSAN CHEMICAL INDUSTRIES LTD., JP
[22] 1993-07-06
[30] JP (179869/1992) 1992-07-07

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[11] 2,100,702
[13] C

[51] Int.Cl. 5H04M 3/42
[25] EN
[54] **OPTION BUS
BUS A OPTIONS**
[72] ADAMS, JOEL, US
[72] DUNN, WILLIAM FRANKLIN, US
[72] ENDICK, NORMAN, US
[72] KOEHLER, JAMES BRIAN, US
[72] LE, DIEP, US
[72] STELL, LARRY ALLEN, US
[73] ROLM COMPANY, US
[22] 1993-07-16
[30] US (916,286) 1992-07-17

[11] 2,103,665
[13] C

[51] Int.Cl. 6C07K 5/027 5C07D 249/02
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5C07D 207/34 5C07D 333/38 5C07D 231/
40 5C07D 263/48 5C07D 277/56 5C07D
307/68 5C07D 233/90
[25] EN
[54] **OLIGOPEPTIDE
ANTIRETROVIRAL AGENTS**
[54] **AGENTS ANTIRETROVIRAUX
OLIGOPEPTIDIQUES**
[72] LOWN, J. WILLIAM, CA
[72] MICETICH, RONALD GEORGE, CA
[73] THE GOVERNORS OF THE
UNIVERSITY OF ALBERTA, CA
[85] 1993-08-05
[86] 1992-02-05 (PCT/CA1992/000051)
[87] (WO1992/013838)
[30] US (650,616) 1991-02-06

[11] 2,106,654
[13] C

[51] Int.Cl. 5F02F 7/00
[25] EN
[54] **INTERNAL COMBUSTION
ENGINE HAVING A HYPEREUTECTIC
ALUMINUM-SILICON BLOCK AND
ALUMINUM-COPPER PISTONS**
[54] **MOTEUR A COMBUSTION
INTERNE A BLOC-CYLINDRES EN
ALLIAGE HYPEREUTECTIQUE
D'ALUMINIUM ET DE SILICIUM ET
PISTON EN ALLIAGE D'ALUMINIUM
ET DE CUIVRE**
[72] DONAHUE, RAYMOND J., US
[72] CLEARY, TERRANCE M., US
[72] SHEAFFER, BENJAMIN L., US
[73] BRUNSWICK CORPORATION, US
[22] 1993-09-21
[30] US (957,730) 1992-10-07

[11] 2,107,068
[13] C

[51] Int.Cl. 5G01S 7/295
[25] EN
[54] **ADAPTIVE PARAMETRIC DATA
CHANNELIZER FOR ACQUIRING AND
TRACKING DISCRETE INTERLEAVED
SIGNALS**
[54] **REPARTITEUR DE DONNEES
PARAMETRIQUE ADAPTATIF POUR
LA SAISIE ET LA POURSUITE DE
SIGNAUX DISCRETS ENTRELACES**
[72] BARRY, BRIAN M., CA
[72] ALTOFT, JOHN R., CA
[72] INKOL, ROBERT J., CA
[72] MICKEAL, JAMES F., CA
[72] MACKEAN, GORDON, CA
[73] MINISTER OF NATIONAL
DEFENCE, CA
[22] 1993-09-27

[11] 2,108,018
[13] C

[51] Int.Cl. 6A61K 38/13 5A61K 9/14
5A61K 47/24
[25] EN
[54] **COLLOIDAL PARTICLES OF
WATER INSOLUBLE BIOLOGICALLY
ACTIVE SUBSTANCES**
[54] **PARTICULES COLLOIDALES DE
SUBSTANCES INSOLUBLES DANS
L'EAU ET BIOLOGIQUEMENT
ACTIVES**
[72] GASSMANN, PETER, DE
[72] SUCKER, HEINZ, CH
[73] NOVARTIS AG, CH
[85] 1993-10-07
[86] 1992-04-16 (PCT/EP1992/000862)
[87] (WO1992/018105)
[30] DE (P 41 12 854.0) 1991-04-19
[30] DE (P 41 13 016.2) 1991-04-20
[30] DE (P 41 13 343.9) 1991-04-24

[11] 2,109,032
[13] C

[51] Int.Cl. 5G01F 23/70
[25] EN
[54] **SIDE-MOUNTABLE LIQUID
LEVEL SENSOR ASSEMBLY**
[54] **NIVELLOMETRE MONTE SUR LE
COTE D'UN CONTENANT**
[72] GOMEZ, EDWARD JR., US
[73] STANDEX INTERNATIONAL
CORPORATION, US
[22] 1993-10-22
[30] US (108,047) 1993-08-17

[11] 2,109,609
[13] C

[51] Int.Cl. 5B05C 21/00
[25] EN
[54] **MASKING PROFILE FOR USE IN
PAINTING CAR BODIES**
[54] **CACHE POUR LA PEINTURE DE
CARROSSERIE DE VOITURE**
[72] RIBIC, HARALD JR., DE
[73] RIBIC, HARALD JR., DE
[85] 1993-11-18
[86] 1992-05-09 (PCT/EP1992/001021)
[87] (WO1992/020461)
[30] DE (G 91 06 206.3) 1991-05-18
[30] DE (P 41 23 964.4) 1991-07-19

[11] 2,110,184
[13] C

[51] Int.Cl. 5A61F 2/16
[25] EN
[54] **INTRAOCULAR LENS WITH
HAPTIC ANCHOR PLATE**
[54] **LENTILLE INTRAOCULAIRE
AVEC PLAQUE DE FIXATION
HAPTIQUE**
[72] CUMMING, J. STUART, US
[73] MEDEVAC LICENSING B.V., NL
[85] 1993-11-26
[86] 1991-06-06 (PCT/US1991/004001)
[87] (WO1992/021304)

[11] 2,112,487
[13] C

[51] Int.Cl. 5A61K 31/415
[25] EN
[54] **METHOD AND COMPOSITIONS
FOR TREATING EMESIS, NAUSEA
AND OTHER DISORDERS USING
OPTICALLY PURE R(+)
ONDANSETRON**
[54] **METHODE ET COMPOSITIONS
POUR LE TRAITEMENT DES
VOMISSEMENTS, DES NAUSEES ET
D'AUTRES TROUBLES A
L'ONDANSETRON OPTIQUEMENT
PUR R(+)**
[72] YOUNG, JAMES W., US
[73] SEPRACOR, INC., US
[85] 1993-12-24
[86] 1992-06-25 (PCT/US1992/005376)
[87] (WO1993/000074)
[30] US (721,868) 1991-06-26
[30] US (750,387) 1991-08-27

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[11] **2,112,679**
[13] C

[51] **Int.Cl. 5A61K 9/22**
[25] EN
[54] **DOSAGE FORM FOR DELIVERING DRUG IN SHORT-TIME PERIOD**
[54] **FORME PHARMACEUTIQUE POUR LA LIBERATION RAPIDE D'UN MEDICAMENT**
[72] GUITTARD, GEORGE V., US
[72] CARPENTER, HOWARD A., US
[72] QUAN, ERNEST S., US
[72] WONG, PATRICK S.-L., US
[72] HAMEL, LAWRENCE G., US
[73] ALZA CORPORATION, US
[85] 1993-12-30
[86] 1992-08-19 (PCT/US1992/007034)
[87] (WO1993/003711)
[30] US (07/747,899) 1991-08-19

[11] **2,112,971**
[13] C

[51] **Int.Cl. 5H04B 7/26**
[25] EN
[54] **A METHOD FOR UPDATING ONE OR MORE HLR-DATABASES INCLUDED IN A MOBILE TELEPHONE SYSTEM**
[54] **METHODE POUR METTRE A JOUR UNE OU PLUSIEURS BASES DE DONNEES DE POSITIONS D'UTILISATEUR PERMANENT DE SYSTEME DE TELEPHONIE MOBILE**
[72] MOBERG, JORGEN, SE
[72] LANTTO, JORGEN, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 1994-01-06
[86] 1993-05-06 (PCT/SE1993/000397)
[87] (WO1993/025051)
[30] SE (9201723-5) 1992-06-03

[11] **2,117,098**
[13] C

[51] **Int.Cl. 5B64B 1/02**
[25] EN
[54] **DIRIGIBLE AIRSHIP**
[54] **DIRIGEABLE ARTICULE**
[72] FERGUSON, FREDERICK D., CA
[73] AV-INTEL INC., CA
[85] 1994-03-04
[86] 1992-09-09 (PCT/CA1992/000387)
[87] (WO1993/004916)
[30] US (757,059) 1991-09-09

[11] **2,117,378**
[13] C

[51] **Int.Cl. 5G01N 33/569 5G01N 33/543**
[25] EN
[54] **HTLV-I/HTLV-II ASSAY AND METHOD**
[54] **DOSAGE ET METHODE DE DETECTION DE HTLV-I/HTLV-II**
[72] FOUNG, STEVEN K. H., US
[72] HADLOCK, KENNETH G., US
[72] CHOW, THERESA P., SG
[73] BOARD OF TRUSTEES OF LELAND STANFORD JR. UNIVERSITY (THE), US
[73] GENELABS TECHNOLOGIES, INC., US
[85] 1994-07-07
[86] 1993-02-19 (PCT/US1993/001498)
[87] (WO1993/017341)
[30] US (840,906) 1992-02-24

[11] **2,117,380**
[13] C

[51] **Int.Cl. 6A61K 38/42**
[25] EN
[54] **INHIBITION OF NITRIC OXIDE-MEDIATED HYPOTENSION AND SEPTIC SHOCK WITH IRON-CONTAINING HEMOPROTEIN**
[54] **INHIBITION DE L'HYPOTENSION ET DU CHOC SEPTIQUE MEDIES PAR L'OXYDE NITRIQUE, PAR UNE HEMOPROTEINE CONTENANT DU FER**
[72] KILBOURN, ROBERT G., US
[72] DE ANGELO, JOSEPH, US
[72] BONAVENTURA, JOSEPH, US
[73] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[73] APEX BIOSCIENCE, INC., US
[73] DUKE UNIVERSITY, US
[85] 1994-07-07
[86] 1993-02-16 (PCT/US1993/001288)
[87] (WO1993/016721)
[30] US (07/838,603) 1992-02-19

[11] **2,120,599**
[13] C

[51] **Int.Cl. 5A61K 9/70**
[25] EN
[54] **TRANSDERMAL THERAPEUTIC SYSTEMS CONTAINING CRYSTALLIZATION INHIBITORS**
[54] **SYSTEMES THERAPEUTIQUES TRANSDERMIQUES CONTENANT DES INHIBITEURS DE CRISTALLISATION**
[72] LIPP, RALPH, DE
[72] RIEDL, JUTTA, DE
[72] TACK, JOHANNES, DE
[73] SCHERING AKTIENGESELLSCHAFT, DE
[85] 1994-04-05
[86] 1992-10-21 (PCT/EP1992/002478)
[87] (WO1993/008795)
[30] DE (P 41 36 057.5) 1991-10-31
[30] DE (P 42 10 711.3) 1992-03-27

[11] **2,121,790**
[13] C

[51] **Int.Cl. 5H05K 7/20**
[25] EN
[54] **COOLING APPARATUS FOR ELECTRONIC AND COMPUTER COMPONENTS**
[54] **APPAREIL DE REFROIDISSEMENT POUR COMPOSANTS ELECTRONIQUES ET COMPOSANTS D'ORDINATEUR**
[72] ROCKENFELLER, UWE, US
[72] KIROL, LANCE D., US
[73] ROCKY RESEARCH, US
[85] 1994-04-20
[86] 1992-09-04 (PCT/US1992/007492)
[87] (WO1993/010654)
[30] US (794,501) 1991-11-19

[11] **2,129,521**
[13] C

[51] **Int.Cl. 5G01G 19/07 5G01L 19/04 5G01M 1/12**
[25] EN
[54] **AIRCRAFT WEIGHT AND CENTER OF GRAVITY INDICATOR**
[54] **INDICATEUR DE POIDS ET DE CENTRE DE GRAVITE POUR AERONEFS**
[72] NANCE, C. KIRK, US
[73] HYDRO-AIRE, INC., US
[85] 1994-08-04
[86] 1993-02-03 (PCT/US1993/001047)
[87] (WO1993/016359)
[30] US (07/832,470) 1992-02-07
[30] US (07/884,638) 1992-05-15

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[11] 2,130,516
[13] C

[51] Int.Cl. 5C07J 41/00 5A61K 31/565
[25] EN
[54] NEW 11-BENZALDOXIME-ESTRADIENE DERIVATIVES, PROCESSES FOR THEIR PRODUCTION AND PHARMACEUTICALS CONTAINING THESE SUBSTANCES
[54] NOUVEAUX DERIVES DE 11-BENZALDOXIME-ESTRADIENE, METHODES DE PRODUCTION ET PRODUITS PHARMACEUTIQUES CONTENANT CES SUBSTANCES
[72] SCHUBERT, GERD, DE
[72] KAUFMANN, GUNTHER, DE
[72] SOBECK, LOTHAR, DE
[72] OETTEL, MICHAEL, DE
[72] ELGER, WALTER, DE
[72] KURISCHKO, ANATOLI, DE
[73] SCHERING AG, DE
[22] 1994-08-19
[30] DE (P 43 32 283.2) 1993-09-20

[11] 2,131,494
[13] C

[51] Int.Cl. 5C08L 57/00 5F42B 7/00 5C08L 53/00 5C08K 3/08 5F42B 5/28
[25] EN
[54] HIGH SPECIFIC GRAVITY MATERIAL
[54] MATERIAU A DENSITE RELATIVE ELEVEE
[72] GARDNER, JOHN CHRISTOPHER, GB
[72] OLIVER, IAN PETER, GB
[72] PEAKE, TERRY, GB
[72] GARDNER, PETER JAMES, GB
[73] GARDNER, JOHN CHRISTOPHER, GB
[73] OLIVER, IAN PETER, GB
[73] GARDNER, PETER JAMES, GB
[22] 1994-09-06
[30] GB (9318437.2) 1993-09-06

[11] 2,132,214
[13] C

[51] Int.Cl. 5B67D 5/08
[25] EN
[54] AUTOMATIC REFUELLING SYSTEM
[54] INSTALLATION DE RAVITAILLEMENT EN CARBURANT
[72] DWARS, SICCO, NL
[72] VERHAAGEN, CASPAR, NL
[72] VAN OUWERKERK, CORNELIS, NL
[73] SHELL CANADA LIMITED, CA
[85] 1994-09-15
[86] 1993-03-17 (PCT/EP1993/000681)
[87] (WO1993/019004)
[30] EP (92200800.8) 1992-03-19

[11] 2,133,882
[13] C

[51] Int.Cl. 5B02C 23/10
[25] EN
[54] IMPROVED COAL PULVERIZER CLASSIFIER CONE AND CONTROL SYSTEM
[54] SYSTEME DE REGULATION ET DE CLASSEUR CONIQUE DE PULVERISATEUR DE CHARBON
[72] WARK, RICKEY EDWARD, US
[73] SURE ALLOY STEEL CORPORATION, US
[22] 1994-10-07
[30] US (08/135,726) 1993-10-13

[11] 2,135,099
[13] C

[51] Int.Cl. 5A61B 17/34 5A61M 5/14 5A61M 5/46
[25] EN
[54] SURGICAL INSTRUMENT FOR IMPACT INSERTION OF AN INTRAOSSEOUS TROCER-NEEDLE
[54] INSTRUMENT CHIRURGICAL PERMETTANT L'INSERTION DANS L'OS D'UNE AIGUILLE TROCART PAR IMPACT
[72] WAISMAN, MARC, IL
[73] WAIS-MED LIMITED, IL
[22] 1994-11-04
[30] IL (109,294) 1994-04-12

[11] 2,136,499
[13] C

[51] Int.Cl. 5A01D 82/00
[25] EN
[54] CONDITIONING ROLLER ASSEMBLY
[54] ROULEAU DE CONDITIONNEMENT POUR CONDITIONNEUR DE FOURRAGE
[72] TALBOT, FRANCOIS, CA
[73] MACDON INDUSTRIES LTD., CA
[22] 1994-11-23

[11] 2,136,752
[13] C

[51] Int.Cl. 5G02F 1/313 5G02F 1/19
[25] EN
[54] MULTI-BRANCH DIGITAL OPTICAL SWITCH
[54] COMMUTATEUR OPTIQUE NUMERIQUE MULTIBRANCHEMENT
[72] BROWN, JAMES CHARLES, JR., US
[72] MOHAPATRA, SARAT KUMAR, US
[72] TAIT, WILLIAM CHARLES, US
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 1994-11-25
[86] 1993-06-07 (PCT/US1993/005376)
[87] (WO1994/000796)
[30] US (07/905035) 1992-06-26

[11] 2,137,774
[13] C

[51] Int.Cl. 5D03D 15/12
[25] EN
[54] ARAMID FABRIC FOR GARMENTS OF IMPROVED COMFORT
[54] TISSU DE FILS ARAMIDES POUR LA CONFECTION DE VETEMENTS
[72] BALIGA, BANTWAL JANARDHANA, US
[72] HOFFMAN, DONALD EDMUND, US
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 1994-12-09
[86] 1993-06-14 (PCT/US1993/005500)
[87] (WO1993/025741)
[30] US (07/899,281) 1992-06-16

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[11] **2,138,939**
[13] C

[51] **Int.Cl. 5A01D 47/00 5A01D 45/00**
[25] EN
[54] **DRAPER HEADER WITH CANVAS TO CUTTER BAR SEAL**
[54] **TETE DE COUPE A TABLIER MUNIE D'UN JOINT D'ETANCHEITE ENTRE LA TOILE ET LA BARRE DE COUPE**
[72] TALBOT, FRANCOIS, CA
[72] FOX, THOMAS RUSSELL, CA
[73] MACDON INDUSTRIES LTD., CA
[22] 1994-12-22

[11] **2,139,820**
[13] C

[51] **Int.Cl. 6A61N 5/06 6F21V 8/00 6F21V 9/00**
[25] EN
[54] **FIBEROPTIC ILLUMINATOR FOR INFANT CARE**
[54] **ILLUMINATEUR FIBROSCOPIQUE POUR LE TRAITEMENT DES NOURRISSONS**
[72] NICHOLAS, HOWARD B., US
[72] BUTTITTA, ANTHONY D., US
[73] DATEX-OHMEDA, INC., US
[22] 1995-01-09
[30] US (08/242,907) 1994-05-13

[11] **2,140,777**
[13] C

[51] **Int.Cl. 6H04B 7/24 6G09F 9/00**
[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING ELECTRONIC SIGNALS USING RADIOPAGING SIGNALS**
[54] **METHODE ET APPAREIL DE COMMANDE DE PANNEAUX ELECTRONIQUES UTILISANT LES SIGNAUX DE RADIOMESSAGERIE**
[72] DABBS, JAMES M., III, US
[72] SMITH, S. TOM, US
[72] BUNDY, ROBERT S., US
[73] SIGNTEL, INC., US
[85] 1995-01-20
[86] 1993-07-21 (PCT/US1993/006762)
[87] (WO1994/003019)
[30] US (07/917,206) 1992-07-22

[11] **2,144,412**
[13] C

[51] **Int.Cl. 6G01S 5/14**
[25] EN
[54] **DIFFERENTIAL GPS LANDING ASSISTANCE SYSTEM**
[54] **SYSTEME D'AIDE A L'ATTERRISSAGE PAR SYSTEME GPS EN MODE DIFFERENTIEL**
[72] CLASS, KIM A., US
[72] HARTMAN, RANDOLPH G., US
[72] HELGESON, BRETT J., US
[73] HONEYWELL INC., US
[85] 1995-03-10
[86] 1993-11-02 (PCT/US1993/010582)
[87] (WO1994/010582)
[30] US (07/970,320) 1992-11-02

[11] **2,145,390**
[13] C

[51] **Int.Cl. 6G03B 21/132**
[25] EN
[54] **OVERHEAD PROJECTOR FOCUS ARM ADJUSTMENT MECHANISM**
[54] **MECANISME DE REGLAGE DE BRAS POUR FOCALISER UN RETROPROJECTEUR**
[72] PETERSON, JAMES EVERETT, US
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US
[85] 1995-03-23
[86] 1993-09-07 (PCT/US1993/008402)
[87] (WO1994/009404)
[30] US (07/960,562) 1992-10-22

[11] **2,150,926**
[13] C

[51] **Int.Cl. 6H04B 14/02 6G10L 9/00 6H04L 5/02 6H03M 7/30**
[25] EN
[54] **TRANSMISSION SYSTEM IMPLEMENTING DIFFERENT CODING PRINCIPLES**
[54] **SYSTEME DE TRANSMISSION RECORANT A PLUSIEURS PRINCIPES DE CODAGE**
[72] WUPPERMANN, FRIEDHELM, NL
[72] DE BONT, FRANCISCUS MARINUS JOZEPHUS, NL
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
[85] 1995-06-02
[86] 1994-10-11 (PCT/IB1994/000309)
[87] (WO1995/010890)
[30] BE (9301077) 1993-10-11

[11] **2,155,720**
[13] C

[51] **Int.Cl. 6G02B 6/44 6G02B 6/46 6G02B 6/48**
[25] EN
[54] **GUIDING OPTICAL FIBRES**
[54] **GUIDAGE DE FIBRES OPTIQUES**
[72] LLEWELLYN, LAURENCE, GB
[72] GRAVESTON, MARK GEORGE, GB
[72] BENTON, SIMON CHARLES TRISTAN, GB
[72] KANDASAMY, ISPRAN SHARMA, GB
[72] HALE, PETER GEORGE, GB
[72] JENKINS, PETER DAVID, GB
[72] HOUGH, STEPHEN JOHN, GB
[73] PIRELLI GENERAL PLC, GB
[22] 1995-08-09
[30] GB (9416462.1) 1994-08-15

[11] **2,155,810**
[13] C

[51] **Int.Cl. 6H02P 1/42**
[25] EN
[54] **APPARATUS AND METHOD FOR STARTING AND CONTROLLING A MOTOR**
[54] **APPAREIL ET METHODE POUR LE DEMARRAGE ET LA REGULATION D'UN MOTEUR**
[72] BANKS, SCOTT A., US
[72] KRAVETS, VALERY, US
[72] FOX, JOHN C., US
[73] PENN VENTILATOR CO., INC., US
[22] 1995-08-10
[30] US (08/289,070) 1994-08-11

[11] **2,156,033**
[13] C

[51] **Int.Cl. 6E04H 15/32**
[25] EN
[54] **AWNING TENSIONING STRUCTURE**
[54] **STRUCTURE DE TENSION POUR AUVENT**
[72] LAPOINTE, SERGE, CA
[73] LAPOINTE, SERGE, CA
[22] 1995-08-14

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[11] 2,156,499
[13] C

[51] Int.Cl. 6A22C 13/00
[25] EN
[54] **EDIBLE FOODSTUFF WRAPPING FOIL**
[54] **FEUILLE COMESTIBLE D'ENROBAGE DE DENREES ALIMENTAIRES**
[72] PEIFFER, BERND, DE
[72] KEIL, JOACHIM, DE
[72] MASER, FRANZ, DE
[73] NATURIN GMBH & CO., DE
[85] 1995-08-18
[86] 1994-10-14 (PCT/EP1994/003395)
[87] (WO1995/017100)
[30] DE (P 43 43 670.6) 1993-12-21

[11] 2,161,581
[13] C

[51] Int.Cl. 6B66B 13/08
[25] EN
[54] **OVERHEAD SUPPORTING BEAM FOR AN ELEVATOR DOOR AND A DOOR MECHANISM ARRANGEMENT**
[54] **POUTRE DE TRAVERSE SUPERIEURE POUR PORTE D'ASCENSEUR AVEC MECANISME DE MANOEUVRE DE LA PORTE**
[72] KARNER, GERHARD, AT
[72] MITTERMAYR, FRANZ, AT
[72] KARNER, FRANZ JOSEF, AT
[73] KONE OY, FI
[22] 1995-10-27
[30] FI (945129) 1994-10-31

[11] 2,169,137
[13] C

[51] Int.Cl. 6B65D 17/42 6B05C 17/00 6B65D 51/22 6B65D 83/76
[25] EN
[54] **LIQUID APPLICATOR WITH SLIDE RING ACTIVATOR**
[54] **APPLICATEUR DE LIQUIDE AVEC ACTIONNEUR A ANNEAU COULISSANT**
[72] FRAZIER, THOMAS G., US
[73] FRAZIER, THOMAS G., US
[22] 1996-02-08
[30] US (08/494,581) 1995-06-23

[11] 2,157,473
[13] C

[51] Int.Cl. 6E06B 3/54 6E06B 3/58 6E04B 2/96
[25] EN
[54] **STRUCTURAL MOUNTING SYSTEM**
[54] **SYSTEME DE MONTAGE STRUCTURAL**
[72] HOLMES, ERIC, AU
[72] HOWE, IAN THOMAS, AU
[73] HOLMES, ERIC, AU
[73] HOWE, IAN THOMAS, AU
[85] 1995-09-01
[86] 1994-03-11 (PCT/AU1994/000118)
[87] (WO1994/020720)
[30] AU (PL7759) 1993-03-12

[11] 2,163,187
[13] C

[51] Int.Cl. 6H01M 10/02 6H01M 10/26 6H01M 10/44 6H01M 10/46
[25] EN
[54] **AROMATIC MONOMER GASSING AGENTS FOR PROTECTING NON-AQUEOUS LITHIUM BATTERIES AGAINST OVERCHARGE**
[54] **MONOMERES AROMATIQUES GAZEUX PROTEGEANT LES PILES AU LITHIUM NON AQUEUSES CONTRE LES SURCHARGES**
[72] MAO, HUANYU, CA
[72] VON SACKEN, ULRICH, CA
[73] E-ONE MOLI ENERGY (CANADA) LIMITED, CA
[22] 1995-11-17

[11] 2,169,737
[13] C

[51] Int.Cl. 6C07D 405/04 6C07D 221/04 6C07D 405/14 6C07D 409/14 6C07D 413/14 6C07D 419/14 6C07D 241/38 6A61K 31/435 6A61K 31/495 6C07F 9/576 6A61K 31/675 6C07D 239/70
[25] EN
[54] **ENDOTHELIN ANTAGONISTIC HETEROAROMATIC RING-FUSED CYCLOPENTENE DERIVATIVES**
[54] **DERIVES HETEROATOMIQUES DU CYCLOPENTENE A NOYAUX CONDENSES, ANTAGONISTES DE L'ENDOTHELINE**
[72] ISHIKAWA, KIYOFUMI, JP
[72] NAGASE, TOSHIO, JP
[72] MASE, TOSHIKI, JP
[72] HAYAMA, TAKASHI, JP
[72] IHARA, MASAKI, JP
[72] NISHIKIBE, MASARU, JP
[72] YANO, MITSUO, JP
[73] BANYU PHARMACEUTICAL CO., LTD., JP

[11] 2,161,151
[13] C

[51] Int.Cl. 6A61M 5/14
[25] EN
[54] **COLOR CODED INTRAVENOUS ADMINISTRATION SET**
[54] **SYSTEME D'ADMINISTRATION INTRAVEINEUSE AVEC CODE DE COULEURS**
[72] LAPPAS, DOLORES M., US
[73] VENIVEE, INC, US
[85] 1995-10-20
[86] 1993-04-23 (PCT/US1993/003872)
[87] (WO1994/025088)

[11] 2,166,537
[13] C

[51] Int.Cl. 6A61F 9/007 6A61F 2/14
[25] EN
[54] **TREATMENT OF PRESBYOPIA AND OTHER EYE DISORDERS**
[54] **TRAITEMENT DE LA PRESBYTIE ET D'AUTRES TROUBLES OCULAIRES**
[72] SCHACHAR, RONALD A., US
[73] RAS HOLDING CORP., US
[85] 1996-01-03
[86] 1993-07-13 (PCT/US1993/006533)
[87] (WO1994/002084)
[30] US (07/913,486) 1992-07-15

[85] 1996-02-16
[86] 1994-08-16 (PCT/JP1994/001357)
[87] (WO1995/005374)
[30] JP (JP5/225100) 1993-08-18
[30] JP (JP5/281613) 1993-10-15
[30] JP (JP5/285677) 1993-10-21
[30] US (08/165,880) 1993-12-14
[30] JP (JP6/85914) 1994-03-30

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[11] **2,169,756**
[13] C

[51] **Int.Cl. 6C10M 173/02 6A01N 33/02 6C10M 133/04 6C11D 7/32**
[25] EN
[54] **PARTICULATE SUSPENDING ANTIMICROBIAL ADDITIVES**
[54] **ADDITIFS ANTIMICROBIENS AMELIORANT LA SUSPENSION DE PARTICULES**
[72] GUTZMANN, TIMOTHY ALLEN, US
[72] ALTIER, MARK R., US
[73] ECOLAB INC., US
[85] 1996-02-16
[86] 1994-10-17 (PCT/US1994/011800)
[87] (WO1995/013342)
[30] US (08/150,951) 1993-11-12

[11] **2,172,854**
[13] C

[51] **Int.Cl. 6C12P 17/10 6C07D 209/10 6A61K 31/405**
[25] EN
[54] **ANTIMICROBIAL INDOLE DERIVATIVES**
[54] **DERIVES ANTIMICROBIENS DE L'INDOLE**
[72] CHEN, GENHUI, CA
[72] WEBSTER, JOHN M., CA
[72] LI, JIANXIONG, CA
[73] LI, JIANXIONG, CA
[73] CHEN, GENHUI, CA
[73] WEBSTER, JOHN MALCOLM, CA
[22] 1996-03-28

[11] **2,178,882**
[13] C

[51] **Int.Cl. 6G11B 20/10**
[25] EN
[54] **MAGNETIC RECORDING DEVICE AND METHOD**
[54] **DISPOSITIF ET METHODE D'ENREGISTREMENT MAGNETIQUE**
[72] SOICHI, IWAMURA, KR
[72] JEON, JIN-KYU, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 1996-06-12
[30] KR (95-25126) 1995-08-16
[30] KR (95-31350) 1995-09-22
[30] KR (96-4916) 1996-02-27

[11] **2,179,489**
[13] C

[51] **Int.Cl. 6A47B 47/02 6A47B 88/04**
[25] EN
[54] **FILING CABINETS**
[54] **MEUBLES-CLASSEURS**
[72] KACKLEY, WILLIAM G., US
[72] HOWE, STANLEY M., US
[72] BEALS, RALPH, US
[73] HON INDUSTRIES INC., US
[85] 1996-06-19
[86] 1993-12-28 (PCT/US1993/012608)
[87] (WO1994/014358)
[30] US (07/997,213) 1992-12-28

[11] **2,180,456**
[13] C

[51] **Int.Cl. 6A61K 6/083 6A61C 3/08**
[25] EN
[54] **DENTAL MATERIAL AND TOOL FOR ITS APPLICATION**
[54] **MATERIAU DENTAIRE ET OUTIL POUR SON APPLICATION**
[72] KREBBER, BURGHARDT, DE
[73] KREBBER, BURGHARDT, DE
[85] 1996-07-03
[86] 1995-01-04 (PCT/DE1995/000007)
[87] (WO1995/018597)
[30] DE (P 44 00 073.1) 1994-01-04

[11] **2,181,057**
[13] C

[51] **Int.Cl. 6H04Q 7/38 6H04Q 7/30**
[25] FR
[54] **PROCEDE DE LOCALISATION D'UNE STATION MOBILE DE RADIOCOMMUNICATION CELLULAIRE, ET EQUIPEMENTS POUR LA MISE EN OEUVRE DU PROCEDE**
[54] **METHOD FOR LOCATING A CELLULAR RADIOCOMMUNICATION MOBILE STATION, AND EQUIPMENT FOR IMPLEMENTING SAID METHOD**
[72] OHANA, ALAIN, FR
[72] DUPLESSIS, PHILIPPE, FR
[72] SUGARBROAD, IAN, FR
[72] CELLMER, JEAN, FR
[73] NORTEL MATRA CELLULAR, FR
[85] 1996-07-11
[86] 1995-01-06 (PCT/FR1995/000019)
[87] (WO1995/019688)
[30] FR (94/00271) 1994-01-12

[11] **2,182,665**
[13] C

[51] **Int.Cl. 6A61M 1/12**
[25] EN
[54] **BLOOD PUMP SYSTEM**
[54] **SYSTEME DE POMPE A SANG**
[72] CHEN, HERBERT, US
[72] NESS, RONALD A., US
[72] WOODARD, JOHN C., US
[73] WORLD HEART CORPORATION, US
[85] 1996-08-02
[86] 1995-02-09 (PCT/US1995/001724)
[87] (WO1995/021638)
[30] US (08/194,481) 1994-02-10

[11] **2,183,448**
[13] C

[51] **Int.Cl. 6A61K 7/025**
[25] EN
[54] **COMPOSITION FOR ROUGE FOR LIP**
[54] **COMPOSITION DE ROUGE A LEVRES**
[72] SOYAMA, YOSHIKAZU, JP
[72] MINAMI, TAKASHI, JP
[72] TAKADA, HIROTAKA, JP
[72] HIRAYAMA, JUNKO, JP
[72] NASU, AKIO, JP
[73] SHISEIDO CO., LTD., JP
[85] 1996-08-15
[86] 1995-09-29 (PCT/JP1995/001995)
[87] (WO1996/018375)
[30] JP (6/334199) 1994-12-16
[30] JP (7/186155) 1995-06-29
[30] JP (7/269314) 1995-09-21
[30] JP (7/269315) 1995-09-21
[30] JP (7/158643) 1995-05-31
[30] JP (7/158642) 1995-05-31

[11] **2,187,129**
[13] C

[51] **Int.Cl. 6A47F 7/28 6A47B 73/00**
[25] EN
[54] **OPEN SHELF BAR**
[54] **BAR A COMPTOIR OUVERT**
[72] GIBB, DAVID, GB
[73] MINIBAR PRODUCTION LIMITED, GB
[22] 1996-10-04
[30] GB (9521015.9) 1995-10-13

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[11] **2,190,007**
[13] C
[51] **Int.Cl. 6C07H 19/23 6C07H 23/00
6C07D 403/04 6C07F 7/10 6C07C 243/14
6C07D 403/14 6C07D 487/14 6A61K 31/70**
[25] EN
[54] **ANTITUMOR
INDOLOPYRROLOCARBAZOLE
DERIVATIVES**
[54] **DERIVE
D'INDOLOPYRROLOCARBAZOLE
ANTITUMORAL**
[72] KOJIRI, KATSUHISA, JP
[72] KONDO, HISAO, JP
[72] ARAKAWA, HIROHARU, JP
[72] OHKUBO, MITSURU, JP
[72] SUDA, HIROYUKI, JP
[73] BANYU PHARMACEUTICAL CO.,
LTD., JP
[85] 1996-11-08
[86] 1995-05-02 (PCT/JP1995/000868)
[87] (WO1995/030682)
[30] JP (119483/1994) 1994-05-09
[30] JP (145648/1994) 1994-06-03

[11] **2,190,485**
[13] C
[51] **Int.Cl. 6A61K 38/13 6A61K 9/107**
[25] EN
[54] **LACRIMAL GLAND SPECIFIC
EMULSIONS FOR TOPICAL
APPLICATION TO OCULAR TISSUE**
[54] **EMULSION SPECIFIQUE DE LA
GLANDE LACRYMALE POUR
APPLICATION LOCALE SUR LES
TISSUS DE L'OEIL**
[72] DING, SHULIN, US
[72] TIEN, WALTER L., US
[72] OLEJNIK, OREST, US
[73] ALLERGAN SALES, INC., US
[85] 1996-11-15
[86] 1995-05-17 (PCT/US1995/006302)
[87] (WO1995/031211)
[30] US (08/243,279) 1994-05-17

[11] **2,195,000**
[13] C
[51] **Int.Cl. 6A22B 5/14**
[25] EN
[54] **OESOPHAGUS SEALING
OBTURATION DE L'OESOPHAGE**
[72] VICK, ALBERT JAMES, AU
[72] BRETT, DENIS, AU
[72] SCHULZ, HARRY, AU
[72] STAPLETON, PAUL, AU
[72] OWEN, JEFFREY, AU
[73] MEAT & LIVESTOCK AUSTRALIA
LIMITED, AU
[85] 1997-01-13
[86] 1996-05-10 (PCT/AU1996/000287)
[87] (WO1996/035332)
[30] AU (PN 2910) 1995-05-11
[30] AU (PN 5322) 1995-09-08

[11] **2,196,150**
[13] C
[51] **Int.Cl. 6A61K 9/68**
[25] EN
[54] **PROCESS FOR THE
PREPARATION OF MEDICATED
CHEWING GUM PROVIDED WITH A
PLEASANT TASTE INDEPENDENT
FROM THE ACTIVE AGENT
INCORPORATED THEREIN**
[54] **PROCEDE DE PREPARATION DE
GOMME A MACHER
MEDICAMENTEUSE AYANT UN GOUT
AGREABLE QUI EST INDEPENDANT
DU PRINCIPE ACTIF QUI Y EST
INCORPORE.**
[72] TESTA, EMILIO, CH
[73] AVANT-GARDE TECHNOLOGIES &
PRODUCTS S.A., CH
[22] 1997-01-28
[30] US (08/646,744) 1996-05-03

[11] **2,197,152**
[13] C
[51] **Int.Cl. 6A61B 17/128**
[25] EN
[54] **APPARATUS FOR APPLYING
SURGICAL CLIPS**
[54] **APPAREIL POUR L'APPLICATION
DE CLIPS CHIRURGICAUX**
[72] CUNY, DOUGLAS J., US
[72] ARANYI, ERNIE, US
[72] REED, SCOTT W., US
[72] NAGORI, VINOD C., US
[73] UNITED STATES SURGICAL, US
[22] 1997-02-10
[30] US (08/611,962) 1996-03-07

[11] **2,207,978**
[13] C
[51] **Int.Cl. 6A43B 19/00 6A43B 17/10**
[25] FR
[54] **SEMELLE JETABLE ABSORBANT
LA TRANSPIRATION**
[54] **SWEAT-ABSORBING DISPOSIBLE
HYGIENIC INSERT**
[72] LHUILLIER, OLIVIER, FR
[73] LHUILLIER, OLIVIER, FR
[85] 1997-06-02
[86] 1995-12-07 (PCT/FR1995/001624)
[87] (WO1996/017532)
[30] FR (94/14757) 1994-12-08
[30] FR (95/14330) 1995-12-05

[11] *** 2,208,045**
[13] C
[51] **Int.Cl. 6H05K 7/10 6H05K 5/02
6G11B 25/04 6G06F 1/16**
[25] EN
[54] **REMOVABLE ELECTRONIC
SUBASSEMBLY WITH A
COMPRESSIBLE SHOCK ABSORBING
DEVICE**
[54] **SOUS-ENSEMBLE
ELECTRONIQUE AMOVIBLE A
DISPOSITIF AMORTISSEUR
COMPRESSIBLE**
[72] NAGARAJAN, SUBRAHMANYAN,
US
[73] INTERNATIONAL BUSINESS
MACHINES CORPORATION, US
[85] 1997-06-17
[86] 1995-12-05 (PCT/EP1995/004773)
[87] (WO1996/019806)
[30] US (08/361,410) 1994-12-22

[11] **2,208,758**
[13] C
[51] **Int.Cl. 6G01F 11/30 6F02M 69/18**
[25] EN
[54] **FLUID METERING DEVICE**
[54] **DISPOSITIF DOSEUR DE FLUIDE**
[72] VAN DEN WILDENBERG,
ADRIANUS MARTINUS MARIA, NL
[73] VAN DEN WILDENBERG,
ADRIANUS MARTINUS MARIA, NL
[85] 1997-06-25
[86] 1995-12-29 (PCT/NL1995/000450)
[87] (WO1996/021104)
[30] NL (9402238) 1994-12-29

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[11] **2,209,127**
[13] C

[51] **Int.Cl. 6G02B 6/42 6H04B 10/16 6G02B 6/26**
[25] EN
[54] **A COUPLING ARRANGEMENT BETWEEN A MULTI-MODE LIGHT SOURCE AND AN OPTICAL FIBER THROUGH AN INTERMEDIATE OPTICAL FIBER LENGTH**
[54] **AGENCEMENT D'ACCOUPLLEMENT ENTRE UNE SOURCE DE LUMIERE MULTIMODE ET UNE FIBRE OPTIQUE AU MOYEN D'UNE LONGUEUR INTERMEDIAIRE DE FIBRE OPTIQUE**
[72] GAPONTSEV, VALENTIN P., RU
[72] SAMARTSEV, IGOR, RU
[73] IRE-POLUS CO., RU
[73] ITALTEL S.P.A., IT
[85] 1997-06-25
[86] 1994-12-28 (PCT/IT1994/000218)
[87] (WO1996/020519)

[11] **2,210,436**
[13] C

[51] **Int.Cl. 6C03B 9/353**
[25] EN
[54] **MOLD ASSEMBLY FOR GLASS ARTICLES**
[54] **APPAREIL DE MOULAGE D'ARTICLES EN VERRE**
[72] OLSON, DUDLEY T., US
[72] HAUSER, RUSSELL M., US
[72] NUZUM, ROBERT E., US
[72] HAYES, DAN M., US
[73] OWENS-BROCKWAY GLASS CONTAINER INC., US
[22] 1997-07-14
[30] US (08/679,781) 1996-07-15

[11] **2,211,487**
[13] C

[51] **Int.Cl. 6H04Q 3/47**
[25] EN
[54] **DIRECTORY NUMBER PORTABILITY IN TELEPHONE NETWORKS**
[54] **PORTABILITE DE NUMEROS D'ANNUAIRE DANS DES RESEAUX TELEPHONIQUES**
[72] MARTINEZ, EDGAR, US
[72] GIUHAT, ADRIAN, US
[72] MIRCHANDANI, SONU, US
[72] BARGOUT, MAHMOUD N., CA
[73] NORTEL NETWORKS LIMITED, CA
[73] BELL CANADA, CA
[22] 1997-07-25
[30] US (08/690,474) 1996-07-29

[11] **2,211,863**
[13] C

[51] **Int.Cl. 6B05D 7/02 6A61L 29/00 6A61L 31/00 6A61L 2/08 6B05D 3/14 6B05D 1/36**
[25] EN
[54] **PROCESS FOR PRODUCING COMMINGLED POLYURETHANE-UREA AND DISSIMILAR POLYMER HYDROGEL COATINGS**
[54] **PROCEDE DE PREPARATION DE REVETEMENTS A BASE D'UN MELANGE D'HYDROGELS DE POLYMERES DE POLYURETHANE-UREE ET DE POLY-N-VINYLPYRROLIDONE**
[72] FORMAN, MICHAEL R., US
[72] DING, NI, US
[72] RHUM, DAVID, US
[72] HELMUS, MICHAEL N., US
[72] HOSTETTLER, FRITZ, US
[73] SCHNEIDER (USA) INC., US
[85] 1997-07-30
[86] 1996-01-15 (PCT/IB1996/000031)
[87] (WO1996/023600)
[30] US (08/384,711) 1995-02-01

[11] **2,216,296**
[13] C

[51] **Int.Cl. 6G03F 7/20 6H01L 21/77**
[25] EN
[54] **IMAGING METHOD FOR MANUFACTURE OF MICRODEVICES**
[54] **METHODE DE FORMATION D'IMAGES POUR LA FABRICATION DE MICROAPPAREILS**
[72] SUZUKI, AKIYOSHI, JP
[72] NOGUCHI, MIYOKO, JP
[73] CANON KABUSHIKI KAISHA, JP
[22] 1992-02-19
[62] 2,061,499
[30] JP (028631/1991) 1991-02-22
[30] JP (128446/1991) 1991-04-30

[11] **2,216,434**
[13] C

[51] **Int.Cl. 6G01R 31/02**
[25] EN
[54] **ARCING FAULT DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION DE DEFAUTS D'ARC**
[72] BROOKS, STANLEY J., US
[72] DICKENS, JAMES W., US
[72] STRADER, WALTER H., US
[73] SQUARE D COMPANY, US
[85] 1997-09-24
[86] 1997-01-31 (PCT/US1997/001869)
[87] (WO1997/030501)
[30] US (08/600,512) 1996-02-13

[11] **2,217,807**
[13] C

[51] **Int.Cl. 7B62D 65/00 7B23K 37/00**
[25] EN
[54] **DEVICE FOR SPOT WELDING OF STRUCTURES CONSTITUTED BY METAL ELEMENTS, PARTICULARLY MOTOR-VEHICLE BODIES OR SUB-ASSEMBLIES THEREOF**
[54] **DISPOSITIF POUR LE SOUDAGE PAR POINTS D'ELEMENTS METALLIQUES, EN PARTICULIER DE CARROSSERIES D'AUTOMOBILE OU DE SOUS-ENSEMBLES DE CARROSSERIE**
[72] ALBORANTE, GIANCARLO, IT
[73] COMAU SPA, IT
[22] 1997-10-07
[30] IT (TO96A000817) 1996-10-08

[11] **2,220,070**
[13] C

[51] **Int.Cl. 6G07F 7/08 6G06F 17/60**
[25] EN
[54] **TRANSACTION RECOVERY IN A VALUE TRANSFER SYSTEM**
[54] **REPRISE DE TRANSACTION DANS UN SYSTEME DE TRANSFERT DE VALEURS**
[72] RICHARDS, TIMOTHY PHILIP, GB
[72] EVERETT, DAVID BARRINGTON, GB
[73] MONDEX INTERNATIONAL LIMITED, GB
[85] 1997-11-03
[86] 1996-05-14 (PCT/GB1996/001146)
[87] (WO1996/036947)
[30] GB (9509762.2) 1995-05-15
[30] GB (9509763.0) 1995-05-15
[30] GB (9509766.3) 1995-05-15

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[13] C

[51] **Int.Cl. 6A01N 35/02 6A01N 65/00 6A01N 35/06 6A01N 47/46**
[25] EN
[54] **A METHOD OF PROTECTING PLANTS OR CROPS FROM INSECT PESTS AND PATHOGENIC MICROBES AND A METHOD OF IMPARTING AROMA THERETO IN A FACILITY OR INSTALLATION FOR CULTIVATING AGRICULTURAL PRODUCTS**
[54] **METHODE POUR PROTEGER LES PLANTES OU LES CULTURES CONTRE LES INSECTES PARASITES ET LES MICROBES PATHOGENES, ET METHODE POUR LES PARFUMER A L'INTERIEUR D'UNE INSTALLATION DE CULTURE DE PRODUITS AGRICOLES**
[72] OHTSUKA, RIICHIRO, JP
[73] ABION CORPORATION CO., LTD., JP
[22] 1997-11-05
[30] JP (311809/1996) 1996-11-22

[11] 2,221,251
[13] C

[51] **Int.Cl. 6B65D 77/24**
[25] EN
[54] **BEVERAGE FROTHING**
[54] **DISPOSITIF POUR FAIRE MOUSSER UNE BOISSON**
[72] DUNN, ALEXANDER RICHARD, GB
[72] COURT, GRAHAM, GB
[73] SCOTTISH & NEWCASTLE PLC, GB
[85] 1997-11-17
[86] 1996-05-17 (PCT/GB1996/001190)
[87] (WO1996/036545)
[30] GB (9510179.6) 1995-05-19
[30] GB (9512914.4) 1995-06-24

[11] 2,223,897
[13] C

[51] **Int.Cl. 6A61M 5/172 6A61M 5/168**
[25] EN
[54] **MEDICAL INFUSION PUMP**
[54] **POMPE A PERFUSION MEDICALE**
[72] KNOWLTON, KIMBALL J., US
[72] BENNETT, CYNTHIA A., US
[72] LYNN, KENNETH M., US
[72] LINNER, ERIC, US
[72] RIVAS, GILBERT, US
[72] MEINZER, RANDOLPH R., US
[72] GELHAR, DEBRA, US
[72] ZEISLOFT, JANE M., US
[72] MICHAEL, ERIC J., US
[72] KUSSWURM, DANIEL, US
[72] ESCHE, GRACE M., US
[72] STEWART, JANICE, US
[72] HIROTSUKA, EILEEN D., US
[72] KRUFIT, JOSEPH, US
[73] BAXTER INTERNATIONAL INC., US
[85] 1997-12-05
[86] 1997-01-23 (PCT/US1997/001073)
[87] (WO1997/037704)
[30] US (08/631,819) 1996-04-10

[11] 2,223,972
[13] C

[51] **Int.Cl. 6A61M 5/36**
[25] EN
[54] **AIR DETECTOR**
[54] **DETECTEUR D'AIR**
[72] MATTHEWS, JOSEPH, US
[72] EYSTER, KURT, US
[72] BOWMAN, GEORGE, US
[73] BAXTER INTERNATIONAL INC., US
[85] 1997-12-05
[86] 1997-01-23 (PCT/US1997/000910)
[87] (WO1997/037706)
[30] US (08/629,879) 1996-04-10

[11] 2,224,190
[13] C

[51] **Int.Cl. 6B29C 65/32 6F16L 47/02 6B29C 65/82**
[25] EN
[54] **POWER DEVICE FOR FUSING PLASTIC PIPE JOINTS**
[54] **DISPOSITIF D'ALIMENTATION EN ENERGIE PERMETTANT DE FUSIONNER DES JOINTS DE TUYAUX**
[72] COOPER, KENNETH, US
[73] GEORGE FISCHER SLOANE, INC., US
[85] 1997-12-08
[86] 1996-06-07 (PCT/US1996/010009)
[87] (WO1996/042183)
[30] US (60/000,027) 1995-06-08
[30] US (08/641,915) 1996-05-02

[11] 2,224,336
[13] C

[51] **Int.Cl. 6A61C 17/26**
[25] EN
[54] **BRUSH SECTION FOR AN ELECTRIC TOOTHBRUSH**
[54] **BROSSETTE POUR BROSE A DENTS ELECTRIQUE**
[72] KRESSNER, GERHARD, DE
[72] DRIESEN, GEORGES, DE
[73] BRAUN AKTIENGESELLSCHAFT, DE
[85] 1997-12-10
[86] 1996-06-12 (PCT/EP1996/002549)
[87] (WO1997/001307)
[30] DE (195 23 016.7) 1995-06-24

[11] 2,226,649
[13] C

[51] **Int.Cl. 6A45D 40/00**
[25] FR
[54] **ENSEMBLE D'APPLICATION POUR PRODUIT DE TYPE ROUGE A LEVRES**
[54] **APPLICATOR FOR LIPSTICK-TYPE PRODUCT**
[72] GUERET, JEAN-LOUIS H., FR
[73] L'OREAL, FR
[22] 1998-02-12
[30] FR (97 01 683) 1997-02-13

[11] 2,228,105
[13] C

[51] **Int.Cl. 6C11D 3/386 6A23C 7/02 6C11D 10/04 6C11D 3/10**
[25] EN
[54] **USE OF PORTION PACKED POWDERED LOW ALKALINE ENZYMATIC DETERGENT ON DAIRY FARMS**
[54] **UTILISATION EN EXPLOITATION LAITIERE DE DETERGENT ENZYMATIQUE FAIBLEMENT ALCALIN EN SACHETS DE POUDRE UNIDOSOS**
[72] ROUILLARD, JACQUES R., US
[73] UNILEVER PLC, GB
[85] 1998-01-28
[86] 1996-08-14 (PCT/US1996/013120)
[87] (WO1997/007190)
[30] US (60/002348) 1995-08-15

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[11] **2,228,152**
[13] C

[51] **Int.Cl. 6H01B 5/00 6H01R 9/00**
[25] EN
[54] **CONDUCTIVE DEVICE**
[54] **DISPOSITIF A SECTIONS CONDUCTRICES**
[72] YAMAGUCHI, TAKAYUKI, JP
[72] SUGIURA, KATSURA, JP
[73] TOKAI KOGYO KABUSHIKI KAISHA, JP
[85] 1998-01-28
[86] 1997-05-29 (PCT/JP1997/001832)
[87] (WO1997/046058)
[30] JP (8/135250) 1996-05-29

[11] **2,228,761**
[13] C

[51] **Int.Cl. 6F21V 23/04 6F21V 21/30**
[25] EN
[54] **MOTION DETECTOR WITH SIDE-PIVOTING LIGHT FIXTURE**
[54] **CAPTEUR DE MOUVEMENT PRESENTANT UNE INSTALLATION LUMINEUSE A PIVOTEMENT LATERAL**
[72] SANDELL, DONALD R., US
[72] LEE, WADE, US
[73] DESA PATENT HOLDINGS CORPORATION, US
[85] 1998-02-05
[86] 1996-08-08 (PCT/US1996/013058)
[87] (WO1997/007361)
[30] US (08/532,096) 1995-08-11

[11] **2,229,472**
[13] C

[51] **Int.Cl. 6H04L 12/40 6H04L 29/06**
[25] EN
[54] **DATA COMMUNICATION APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE TRANSMISSION DE DONNEES**
[72] KOBAYASHI, MAKOTO, JP
[72] NAKAMURA, ATSUSHI, JP
[72] KATANO, KIYOSHI, JP
[72] FUKUNAGA, KOJI, JP
[72] SUZUKI, NAOHISA, JP
[72] TATEYAMA, JIRO, JP
[73] CANON KABUSHIKI KAISHA, JP
[22] 1998-02-11
[30] JP (9-030982) 1997-02-14
[30] JP (9-089825) 1997-04-08
[30] JP (9-089826) 1997-04-08
[30] JP (9-112809) 1997-04-30

[11] **2,230,673**
[13] C

[51] **Int.Cl. 6B22F 9/08**
[25] EN
[54] **THE PRODUCTION OF METAL LUMPS**
[54] **FABRICATION DE MASSES DE METAL**
[72] CORTIE, MICHAEL BERNARD, ZA
[72] BARKER, IAN JAMES, ZA
[72] LEVEY, FIONA CATHERINE, ZA
[73] MINTEK, ZA
[85] 1998-02-27
[86] 1996-09-09 (PCT/GB1996/002209)
[87] (WO1997/009145)
[30] ZA (95/7505) 1995-09-07

[11] **2,231,437**
[13] C

[51] **Int.Cl. 6H01M 8/04**
[25] EN
[54] **PROCESS FOR OPERATING A FUEL CELL INSTALLATION AND FUEL CELL INSTALLATION FOR CARRYING OUT THE PROCESS**
[54] **PROCEDE D'ACTIONNEMENT D'UN SYSTEME DE PILES A COMBUSTIBLE ET SYSTEME DE PILES A COMBUSTIBLE PERMETTANT DE METTRE LEDIT PROCEDE EN OEUVRE**
[72] STUHLER, WALTER, DE
[72] MULLER, REINHARD, DE
[72] NOLSCHER, CHRISTOPH, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 1998-03-09
[86] 1996-09-03 (PCT/DE1996/001635)
[87] (WO1997/010619)
[30] DE (195 33 603.8) 1995-09-11

[11] **2,231,691**
[13] C

[51] **Int.Cl. 6C11D 3/14**
[25] EN
[54] **COMPOSITIONS COMPRISING HYDROPHILIC SILICA PARTICULATES**
[54] **COMPOSITIONS CONTENANT DE LA SILICE HYDROPHILE PARTICULAIRE**
[72] KANDASAMY, MANIVANNAN, JP
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1998-03-11
[86] 1996-08-20 (PCT/US1996/013448)
[87] (WO1997/010321)
[30] AU (PN 5350) 1995-09-12

[11] **2,233,879**
[13] C

[51] **Int.Cl. 6G01R 19/00**
[25] EN
[54] **AC CURRENT SENSOR**
[54] **CAPTEUR DE COURANT ALTERNATIF**
[72] FLORU, FRED, US
[72] HEBERT, GARY K., US
[73] THAT CORPORATION, US
[85] 1998-04-02
[86] 1996-10-02 (PCT/US1996/015721)
[87] (WO1997/013156)
[30] US (540,045) 1995-10-06

[11] **2,235,033**
[13] C

[51] **Int.Cl. 6C21B 13/00**
[25] EN
[54] **GASIFICATION PROCESS AND PLANT FOR DIRECT REDUCTION REACTORS**
[54] **PROCEDE DE GAZEIFICATION ET INSTALLATION POUR REACTEURS DE REDUCTION DIRECTE**
[72] FALSETTI, JAMES S., US
[72] JAHNKE, FREDERICK C., US
[72] FOULDS, GARY A., AU
[72] RIGBY, GEOFFREY R., AU
[73] TEXACO DEVELOPMENT CORPORATION, US
[73] THE BROKEN HILL PROPRIETARY COMPANY LIMITED, AU
[22] 1998-04-16
[30] US (60/064,044) 1997-11-03
[30] US (09/019,875) 1998-02-06

[11] **2,235,431**
[13] C

[51] **Int.Cl. 6H01M 4/88 6H01M 8/10**
[25] EN
[54] **SOLID POLYMER TYPE FUEL CELL AND METHOD FOR MANUFACTURING THE SAME**
[54] **PILE A COMBUSTIBLE A ELECTROLYTE A POLYMERE SOLIDE ET METHODE DE FABRICATION CONNEXE**
[72] SUGAWARA, YASUSHI, JP
[72] EDA, NOBUO, JP
[72] FUKUOKA, YUKO, JP
[72] UCHIDA, MAKOTO, JP
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[22] 1998-04-21
[30] JP (09-104470) 1997-04-22

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[13] C

[51] Int.Cl. 6H02G 3/00 6A47B 95/00
[25] EN
[54] **RETRACTABLE RECEPTACLE FOR FURNITURE**
[54] **LOGEMENT ESCAMOTABLE DANS DES MEUBLES**
[72] MCCARTHY, DAVID G., US
[73] MCCARTHY, DAVID G., US
[22] 1998-04-28
[30] US (08/951,276) 1997-10-16

[11] 2,237,705
[13] C

[51] Int.Cl. 6C08F 218/08 6C08K 3/00
6C08F 210/02 6C08L 31/04 6C08F 226/10
6C08F 220/12 6H01M 10/26
[25] EN
[54] **GEL POLYMER ELECTROLYTES OF ETHYLENE VINYL ACETATE**
[54] **ELECTROLYTES POLYMERIQUES GELIFIES A BASE D'ETHYLENE ET D'ACETATE DE VINYLE**
[72] KIM, YOUNG-ROAK, KR
[72] KIM, DONG-WON, KR
[72] OH, BOO-KEUN, KR
[72] BAEK, CHANG-WOO, KR
[73] CHEIL INDUSTRIES INC., KR
[22] 1998-05-14
[30] KR (97-18703) 1997-05-15
[30] KR (97-48048) 1997-09-12

[11] 2,238,282
[13] C

[51] Int.Cl. 6F28F 1/32
[25] EN
[54] **HEAT EXCHANGER FIN WITH EFFICIENT MATERIAL UTILIZATION**
[54] **AILETTE D'ECHANGEUR THERMIQUE A UTILISATION OPTIMALE DU MATERIAU**
[72] OBOSU, CHARLES B., US
[72] LIM, ALEXANDER T., US
[73] INTERNATIONAL COMFORT PRODUCTS CORPORATION (USA), US
[85] 1998-03-25
[86] 1996-08-19 (PCT/US1996/013391)
[87] (WO1997/012190)
[30] US (08/534,274) 1995-09-27

[11] 2,238,332
[13] C

[51] Int.Cl. 6G01R 25/00
[25] EN
[54] **DETERMINING SIGNAL COMPONENTS USING DIGITAL SIGNAL PROCESSING**
[54] **REDUCTION DE LA CAPACITE DE MEMOIRE REQUISE PAR UN MODULATEUR DSP**
[72] ENGMAN, ANDERS, SE
[72] OSTMAN, THOMAS, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE
[85] 1998-05-22
[86] 1996-11-15 (PCT/SE1996/001486)
[87] (WO1997/019540)
[30] US (08/562,464) 1995-11-24

[11] 2,240,565
[13] C

[51] Int.Cl. 6B26B 19/14
[25] EN
[54] **ELECTRIC SHAVER**
[54] **RASOIR ELECTRIQUE**
[72] UCHIYAMA, HIROMI, JP
[72] IZUMI, YUKIO, JP
[73] IZUMI PRODUCTS COMPANY, JP
[22] 1998-06-12
[30] JP (9-159404) 1997-06-17

[11] 2,241,250
[13] C

[51] Int.Cl. 6F16J 3/02
[25] EN
[54] **RIBBED DIAPHRAGM**
[54] **DIAPHRAGME NERVURE**
[72] DRAHUSZ, GEORGE JR., US
[73] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1998-06-22
[30] US (037,613) 1998-03-10

[11] 2,244,333
[13] C

[51] Int.Cl. 6H04L 12/18
[25] EN
[54] **SYSTEM AND METHOD FOR MULTICAST CONFERENCING AND ONLINE DISCUSSION GROUPS**
[54] **SYSTEME ET METHODE POUR CONFERENCES MULTIDESTINATIONS ET GROUPES DE DISCUSSION EN DIRECT**
[72] PAUL, SANJOY, US
[72] AGGARWAL, SUDHIR, US
[73] LUCENT TECHNOLOGIES INC., US
[22] 1998-07-30
[30] US (08/917,344) 1997-08-26

[11] 2,244,713
[13] C

[51] Int.Cl. 6G06F 13/10
[25] EN
[54] **APPLICATION PROGRAMMING INTERFACE FOR DATA TRANSFER AND BUS MANAGEMENT OVER A BUS STRUCTURE**
[54] **INTERFACE API DE TRANSFERT DE DONNEES ET GESTION BUS SUR UNE STRUCTURE BUS**
[72] SMYERS, SCOTT D., US
[72] FAIRMAN, BRUCE, US
[73] SONY ELECTRONICS, INC., US
[85] 1998-07-23
[86] 1997-01-29 (PCT/US1997/001742)
[87] (WO1997/028504)
[30] US (08/594,651) 1996-02-02

[11] 2,245,594
[13] C

[51] Int.Cl. 6C09K 11/07 6C09D 5/22
[25] EN
[54] **BIOLUMINESCENT NOVELTY ITEMS**
[54] **NOUVEAUX ARTICLES BIOLUMINESCENTS**
[72] BRYAN, BRUCE J., US
[73] BRYAN, BRUCE J., US
[85] 1998-08-05
[86] 1997-02-03 (PCT/US1997/001699)
[87] (WO1997/029319)
[30] US (08/597,274) 1996-02-06
[30] US (08/757,046) 1996-11-25

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[11] **2,246,088**
[13] C

[51] **Int.Cl. 6B01J 4/00**
[25] EN
[54] **APPARATUS FOR SYNTHESIS OF MULTIPLE ORGANIC COMPOUNDS WITH PINCH VALVE BLOCK**
[54] **DISPOSITIF POUR LA SYNTHÈSE DE COMPOSÉS ORGANIQUES MULTIPLES MUNI D'UN BLOC DE ROBINET À MANCHON DÉFORMABLE**
[72] WELLER, HAROLD NORRIS III, US
[72] RUEDIGER, WALDEMAR, US
[72] ALLEN, JOHN WILLIAM JR., US
[72] LI, WEN-JENG, US
[73] BRISTOL-MYERS SQUIBB COMPANY, US
[22] 1998-08-28
[30] US (08/935,037) 1997-09-22

[11] **2,247,061**
[13] C

[51] **Int.Cl. 6B63H 21/38 6B63H 20/32 6B63H 21/36**
[25] EN
[54] **LUBRICATING OIL MANAGING ARRANGEMENT FOR AN OUTBOARD MARINE DRIVE ENGINE**
[54] **ARRANGEMENT DE GESTION DE L'HUILE LUBRIFIANTE POUR MOTEUR MARIN HORS-BORD**
[72] TANAKA, MITSU HARU, JP
[72] MIZUGUCHI, HIROSHI, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 1998-09-11
[30] JP (9-249166) 1997-09-12

[11] **2,247,425**
[13] C

[51] **Int.Cl. 6G01M 17/00 6G01D 21/00**
[25] EN
[54] **METHOD AND DEVICE FOR DIAGNOSIS FOR VEHICLE**
[54] **PROCÉDÉ ET DISPOSITIF DE DIAGNOSTIC DE VÉHICULE**
[72] HASHIMOTO, AKIRA, JP
[72] SASAKI, KAZUMUNE, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[85] 1998-08-26
[86] 1998-03-10 (PCT/JP1998/000975)
[87] (WO1998/040715)
[30] JP (70910/97) 1997-03-10

[11] **2,247,449**
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[25] EN
[54] **A COMMUNICATION NETWORK TERMINAL SUPPORTING A PLURALITY OF APPLICATIONS**
[54] **TERMINAL DE RÉSEAU DE COMMUNICATION PERMETTANT UNE PLURALITÉ D'APPLICATIONS**
[72] PIHKO, PETE, US
[72] TERHO, MIKKO, FI
[72] LEHTONEN, ARTO H., FI
[72] GUSTAFSSON, PATRIK, FI
[72] MIETTUNEN, JUHANI, FI
[72] NYKANEN, PETRI, FI
[72] KARI, HANNU H., FI
[72] TARNANEN, TEEMU, FI
[72] DECKER, PETER, DK
[72] LIETSALMI, MIKKO, FI
[72] ALANARA, SEPPO, FI
[72] ISOMURSU, PEKKA, FI
[72] KAARTINEN, KALEVI, DK
[72] MAENPAA, JARI, FI
[73] NOKIA MOBILE PHONES LTD., FI
[85] 1998-08-26
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[11] **2,247,610**
[13] C

[51] **Int.Cl. 6H04B 10/18 6H04B 10/24**
[25] EN
[54] **SUPPRESSION OF COHERENT RAYLEIGH NOISE IN BIDIRECTIONAL COMMUNICATION SYSTEMS**
[54] **SUPPRESSION DU BRUIT DE RAYLEIGH COHERENT DANS LES SYSTÈMES DE COMMUNICATION BIDIRECTIONNELS**
[72] NUSS, MARTIN C., US
[72] FELDMAN, ROBERT D., US
[72] BOIVIN, LUC, US
[73] LUCENT TECHNOLOGIES INC., US
[22] 1998-09-17
[30] US (08/937,299) 1997-09-27

[11] **2,247,687**
[13] C

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[25] EN
[54] **COHERENT OPTICAL COMMUNICATION SYSTEM**
[54] **SYSTÈME DE TELECOMMUNICATION OPTIQUE À DÉTECTION COHERENTE**
[72] FRIGO, NICHOLAS J., US
[73] LUCENT TECHNOLOGIES INC., US
[22] 1998-09-21
[30] US (08/940,755) 1997-09-30

[11] **2,247,920**
[13] C

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[25] EN
[54] **COMBINATION SAVEALL AND BLOWBOX SYSTEM AND ASSOCIATED METHOD**
[54] **RAMASSE-PÂTE ET CAISSON DE SOUFFLAGE COMBINÉS ET MÉTHODE ASSOCIÉE**
[72] CASALE, NIEL C., US
[73] VALMET, INC., US
[85] 1998-08-31
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[87] (WO1999/061694)

[11] **2,248,515**
[13] C

[51] **Int.Cl. 6H04Q 7/36 6H04J 3/02**
[25] EN
[54] **AN ASYMMETRIC MULTIPLE ACCESS PROTOCOL FOR A COMMUNICATIONS SYSTEM**
[54] **PROTOCOLE D'ACCÈS ASYMMÉTRIQUE MULTIPLE POUR UN SYSTÈME DE COMMUNICATION**
[72] READER, DAVID JONATHAN, GB
[72] BADEN, CHARLOTTE CATHERINE ELIZABETH, GB
[72] FREIBERG, LORENZ, GB
[72] CAO, QIANG, GB
[73] LUCENT TECHNOLOGIES INC., US
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[54] PROCEDE ET SYSTEME DE
DETECTION DES DEFAUTS D'UN
VEHICULE

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[72] HASHIMOTO, AKIRA, JP
[73] HONDA GIKEN KOGYO
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[11] 2,252,390
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[54] RECIPROCATING FLUID PUMP
WITH IMPROVED BOTTLE SEAL
[54] POMPE A MOUVEMENT
ALTERNATIF ET JOINT DE FLACON
AMELIORE

[72] FOSTER, DONALD D., US
[73] CONTINENTAL SPRAYERS
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[85] 1998-10-16
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[87] (WO1997/038794)
[30] US (08/633,894) 1996-04-17

[11] 2,255,349
[13] C

[51] Int.Cl. 6H04Q 7/36 6H04M 3/42
[25] EN
[54] METHOD AND APPARATUS FOR
DELIVERING LOCAL INFORMATION
TO TRAVELERS
[54] METHODE ET APPAREIL
SERVANT A FOURNIR UNE
INFORMATION LOCALE AUX
VOYAGEURS

[72] SALIMANDO, STEVEN CHARLES,
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[72] ROSEN, KENNETH H., US
[73] AT&T CORP., US
[22] 1998-12-09
[30] US (08/995,623) 1997-12-22

[11] 2,249,034
[13] C

[51] Int.Cl. 6H04L 12/56 6H04L 12/18
[25] EN
[54] SYSTEM AND METHOD FOR
USING A WINDOW MECHANISM TO
CONTROL MULTICAST DATA
CONGESTION

[54] SYSTEME ET METHODE
PERMETTANT D'UTILISER UN
MECANISME DE FENETRAGE POUR
CONTROLLER L'ENCOMBREMENT
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[72] SABNANI, KRISHAN KUMAR, US
[72] GOLESTANI, S. JAMALODDIN, US
[73] LUCENT TECHNOLOGIES INC., US
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[30] US (08/949,718) 1997-10-14

[11] 2,254,473
[13] C

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[25] EN
[54] COHERENT JET INJECTOR
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[54] LANCE A INJECTION DE GAZ
COHERENTE

[72] MATHUR, PRAVIN CHANDRA, US
[72] ANDERSON, JOHN ERLING, US
[72] SELINES, RONALD JOSEPH, US
[73] PRAXAIR TECHNOLOGY, INC., US
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[30] US (08/975,154) 1997-11-20

[11] 2,255,526
[13] C

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[25] EN
[54] PSA PROCESS AND SYSTEM
USING SIMULTANEOUS TOP AND
BOTTOM EVACUATION OF
ADSORBENT BED
[54] PROCESSUS ET SYSTEME AMP
D'EVACUATION SIMULTANEE AUX
NIVEAUX SUPERIEUR ET INFERIEUR
DE LIT ADSORBANT

[72] SMOLAREK, JAMES, US
[73] PRAXAIR TECHNOLOGY, INC., US
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[30] US (08/987,790) 1997-12-09

[11] 2,255,110
[13] C

[51] Int.Cl. 6F23G 5/16 6F23G 7/00 6F23G
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[25] EN
[54] CONTROLLED THERMAL
OXIDATION PROCESS FOR ORGANIC
WASTES

[54] PROCESSUS DE
THERMOXYDATION CONTROLEE
POUR DECHETS SOLIDES
[72] CASACIA, LUCY, CA
[72] SHERMAN, FRANK, CA
[72] KNOWLTON, BARRY, CA
[73] ECO WASTE SOLUTIONS INC., CA
[22] 1998-12-02
[30] US (08/982,500) 1997-12-02

[11] 2,251,548
[13] C

[51] Int.Cl. 6F23L 7/00 6F23L 5/00
[25] EN
[54] HOT OXYGEN BLAST FURNACE
INJECTION SYSTEM
[54] SYSTEME D'INJECTION
D'OXYGENE CHAUD POUR HAUT
FOURNEAU

[72] RILEY, MICHAEL FRANCIS, US
[73] PRAXAIR TECHNOLOGY, INC., US
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[13] C

[51] Int.Cl. 6G01R 33/44 6G01R 35/00
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[25] EN
[54] METHOD FOR IMPROVING THE
ACCURACY OF NMR RELAXATION
DISTRIBUTION ANALYSIS WITH TWO
ECHO TRAINS
[54] METHODE POUR AMELIORER LA
PRECISION DE L'ANALYSE DE LA
DISTRIBUTION DU RELACHEMENT
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[13] C

[51] **Int.Cl. 6B08B 15/02**
[25] EN
[54] **FUME HOOD EXHAUST
TERMINAL HAVING AN ULTRASONIC
MOTOR DRIVE ACTUATOR**
[54] **EVACUATEUR DE FUMEE DOTE
D'UN MOTEUR A ULTRASONS**
[72] JACOB, STEVEN D., US
[72] GORSKI, WILLIAM H., US
[73] SIEMENS BUILDING
TECHNOLOGIES, INC., US
[22] 1998-12-23
[30] US (09/065,921) 1998-04-24

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[13] C

[51] **Int.Cl. 6C12N 15/55 6A01H 5/00
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6C12Q 1/44 6C12Q 1/68 6C12N 15/82**
[25] EN
[54] **DNA SEQUENCES ENCODING
PHYTASES OF RUMINAL
MICROORGANISMS**
[54] **SEQUENCES D'ADN CODANT DES
PHYTASES DE MICRO-ORGANISMES
DE RUMINANTS**
[72] CHENG, KUO JOAN, CA
[72] SELINGER, LEONARD BRENT, CA
[72] YANKE, LINDSEY JAY, CA
[72] BAE, HEE DONG, KR
[72] FORSBERG, CECIL WALLACE, CA
[72] ZHOU, LUMING, US
[73] HER MAJESTY THE QUEEN IN
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[11] **2,258,498**
[13] C

[51] **Int.Cl. 6A61F 13/15 6A61F 13/46**
[25] EN
[54] **ABSORBENT ARTICLE HAVING
ANGULAR UPSTANDING
TRANSVERSE PARTITION**
[54] **ARTICLE ABSORBANT A
SEPARATEUR TRANSVERSAL,
VERTICAL ET ANGULAIRE**
[72] ROE, DONALD CARROLL, US
[72] LITCHHOLT, JOHN JOSEPH, US
[72] PAYNE, MICHAEL, US
[73] THE PROCTER & GAMBLE
COMPANY, US
[85] 1998-12-16
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[30] US (08/664,603) 1996-06-18

[11] **2,258,702**
[13] C

[51] **Int.Cl. 6C11D 17/08 6C11D 1/22
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[25] EN
[54] **NON-AQUEOUS, PARTICULATE-
CONTAINING LIQUID DETERGENT
COMPOSITIONS WITH SURFACTANT-
STRUCTURED LIQUID PHASE**
[54] **COMPOSITIONS DETERGENTES
LIQUIDES NON AQUEUSES
CONTENANT DES PARTICULES, A
PHASE LIQUIDE STRUCTUREE A
L'AIDE D'UN TENSIOACTIF**
[72] KAHN, JAY IAN, US
[72] GODERIS, IWEIN JOZEF MARIA
JAAK, BE
[72] BROECKX, WALTER AUGUST
MARIA, BE
[72] PARRY, DIANE, US
[72] WEVERS, JEAN, BE
[72] SMERZNAK, MARK ALLEN, US
[72] JONES, ROGER JEFFERY, BE
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[85] 1998-12-16
[86] 1997-06-26 (PCT/US1997/010697)
[87] (WO1998/000514)
[30] US (60/020,504) 1996-06-28

[11] **2,258,900**
[13] C

[51] **Int.Cl. 6H04L 12/18 6H04N 7/15
6H04L 12/56**
[25] EN
[54] **METHOD FOR PROVIDING
ENHANCED H.321-BASED
MULTIMEDIA CONFERENCING
SERVICES OVER THE ATM WIDE
AREA NETWORK**
[54] **PROCEDE SERVANT A FOURNIR
DES SERVICES AMELIORES DE
CONFERENCE MULTIMEDIA BASES
SUR H.321 SUR LE RESEAU DE ZONE
ETENDUE MTA**
[72] ROY, RADHIKA R., US
[73] AT&T CORP., US
[85] 1998-12-22
[86] 1998-03-19 (PCT/US1998/005385)
[87] (WO1998/049865)
[30] US (08/841,057) 1997-04-29

[11] **2,259,698**
[13] C

[51] **Int.Cl. 6A61K 31/435 6A61K 9/16
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[25] EN
[54] **TROVAFLOXACIN MESYLATE
TABLET**
[54] **COMPRIME DE MESYLATE DE
TROVAFLOXACINE**
[72] SINKO, CHRISTOPHER MICHAEL,
US
[72] JOHNSON, ALTON DALE, US
[73] PFIZER PRODUCTS INC., US
[22] 1999-01-19
[30] US (60/072,013) 1998-01-21

[11] **2,260,411**
[13] C

[51] **Int.Cl. 6G05G 5/05 6F16H 19/00
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[25] EN
[54] **TWO STAGE MOTORIZED
ACTUATOR**
[54] **SERVOMOTEUR MOTORISE A
DEUX ETAPES**
[72] CARLS, DENNIS R. (DECEASED), US
[72] PEARSON, JAMES E., US
[73] EATON CORPORATION, US
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[13] C

[51] Int.Cl. 6B24B 13/00 6G02C 7/02
[25] EN
[54] METHOD AND APPARATUS FOR
POLISHING OPHTHALMIC LENSES
[54] METHODE ET APPAREIL POUR
LE POLISSAGE DE LENTILLES
OPHTALMIQUES
[72] SAVOIE, MARC Y., CA
[73] MICRO OPTICS DESIGN
CORPORATION, CA
[22] 1999-01-27
[30] CA (2,228,323) 1998-01-30

[11] 2,260,658
[13] C

[51] Int.Cl. 6B61G 3/06
[25] EN
[54] PIVOT PIN AND RETENTION CLIP
ASSEMBLY FOR A RAILROAD CAR
COUPLER
[54] PIVOT DE LA MACHOIRE
D'ATTELAGE ET PINCE DE
RETENTION POUR ACCOUPLEMENT
DE VOITURE DE CHEMIN DE FER
[72] DUNCAN, SCOTT R., US
[73] MERIDIAN RAIL INFORMATION
SYSTEMS CORP., US
[22] 1999-02-02
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[51] Int.Cl. 6A61K 31/445 6A61K 31/44
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[54] COMPOSITION
PHARMACEUTIQUE
ANTITHROMBOTIQUE ET
ANTIATHEROGENE COMPRENANT
UN DERIVE DE THIENOPYRIDINE ET
UN INHIBITEUR DE LA HMG-COA-
REDUCTASE
[54] ANTITHROMBOTIC AND
ANTIATHEROGENIC
PHARMACEUTICAL COMPOSITION
INCLUDING A THIENOPYRIDINE
DERIVATIVE AND AN HMG-COA-
REDUCTASE INHIBITOR
[72] DASTE, GEORGES, FR
[72] HERBERT, JEAN-MARC, FR
[73] SANOFI-SYNTHELABO, FR
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[86] 1997-07-21 (PCT/FR1997/001353)
[87] (WO1998/004259)
[30] FR (96/09474) 1996-07-26

[11] 2,261,416
[13] C

[51] Int.Cl. 6B65D 51/20 6B65D 17/34
[25] EN
[54] CONTAINERS AND CAPS HAVING
TAMPER-EVIDENT LINERS
[54] TABLEAU DE COMMANDE ET
DISPOSITION DES SIEGES D'UN
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[72] FLANAGAN, THERESE ANN, US
[73] KRAFT FOODS, INC., US
[22] 1999-02-09
[30] US (025,137) 1998-02-18

[11] 2,262,198
[13] C

[51] Int.Cl. 6H01G 4/10
[25] EN
[54] DIELECTRIC CERAMIC
COMPOSITION, LAMINATED
CERAMIC CAPACITOR, AND
METHOD FOR PRODUCING THE
LAMINATE CERAMIC CAPACITOR
[54] COMPOSITION CERAMIQUE
DIELECTRIQUE, CONDENSATEUR
CERAMIQUE STRATIFIE ET
METHODE DE PRODUCTION DU
CONDENSATEUR CERAMIQUE
STRATIFIE
[72] HAMAJI, YUKIO, JP
[72] WADA, NOBUYUKI, JP
[72] IKEDA, JUN, JP
[72] HIRAMATSU, TAKASHI, JP
[73] MURATA MANUFACTURING CO.,
LTD., JP
[22] 1999-02-17
[30] JP (10-35171) 1998-02-17

[11] 2,263,124
[13] C

[51] Int.Cl. 6A61F 2/16
[25] EN
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[54] CRISTALLIN ARTIFICIEL
[72] NIGAM, ALOK, US
[73] BAUSCH & LOMB INCORPORATED,
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[85] 1999-02-08
[86] 1998-06-12 (PCT/US1998/012259)
[87] (WO1998/056315)
[30] US (08/874,753) 1997-06-13

[11] 2,264,385
[13] C

[51] Int.Cl. 6F16J 15/54 6F04D 29/10
[25] EN
[54] A SUBMERSIBLE MACHINE
[54] MACHINE SUBMERSIBLE
[72] BRANDT, BENGT-AKE, SE
[72] FREDRIKSSON, BORIS, SE
[73] ITT MANUFACTURING
ENTERPRISES, INC., US
[22] 1999-03-03
[30] SE (980676-0) 1998-03-04

[11] 2,264,801
[13] C

[51] Int.Cl. 6B29C 45/36
[25] EN
[54] APPARATUS FOR
ROTATIONALLY ALIGNING A
FEATURE OF AN OPTICAL TOOL
WITH A GATE IN AN INJECTION
MOLDING APPARATUS
[54] APPAREIL D'ALIGNEMENT PAR
ROTATION D'UNE
CARACTERISTIQUE D'UN OUTIL
OPTIQUE AVEC UNE ENTREE DE
DISPOSITIF DE MOULAGE PAR
INJECTION
[72] ORMISTON, ALLEN L., US
[72] VANDEWINCKEL, JEFFREY M., US
[73] BAUSCH & LOMB,
INCORPORATED, US
[85] 1999-03-03
[86] 1997-08-28 (PCT/US1997/015220)
[87] (WO1998/009800)
[30] US (08/709,370) 1996-09-06

[11] 2,264,917
[13] C

[51] Int.Cl. 6H01H 9/02
[25] EN
[54] GRADING RING INSERT
ASSEMBLY
[54] ENSEMBLE D'INSERTION A
ANNEAUX DE CALIBRAGE
[72] BESTEL, ERNEST FRED, US
[72] STOVING, PAUL NEWCOMB, US
[73] COOPER INDUSTRIES, INC., US
[85] 1999-03-05
[86] 1997-09-08 (PCT/US1997/015670)
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[13] C

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[25] EN
[54] **DIRECTION DETERMINATION IN CELLULAR MOBILE COMMUNICATIONS NETWORK**
[54] **DETERMINATION DE LA DIRECTION DES SIGNAUX DANS UN RESEAU DE COMMUNICATIONS CELLULAIRES MOBILES**
[72] SPEIGHT, TIMOTHY JAMES, GB
[73] LUCENT TECHNOLOGIES INC., US
[22] 1999-03-09
[30] EP (98302657.6) 1998-04-03

[11] **2,267,213**
[13] C

[51] **Int.Cl. 6F16H 3/087**
[25] EN
[54] **COMPACT TRANSAXLE**
[54] **BOITE-PONT DE TYPE COMPACT**
[72] FORSYTH, JOHN R., US
[73] NEW VENTURE GEAR, INC., US
[85] 1999-03-31
[86] 1997-09-30 (PCT/US1997/017760)
[87] (WO1998/014720)
[30] US (08/726,885) 1996-10-04

[11] **2,267,689**
[13] C

[51] **Int.Cl. 6H04L 12/56**
[25] EN
[54] **ASYNCHRONOUS TRANSFER MODE LAYER AUTOMATIC PROTECTION SWITCHING MECHANISM FOR ATM PERMANENT VIRTUAL CONNECTIONS**
[54] **MECANISME DE COMMANDE DE PROTECTION PAR MODE DE TRANSFERT ASYNCHRONE POUR LES CONNEXIONS ATM VIRTUELLES PERMANENTES**
[72] MORALES, LUIS E., US
[73] AT&T CORP., US
[22] 1999-03-31
[30] US (09/055,507) 1998-04-06

[11] **2,268,245**
[13] C

[51] **Int.Cl. 6A61F 13/15 6B32B 31/00**
[25] EN
[54] **COVERSHEET COMPRISING NONWOVEN AND APERTURED FILM**
[54] **FEUILLE DE COUVERTURE COMPRENANT UNE PELLICULE NON-TISSEE ET AJOUREE**
[72] CHATTERJEE, ASHISH, JP
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 1999-04-08
[86] 1996-10-11 (PCT/US1996/016239)
[87] (WO1998/016177)

[11] **2,268,889**
[13] C

[51] **Int.Cl. 6F28D 9/00**
[25] EN
[54] **HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR**
[72] TSUNODA, TADASHI, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[85] 1999-04-13
[86] 1997-10-17 (PCT/JP1997/003848)
[87] (WO1998/016790)
[30] JP (8-275058) 1996-10-17

[11] **2,269,058**
[13] C

[51] **Int.Cl. 6F28D 9/00 6F28F 3/04**
[25] EN
[54] **HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR**
[72] WAKAYAMA, TOKIYUKI, JP
[72] ENDOU, TSUNEO, JP
[72] TSUNODA, TADASHI, JP
[72] YANAI, HIDEYUKI, JP
[73] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[85] 1999-04-16
[86] 1997-10-17 (PCT/JP1997/003781)
[87] (WO1998/016789)
[30] JP (8-275053) 1996-10-17
[30] JP (8-275055) 1996-10-17
[30] JP (8-275056) 1996-10-17

[11] **2,270,387**
[13] C

[51] **Int.Cl. 6G06F 17/30**
[25] EN
[54] **INDEPENDENT DISTRIBUTED DATABASE SYSTEM**
[54] **SYSTEME DE BASE DE DONNEES REPARTIES INDEPENDANTE**
[72] SUTTER, HERBERT P., CA
[73] PEERDIRECT COMPANY, CA
[85] 1999-04-29
[86] 1997-10-29 (PCT/CA1997/000807)
[87] (WO1998/020430)
[30] US (08/742,024) 1996-11-01

[11] **2,271,075**
[13] C

[51] **Int.Cl. 6H02J 7/00 6A61F 2/48**
[25] EN
[54] **DEVICE AND PROCESS FOR CHARGING OF RECHARGEABLE BATTERIES OF IMPLANTS**
[54] **DISPOSITIF ET PROCESSUS POUR LE CHARGEMENT DES PILES RECHARGEABLES DES IMPLANTS**
[72] BAUMANN, JOACHIM, DE
[72] LEYSIEFFER, HANS, DE
[72] VOLZ, ANDREAS, DE
[73] COCHLEAR LIMITED, AU
[22] 1999-05-05
[30] DE (198 38 137.9) 1998-08-21

[11] **2,271,911**
[13] C

[51] **Int.Cl. 6F25D 23/00**
[25] EN
[54] **MULLION BAR RETAINER ARRANGEMENT FOR A REFRIGERATOR CABINET**
[54] **DISPOSITIF DE RETENUE POUR MONTANT DE PORTE DE REFRIGERATEUR**
[72] WOLANIN, GERALD L., US
[73] MAYTAG CORPORATION, US
[22] 1999-05-14
[30] US (09/096,580) 1998-06-12

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[11] 2,271,960
[13] C
[51] Int.Cl. 6F23L 7/00 6F23L 1/02 6F23L 9/06
[25] EN
[54] METHOD AND APPARATUS FOR REDUCING NOX PRODUCTION DURING AIR-OXYGEN-FUEL COMBUSTION
[54] METHODE ET APPAREIL POUR REDUIRE LA PRODUCTION D'OXYDES D'AZOTE PENDANT LA COMBUSTION AIR-OXYGENE-COMBUSTIBLE
[72] HEFFRON, JAMES FRANCIS, US
[72] GERSHTEIN, VLADIMIR YLIY, US
[72] ELEAZER, PRINCE BOYD III, US
[72] BEST, ROBERT C., US
[72] BAUKAL, CHARLES EDWARD JR., US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 1999-05-14
[30] US (09/082,621) 1998-05-21

[11] 2,272,672
[13] C
[51] Int.Cl. 6A01B 59/042 6A01B 73/00
[25] EN
[54] DUAL IMPLEMENT HITCH
[54] ATTACHE DE REMORQUAGE POUR MATERIEL JUMELE
[72] ROWSE, DAN D., US
[72] ROWSE, RON A., US
[73] ROWSE, DAN D., US
[73] ROWSE, RON A., US
[22] 1999-05-25
[30] US (09/303,954) 1999-05-03

[11] 2,273,377
[13] C
[51] Int.Cl. 6H04B 7/04 6H04B 17/00 6H04Q 7/36
[25] EN
[54] METHOD AND APPARATUS FOR CHANNEL ESTIMATION FOR MULTICARRIER SYSTEMS
[54] METHODE ET APPAREIL D'ESTIMATION DE VOIES POUR SYSTEMES A ONDES PORTEUSES MULTIPLES
[72] CIMINI, LEONARD JOSEPH JR., US
[72] SOLLENBERGER, NELSON RAY, US
[72] LI, YE, US
[73] AT&T CORP., US
[22] 1999-05-31
[30] US (09/089,862) 1998-06-03

[11] 2,273,640
[13] C
[51] Int.Cl. 6A01G 23/04 6A01G 23/06
[25] EN
[54] A MINI SHRUB SPADER
[54] MINI-BECHE POUR ARBRISSEAUX
[72] SEXSMITH, HUGH, CA
[73] SEXSMITH, HUGH, CA
[22] 1999-06-04

[11] 2,274,338
[13] C
[51] Int.Cl. 6C07D 417/12 6A61K 9/16 6A61K 31/495
[25] EN
[54] ZIPRASIDONE FORMULATIONS
[54] FORMULATIONS ZIPRASIDONES
[72] HAUSBERGER, ANGELA CAROL
GATLIN, US
[72] RASADI, BIJAN, US
[72] ARENSON, DANIEL RAY, US
[72] BUSCH, FRANK ROBERT, US
[73] PFIZER PRODUCTS INC., US
[22] 1999-06-11
[30] US (60/089,229) 1998-06-15

[11] 2,274,398
[13] C
[51] Int.Cl. 6A61M 16/01 6A61M 16/20
[25] EN
[54] SINGLE BREATH INDUCTION ANESTHESIA APPARATUS
[54] APPAREIL POUR INDUIRE L'ANESTHESIE EN UNE SEULE ASPIRATION
[72] COLAS, MARIE-JOSE, CA
[73] COLAS, MARIE-JOSE, CA
[22] 1999-06-11

[11] 2,276,812
[13] C
[51] Int.Cl. 6H04B 7/212
[25] EN
[54] A METHOD FOR FORMATTING AND CONVEYING INFORMATION IN A WIRELESS TELECOMMUNICATION SYSTEM
[54] METHODE DE FORMATAGE ET TRANSMISSION DE DONNEES DANS UN SYSTEME DE TELECOMMUNICATIONS SANS FIL
[72] TONELLO, ANDREA M., US
[72] SEYMOUR, JAMES PAUL, US
[73] LUCENT TECHNOLOGIES INC., US
[22] 1999-07-05
[30] US (09/133,052) 1998-08-12

[11] 2,277,024
[13] C
[51] Int.Cl. 6H04R 25/00
[25] EN
[54] SPEAKER SYSTEM HAVING AN UNDULATING RIGID SPEAKER ENCLOSURE
[54] HAUT-PARLEUR MULTIVOIE DOTE D'UNE ENCEINTE ACOUSTIQUE RIGIDE A ONDULATIONS
[72] WIENER, DAVID, US
[73] SOUNDTUBE ENTERTAINMENT, INC., US
[85] 1999-07-07
[86] 1998-01-08 (PCT/US1998/000230)
[87] (WO1998/031185)
[30] US (08/780,524) 1997-01-08

[11] 2,277,265
[13] C
[51] Int.Cl. 6H04L 12/56
[25] EN
[54] LINK AGGREGATION IN ETHERNET FRAME SWITCHES
[54] AGREGATION DE LIENS DANS DES COMMUTEURS DE TRAMES ETHERNET
[72] ALEXANDER, THOMAS, US
[73] PMC-SIERRA INC., CA
[22] 1999-07-09

[11] 2,278,880
[13] C
[51] Int.Cl. 6A01B 61/04 6A01B 35/24
[25] EN
[54] SPRING TRIP STANDARD
[54] TIGE DE DECLENCHEMENT A RESSORT
[72] ZAUN, RICHARD DAVID, US
[72] HOOK, RICHARD WAYNE, US
[73] DEERE & COMPANY, US
[22] 1999-07-26
[30] US (09/216,270) 1998-12-18

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[11] **2,278,988**
[13] C

[51] **Int.Cl. 6C07D 307/64 6C07D 307/68**
[25] EN
[54] **AN EFFICIENT SYNTHESIS OF FURAN SULFONAMIDE COMPOUNDS USEFUL IN THE SYNTHESIS OF NEW IL-1 INHIBITORS**
[54] **SYNTHESE EFFICACE DE COMPOSES DE SULFAMIDE FURANNIQUE UTILES DANS LA SYNTHESE DE NOUVEAUX INHIBITEURS D'IL-1**
[72] JASYS, VYTAUTAS JOHN, US
[72] URBAN, FRANK JOHN, US
[73] PFIZER PRODUCTS INC.,, US
[22] 1999-07-23
[30] US (60/094,315) 1998-07-27

[11] **2,279,549**
[13] C

[51] **Int.Cl. 6F24F 5/00**
[25] EN
[54] **WINDOW ROOM AIR CONDITIONER**
[54] **CONDITIONNEUR D'AIR DE PIECE TYPE FENETRE**
[72] CASTILLO, DAVID HERNANDEZ, MX
[72] LEDEZMA, VICTORIANO ZAMORA, MX
[72] RODRIGUEZ, NESTOR HERNANDEZ, MX
[72] HERNANDEZ, JOSE GUADALUPE OLIVA, MX
[73] CARRIER CORPORATION, US
[22] 1999-08-03
[30] US (09/140,007) 1998-08-26

[11] **2,280,555**
[13] C

[51] **Int.Cl. 6C01B 13/11**
[25] EN
[54] **OZONIZING UNIT, OZONE GENERATOR AND OZONE-PROCESSING SYSTEM**
[54] **APPAREIL D'OZONISATION, OZONEUR ET SYSTEME DE TRAITEMENT DE L'OZONE**
[72] OGURA, YASUHIRO, JP
[72] ANDO, SUEO, JP
[72] YAMANASHI, ICHIRO, JP
[72] OKITA, YUUJI, JP
[72] KOBAYASHI, SHINJI, JP
[72] INABA, MICHIIHIKO, JP
[72] MURATA, TAKAAKI, JP
[72] KAWAGUCHI, SHIGERU, JP
[73] KABUSHIKI KAISHA TOSHIBA, JP
[22] 1999-08-20
[30] JP (236023/1998) 1998-08-21
[30] JP (236066/1998) 1998-08-21
[30] JP (238902/1998) 1998-08-25
[30] JP (198036/1999) 1999-07-12

[11] **2,281,070**
[13] C

[51] **Int.Cl. 6F25D 23/00 6F25D 23/06**
[25] EN
[54] **REFRIGERATOR CABINET AND METHOD OF ASSEMBLING THE SAME**
[54] **REFRIGERATEUR ET METHODE D'ASSEMBLAGE**
[72] ANELL, THOMAS CARL, US
[72] DAVIS, KENNETH, US
[72] CROMPTON, EDWARD EVERETT III, US
[72] WOLANIN, GERALD L., US
[72] MANDEL, SHELDON WAYNE, US
[72] HORTON, CHARLES R., US
[73] MAYTAG CORPORATION, US
[22] 1999-08-24
[30] US (09/145,990) 1998-09-03

[11] **2,281,575**
[13] C

[51] **Int.Cl. 6B64D 9/00**
[25] EN
[54] **DEVICE FOR LOADING PACKAGES INTO A CARGO HOLD PARTICULARLY OF AN AIRCRAFT**
[54] **DISPOSITIF POUR CHARGER DES COLIS DANS UNE SOUTE A FRET, EN PARTICULIER, D'UN AVION**
[72] HELMNER, ANDERS, SE
[73] SCANDINAVIAN BELLYLOADING CO. AB, SE
[85] 1999-08-19
[86] 1998-02-25 (PCT/EP1998/001069)
[87] (WO1998/038087)
[30] DE (197 07 519.3) 1997-02-25

[11] **2,286,027**
[13] C

[51] **Int.Cl. 6G07D 9/00**
[25] EN
[54] **COIN SORTER**
[54] **TRIEUR DE MONNAIE**
[72] YAMAGISHI, RYOJI, JP
[72] YAGI, MASATO, JP
[73] KABUSHIKI KAISHA NIPPON CONLUX, JP
[85] 1999-10-05
[86] 1999-01-19 (PCT/JP1999/000168)
[87] (WO1999/040547)
[30] JP (10/24590) 1998-02-05
[30] JP (10/31458) 1998-02-13

[11] **2,287,334**
[13] C

[51] **Int.Cl. 6B67D 1/07 6G01N 35/10**
[25] EN
[54] **FLUID SYSTEM AND METHOD OF OPERATION THEREOF**
[54] **SYSTEME A FLUIDES ET PROCEDE DE FONCTIONNEMENT CORRESPONDANT**
[72] MARTIN, RICK, US
[72] PIERCE, SUE K., US
[73] ABBOTT LABORATORIES, US
[85] 1999-10-22
[86] 1998-06-11 (PCT/US1998/011605)
[87] (WO1998/056708)
[30] US (08/874,157) 1997-06-13

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[11] 2,288,682
[13] C

[51] Int.Cl. 6H04B 7/216 6H04B 7/005
[25] EN
[54] DEVICE AND METHOD FOR CONTROLLING POWERS OF ORTHOGONAL CHANNEL AND QUASI-ORTHOGONAL CHANNEL IN CDMA COMMUNICATION SYSTEM
[54] DISPOSITIF ET PROCEDE DE COMMANDE DE PUISSANCES D'UN CANAL ORTHOGONAL ET D'UN CANAL QUASI-ORTHOGONAL DANS UN SYSTEME DE TELECOMMUNICATIONS AMDC
[72] YOON, SOON YOUNG, KR
[72] AHN, JAE MIN, KR
[72] YEOM, JAE HEUNG, KR
[72] MOON, HI CHAN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 1999-11-03
[86] 1999-03-26 (PCT/KR1999/000140)
[87] (WO1999/049596)
[30] KR (1998/10616) 1998-03-26
[30] KR (1998/10838) 1998-03-27

[11] 2,289,401
[13] C

[51] Int.Cl. 7H04Q 3/58 7H04L 12/56
[25] EN
[54] APPARATUS AND METHOD FOR COMPLETING INTER-SWITCH CALLS USING LARGE TRUNK GROUPS
[54] APPAREILLAGE ET METHODE D'ETABLISSEMENT D'APPELS INTER-CENTRAUX A L'AIDE DE FAISCEAUX DE CIRCUITS ETENDUS
[72] CHEESMAN, JULIAN FRANCIS, CA
[72] KAHNERT, MICHAEL C., CA
[72] CONSTANTINOF, CRISTIAN M., CA
[73] NORTEL NETWORKS LIMITED, CA
[22] 1999-11-12
[30] US (09/203,397) 1998-12-02

[11] 2,290,088
[13] C

[51] Int.Cl. 7H01R 13/502 7H01R 13/646
[25] EN
[54] UPGRADEABLE COMMUNICATION CONNECTOR
[54] CONNECTEUR DE COMMUNICATION POUVANT ETRE MIS A NIVEAU
[72] ARNETT, JAIME RAY, US
[73] LUCENT TECHNOLOGIES INC., US
[22] 1999-11-22
[30] US (09/221,093) 1998-12-28

[11] 2,290,728
[13] C

[51] Int.Cl. 7B61C 17/12 7B60R 16/02 7B60T 13/66
[25] EN
[54] MULTI-FUNCTION END OF TRAIN DEVICE FOR ELECTRICALLY CONTROLLED PNEUMATIC FREIGHT BRAKE SYSTEMS
[54] DISPOSITIF MULTIFONCTIONS DE QUEUE DE TRAIN POUR SYSTEMES DE FREINAGE PNEUMATIQUE A COMMANDE ELECTRIQUE
[72] BEZOS, ANGEL P., US
[73] WESTINGHOUSE AIR BRAKE COMPANY, US
[22] 1999-11-26
[30] US (209,488) 1998-12-11

[11] 2,290,843
[13] C

[51] Int.Cl. 7C09B 1/26 7A61K 7/13
[25] FR
[54] AMINOANTHRAQUINONES CATIONIQUES, LEUR UTILISATION POUR LA TEINTURE DES FIBRES KERATINIQUES, COMPOSITIONS TINCTORIALES LES RENFERMANT ET PROCEDES DE TEINTURE
[54] CATIONIC AMINOANTHRAQUINONES, THEIR USE IN THE DYEING OF KERATIN FIBRES, DYEING COMPOSITIONS CONTAINING THEM AND DYEING PROCESSES
[72] GENET, ALAIN, FR
[72] LAGRANGE, ALAIN, FR
[73] L'OREAL, FR
[22] 1999-11-26
[30] FR (98 15 046) 1998-11-30

[11] 2,292,796
[13] C

[51] Int.Cl. 7B01J 13/00 7A61P 17/00 7A61K 7/02 7A61P 27/02 7A61K 7/06 7A61K 9/107 7A61K 7/48
[25] FR
[54] NANOEMULSION A BASE D'ESTERS GRAS DE SORBITAN OXYETHYLENES OU NON OXYETHYLENES, ET SES UTILISATIONS DANS LES DOMAINES COSMETIQUE, DERMATOLOGIQUE ET/OU OPHTHALMOLOGIQUE
[54] NANOEMULSION WITH A BASE OF FATTY ESTERS OF OXYETHYLENATED OR NON-OXYETHYLENATED SORBITAN, ITS COSMETIC, DERMATOLOGICAL AND/OR OPHTHALMOLOGICAL USES
[72] SIMONNET, JEAN-THIERRY, FR
[72] SONNEVILLE, ODILE, FR
[72] LEGRET, SYLVIE, FR
[73] L'OREAL, FR
[22] 1999-12-16
[30] FR (98 15 949) 1998-12-17

[11] 2,292,797
[13] C

[51] Int.Cl. 7B01J 13/00 7B01F 17/00 7A61K 7/02 7A61K 7/06 7A61K 9/107 7A61K 7/48
[25] FR
[54] NANOEMULSION A BASE D'ESTERS GRAS DE GLYCEROL, ET SES UTILISATIONS DANS LES DOMAINES COSMETIQUE, DERMATOLOGIQUE ET/OU OPHTHALMOLOGIQUE
[54] NANOEMULSION WITH A BASE OF FATTY ESTERS OF GLYCEROL AND ITS COSMETIC, DERMATOLOGICAL AND/OR OPHTHALMOLOGICAL USES
[72] SIMONNET, JEAN-THIERRY, FR
[72] SONNEVILLE, ODILE, FR
[72] LEGRET, SYLVIE, FR
[73] L'OREAL, FR
[22] 1999-12-16
[30] FR (98 15 950) 1998-12-17

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[11] **2,293,200**
[13] C

[51] **Int.Cl. 7A01B 71/00 7A01D 47/00 7A01D 69/03**
[25] EN
[54] **HYDRAULIC SYSTEM FOR A DETACHABLE IMPLEMENT**
[54] **SYSTEME HYDRAULIQUE POUR DISPOSITIF AMOVIBLE**
[72] KILLEN, DALE H., US
[72] TELLER, THOMAS G., US
[72] KMOCH, DAVID WALTER, US
[73] DEERE & COMPANY, US
[22] 1999-12-24
[30] US (09/321,072) 1999-05-27

[11] **2,294,467**
[13] C

[51] **Int.Cl. 7G07D 3/00**
[25] EN
[54] **SOFTWARE LOADING SYSTEM FOR A COIN SORTER**
[54] **SYSTEME DE CHARGEMENT DE LOGICIEL POUR TRIEUSE DE PIECES**
[72] MAZUR, RICHARD A., US
[73] CUMMINS-ALLISON CORP., US
[85] 1999-12-21
[86] 1998-05-29 (PCT/US1998/010989)
[87] (WO1998/059323)
[30] US (08/881,420) 1997-06-24

[11] **2,295,391**
[13] C

[51] **Int.Cl. 7F24C 7/02 7F24C 7/08**
[25] EN
[54] **AUTOMATIC COOKING CONTROL METHOD FOR A MICROWAVE OVEN**
[54] **METHODE DE COMMANDE AUTOMATIQUE DE LA CUISSON POUR FOUR A MICRO-ONDES**
[72] LEE, WON-WOO, KR
[72] SHON, JONG-CHULL, KR
[72] LIM, DONG-BIN, KR
[72] PARK, TAE-SOO, KR
[72] JEONG, JOON-YOUNG, KR
[72] JANG, BO-IN, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2000-01-13
[30] KR (99-762) 1999-01-14
[30] KR (99-27330) 1999-07-07
[30] KR (99-27332) 1999-07-07

[11] **2,295,413**
[13] C

[51] **Int.Cl. 7F24C 7/02 7F24C 7/08**
[25] EN
[54] **DEFROSTING METHOD FOR A MICROWAVE OVEN**
[54] **METHODE DE DECONGELATION POUR FOUR A MICRO-ONDES**
[72] SHON, JONG-CHULL, KR
[72] JANG, BO-IN, KR
[72] LIM, DONG-BIN, KR
[72] LEE, WON-WOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2000-01-13
[30] KR (99-762) 1999-01-14
[30] KR (99-27331) 1999-07-07

[11] **2,295,756**
[13] C

[51] **Int.Cl. 7G08C 19/00**
[25] EN
[54] **BROWSER BASED COMMAND AND CONTROL HOME NETWORK**
[54] **RESEAU DOMESTIQUE DE GESTION ET DE COMMANDE A BASE DE NAVIGATEUR**
[72] DEACON, MICHAEL S., US
[72] WOLFF, ROBERT M., US
[72] HUMPLEMAN, RICHARD JAMES, US
[72] HARMS, G. KEVIN, US
[73] SAMSUNG INFORMATION SYSTEMS AMERICA, US
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 1999-12-21
[86] 1998-06-24 (PCT/IB1998/001112)
[87] (WO1998/059282)
[30] US (60/050,762) 1997-06-25
[30] US (60/059,499) 1997-09-22

[11] **2,296,091**
[13] C

[51] **Int.Cl. 7G06F 11/10 7H03M 13/00 7H04J 3/26 7H04L 12/56**
[25] EN
[54] **METHOD AND APPARATUS FOR ADAPTIVE CONTROL OF FORWARD ERROR CORRECTION CODES**
[54] **PROCEDE ET APPAREIL DE COMMANDE ADAPTATIVE DE CODES DE CORRECTION AVAL D'ERREURS**
[72] CHITRE, DATTAKUMAR M., US
[72] AGARWAL, ANIL K., US
[73] VIASAT, INC., US
[85] 2000-01-12
[86] 1998-07-15 (PCT/US1998/014193)
[87] (WO1999/004338)
[30] US (60/052,539) 1997-07-15

[11] **2,296,466**
[13] C

[51] **Int.Cl. 7C07K 5/062 7C07D 471/04 7A61K 38/05 7A61K 31/435**
[25] EN
[54] **ALATROFLOXACIN PARENTERAL COMPOSITIONS**
[54] **COMPOSITIONS A BASE D'ALATROFLOXACINE, ADMINISTRABLES PAR VOIE PARENTERALE**
[72] LAMBERT, JOHN FRANCIS, US
[72] GUINN, ROBERT MARK, US
[72] WALINSKY, STANLEY WALTER, US
[72] GUHAN, SUBRAMANIAN SAM, US
[73] PFIZER PRODUCTS INC., US
[85] 2000-01-18
[86] 1998-07-23 (PCT/IB1998/001122)
[87] (WO1999/006430)
[30] US (60/054,246) 1997-08-01

[11] **2,296,784**
[13] C

[51] **Int.Cl. 7G08B 13/196 7H04N 7/18**
[25] EN
[54] **EXIT GUARD SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DES SORTIES**
[72] ROSS, DONALD K., US
[72] THOMASON, RICK D., US
[72] MCGHEE, DAVID W., US
[72] GAROUTTE, MAURICE V., US
[73] CERNIUM, INC., US
[22] 2000-01-21
[30] US (09/234,688) 1999-01-21

[11] **2,296,810**
[13] C

[51] **Int.Cl. 7H04M 3/487 7H04L 12/16**
[25] EN
[54] **METHOD AND APPARATUS FOR REMOTELY ACCESSING CALL ORIGINATION INFORMATION**
[54] **METHODE ET DISPOSITIF D'ACCES A DISTANCE A L'INFORMATION DE PROVENANCE DES APPELS**
[72] HENDERSON, DONNIE, US
[73] AT&T CORP., US
[22] 2000-01-24
[30] US (09/244,989) 1999-02-10

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[11] **2,297,010**
[13] C
[51] **Int.Cl. 7C11D 1/22 7C07C 11/02**
7C07C 303/06 7C07C 303/08 7C07C 15/
107 7C07C 2/30 7C07C 309/31 7C07C 2/66
[25] EN
[54] **CLEANING PRODUCTS**
COMPRISING IMPROVED
ALKYLARYLSULFONATE
SURFACTANTS PREPARED VIA
VINYLDENE OLEFINS AND
PROCESSES FOR PREPARATION
THEREOF
[54] **PRODUITS DE NETTOYAGE**
COMPORTANT DES TENSIOACTIFS
ALKYLARYLSULFONATE
AMELIORES PREPARES A L'AIDE
D'OLEFINES DE VINYLDENE ET
PROCEDES DE PREPARATION
DESDITS PRODUITS
[72] BURCKETT-ST. LAURENT, JAMES
CHARLES THEOPHILE ROGER, US
[72] CRIFE, THOMAS ANTHONY, US
[72] SCHEIBEL, JEFFREY JOHN, US
[72] CONNOR, DANIEL STEDMAN, US
[72] KOTT, KEVIN LEE, US
[73] THE PROCTER & GAMBLE
COMPANY, US
[85] 2000-01-20
[86] 1998-07-20 (PCT/IB1998/001098)
[87] (WO1999/005241)
[30] US (60/053,186) 1997-07-21

[11] **2,297,625**
[13] C
[51] **Int.Cl. 7B62D 25/00 7B60R 19/42**
[25] EN
[54] **SIDE IMPACT STRUCTURE FOR A**
MASS TRANSIT VEHICLE
[54] **STRUCTURE DE PROTECTION**
LATERALE D'UN VEHICULE DE
TRANSPORT EN COMMUN
[72] STANTON, WILLIAM H., CA
[73] NEW FLYER INDUSTRIES LIMITED,
CA
[22] 2000-02-03

[11] **2,297,719**
[13] C
[51] **Int.Cl. 7B60J 1/08**
[25] EN
[54] **WINDOW STRUCTURE FOR MASS**
TRANSIT VEHICLE
[54] **STRUCTURE DE VITRE POUR**
VEHICULE DE TRANSPORT EN
COMMUN
[72] PENELTON, GARY BLAINE, CA
[72] CAMPBELL, GLENN, CA
[72] STANTON, WILLIAM H., CA
[73] NEW FLYER INDUSTRIES LIMITED,
CA
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[54] **TABLETTE ELECTRONIQUE A**
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[72] PATEL, NARESH C., US
[72] CLARKE, JOHN E., US
[73] LUCENT TECHNOLOGIES INC., US
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[51] **Int.Cl. 7H01P 7/10 7H01P 1/20 7H01P**
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[54] **MULTIMODE DIELECTRIC**
RESONATOR DEVICE, DIELECTRIC
FILTER, COMPOSITE DIELECTRIC
FILTER, SYNTHESIZER,
DISTRIBUTOR, AND
COMMUNICATION DEVICE
[54] **DISPOSITIFS A RESONANCE**
DIELECTRIQUES MULTIMODES,
FILTRE DIELECTRIQUE, FILTRE
DIELECTRIQUE COMPOSITE,
SYNTHETISEUR, DISTRIBUTEUR ET
EQUIPEMENT DE COMMUNICATION
[72] KURISU, TORU, JP
[72] ABE, SHIN, JP
[72] TANAKA, NORIHIRO, JP
[72] HATTORI, JUN, JP
[73] MURATA MANUFACTURING CO.,
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[85] 2000-03-02
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[51] **Int.Cl. 7G02B 27/64 7G01C 21/18**
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[25] EN
[54] **SYSTEM FOR PSEUDO ON-**
GIMBAL, AUTOMATIC LINE-OF-
SIGHT ALIGNMENT AND
STABILIZATION OF OFF-GIMBAL
ELECTRO-OPTICAL PASSIVE AND
ACTIVE SENSORS
[54] **ALIGNEMENT ET**
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[73] RAYTHEON COMPANY, US
[85] 2000-03-14
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[51] **Int.Cl. 7A43B 13/04 7A43B 13/18**
[25] EN
[54] **ATHLETIC SHOE SOLE DESIGN**
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[54] **CONCEPTION ET FABRICATION**
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[73] MIZUNO CORPORATION, JP
[22] 2000-04-12
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[25] EN
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[72] RYAN, JOHN O., US
[72] KUROWSKI, KORDIAN J., US
[72] HOLZGRAFE, JAMES R., US
[72] DAVIDSON, CLAYTON L., US
[72] RODRIGUEZ, TONY FORREST, US
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[73] MACROVISION CORPORATION, US
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[54] **SOUPAPE DE DECHARGE MODULATRICE**
[72] TAYLOR, WESLEY L., US
[73] IN LIVING TRUST OF ELEANOR A. TAYLOR, US
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[54] **DISPOSITIF PERMETTANT DE DETERMINER LES QUANTITES DE COMPOSANTS ET/OU LES PROPRIETES DES PRODUITS DE RECOLTE**
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[72] KORMANN, GEORG, DE
[73] DEERE & COMPANY, US
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[54] **POURSUIITE D'OBJETS MAGNETIQUES BASEE SUR L'OBSERVATION DIRECTE DES MESURES D'UN CAPTEUR MAGNETIQUE**
[72] GILBERT, HAROLD C., US
[72] KOHNEN, KIRK K., US
[72] SAGLEMBENI, ANTHONY, US
[72] RAKIJAS, MICHAEL, US
[73] RAYTHEON COMPANY, US
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[25] EN
[54] **METHOD OF MANUFACTURING A LIQUID DISCHARGE HEAD, LIQUID DISCHARGE HEAD MANUFACTURED BY THE SAME METHOD, AND METHOD OF MANUFACTURING A MINUTE MECHANICAL APPARATUS**
[54] **METHODE DE FABRICATION D'UNE TETE DE DECHARGE DE LIQUIDE, TETE DE DECHARGE DE LIQUIDE FABRIQUEE AVEC LA MEME METHODE, ET METHODE DE FABRICATION D'UN PETIT APPAREIL MECANIQUE**
[72] IJIMA, YASUSHI, JP
[72] KURIHARA, YOSHIKI, JP
[72] MASUKAWA, TATSUYA, JP
[72] TAGAWA, YOSHINORI, JP
[72] MIYAGAWA, MASASHI, JP
[72] WATANABE, MAKOTO, JP
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[73] CANON KABUSHIKI KAISHA, JP
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[54] **ROBINET DE COMMUTATION POUR MITIGEUR DOUBLE**
[72] KO, HSI-CHIA, TW
[73] CHUNG CHENG FAUCET CO., LTD., TW
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[54] **PROCEDE DE FRAGMENTATION IONIQUE DANS UN PIEGE A IONS QUADRUPOLE**
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[72] TAYLOR, DENNIS M., US
[73] FINNIGAN CORPORATION, US
[85] 2000-07-06
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OPTIMIZED FOR STABLE
OPERATION
[54] AMPLIFICATEUR DE MICRO-
ONDES OPTIMISE POUR OPERER DE
FACON STABLE
[72] ITOH, YASUSHI, JP
[72] OHSHIMA, TAKESHI, JP
[72] UCHIDA, HIROMITSU, JP
[73] MITSUBISHI DENKI KABUSHIKI
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[54] ENVIRONMENTALLY FRIENDLY
CHEWING GUM BASES INCLUDING
POLYHYDROXYALKANOATES
[54] BASE POUR GOMME A MACHER
ECOLOGIQUE COMPRENANT DES
POLYHYDROXYALCANOATES
[72] FOSTER, JOHN W., US
[72] LI, WEISHENG, US
[72] ORFAN, CHARLES P., US
[72] LIU, JINGPING, US
[73] WM. WRIGLEY JR. COMPANY, US
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[11] 2,321,238
[13] C

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[25] EN
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PATIENT
[54] DISPOSITIF DE PLACEMENT
D'UN PATIENT
[72] VEST, JAN ERIK, DK
[73] ROPOX A/S, DK
[22] 2000-09-27

[11] 2,321,744
[13] C

[51] Int.Cl. 6G02F 1/01
[25] EN
[54] METHOD OF FABRICATING
OPTICAL NONLINEAR THIN FILM
WAVEGUIDE AND OPTICAL
NONLINEAR THIN FILM WAVEGUIDE
[54] PROCEDE DE FABRICATION
D'UN GUIDE D'ONDES OPTIQUE A
COUCHE MINCE NON LINEAIRE ET
GUIDE D'ONDES OPTIQUE A COUCHE
MINCE NON LINEAIRE
[72] IKUSHIMA, AKIRA, JP
[72] FUJIWARA, TAKUMI, JP
[72] KOMEDA, OSAMU, JP
[73] TOYOTA SCHOOL FOUNDATION,
JP
[73] TOYOTA JIDOSHA KABUSHIKI
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[13] C

[51] Int.Cl. 7H01Q 1/22 7H04B 7/00
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SYSTEM
[54] RESEAU D'ANTENNES
SUPERPOSEES
[72] FANTON, MYRON D., US
[72] SCHARP, KERRY D., US
[72] MAMAK, WALTER J., US
[72] OSTERTAG, EDWARD L., US
[72] HEATHERWICK, ALAN E., US
[73] ANDREW CORPORATION, US
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[25] EN
[54] PERSONAL USER NETWORK
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[54] RESEAU D'UTILISATEURS FERME
[72] FEN-CHUNG, KUNG, US
[72] RUSSELL, JESSE EUGENE, US
[72] WALKER, HOPETON, US
[72] WANG, SPENCER, US
[73] AT&T CORP., US
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[11] 2,331,681
[13] C

[51] Int.Cl. 6H01Q 21/29 6H01Q 5/00
6H01Q 21/10 6H01Q 1/24 6H01Q 21/26
[25] EN
[54] DUAL POLARISED MULTI-RANGE
ANTENNA
[54] ANTENNE MULTIGAMME A
POLARISATION DOUBLE
[72] KLINGER, GEORG, DE
[72] GOTTL, MAXIMILIAN, DE
[72] GABRIEL, ROLAND, DE
[73] KATHREIN-WERKE KG, DE
[85] 2000-11-03
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[87] (WO1999/062139)
[30] DE (198 23 749.9) 1998-05-27

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[13] C

[51] Int.Cl. 7H01Q 21/30
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[54] MULTIBAND ANTENNA
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[72] HAUNBERGER, THOMAS, DE
[73] KATHREIN-WERKE KG, DE
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[87] (WO2000/057514)
[30] DE (199 12 465.5) 1999-03-19

[11] 2,338,114
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FOR FOUR-PHASE CLOCKING
SCHEME
[54] LOGIQUE EN DOMINO A POLE
UNIQUE DESTINEE A UN TYPE DE
CADENCEMENT EN QUATRE PHASE
[72] ABDEL-HAFEEZ, SALEH, US
[72] RANJAN, NALINI, US
[73] S3 INCORPORATED, US
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[25] EN

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AND THEIR USE**

[54] **PROMOTEURS DESTINES
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RACINES ET UTILISATIONS DE CES
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[73] GLAXO GROUP LIMITED, GB

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[54] **MUSICAL INSTRUMENT STAND**

[54] **SUPPORT D'INSTRUMENT DE
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[72] WILFER, HANS-PETER, DE

[73] WILFER, HANS-PETER, DE

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[30] EP (00 118 805.1) 2000-08-30

[11] **2,354,171**

[13] C

[51] **Int.Cl. 7G02B 6/36**

[25] EN

[54] **OPTICAL CONNECTOR**

[54] **CONNECTEUR OPTIQUE**

[72] SUGITA, ETSUJI, JP

[72] IWANO, SHIN'ICHI, JP

[72] KANAYAMA, KAZUNORI, JP

[72] NAGASE, RYO, JP

[72] ANDO, YASUHIRO, JP

[73] NIPPON TELEGRAPH &
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March 23, 2003 - March 29, 2003

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23 mars 2003 - 29 mars 2003

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[13] A1
[51] **Int.Cl. 7C12Q 1/68 7C12Q 1/02**
[25] EN
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[54] **METHODE DE DIAGNOSTIC ET D'EVALUATION DU RISQUE DE MALADIE**
[72] ALDERBORN, ANDERS, SE
[72] ENGSTRAND, LARS, SE
[71] PYROSEQUENCING AB, SE
[22] 2001-09-24
[43] 2003-03-24

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[13] A1
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[25] EN
[54] **AUTOMATIC SORTING COMPRESSION MACHINE FOR IRON, ALUMINUM CANS AND PLASTIC BOTTLES**
[54] **PRESSE-TRIEUSE AUTOMATIQUE DE CANETTES EN FER, EN ALUMINIUM ET DE BOUTEILLES DE PLASTIQUE**
[72] WANG, TU-MU, CN
[71] WANG, TU-MU, CN
[22] 2001-09-25
[43] 2003-03-25

[21] **2,357,690**
[13] A1
[51] **Int.Cl. 7A42B 3/04**
[25] EN
[54] **LOCKING DEVICE FOR ADJUSTABLE HELMETS**
[54] **MECANISME DE VERROUILLAGE POUR CASQUES REGLABLES**
[72] RACINE, BERTRAND, US
[71] BAUER NIKE HOCKEY INC., CA
[22] 2001-09-25
[43] 2003-03-25

[21] **2,357,714**
[13] A1
[51] **Int.Cl. 7C02F 9/14 7C02F 3/30**
[25] EN
[54] **WASTEWATER TREATMENT APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE TRAITEMENT DES EAUX USEES**
[72] TRIM, MARTIN JOHN, CA
[71] TRIM, MARTIN JOHN, CA
[22] 2001-09-25
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[51] **Int.Cl. 7A44C 7/00**
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[54] **BIJOU DE SIMILI-PERCAGE CORPOREL ET METHODE D'APPLICATION**
[72] ANDERSON, DWAYNE, CA
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[22] 2001-09-24
[43] 2003-03-24

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[25] EN
[54] **LUMBER TRIMMER**
[54] **DEBITEUSE DE BOIS D'OEUVRE**
[72] NEWNES, WILLIAM R., CA
[72] HENDERSON, DEANE R., CA
[72] HALPER, PAUL L., CA
[71] CAE INC., CA
[22] 2001-09-26
[43] 2003-03-26

[21] **2,357,819**
[13] A1
[51] **Int.Cl. 7B65D 17/353**
[25] EN
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[54] **CONDITIONNEMENT AMELIORE**
[72] BRICK, RALPH B., US
[71] BRICK, RALPH B., US
[22] 2001-09-26
[43] 2003-03-26

[21] **2,357,824**
[13] A1
[51] **Int.Cl. 7B65D 1/40 7B65D 8/14**
[25] EN
[54] **SYNTHETIC RESIN LIQUID CONTAINER**
[54] **CONTENANT A LIQUIDE EN RESINE DE SYNTHESE**
[72] HIGUCHI, MITSUO, JP
[71] GOHSHO COMPANY, LTD., JP
[22] 2001-09-26
[43] 2003-03-26

[21] **2,357,841**
[13] A1
[51] **Int.Cl. 7B61D 3/20 7B61D 17/00**
[25] EN
[54] **CROSS MEMBER WITH CONTAINER STOP**
[54] **MEMBRURE TRANSVERSALE A BUTEE DE CONTENEUR**
[72] KHATTAB, MOHAMED A., CA
[72] COSLOVI, ILARIO A., CA
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[72] FORBES, JAMES W., CA
[71] NATIONAL STEEL CAR LIMITED, CA
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[43] 2003-03-27

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[25] EN
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REMOVAL ASSEMBLY
[54] RESERVOIR DE CHASSE A
DISPOSITIF D'ELIMINATION DES
SEDIMENTS ACCUMULES
[72] SCHUSTER, MICHAEL, US
[71] SCHUSTER, MICHAEL, US
[22] 2001-09-27
[43] 2003-03-27

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[13] A1

[51] Int.Cl. 7E21B 43/08
[25] EN
[54] SLOTTING GEOMETRY FOR
METAL PIPE AND METHOD OF USE
OF THE SAME
[54] GEOMETRIE DES FENTES D'UNE
COLONNE PERDUE A FENTES ET
METHODE D'EMPLOI
[72] SLACK, MAURICE WILLIAM, CA
[71] NOETIC ENGINEERING INC., CA
[22] 2001-09-28
[43] 2003-03-28

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[13] A1

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[25] EN
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[54] TETE DE MISE A FEU
HYDRAULIQUE
[72] BROAD, ROSS, CA
[71] INNICOR SUBSURFACE
TECHNOLOGIES INC., CA
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[43] 2003-03-28

[21] 2,357,885
[13] A1

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[25] EN
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D RING
[54] HARNAIS DE SECURITE A
ANNEAU EN D A L'AVANT
[72] ZEISSLER, BRETT RICHARD, CA
[72] JOHNSON, PETER, CA
[71] SAFETY DIRECT LTD., CA
[22] 2001-09-28
[43] 2003-03-28

[21] 2,357,902
[13] A1

[51] Int.Cl. 7A47C 3/00 7A61G 5/00
[25] EN
[54] THERAPEUTIC CHAIR
[54] CHAISE THERAPEUTIQUE
[72] MARTIN, CHARLES N., CA
[71] MARTIN, CHARLES N., CA
[22] 2001-09-26
[43] 2003-03-26

[21] 2,357,903
[13] A1

[51] Int.Cl. 7B27L 7/04 7B27L 7/06
[25] EN
[54] LOG SPLITTING APPARATUS
AND METHOD OF USE OF THE SAME
[54] MACHINE A FENDRE LE BOIS ET
METHODE D'UTILISATION
[72] ELLISON, CHARLES ROBERT, CA
[71] ELLISON, CHARLES ROBERT, CA
[22] 2001-09-26
[43] 2003-03-26

[21] 2,357,904
[13] A1

[51] Int.Cl. 7A43B 9/00
[25] EN
[54] SHOE WITH REPLACEABLE
VAMP AND INSOLE
[54] CHAUSSURE A EMPaigne ET
SEMELLE INTERIEURE
REMPLOCABLE
[72] TSAI, MAO-CHENG, TW
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[22] 2001-09-26
[43] 2003-03-26

[21] 2,357,906
[13] A1

[51] Int.Cl. 7C12N 15/49 7C07K 16/10
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[25] EN
[54] IDENTIFICATION OF NEW CD8
EPITOPES FROM HIV-1 PROTEINS
WITH THERAPEUTICAL AND
VACCINAL PROPERTIES AGAINST
HIV INFECTIONS
[54] IDENTIFICATION DE NOUVEAUX
EPITOPES DE CD8 DE PROTEINES
AYANT DES PROPRIETES
THERAPEUTIQUES ET
IMMUNOLOGIQUES POUR LUTTER
CONTRE LES INFECTIONS A VIH
[72] CARDINAUD, SYLVAIN, FR
[72] HABEL, ANDRE, DE
[72] LANGLADE-DEMOYEN, PIERRE, FR
[72] LEMONNIER, FRANCOIS, FR
[71] INSTITUT PASTEUR, FR
[22] 2001-09-28
[43] 2003-03-28

[21] 2,357,907
[13] A1

[51] Int.Cl. 7C02F 3/00 7C02F 3/02 7C02F
3/30
[25] EN
[54] BACTERIA GROWTH
APPARATUS FOR USE IN MULTI
CHAMBER BIOLOGICAL REACTOR
USED AFTER A SETTLING TANK OR
SOLIDS REMOVAL APPARATUS
[54] APPAREIL DE CULTURE DE
BACTERIES POUR REACTEUR
BIOLOGIQUE A CHAMBRES
MULTIPLES UTILISE A LA SORTIE
D'UN BASSIN DE SEDIMENTATION OU
D'UN APPAREIL D'EXTRACTION DES
SOLIDES
[72] LORD, GARFIELD R., TC
[71] STRATEGIC ENVIRONMENTAL
TECHNOLOGIES LTD., TC
[22] 2001-09-26
[43] 2003-03-26

Demandes canadiennes mises à la disponibilité du public
23 mars 2003 - 29 mars 2003

[21] **2,357,913**
[13] A1

[51] **Int.Cl. 7H04L 1/24 7H04L 29/02 7H04L 12/24**
[25] EN
[54] **SYSTEM FOR PROVIDING FABRIC ACTIVITY SWITCH CONTROL IN A COMMUNICATIONS SYSTEM**
[54] **DISPOSITIF DE COMMANDE A COMMUTATEUR D'ALIGNEMENT DE TISSUS POUR SYSTEME DE COMMUNICATION**
[72] FRIESEN, LARRY, CA
[72] SOETEMANS, JOSEPH, CA
[71] ALCATEL CANADA INC., CA
[22] 2001-09-27
[43] 2003-03-27

[21] **2,357,922**
[13] A1

[51] **Int.Cl. 7G07D 13/00**
[25] EN
[54] **BANKNOTE LOADER**
[54] **CHARGEUR DE BILLETS DE BANQUE**
[72] SALTISOV, LEON, CA
[72] ONIPCHENKO, OLEKSANDR, CA
[72] GISAR, BORIS, UA
[72] BUKHMAN, SERGIY, CA
[72] ANDROSYUK, SERGIY, CA
[72] KUCHERENKO, MYKHAYLO, CA
[71] CASHCODE COMPANY INC., CA
[22] 2001-09-28
[43] 2003-03-28

[21] **2,357,926**
[13] A1

[51] **Int.Cl. 7A47H 23/00**
[25] EN
[54] **CURTAIN AND BLIND ARRANGEMENT**
[54] **ENSEMBLE RIDEAU-STORE**
[72] NIEN, MING, TW
[71] NIEN MADE ENTERPRISE CO., LTD., TW
[22] 2001-09-28
[43] 2003-03-28

[21] **2,357,930**
[13] A1

[51] **Int.Cl. 7G07D 13/00 7G07D 11/00**
[25] EN
[54] **BANKNOTE ACCUMULATOR**
[54] **ACCUMULATEUR DE BILLETS DE BANQUE**
[72] SALTISOV, LEON, CA
[72] BUKHMAN, SERGIY, CA
[72] ONIPCHENKO, OLEKSANDR, CA
[72] KUCHERENKO, MYKHAYLO, CA
[72] ANDROSYUK, SERGIY, CA
[71] CASHCODE COMPANY INC., CA
[22] 2001-09-28
[43] 2003-03-28

[21] **2,357,931**
[13] A1

[51] **Int.Cl. 7H04L 1/20 7H04L 29/02 7H04L 12/24**
[25] EN
[54] **SYSTEM AND METHOD OF SELECTING SOURCES FOR A NETWORK ELEMENT HAVING REDUNDANT SOURCES**
[54] **SYSTEME ET METHODE DE SELECTION DE SOURCES POUR ELEMENT DE RESEAU A SOURCES REDONDANTES**
[72] CHOW, JOEY, CA
[72] COTE, JOE, CA
[71] ALCATEL CANADA INC., CA
[22] 2001-09-27
[43] 2003-03-27

[21] **2,357,932**
[13] A1

[51] **Int.Cl. 7H04B 10/12 7H04B 10/08 7H04B 10/20**
[25] EN
[54] **METHOD OF SYNCHRONIZING PARALLEL OPTICAL LINKS BETWEEN COMMUNICATIONS COMPONENTS**
[54] **METHODE DE SYNCHRONISATION DE LIAISONS OPTIQUES PARALLELES ENTRE DES DISPOSITIFS DE COMMUNICATION**
[72] NAGY, DERRICK, CA
[72] SCHALLER, WILLIAM, CA
[72] CAMPBELL, BRIAN, CA
[71] ALCATEL CANADA INC., CA
[22] 2001-09-27
[43] 2003-03-27

[21] **2,357,937**
[13] A1

[51] **Int.Cl. 7G06F 17/30**
[25] EN
[54] **DATABASE DIAGNOSTIC SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE DIAGNOSTIC POUR BASES DE DONNEES**
[72] HORMAN, RANDALL WILLIAM, CA
[72] VALENTIN, GARY, CA
[72] LIGHTSTONE, SAM S., CA
[71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA
[22] 2001-09-28
[43] 2003-03-28

[21] **2,357,938**
[13] A1

[51] **Int.Cl. 7B24B 19/00**
[25] EN
[54] **APPARATUS AND METHOD FOR CIRCULAR VORTEX AIR FLOW MATERIAL GRINDING**
[54] **APPAREIL ET METHODE DE BROYAGE A JET D'AIR CIRCULAIRE**
[72] POLIFKA, FRANCIS D., US
[71] POLIFKA, FRANCIS D., US
[22] 2001-09-28
[43] 2003-03-28

[21] **2,357,939**
[13] A1

[51] **Int.Cl. 7H04Q 9/00 7H04L 29/02**
[25] EN
[54] **MASTER-SLAVE COMMUNICATIONS SYSTEM AND METHOD FOR A NETWORK ELEMENT**
[54] **SYSTEME ET METHODE DE COMMUNICATION MAITRE-ESCLAVE POUR ELEMENT DE RESEAU**
[72] PIKE, DION, CA
[71] ALCATEL CANADA INC., CA
[22] 2001-09-27
[43] 2003-03-27

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[21] 2,357,944
[13] A1

[51] Int.Cl. 7H04Q 9/00 7H04Q 11/00
7H04L 29/02

[25] EN

[54] MULTI-SUBSHELF CONTROL
SYSTEM AND METHOD FOR A
NETWORK ELEMENT

[54] SYSTEME ET METHODE DE
COMMANDE MULTILOGEMENT
POUR ELEMENT DE RESEAU

[72] PIKE, DION, CA

[71] ALCATEL CANADA INC., CA

[22] 2001-09-27

[43] 2003-03-27

[21] 2,357,955
[13] A1

[51] Int.Cl. 7G02B 27/28

[25] EN

[54] ALL-FIBER DEPOLARIZER
[54] DEPOLARISEUR TOUT FIBRE
OPTIQUE

[72] VILLENEUVE, ALAIN, CA

[72] GONTHIER, FRANCOIS, CA

[72] DION, BRUNO Y., CA

[72] GODBOUT, NICOLAS, CA

[71] ITF TECHNOLOGIES OPTIQUES
INC.- ITF OPTICAL TECHNOLOGIES
INC., CA

[22] 2001-09-28

[43] 2003-03-28

[21] 2,357,956
[13] A1

[51] Int.Cl. 7E06B 9/326

[25] EN

[54] LIFT CORD RECEIVING DEVICE
FOR BLIND

[54] RECEPTEUR DE CORDE DE
MANOEUVRE DE STORE VENITIEN

[72] HUNG, TIEN-SZU, TW

[71] NIEN MADE ENTERPRISE CO., LTD.,
TW

[22] 2001-09-28

[43] 2003-03-28

[21] 2,357,969
[13] A1

[51] Int.Cl. 7G06F 17/00 7G06F 3/14

[25] EN

[54] CUSTOMAZATION OF OBJECT
PROPERTY LAYOUT FOR A USER
INTERFACE

[54] PERSONNALISATION DE LA
PRESENTATION DES PROPRIETES
D'OBJETS POUR UNE INTERFACE
UTILISATEUR

[72] SROUJIAN, THERESE, CA

[72] SEELEMANN, DIRK ALEXANDER,
CA

[72] PARSONS, CECIL LORNE, CA

[72] MELHEM, WASSIM, CA

[71] IBM CANADA LIMITED-IBM

CANADA LIMITEE, CA

[22] 2001-09-28

[43] 2003-03-28

[21] 2,357,982
[13] A1

[51] Int.Cl. 7A61K 31/403 7C08K 13/02
7A61P 9/12 7A61K 9/48

[25] EN

[54] SOLID COMPOSITIONS
COMPRISING RAMIPRIL

[54] COMPOSITIONS SOLIDES
CONTENANT DU RAMIPRIL

[72] SHERMAN, BERNARD CHARLES,
CA

[71] SHERMAN, BERNARD CHARLES,
CA

[22] 2001-09-28

[43] 2003-03-28

[21] 2,357,985
[13] A1

[51] Int.Cl. 7H01L 21/42

[25] EN

[54] METHOD FOR MANUFACTURING
A SEMICONDUCTOR DEVICE

[54] METHODE DE FABRICATION DE
SEMI-CONDUCTEUR

[72] NISHIHARA, YOSHIAKI, JP

[72] JO, JUNGYOL, KR

[71] S.H.I. EXAMINATION &

INSPECTION, LTD., JP

[71] JO, JUNGYOL, KR

[22] 2001-09-28

[43] 2003-03-28

[21] 2,357,987
[13] A1

[51] Int.Cl. 7C12N 15/12 7C12P 21/00

7C12Q 1/00 7A61P 19/08 7C12N 5/10

7A61K 38/17 7C07K 16/18 7C07K 14/47

7A61K 47/48 7G01N 33/566 7C12N 15/63

7A61K 31/70

[25] EN

[54] GENETIC SEQUENCE RELATED
TO BONE DISEASES

[54] SEQUENCE GENETIQUE LIEE A
DES MALADIES OSSEUSES

[72] VACHER, JEAN, ZZ

[72] BENACHENHOU, NADIA, ZZ

[72] CHALHOUB, NADER, ZZ

[71] AVENTIS PHARMA S.A., FR

[22] 2001-09-27

[43] 2003-03-27

[21] 2,357,988
[13] A1

[51] Int.Cl. 7H04B 10/08 7H04J 14/02

[25] EN

[54] TOPOLOGY DISCOVERY IN
OPTICAL WDM NETWORKS

[54] SYSTEME DE DETERMINATION
DE TOPOLOGIES POUR RESEAUX A
MULTIPLEXAGE OPTIQUE

[72] DANG, CUONG TU, CA

[72] OBEDA, PAUL DAVID, CA

[72] BIERMAN, ROBERT MICHAEL, CA

[72] NEUSTADTER, UDO MIRCEA, CA

[72] NELLES, DAVID EDWARD, CA

[71] TROPIC NETWORKS INC., CA

[22] 2001-09-27

[43] 2003-03-27

[21] 2,357,989
[13] A1

[51] Int.Cl. 7G03B 17/00

[25] EN

[54] CAMERA REFERENCE DEVICE
AND METHOD OF MAKING CAMERA
REFERENCE DEVICE

[54] DISPOSITIF DE REFERENCE
POUR CAMERA ET METHODE DE
CONSTRUCTION D'UN TEL
DISPOSITIF

[72] CORLEY, FERRAND DAVID

ERNEST, CA

[71] CORLEY, FERRAND DAVID

ERNEST, CA

[22] 2001-09-28

[43] 2003-03-28

Demandes canadiennes mises à la disponibilité du public
23 mars 2003 - 29 mars 2003

[21] **2,357,991**
[13] A1

[51] **Int.Cl. 7G02F 1/01 7H04B 10/04 7G02B 27/28**
[25] EN
[54] **OPTICAL PHASE SHIFTING, SPLITTING AND COMBINING DEVICE**
[54] **DISPOSITIF OPTIQUE DE DEPHASAGE, DE REPARTITION ET DE COMBINAISON**
[72] GODBOUT, NICOLAS, CA
[72] VACHON, NELSON, CA
[71] ITF TECHNOLOGIES OPTIQUES INC.- ITF OPTICAL TECHNOLOGIES INC., CA
[22] 2001-09-28
[43] 2003-03-28

[21] **2,357,994**
[13] A1

[51] **Int.Cl. 7G06F 17/00 7G06F 17/60**
[25] EN
[54] **AUTOMATED SYSTEM FOR RATING PIPE SEGMENTS IN A WATER DISTRIBUTION SYSTEM**
[54] **SYSTEME AUTOMATISE D'EVALUATION DE TRONCONS DE CANALISATION DE DISTRIBUTION D'EAU**
[72] KIRWAN, KEVIN B., US
[71] AMERICAN WATER WORKS COMPANY, INC., US
[22] 2001-09-27
[43] 2003-03-27

[21] **2,357,999**
[13] A1

[51] **Int.Cl. 7E21B 4/00**
[25] EN
[54] **APPARATUS FOR CONTROLLING A DOWNHOLE DRILLING MOTOR ASSEMBLY**
[54] **APPAREIL DE COMMANDE DE MOTEUR DE FORAGE FOND DE TROU**
[72] WENZEL, WILLIAM RAY, CA
[71] WENZEL DOWNHOLE TOOLS LTD., CA
[22] 2001-09-27
[43] 2003-03-27

[21] **2,358,019**
[13] A1

[51] **Int.Cl. 7H04Q 1/04 7H04L 29/10**
[25] EN
[54] **SYSTEM AND METHOD FOR CONFIGURING A NETWORK ELEMENT**
[54] **SYSTEME ET METHODE DE CONFIGURATION D'ELEMENTS DE RESEAU**
[72] DECECCO, STEFANO, CA
[72] SERJAK, PETER, CA
[72] CHOW, JOEY, CA
[72] PIKE, DION, CA
[72] SPRATLEY, JONATHAN, CA
[71] ALCATEL CANADA INC., CA
[22] 2001-09-27
[43] 2003-03-27

[21] **2,358,021**
[13] A1

[51] **Int.Cl. 7F16H 3/40**
[25] EN
[54] **REVERSIBLE GEAR BOX FOR USE WITH AN AUGER**
[54] **REDUCTEUR-INVERSEUR DE MARCHE POUR TARIERE**
[72] WOODCOCK, BRENT, CA
[71] BTG MANUFACTURING INC., CA
[22] 2001-09-25
[43] 2003-03-25

[21] **2,358,027**
[13] A1

[51] **Int.Cl. 7H04Q 9/00 7H04L 29/02**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATICALLY NUMBERING SHELVES IN A MULTI-SHELF NETWORK ELEMENT**
[54] **METHODE ET SYSTEME DE NUMEROTATION AUTOMATIQUE DES LOGEMENTS DANS UN ELEMENT DE RESEAU MULTIOGEMENT**
[72] SOETEMANS, JOSEPH, CA
[71] ALCATEL CANADA INC., CA
[22] 2001-09-27
[43] 2003-03-27

[21] **2,358,034**
[13] A1

[51] **Int.Cl. 7H04Q 9/00 7H04Q 9/14 7G08C 19/16**
[25] EN
[54] **SYSTEM AND METHOD FOR NETWORK ELEMENT EQUIPMENT STATUS MONITORING**
[54] **SYSTEME ET METHODE DE SURVEILLANCE DE L'ETAT DE L'EQUIPEMENT D'UN ELEMENT DE RESEAU**
[72] GRIEVE, RICHARD, CA
[72] PIKE, DION, CA
[71] ALCATEL CANADA INC., CA
[22] 2001-09-27
[43] 2003-03-27

[21] **2,358,037**
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04Q 9/00**
[25] EN
[54] **SYSTEM AND METHOD FOR A CONTROL SERVICES LINK FOR A MULTI-SHELF NODE IN A COMMUNICATION SWITCH**
[54] **SYSTEME ET METHODE DE CONNEXION DE LIAISONS DE SERVICES DE COMMANDE POUR NOEUD MULTIOGEMENT DE COMMUNICATEUR DE COMMUNICATION**
[72] SOETEMANS, JOSEPH, CA
[72] PIKE, DION, CA
[71] ALCATEL CANADA INC., CA
[22] 2001-09-27
[43] 2003-03-27

[21] **2,358,038**
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04Q 9/00 7H04L 12/26**
[25] EN
[54] **SYSTEM AND METHOD FOR SELECTION OF REDUNDANT CONTROL PATH LINKS IN A MULTI-SHELF NETWORK ELEMENT**
[54] **SYSTEME ET METHODE DE SELECTION DE LIAISONS DE COMMANDE REDONDANTES DANS UN ELEMENT DE RESEAU MULTIOGEMENT**
[72] GOODMAN, KEVIN, CA
[72] BINETTE, JUDE, CA
[72] LABONTE, JEAN, CA
[72] SOETEMANS, JOSEPH, CA
[71] ALCATEL CANADA INC., CA
[22] 2001-09-27
[43] 2003-03-27

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March 23, 2003 - March 29, 2003

[21] **2,358,048**
[13] A1
[51] **Int.Cl. 7H04L 9/28**
[25] EN
[54] **A CRYPTOSYSTEM FOR DATA SECURITY**
[54] **SYSTEME DE CHIFFREMENT SERVANT A PROTEGER DES DONNEES**
[72] OOMMEN, JOHN B., CA
[72] RUEDA, LUIS, CA
[71] 3927296 CANADA INC., CA
[22] 2001-09-25
[43] 2003-03-25

[21] **2,358,084**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **CHARITY DONATION METHOD**
[54] **METHODE DE DON CARITATIF**
[72] HART, ALEX, CA
[72] MCNEE, CAROLYN, CA
[71] ALLIANCE PLEDGE MARKETING SYSTEMS LTD., CA
[22] 2001-09-28
[43] 2003-03-28

[21] **2,358,575**
[13] A1
[51] **Int.Cl. 7B01F 7/32 7B01F 3/12**
[25] EN
[54] **LOW SPEED PRECISION STIRRING/MIXING DEVICE**
[54] **MALAXEUR/MELANGEUR DE PRECISION BASSE VITESSE**
[72] QURESHI, SAEBED A., CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF HEALTH, CA
[22] 2001-09-26
[43] 2003-03-26

[21] **2,358,081**
[13] A1
[51] **Int.Cl. 7B62K 27/12**
[25] EN
[54] **BICYCLE TRAILER HITCH**
[54] **ATTELAGE DE REMORQUE DE BICYCLETTE**
[72] ASSAF, IMAD, CA
[72] BRITTON, DANIEL WILLIAM, CA
[71] 634182 ALBERTA LTD., CA
[22] 2001-09-28
[43] 2003-03-28

[21] **2,358,085**
[13] A1
[51] **Int.Cl. 7H04R 3/00 7H04R 3/14**
[25] EN
[54] **LOUDSPEAKER SYSTEM WITH CROSSOVER ELEMENT FOR DISTRIBUTING SIGNALS BETWEEN DRIVERS**
[54] **HAUT-PARLEURS A ELEMENT FILTRE PASSIF POUR LA DISTRIBUTION DE SIGNAUX ENTRE CIRCUITS D'ATTAQUE**
[72] HLIBOWICKI, STEFAN R., CA
[71] AUDIO PRODUCTS INTERNATIONAL CORP., CA
[22] 2001-09-28
[43] 2003-03-28

[21] **2,358,597**
[13] A1
[51] **Int.Cl. 7A01K 1/01 7A01K 1/015**
[25] EN
[54] **TOILET-FOR-CATS, URINE TRAY**
[54] **LITIERE**
[72] MORAWSKI, JANUSZ, CA
[71] MORAWSKI, JANUSZ, CA
[22] 2001-09-28
[43] 2003-03-28

[21] **2,358,083**
[13] A1
[51] **Int.Cl. 7H04Q 7/38 7H04M 3/36**
[25] EN
[54] **A METHOD FOR SESSION ACCOUNTING IN A WIRELESS DATA NETWORKS USING AUTHENTICATION, AUTHORIZATION AND ACCOUNTING (AAA) PROTOCOLS (SUCH AS IETF RADIUS OR DIAMETER) WHERE THERE IS NO SESSION HANDOFF COMMUNICATION BETWEEN THE NETWORK ELEMENTS**
[54] **METHODE DE COMPTABILISATION DES SEANCES DANS LES RESEAUX DE TRANSMISSION DE DONNEES SANS FIL QUI UTILISE DES PROTOCOLES D'AUTHENTIFICATION, D'AUTORISATION ET DE COMPTABILISATION (COMME LE RAYON OU LE DIAMETRE IETF) QUAND IL N'Y A PAS DE MESSAGES DE TRANSFERT ENTRE LES ELEMENTS DE RESEAU**
[72] JONES, MARK, CA
[72] LI, YONG, CA
[71] BRIDGEWATER SYSTEMS CORPORATION, CA
[22] 2001-09-28
[43] 2003-03-28

[21] **2,358,138**
[13] A1
[51] **Int.Cl. 7A47F 7/00 7G11B 33/02**
[25] EN
[54] **CD POSTER**
[54] **COFFRET DE RANGEMENT DE DISQUES COMPACTS**
[72] GATTO, RAYMOND, CA
[71] MANCINO, TONY, CA
[71] GATTO, RAYMOND, CA
[22] 2001-09-28
[43] 2003-03-28

[21] **2,358,666**
[13] A1
[51] **Int.Cl. 7A01D 34/73**
[25] EN
[54] **SINGLE PASS LAWNMOWER DE-THATCHING AND SWEEPING BLADE**
[54] **TONDEUSE A GAZON A LAME DECHAUMEUSE ET BALAYEUSE EN PASSE UNIQUE**
[72] SWIST, JASON, CA
[71] SWIST, JASON, CA
[22] 2001-09-26
[43] 2003-03-26

[21] **2,358,545**
[13] A1
[51] **Int.Cl. 7B67D 5/06**
[25] EN
[54] **GAS TRANSFER DEVICE**
[54] **DISPOSITIF POUR TRANSVASER DE L'ESSENCE**
[72] WARREN, COREY, CA
[71] WARREN, COREY, CA
[22] 2001-09-24
[43] 2003-03-24

[21] **2,358,823**
[13] A1
[51] **Int.Cl. 7A01M 29/00**
[25] EN
[54] **METHOD AND DEVICE FOR REPELLING ANIMALS**
[54] **METHODE ET DISPOSITIF POUR REPOUSSER LES ANIMAUX**
[72] GALL, BRIAN, CA
[71] GALL, BRIAN, CA
[22] 2001-09-26
[43] 2003-03-26

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23 mars 2003 - 29 mars 2003

[21] **2,358,833**
[13] A1

[51] **Int.Cl. 7B62K 21/12**
[25] EN
[54] **RISER CLAMPS FOR CLIPON HANDLEBARS**
[54] **BRIDES DE REGLAGE EN HAUTEUR DE GUIDON CLIPSABLE**
[72] KIELLAND, PETER JOHANN, CA
[71] KIELLAND, PETER JOHANN, CA
[22] 2001-09-24
[43] 2003-03-24

[21] **2,359,059**
[13] A1

[51] **Int.Cl. 7B63B 17/00**
[25] EN
[54] **ELECTRIC WAKEBOARD PLATFORM & GAS TRANSFER DEVICE**
[54] **PLATE-FORME ELECTRIQUE DE TRANSPORT DE PLANCHES NAUTIQUES ET DISPOSITIF DE TRANSVASEMENT D'ESSENCE**
[72] WARREN, COREY, CA
[71] WARREN, COREY, CA
[22] 2001-09-24
[43] 2003-03-24

[21] **2,359,093**
[13] A1

[51] **Int.Cl. 7H04M 1/663 7H04M 1/57**
[25] EN
[54] **PHONE CALL SCREENING (BLOCAGE D'APPEL NUMERIQUE)**
[54] **SYSTEME DE FILTRAGE D'APPELS TELEPHONIQUES**
[72] HELIE, YVAN, CA
[71] HELIE, YVAN, CA
[22] 2001-09-26
[43] 2003-03-26

[21] **2,359,126**
[13] A1

[51] **Int.Cl. 7G01F 1/78**
[25] EN
[54] **MASS FLOW METER**
[54] **DEBITMETRE MASSIQUE**
[72] TEPCZYNSKA, MIROSLAWA, CA
[72] TEPCZYNSKI, MACIEJ, CA
[71] TEPCZYNSKA, MIROSLAWA, CA
[71] TEPCZYNSKI, MACIEJ, CA
[22] 2001-09-26
[43] 2003-03-26

[21] **2,359,147**
[13] A1

[51] **Int.Cl. 7A63F 9/24 7G06F 19/00 7A63F 13/10**
[25] EN
[54] **GAMING DEVICE HAVING ACHIEVEMENT CRITERIA FOR ADVANCEMENT**
[54] **APPAREIL DE JEU A CRITERES DE REUSSITE POUR PROGRESSER**
[72] WEBB, BAYARD S., US
[72] BAERLOCHER, ANTHONY J., US
[72] CUDDY, RYAN W., US
[71] IGT, US
[22] 2001-10-15
[43] 2003-03-26
[30] US (09/964,022) 2001-09-26

[21] **2,359,170**
[13] A1

[51] **Int.Cl. 7A63F 9/24 7A63F 13/00 7G06F 19/00**
[25] EN
[54] **GAMING DEVICE HAVING AN IMPROVED OFFER/ACCEPTANCE BONUS SCHEME**
[54] **DISPOSITIF DE JEU A MODALITES AMELIOREES D'OFFRE/ ACCEPTATION DE JEUX- PRIME**
[72] WEBB, BAYARD S., US
[72] MEAD, RANDALL D., US
[72] BAERLOCHER, ANTHONY J., US
[71] IGT, US
[22] 2001-10-15
[43] 2003-03-28
[30] US (09/966,884) 2001-09-28

[21] **2,359,532**
[13] A1

[51] **Int.Cl. 7B63B 1/32**
[25] EN
[54] **MONOHULL WAVE PIERCING BOW**
[54] **ETRAVE MONOCOQUE CONCUE POUR MIEUX FENDRE LES VAGUES**
[72] VAN DIEPEN, PETER J., CA
[71] VAN DIEPEN, PETER J., CA
[22] 2001-09-27
[43] 2003-03-27

[21] **2,364,477**
[13] A1

[51] **Int.Cl. 7G11C 15/00**
[25] EN
[54] **CIRCUIT AND METHOD FOR PERFORMING VARIABLE WIDTH SEARCHES IN A CONTENT ADDRESSABLE MEMORY**
[54] **CIRCUIT ET METHODE DE RECHERCHE A LARGEUR VARIABLE POUR MEMOIRE AUTO-ASSOCIATIVE**
[72] GILLINGHAM, PETER B., CA
[71] MOSAID TECHNOLOGIES INCORPORATED, CA
[22] 2001-11-30
[43] 2003-03-28
[30] US (60/325,217) 2001-09-28

[21] **2,365,790**
[13] A1

[51] **Int.Cl. 7F24C 15/20 7B08B 15/02**
[25] EN
[54] **RANGE HOOD WITH GREASE COLLECTING MOTOR HOUSING**
[54] **HOTTE DE CUISINE A LOGEMENT DE MOTEUR COLLECTEUR DE GRAISSE**
[72] YEUNG, PETER, CA
[71] YEUNG, PETER, CA
[22] 2001-12-20
[43] 2003-03-24
[30] CN (01265669.0) 2001-09-24
[30] CN (01265670.4) 2001-09-24

[21] **2,366,414**
[13] A1

[51] **Int.Cl. 7C11C 3/04**
[25] EN
[54] **METHOD AND APPARATUS FOR PREPARING FATTY ACID ESTERS**
[54] **METHODE ET APPAREIL POUR PREPARER DES ESTERS D'ACIDES GRAS**
[72] SASAKI, TOSHIO, JP
[72] TAKAGI, KATSUYUKI, JP
[72] GOTO, FUMISATO, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[22] 2001-12-28
[43] 2003-03-28
[30] JP (2001-302900) 2001-09-28

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[21] **2,369,798**
[13] A1
[51] **Int.Cl. 7H04J 14/02 7H04B 10/20**
[25] EN
[54] **INTERLEAVER**
[54] **ENTRELACEUR**
[72] WAKO, SUGIO, JP
[72] YAMAGAKI, MIEKO, JP
[72] MATSUURA, HIROSHI, JP
[72] YOON, DAEOUL, JP
[71] THE FURUKAWA ELECTRIC CO.,
LTD., JP
[22] 2002-01-31
[43] 2003-03-25
[30] JP (2001-291074) 2001-09-25

[21] **2,372,945**
[13] A1
[51] **Int.Cl. 7B23B 51/00**
[25] EN
[54] **DIAMOND TOOL**
[54] **OUTIL A DIAMANT**
[72] YOON, SO YOUNG, KR
[72] KIM, JONG HO, KR
[72] KIM, SOO KWANG, US
[71] GENERAL TOOL, INC., US
[71] EHWA DIAMOND INDUSTRIAL CO.,
LTD., KR
[22] 2002-02-25
[43] 2003-03-28
[30] KR (2001-60680) 2001-09-28

[21] **2,375,732**
[13] A1
[51] **Int.Cl. 7E21B 23/00**
[25] EN
[54] **THRUST ENHANCEMENT DEVICE
FOR COILED TUBING INJECTORS**
[54] **DISPOSITIF D'AUGMENTATION
DE LA POUSSEE POUR INJECTEURS
SUR TUBES D'INTERVENTION
ENROULES**
[72] GIPSON, TOMMIE C., US
[71] COILED TUBING SOLUTIONS, INC.,
US
[22] 2002-03-07
[43] 2003-03-28
[30] US (09/966,444) 2001-09-28

[21] **2,370,585**
[13] A1
[51] **Int.Cl. 7E04B 5/00**
[25] EN
[54] **THE "X" BLOCK**
[54] **CROIX DE SAINT-ANDRE**
[72] PICKERING, JEREMY, CA
[72] HOFSTETTER, JAMES, CA
[71] PICKERING, JEREMY, CA
[71] HOFSTETTER, JAMES, CA
[22] 2002-02-06
[43] 2003-03-24

[21] **2,373,415**
[13] A1
[51] **Int.Cl. 7E21B 10/46**
[25] EN
[54] **GAGE TRIMMERS AND BIT
INCORPORATING THE SAME**
[54] **ALESOIR ET MECHE-ALESOIR**
[72] EYRE, RONALD K., US
[72] MIDDLEMISS, STEWART, US
[72] BELNAP, LYNN L., US
[71] SMITH INTERNATIONAL, INC., US
[22] 2002-02-27
[43] 2003-03-28
[30] US (09/966,149) 2001-09-28

[21] **2,376,815**
[13] A1
[51] **Int.Cl. 7B01F 7/32**
[25] EN
[54] **LOW SPEED PRECISION
STIRRING/MIXING DEVICE**
[54] **MALAXEUR/MELANGEUR DE
PRECISION A BASSE VITESSE**
[72] QURESHI, SAEED A., CA
[71] HER MAJESTY THE QUEEN IN
RIGHT OF CANADA, AS REPRESENTED
BY THE MINISTER OF HEALTH, CA
[22] 2002-03-15
[43] 2003-03-26
[30] CA (2,358,575) 2001-09-26

[21] **2,372,771**
[13] A1
[51] **Int.Cl. 7H01M 8/00 7H01M 8/04**
[25] EN
[54] **A FUEL CELL POWER
GENERATION EQUIPMENT AND A
DEVICE USING THE SAME**
[54] **BLOC DE PRODUCTION
D'ENERGIE A PILE A COMBUSTIBLE
ET DISPOSITIF ALIMENTE PAR CE
BLOC**
[72] KAMO, TOMOICHI, JP
[72] MORISHIMA, MAKOTO, JP
[72] OHARA, SHUICHI, JP
[71] HITACHI, LTD., JP
[22] 2002-02-21
[43] 2003-03-25
[30] JP (2001-291044) 2001-09-25

[21] **2,373,734**
[13] A1
[51] **Int.Cl. 7E21B 23/00**
[25] EN
[54] **DOWNHOLE ANTI-ROTATION
TOOL**
[54] **OUTIL ANTIROTATION DE FOND
DE TROU**
[72] DOYLE, JOHN P., CA
[72] TESSIER, LYNN P., CA
[72] WEBER, JAMES L., CA
[71] CONELLY FINANCIAL LTD., TC
[22] 2002-02-28
[43] 2003-03-26
[30] US (09/962,105) 2001-09-26

[21] **2,377,340**
[13] A1
[51] **Int.Cl. 7H01L 35/04 7H01S 5/024**
[25] EN
[54] **THERMOELECTRIC DEVICE AND
OPTICAL MODULE MADE WITH THE
DEVICE AND METHOD FOR
PRODUCING THEM**
[54] **DISPOSITIF
THERMOELECTRIQUE ET MODULE
OPTIQUE COMPORTANT CE
DISPOSITIF, ET METHODE DE
PRODUCTION CORRESPONDANTE**
[72] LI, JING-FENG, JP
[72] TANAKA, SHUJI, JP
[72] ESASHI, MASAYOSHI, JP
[72] TATOH, NOBUYOSHI, JP
[72] WATANABE, RYUZO, JP
[71] SUMITOMO ELECTRIC
INDUSTRIES, LTD., JP
[71] LI, JING-FENG, JP
[71] WATANABE, RYUZO, JP
[22] 2002-03-19
[43] 2003-03-25
[30] JP (2001-291222) 2001-09-25

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[21] **2,378,998**
[13] A1

[51] **Int.Cl. 7B65H 16/02**
[25] EN
[54] **ROLLED FABRIC CARRIAGE APPARATUS**
[54] **DEVIDOIR DE TISSU EN ROULEAU**
[72] ROMES, GARY E., US
[71] GUARDIAN FIBERGLASS, INC., US
[22] 2002-03-26
[43] 2003-03-27
[30] US (09/963,582) 2001-09-27

[21] **2,379,005**
[13] A1

[51] **Int.Cl. 7A61K 31/501 7A61P 25/04 7A61P 25/18**
[25] EN
[54] **LOW HYGROSCOPIC ARIPIRAZOLE DRUG SUBSTANCE AND PROCESSES FOR THE PREPARATION THEREOF**
[54] **FORME FAIBLEMENT HYGROSCOPIQUE D'ARIPIRAZOLE ET METHODES DE PREPARATION**
[72] AOKI, SATOSHI, JP
[72] KAWASAKI, JUNICHI, JP
[72] BANDO, TAKUJI, JP
[72] NISHIOKA, YOSHIHIRO, JP
[72] FUJIMOTO, KIYOSHI, JP
[72] TANIGUCHI, YOUICHI, JP
[72] YABUUCHI, TSUYOSHI, JP
[72] FUJIMURA, TSUTOMU, JP
[72] KOBAYASHI, NORIYUKI, JP
[72] ISHIGAMI, MAKOTO, JP
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP
[22] 2002-03-27
[43] 2003-03-25
[30] JP (2001-290645) 2001-09-25

[21] **2,379,744**
[13] A1

[51] **Int.Cl. 7C22C 1/00 7C22C 1/08**
[25] EN
[54] **INTERMETALLIC COMPOUND AND METHOD OF MANUFACTURING THE SAME**
[54] **COMPOSE INTERMETALLIQUE ET METHODE DE FABRICATION CORRESPONDANTE**
[72] INOUE, AKIHISA, JP
[72] HANADA, SHUJI, JP
[72] YOSHIMI, KYOSUKE, JP
[71] TOHOKU UNIVERSITY, JP
[22] 2002-03-28
[43] 2003-03-26
[30] JP (2001-293,653) 2001-09-26

[21] **2,381,876**
[13] A1

[51] **Int.Cl. 7A61F 9/04**
[25] EN
[54] **EYE MASK**
[54] **MASQUE OCULAIRE**
[72] HASEGAWA, TOKUICHIRO, JP
[71] HASEGAWA, TOKUICHIRO, JP
[22] 2002-04-17
[43] 2003-03-26
[30] JP (2001-293379) 2001-09-26

[21] **2,382,249**
[13] A1

[51] **Int.Cl. 7C12N 1/00 7C12Q 1/00 7C12Q 1/02**
[25] EN
[54] **MICROORGANISMS FOR USE IN THE MEASUREMENT OF ENVIRONMENTAL FACTORS**
[54] **MICROORGANISMES SERVANT ~ MESURER LES FACTEURS ENVIRONNEMENTAUX**
[72] TAKEI, KENTARO, JP
[72] SAKAKIBARA, HITOSHI, JP
[71] RIKEN, JP
[22] 2002-04-18
[43] 2003-03-25
[30] JP (2001-291059) 2001-09-25

[21] **2,382,253**
[13] A1

[51] **Int.Cl. 7G02B 27/18 7G09F 19/18**
[25] EN
[54] **IMAGE PROJECTION SYSTEM AND ITS METHOD OF USE**
[54] **SYSTEME DE PROJECTION D'IMAGES ET METHODE D'UTILISATION DE CE SYSTEME**
[72] MARTIN, TRENT, CA
[72] STELMAN, WARREN, CA
[72] SAFRAN, ALLAN, CA
[71] DIGITAL ADVERTISING NETWORK INC., CA
[22] 2002-04-18
[43] 2003-03-26
[30] CA (2,357,910) 2001-09-26

[21] **2,382,935**
[13] A1

[51] **Int.Cl. 7E05C 3/04**
[25] EN
[54] **SASH LOCK FOR A SASH WINDOW**
[54] **VERROU POUR FENETRE A GUILLOTINE**
[72] PETTIT, DEAN, US
[72] MURPHY, MARK V., US
[71] ASHLAND PRODUCTS, INC., US
[22] 2002-04-22
[43] 2003-03-24
[30] US (09/961,501) 2001-09-24

[21] **2,383,808**
[13] A1

[51] **Int.Cl. 7H01M 2/16**
[25] EN
[54] **STEEL FOR SEPARATORS OF SOLID-OXIDE TYPE FUEL CELLS**
[54] **ACIER POUR LA FABRICATION DE SEPARATEURS DE PILES A COMBUSTIBLE A OXYDE SOLIDE**
[72] TOJI, AKIHIRO, JP
[72] UEHARA, TOSHIHIRO, JP
[72] OHNO, TAKEHIRO, JP
[71] HITACHI METALS, LTD., JP
[22] 2002-04-26
[43] 2003-03-27
[30] JP (2001-296528) 2001-09-27

[21] **2,386,026**
[13] A1

[51] **Int.Cl. 7E21B 23/01**
[25] EN
[54] **IMPROVED ANTI-ROTATION TOOL**
[54] **OUTIL ANTI-ROTATION AMELIORE**
[72] DOYLE, JOHN P., CA
[72] WEBER, JAMES L., CA
[72] TESSIER, LYNN P., CA
[71] CONELLY FINANCIAL LTD., TC
[22] 2002-05-13
[43] 2003-03-26
[30] US (09/962,105) 2001-09-26

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[21] **2,386,274**
[13] A1

[51] **Int.Cl. 7F42B 12/48**
[25] EN
[54] **DEVICE WITH COMBUSTIBLE CHARGE WITH SMOKE-GENERATING, TEAR-GENERATING OR SIGNALING EFFECTS**
[54] **DISPOSITIF A CHARGE COMBUSTIBLE FUMIGENE, LACRYMOGENE OU DE SIGNALISATION**
[72] BARDISA SANTACREU, JUAN, ES
[71] FALKEN S.A., ES
[22] 2002-05-13
[43] 2003-03-25
[30] ES (200102151) 2001-09-25
[30] ES (200200682) 2002-03-22

[21] **2,388,629**
[13] A1

[51] **Int.Cl. 7F16D 65/00 7H01F 3/00 7H01F 7/06 7B60T 13/74**
[25] EN
[54] **MAGNETIC BRAKE ASSEMBLY**
[54] **FREIN MAGNETIQUE**
[72] RICHESON, WILLIAM E., US
[71] TEKONSHA ENGINEERING COMPANY, US
[22] 2002-05-31
[43] 2003-03-26
[30] US (09/964,086) 2001-09-26

[21] **2,390,215**
[13] A1

[51] **Int.Cl. 7A61K 38/16 7A23J 1/00 7C12N 1/00 7A61K 35/72 7A61K 35/74**
[25] EN
[54] **PHASEOLAMIN COMPOSITIONS AND METHODS FOR USING THE SAME**
[54] **COMPOSITIONS A BASE DE PHASEOLAMINE ET MODES D'UTILISATION**
[72] CHOKSHI, DILIP, US
[71] PHARMACHEM LABORATORIES, INC., US
[22] 2002-07-02
[43] 2003-03-25
[30] US (09/962,917) 2001-09-25

[21] **2,390,444**
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04L 12/16 7H04L 12/26**
[25] EN
[54] **METHOD AND APPARATUS FOR SECURE DISTRIBUTED MANAGED NETWORK INFORMATION SERVICES WITH REDUNDANCY**
[54] **METHODE ET APPAREIL A REDONDANCE SERVANT A FOURNIR DES SERVICES D'INFORMATION PROTEGES DANS UN RESEAU REPARTI**
[72] SIBBITT, CHRIS, CA
[72] KELLAND, MICHAEL, CA
[72] PEKARY, DAVE, CA
[72] VARDANYAN, ARTHUR, CA
[72] ROSS, RONALD, CA
[71] JETNET INTERNETWORKING SERVICES, CA
[22] 2002-06-12
[43] 2003-03-26
[30] US (60/324,529) 2001-09-26
[30] US (10/145,793) 2002-05-16

[21] **2,392,263**
[13] A1

[51] **Int.Cl. 7H01J 61/10**
[25] EN
[54] **ELECTRODE SHIELD FOR FLUORESCENT LAMP**
[54] **BLINDAGE D'ELECTRODE POUR LAMPE FLUORESCENTE**
[72] CLEARY, LOUISE, US
[72] LIMA, JOSEPH V., US
[71] OSRAM SYLVANIA INC., US
[22] 2002-07-03
[43] 2003-03-24
[30] US (09/961,467) 2001-09-24

[21] **2,392,412**
[13] A1

[51] **Int.Cl. 7A63B 22/08**
[25] EN
[54] **STATIONARY BIKE**
[54] **BICYCLETTE STATIONNAIRE**
[72] DANOWSKI, THOMAS, US
[72] SMITH, THOMAS, US
[72] DESILVIA, THOMAS, US
[72] RYAN, ALLEN L., US
[71] BRUNSWICK CORPORATION, US
[22] 2002-07-04
[43] 2003-03-26
[30] US (09/963970) 2001-09-26

[21] **2,394,383**
[13] A1

[51] **Int.Cl. 7F41B 5/20**
[25] EN
[54] **TRAVELING BOWSTRING VIBRATION DAMPENER**
[54] **AMORTISSEUR MOBILE DE VIBRATION DE CORDE D'ARC**
[72] GALLOPS, HENRY M., JR., US
[71] BEAR ARCHERY LLC, US
[22] 2002-07-22
[43] 2003-03-26
[30] US (09/963,293) 2001-09-26

[21] **2,394,447**
[13] A1

[51] **Int.Cl. 7E01H 4/00**
[25] EN
[54] **SNOWTRAIL GROOMING ACCESSORY AND METHOD**
[54] **ACCESSOIRE ET METHODE DE PREPARATION DE PISTES DE SKI DE FOND**
[72] LELA, GARY J., US
[71] LELA, GARY J., US
[22] 2002-07-22
[43] 2003-03-25
[30] US (09/963,052) 2001-09-25

[21] **2,394,920**
[13] A1

[51] **Int.Cl. 7F16K 31/18**
[25] EN
[54] **A BALL TAP WITH A WATER LEVEL SWITCH**
[54] **CLAPET A BILLE ET INTERRUPTEUR A FLOTTEUR**
[72] MIZUNO, HIROYUKI, JP
[72] KATO, NOBUHIDE, JP
[71] YOSHITAKE INC., JP
[22] 2002-07-24
[43] 2003-03-27
[30] JP (2001-296167) 2001-09-27

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[21] **2,394,989**
[13] A1

[51] **Int.Cl. 7C09K 11/02 7B05D 5/00 7C09K 11/55**
[25] EN
[54] **PROTECTIVE SPINEL COATING FOR ALUMINATE PHOSPHORS**
[54] **REVETEMENT PROTECTEUR A BASE DE SPINELLES POUR COMPOSES FLUORESCENTS A ALUMINATE**
[72] RAUKAS, MADIS, US
[72] REILLY, THOMAS H., III, US
[72] MISHRA, KAILASH C., US
[71] OSRAM SYLVANIA INC., US
[22] 2002-07-25
[43] 2003-03-26
[30] US (09/964,053) 2001-09-26

[21] **2,394,999**
[13] A1

[51] **Int.Cl. 7H01J 61/04 7H01J 5/46**
[25] EN
[54] **FLUORESCENT LAMP WITH REDUCED SPUTTERING**
[54] **LAMPE FLUORESCENTE A REVETEMENT PAR PULVERISATION REDUIT**
[72] GARNER, RICHARD C., US
[71] OSRAM SYLVANIA INC., US
[22] 2002-07-25
[43] 2003-03-24
[30] US (09/961,473) 2001-09-24

[21] **2,395,000**
[13] A1

[51] **Int.Cl. 7H01J 65/04 7H01J 61/28 7H01J 61/52**
[25] EN
[54] **AMALGAM RETAINER**
[54] **DISPOSITIF DE RETENUE D'AMALGAME**
[72] PEARSON, NICOLAS, CA
[72] LIMA, JOSEPH V., US
[72] WENTZEL, DAVID C., US
[71] OSRAM SYLVANIA INC., US
[22] 2002-07-25
[43] 2003-03-25
[30] US (09/963,044) 2001-09-25

[21] **2,395,024**
[13] A1

[51] **Int.Cl. 7H01J 61/02 7H01J 61/54**
[25] EN
[54] **UV ENHANCER FOR A METAL HALIDE LAMP**
[54] **ACTIVATEUR DE RAYONNEMENT UV POUR LAMPE AUX HALOGENURES**
[72] LAPATOVICH, WALTER P., US
[72] BUDINGER, A. BOWMAN, US
[71] OSRAM SYLVANIA INC., US
[22] 2002-07-25
[43] 2003-03-24
[30] US (09/961,577) 2001-09-24

[21] **2,395,148**
[13] A1

[51] **Int.Cl. 7G02B 6/255**
[25] EN
[54] **METHOD AND APPARATUS FOR HEATING FUSION SPLICED PORTION OF OPTICAL FIBERS AND OPTICAL FIBER ARRAY**
[54] **METHODE ET APPAREIL DE CHAUFFAGE DU BOUT EPISSÉ PAR FUSION D'UNE FIBRE OPTIQUE ET GROUPEMENT DE FIBRES OPTIQUES**
[72] TAMURA, MITSUAKI, JP
[72] YAMADA, EIICHIRO, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[22] 2002-07-25
[43] 2003-03-25
[30] JP (2001-290845) 2001-09-25

[21] **2,395,157**
[13] A1

[51] **Int.Cl. 7H01J 65/00**
[25] EN
[54] **HIGH INTENSITY DISCHARGE LAMP WITH ONLY ONE ELECTRODE**
[54] **LAMPE A DECHARGE HAUTE INTENSITE A UNE SEULE ELECTRODE**
[72] LAPATOVICH, WALTER P., US
[71] OSRAM SYLVANIA INC., US
[22] 2002-07-25
[43] 2003-03-24
[30] US (09/961,575) 2001-09-24

[21] **2,396,309**
[13] A1

[51] **Int.Cl. 7F16B 15/08 7B25C 1/04**
[25] EN
[54] **PNEUMATIC NAILER COILED COLLATION STRIP**
[54] **BANDE DE GROUPEMENT BOBINEE POUR CLOUEUSE PNEUMATIQUE**
[72] GABRIEL, WILLIAM L., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2002-07-29
[43] 2003-03-24
[30] US (09/961,643) 2001-09-24

[21] **2,396,321**
[13] A1

[51] **Int.Cl. 7A01D 41/127**
[25] EN
[54] **HARVESTER FEEDRATE CONTROL WITH TILT COMPENSATION**
[54] **COMMANDE DE VITESSE D'AVANCE DE MOISSONNEUSE ASSERVIE A L'ANGLE D'INCLINAISON**
[72] COOPER, WILLIAM F., US
[72] BURKE, DANIEL JAMES, US
[72] COERS, BRUCE ALAN, US
[72] LITTKE, JERRY DEAN, US
[72] MERTINS, KARL-HEINZ O., US
[71] DEERE & COMPANY, US
[22] 2002-07-29
[43] 2003-03-27
[30] US (09/967,654) 2001-09-27

[21] **2,396,623**
[13] A1

[51] **Int.Cl. 7H01J 61/56 7H01J 61/34**
[25] EN
[54] **ELECTRIC LAMP WITH LIGHT SOURCE EXTINGUISHING ARRANGEMENT AND METHOD OF OPERATING SAME**
[54] **LAMPE ELECTRIQUE A DISPOSITIF D'EXTINCTION DE LA SOURCE LUMINEUSE ET METHODE D'UTILISATION**
[72] KLING, MICHAEL R., US
[71] OSRAM SYLVANIA INC., US
[22] 2002-08-01
[43] 2003-03-26
[30] US (09/963,701) 2001-09-26

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[21] 2,396,641
[13] A1

[51] Int.Cl. 7H01R 33/00 7H01J 61/02
[25] EN
[54] SUPPORT FOR A LAMP CAPSULE, AND END-OF-LIFE DEVICE, LAMP INCLUDING SUCH CAPSULE, AND METHOD OF COUPLING LAMP CAPSULE AND END-OF-LIFE DEVICE TO SUCH SUPPORT
[54] SUPPORT DE CAPSULE DE LAMPE, DISPOSITIF DE FIN DE VIE, LAMPE COMPORTANT UNE TELLE CAPSULE ET METHODE D'ASSEMBLAGE DE LA CAPSULE ET DU DISPOSITIF DE FIN DE VIE AU SUPPORT EN QUESTION

[72] KLING, MICHAEL R., US
[71] OSRAM SYLVANIA INC., US
[22] 2002-08-01
[43] 2003-03-26
[30] US (09/963,987) 2001-09-26

[21] 2,396,669
[13] A1

[51] Int.Cl. 7H01J 9/50 7H01J 9/24 7H01J 9/52
[25] EN
[54] METHOD OF REMOVING CONTAMINANTS FROM A DOUBLE-ENDED ARC DISCHARGE TUBE
[54] METHODE D'ELIMINATION DES CONTAMINANTS D'UN TUBE A DECHARGE A ARC A CONNECTEURS A CHAQUE BOUT

[72] DAVEY, ERNEST A., JR., US
[71] OSRAM SYLVANIA INC., US
[22] 2002-08-02
[43] 2003-03-26
[30] US (09/963,762) 2001-09-26

[21] 2,396,801
[13] A1

[51] Int.Cl. 7H01J 61/30 7H01J 9/24
[25] EN
[54] QUARTZ ARC TUBE FOR A METAL HALIDE LAMP AND METHOD OF MAKING SAME

[54] TUBE A ARC A QUARTZ POUR LAMPE AUX HALOGENURES ET METHODE DE FABRICATION
[72] ZASLAVSKY, GREGORY, US
[72] KRASKO, ZEYA, US
[72] GALVEZ, MIGUEL, US
[72] KOENIGSBERG, WILLIAM D., US
[72] LIMA, JOSEPH V., US
[71] OSRAM SYLVANIA INC., US
[22] 2002-08-02
[43] 2003-03-26
[30] US (09/963,760) 2001-09-26

[21] 2,396,813
[13] A1

[51] Int.Cl. 7H05B 33/00 7B60Q 1/00
[25] EN
[54] REPLACEABLE LED LAMP CAPSULE
[54] CAPSULE REMPLACABLE DE LAMPE A DEL
[72] HUANG, KUN, US
[72] ENGLISH, GEORGE J., US
[72] GARRISON, ROBERT L., US
[71] OSRAM SYLVANIA INC., US
[22] 2002-08-02
[43] 2003-03-28
[30] US (09/966,140) 2001-09-28

[21] 2,397,515
[13] A1

[51] Int.Cl. 7C25B 11/04 7H05H 1/34
[25] EN
[54] ELECTRODE COMPONENT THERMAL BONDING
[54] ASSEMBLAGE D'ELECTRODE PAR SOUDAGE THERMIQUE
[72] MCBENNETT, MICHAEL C., US
[72] DIEHL, GREGORY W., US
[71] THE ESAB GROUP, INC., US
[22] 2002-08-12
[43] 2003-03-26
[30] US (09/964,072) 2001-09-26

[21] 2,397,854
[13] A1

[51] Int.Cl. 7B62B 9/00
[25] EN
[54] SEAT DEVICE FOR A STROLLER
[54] SIEGE POUR POUSSETTE
[72] LAN, RED, TW
[71] LAN, RED, TW
[22] 2002-08-13
[43] 2003-03-25
[30] GB (0123005.1) 2001-09-25

[21] 2,397,855
[13] A1

[51] Int.Cl. 7B62B 7/08
[25] EN
[54] FOLDABLE STROLLER
[54] POUSSETTE REPLIABLE
[72] LAN, RED, TW
[71] LAN, RED, TW
[22] 2002-08-13
[43] 2003-03-27
[30] GB (0123345.1) 2001-09-27

[21] 2,397,856
[13] A1

[51] Int.Cl. 7B62B 9/08
[25] EN
[54] STROLLER WITH SPRING-BIASED BRAKE PINS
[54] POUSSETTE A CHEVILLES DE FREINAGE A RESSORT
[72] LAN, RED, TW
[71] LAN, RED, TW
[22] 2002-08-13
[43] 2003-03-27
[30] GB (0123348.5) 2001-09-27

[21] 2,398,030
[13] A1

[51] Int.Cl. 7A61K 38/22 7A61K 48/00
[25] EN
[54] THERAPEUTIC AGENTS FOR ACHONDROPLASIA
[54] AGENTS THERAPEUTIQUES CONTRE L'ACHONDROPLASIE
[72] NAKAO, KAZUWA, JP
[71] NAKAO, KAZUWA, JP
[22] 2002-08-14
[43] 2003-03-28
[30] JP (301586/2001) 2001-09-28
[30] JP (310322/2001) 2001-10-05

[21] 2,398,141
[13] A1

[51] Int.Cl. 7B62B 7/04 7B62B 9/18
[25] EN
[54] STROLLER WITH SHOCK ABSORBING UNITS
[54] POUSSETTE A AMORTISSEURS DE CHOCS
[72] LAN, RED, TW
[71] LAN, RED, TW
[22] 2002-08-13
[43] 2003-03-27
[30] GB (0123347.7) 2001-09-27

[21] 2,398,209
[13] A1

[51] Int.Cl. 7G07F 17/34
[25] EN
[54] VIDEO SLOT GAMING MACHINE
[54] MACHINE A SOUS VIDEO
[72] SUDA, SATOSHI, JP
[71] KONAMI GAMING, INC., US
[22] 2002-08-20
[43] 2003-03-28
[30] US (09/966,011) 2001-09-28

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[21] **2,398,450**
[13] A1

[51] **Int.Cl. 7A61M 5/32**
[25] EN
[54] **NEEDLE ASSEMBLY**
[54] **MONTAGE D'AIGUILLE**
[72] NEWBY, C. MARK, US
[72] BARKELL, PAUL, GB
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2002-08-16
[43] 2003-03-27
[30] US (09/965,411) 2001-09-27

[21] **2,398,869**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04N 7/18 7G07F 17/32 7G06F 17/40**
[25] EN
[54] **ENTERTAINMENT MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE GESTION/CONTROLE DE JEUX DE HASARD**
[72] HUBER, DOUG, US
[72] GEORGE, JEFF, US
[72] MILLER, WAYNE, US
[72] GUIBORD, MARK, US
[72] PERRY, ROBERT, US
[72] POCHIN, JOHN PAUL, US
[72] BRITT, TIM, US
[71] KONAMI GAMING, INC., US
[22] 2002-08-19
[43] 2003-03-28
[30] US (09/967,571) 2001-09-28

[21] **2,398,902**
[13] A1

[51] **Int.Cl. 7B08B 3/04 7A47L 11/34**
[25] EN
[54] **STEAM CLEANING APPLIANCE**
[54] **APPAREIL DE NETTOYAGE A LA VAPEUR**
[72] FANCIULLACCI, PAOLO, IT
[72] ROSA, CARLO, IT
[71] ARIETE S.P.A., IT
[22] 2002-08-20
[43] 2003-03-26
[30] IT (GE2001 A 000074) 2001-09-26

[21] **2,399,188**
[13] A1

[51] **Int.Cl. 7B65D 33/34 7B29C 65/02 7B65D 33/25**
[25] EN
[54] **TAMPER EVIDENT RECLOSABLE PACKAGE**
[54] **CONDITIONNEMENT REFERMABLE A DISPOSITIF D'INVOLABILITE**
[72] SCHNEIDER, JOHN H., US
[72] CREVIER, DONALD L., US
[72] NOREK, PATRICIA I., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2002-08-21
[43] 2003-03-25
[30] US (09/963,138) 2001-09-25

[21] **2,399,197**
[13] A1

[51] **Int.Cl. 7H01L 21/3065 7G03F 7/36**
[25] EN
[54] **PIN PLATE FOR USE IN ARRAY PRINTING AND METHOD FOR MAKING THE PIN PLATE**
[54] **MATRICE POUR IMPRIMANTE A GROUPES MULTIPLES DE GICLEURS D'ENCRE ET METHODE DE FABRICATION CORRESPONDANTE**
[72] SHARE, CHRISTINE MARIE, US
[72] CUSTER, MARTHA BLANCHE, US
[72] BRADY, MICHAEL DONOVAN, US
[72] GUERMEUR, CELINE CLAUDE, FR
[72] PETERSON, RICHARD CURWOOD, US
[71] CORNING INCORPORATED, US
[22] 2002-08-21
[43] 2003-03-24
[30] US (09/962,831) 2001-09-24

[21] **2,399,348**
[13] A1

[51] **Int.Cl. 7B60Q 1/04 7H05B 33/00 7F21V 7/04**
[25] EN
[54] **REPLACEABLE LED BULB WITH INTERCHANGEABLE LENS OPTIC**
[54] **AMPOULE DE LAMPE A DEL REMPLACABLE A LENTILLE INTERCHANGEABLE**
[72] COUSHAIN, CHARLES M., US
[71] OSRAM SYLVANIA INC., US
[22] 2002-08-22
[43] 2003-03-28
[30] US (09/966,045) 2001-09-28

[21] **2,399,481**
[13] A1

[51] **Int.Cl. 7C09K 11/02**
[25] EN
[54] **METHOD OF COATING PARTICLES BY VAPOR DEPOSITION**
[54] **METHODE D'ENDUCTION DE PARTICULES PAR DEPOT EN PHASE VAPEUR**
[72] KAZAZIS, CHRISTOFOROS, US
[72] CARRIL, DANIEL, US
[72] KLINEDINST, KEITH A., US
[71] OSRAM SYLVANIA INC., US
[22] 2002-08-22
[43] 2003-03-27
[30] US (09/965,497) 2001-09-27

[21] **2,399,527**
[13] A1

[51] **Int.Cl. 7E21B 49/08**
[25] EN
[54] **METHOD FOR DETERMINING FORMATION CHARACTERISTICS IN A PERFORATED WELLBORE**
[54] **METHODE DE DETECTION DES CARACTERISTIQUES D'UNE FORMATION A PARTIR D'UN FORAGE PERFORE**
[72] BURGESS, KEITH, US
[72] HEGEMAN, PETER S., US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2002-08-22
[43] 2003-03-25
[30] US (09/962,632) 2001-09-25

[21] **2,399,569**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07H 21/04 7C07K 14/47 7G01N 33/574 7C12Q 1/68**
[25] EN
[54] **DIAGNOSTIC MARKERS AND DRUG TARGETS FOR TREATMENT OF CANCER**
[54] **MARQUEURS DIAGNOSTIQUES ET CIBLES THERAPEUTIQUES POUR LE TRAITEMENT DU CANCER**
[72] NAKAMURA, YUSUKE, JP
[72] FURUKAWA, YOICHI, JP
[71] YOICHI FURUKAWA, JP
[71] YUSUKE NAKAMURA, JP
[22] 2002-08-23
[43] 2003-03-25
[30] US (60/324,261) 2001-09-25

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[21] **2,399,707**
[13] A1

[51] **Int.Cl. 7B26B 29/02**
[25] EN
[54] **PORTABLE KNIFE SHEATH AND METHOD OF USING THE SAME**
[54] **ETUI DE COUTEAU PORTATIF ET METHODE D'EMPLOI**
[72] COHEN, GREGG A., US
[71] COHEN, GREGG A., US
[22] 2002-08-23
[43] 2003-03-27
[30] US (09/963,406) 2001-09-27

[21] **2,399,747**
[13] A1

[51] **Int.Cl. 7H05B 41/28 7H02H 7/122**
[25] EN
[54] **BALLAST WITH PROTECTION CIRCUIT FOR PREVENTING INVERTER STARTUP DURING AN OUTPUT GROUND-FAULT CONDITION**
[54] **BALLAST A CIRCUIT DE PROTECTION DESTINE A PREVENIR LE DEMARRAGE DE L'INVERSEUR EN SITUATION DE DEFAUT A LA TERRE**
[72] PRASAD, HIMAMSHU V., US
[72] SODHI, SAMEER, US
[72] KONOPKA, JOHN G., US
[71] OSRAM SYLVANIA INC., US
[22] 2002-08-27
[43] 2003-03-28
[30] US (09/967,192) 2001-09-28

[21] **2,399,777**
[13] A1

[51] **Int.Cl. 7H05B 37/02 7H05B 41/38**
[25] EN
[54] **DIMMING CONTROL SYSTEM FOR ELECTRONIC BALLASTS**
[54] **GRADATEUR POUR BALLASTS ELECTRONIQUES**
[72] KONOPKA, JOHN G., US
[72] SODHI, SAMEER, US
[71] OSRAM SYLVANIA INC., US
[22] 2002-08-27
[43] 2003-03-28
[30] US (09/966,911) 2001-09-28

[21] **2,399,778**
[13] A1

[51] **Int.Cl. 7H05B 41/14 7H05B 41/36**
[25] EN
[54] **METHOD AND CIRCUIT FOR REGULATING POWER IN A HIGH PRESSURE DISCHARGE LAMP**
[54] **METHODE ET CIRCUIT DE REGULATION DE PUISSANCE DANS UNE LAMPE A DECHARGE HAUTE PRESSION**
[72] PRASAD, HIMAMSHU V., US
[71] OSRAM SYLVANIA INC., US
[22] 2002-08-27
[43] 2003-03-28
[30] US (09/967,104) 2001-09-28

[21] **2,399,896**
[13] A1

[51] **Int.Cl. 7H05B 41/14 7H05B 41/36**
[25] EN
[54] **METHOD AND CIRCUIT FOR CONTROLLING CURRENT IN A HIGH PRESSURE DISCHARGE LAMP**
[54] **METHODE ET CIRCUIT DE REGULATION DU COURANT DANS UNE LAMPE A DECHARGE HAUTE PRESSION**
[72] KONOPKA, JOHN G., US
[72] MOSKOWITZ, WARREN, US
[72] KANG, YOUNG G., US
[72] PRASAD, HIMAMSHU, US
[71] OSRAM SYLVANIA INC., US
[22] 2002-08-27
[43] 2003-03-28
[30] US (09/967,191) 2001-09-28

[21] **2,399,926**
[13] A1

[51] **Int.Cl. 7H05K 7/10 7G07F 17/32**
[25] EN
[54] **REMOVABLE POWER SUPPLY MODULE AND KIT FOR A GAMING MACHINE**
[54] **MODULE D'ALIMENTATION AMOVIBLE ET NECESSAIRE DE MONTAGE POUR MACHINE DE JEU**
[72] WORONES, JEFFREY E., US
[72] BURNSIDE, JOHN W., US
[71] KONAMI GAMING, INC., US
[22] 2002-08-28
[43] 2003-03-28
[30] US (09/967,516) 2001-09-28

[21] **2,399,932**
[13] A1

[51] **Int.Cl. 7G07F 17/32 7G07D 1/02**
[25] EN
[54] **IMPROVED GAMING DEVICE HAVING A REMOVABLE COIN TRAY**
[54] **APPAREIL DE JEU AMELIORE A BAC A MONNAIE AMOVIBLE**
[72] PARHAM, MICHAEL O., US
[71] KONAMI GAMING, INC., US
[22] 2002-08-28
[43] 2003-03-28
[30] US (09/967,519) 2001-09-28

[21] **2,400,129**
[13] A1

[51] **Int.Cl. 7E05F 15/00**
[25] EN
[54] **METHOD AND DEVICE FOR SETTING CUSTOM DOOR TRAVEL LIMITS ON A MOTORIZED GARAGE DOOR OPERATOR**
[54] **METHODE ET DISPOSITIF DE REGLAGE DES BUTEES DE FIN DE COURSE D'OUVRE-PORTE DE GARAGE**
[72] DAVIES, DAVID B., US
[72] MULLET, WILLIS J., US
[71] WAYNE-DALTON CORP., US
[22] 2002-08-28
[43] 2003-03-28
[30] US (09/966,886) 2001-09-28

[21] **2,400,271**
[13] A1

[51] **Int.Cl. 7B01J 8/02 7B01J 19/32**
[25] EN
[54] **GRANULAR BED RESTRAINT SYSTEM**
[54] **SYSTEME DE RETENUE DE LIT GRANULAIRE**
[72] KLEINBERG, WILLIAM THOMAS, US
[72] LEE, SANG KOOK, US
[71] AIR PRODUCTS AND CHEMICAL, INC., US
[22] 2002-09-19
[43] 2003-03-26
[30] US (09/963,203) 2001-09-26

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[21] **2,400,581**
[13] A1

[51] **Int.Cl. 7G01V 1/44**
[25] EN
[54] **DIRECTIONAL ELECTROMAGNETIC MEASUREMENTS INSENSITIVE TO DIP AND ANISOTROPY**
[54] **SYSTEME DIRECTIONNEL INSENSIBLE A L'INCLINAISON ET A L'ANISOTROPIE POUR LES MESURES ELECTROMAGNETIQUES**
[72] ROSTHAL, RICHARD A., US
[72] MINERBO, GERALD N., US
[72] OMERAGIC, DZEVAT, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2002-08-29
[43] 2003-03-26
[30] US (60/325,272) 2001-09-26
[30] US (60/325,273) 2001-09-26
[30] US (10/113,132) 2002-03-29

[21] **2,401,296**
[13] A1

[51] **Int.Cl. 7C11C 5/00 7F21V 35/00 7F23D 3/16**
[25] EN
[54] **FLAME-RESISTANT SHEET WITH CANDLE WICK SUPPORT**
[54] **REVETEMENT LAMELLAIRE ININFLAMMABLE AVEC SUPPORT DE MECHE DE CHANDELLE**
[72] PAPPAS, GEORGE G., US
[71] LUMI-LITE CANDLE COMPANY, INC., US
[22] 2002-09-04
[43] 2003-03-28
[30] US (09/966,413) 2001-09-28

[21] **2,401,476**
[13] A1

[51] **Int.Cl. 7C11C 5/00 7F21V 35/00 7F23D 3/16**
[25] EN
[54] **ASSEMBLING CANDLE WICK IN SUSTAINER**
[54] **METHODE DE MONTAGE DE LA MECHE DANS LE PORTE-MECHE**
[72] PAPPAS, GEORGE G., US
[71] LUMI-LITE CANDLE COMPANY, INC., US
[22] 2002-09-04
[43] 2003-03-28
[30] US (09/966248) 2001-09-28

[21] **2,401,483**
[13] A1

[51] **Int.Cl. 7B24D 17/00**
[25] EN
[54] **ELECTROSTATIC DEPOSITION PROCESS**
[54] **PROCEDE DE DEPOT ELECTROSTATIQUE**
[72] PETIGNY, SYLVAIN, US
[72] SWEL, GWO SHIN, US
[71] SAINT-GOBAIN ABRASIVES INC., US
[22] 2002-09-04
[43] 2003-03-26
[30] US (09/963,810) 2001-09-26

[21] **2,401,636**
[13] A1

[51] **Int.Cl. 7F04B 39/00 7F04D 29/00**
[25] EN
[54] **SHAFT AXIAL COMPLIANCE MECHANISM**
[54] **MECANISME DE POSITIONNEMENT DYNAMIQUE AXIAL D'ARBRE**
[72] SKINNER, ROBIN G., US
[72] HALLER, DAVID K., US
[71] TECUMSEH PRODUCTS COMPANY, US
[22] 2002-09-06
[43] 2003-03-26
[30] US (09/964,241) 2001-09-26

[21] **2,401,641**
[13] A1

[51] **Int.Cl. 7F16B 37/00**
[25] EN
[54] **THREADED FASTENER NUT WITH ANTI-CROSS THREADING RADIUSED FEATURES**
[54] **ECROU DE FIXATION A FILETAGE ANTI-VISSAGE DE TRAVERS**
[72] NILSEN, MARTIN J., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2002-09-06
[43] 2003-03-28
[30] US (09/967,159) 2001-09-28

[21] **2,401,935**
[13] A1

[51] **Int.Cl. 7G01D 11/00 7A61B 18/00 7A61B 19/00**
[25] EN
[54] **FIBEROPTIC PROBE TIP**
[54] **EMBOUT DE SONDE A FIBRES OPTIQUES**
[72] HICKINGBOTHAM, DYSON W., CH
[71] ALCON, INC., CH
[22] 2002-09-09
[43] 2003-03-25
[30] US (09/962,642) 2001-09-25

[21] **2,402,102**
[13] A1

[51] **Int.Cl. 7F01M 11/04**
[25] EN
[54] **DETACHABLE OIL DRAIN ASSEMBLY**
[54] **DISPOSITIF DE VIDANGE D'HUILE AMOVIBLE**
[72] BRAUN, JEFFREY ROBERT, US
[71] DEERE & COMPANY, US
[22] 2002-09-10
[43] 2003-03-26
[30] US (09/964,710) 2001-09-26

[21] **2,402,461**
[13] A1

[51] **Int.Cl. 7G05G 9/00 7G05G 5/02 7G05G 1/24 7A01D 34/67 7A01D 34/82**
[25] EN
[54] **WALK-BEHIND SELF-PROPELLED POWER EQUIPMENT UNIT WITH SPEED CONTROL**
[54] **APPAREIL MECANIQUE AUTOPROPULSE A CONDUCTEUR ACCOMPANANT, DOTE D'UNE COMMANDE DE VITESSE**
[72] TREFZ, HARLIN J., US
[71] DEERE & COMPANY, US
[22] 2002-09-10
[43] 2003-03-25
[30] US (09/964,236) 2001-09-25

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[21] **2,402,583**
[13] A1
[51] **Int.Cl. 7A47B 96/00 7A47B 87/00
7A47C 17/00 7A47C 31/00**
[25] EN
[54] **APPARATUS FOR SECURING
INDEPENDENT SECTIONS OF A
MODULAR SEATING ASSEMBLY**
[54] **APPAREIL DE FIXATION DE
SECTIONS INDEPENDANTES D'UN
MEUBLE-SIEGE MODULAIRE**
[72] MARSHALL, RICHARD E., US
[72] LAPOINTE, LARRY P., US
[72] MERO, MICHAEL R., JR., US
[71] LA-Z-BOY INCORPORATED, US
[22] 2002-09-10
[43] 2003-03-25
[30] US (09/962,030) 2001-09-25

[21] **2,402,616**
[13] A1
[51] **Int.Cl. 7G01V 3/11**
[25] EN
[54] **INDUCTIVE SENSOR
ARRANGEMENT AND METHOD FOR
DETECTING OF FERROUS METAL
OBJECTS**
[54] **CAPTEUR INDUCTIF ET
METHODE DE DETECTION D'OBJETS
EN METAL FERREUX**
[72] GOLDER, ROGER, GB
[72] BINDER, ALBERT, CH
[71] HILTI AKTIENGESELLSCHAFT, LI
[22] 2002-09-10
[43] 2003-03-26
[30] EP (01810939.7) 2001-09-26

[21] **2,402,617**
[13] A1
[51] **Int.Cl. 7B25B 13/46 7B60B 29/00**
[25] EN
[54] **SWING ARM**
[54] **LEVIER DE SERRAGE**
[72] HEAVEN, JONATHAN MARK, CA
[71] HEAVEN, JONATHAN MARK, CA
[22] 2002-09-23
[43] 2003-03-24
[30] US (09/960,144) 2001-09-24

[21] **2,402,921**
[13] A1
[51] **Int.Cl. 7B61H 13/34**
[25] EN
[54] **LOCOMOTIVE ELECTRIC
COMPANY**
[54] **ALARME DE FREIN A MAIN EN
PRISE**
[72] NAGLE, JAN ALAN, US
[72] PETERSEN, DAVID E., US
[71] GENERAL ELECTRIC COMPANY,
US
[22] 2002-09-12
[43] 2003-03-24
[30] US (60/324,342) 2001-09-24
[30] US (10/005,399) 2001-12-05

[21] **2,402,956**
[13] A1
[51] **Int.Cl. 7C10M 141/02 7C10M 103/00
7C10M 125/26 7C10M 107/52**
[25] EN
[54] **LUBRICANT COMPOSITION
COMPRISING ALKALI METAL
BORATE DISPERSED IN A
POLYALKYLENE SUCCINIC
ANHYDRIDE AND A METAL SALT OF
A POLYISOBUTENYL SULFONATE**
[54] **COMPOSITION LUBRIFIANTE
RENFERMANT UN BORATE DE
METAL ALCALIN DISPERSE DANS UN
POLYALKYLENE:ANHYDRIDE
SUCCINIQUE ET UN SEL
METALLIQUE D'UN SULFONATE DE
POLYISOBUTENYLE**
[72] NELSON, KENNETH D., US
[72] HARRISON, JAMES J., US
[71] CHEVRON ORONITE COMPANY
LLC, US
[22] 2002-09-12
[43] 2003-03-28
[30] US (09/967,049) 2001-09-28

[21] **2,402,958**
[13] A1
[51] **Int.Cl. 7C10M 141/02 7C10M 125/26
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[25] EN
[54] **DISPERSED HYDRATED SODIUM
BORATE COMPOSITIONS HAVING
IMPROVED PROPERTIES IN
LUBRICATING OIL COMPOSITIONS**
[54] **COMPOSITIONS DE BORATE DE
SODIUM HYDRATE DISPERSE
POSSEDANT DES PROPRIETES
AMELIOREES DANS DES
COMPOSITIONS D'HUILES
LUBRIFIANTES**
[72] HARRISON, JAMES J., US
[72] NELSON, KENNETH D., US
[71] CHEVRON ORONITE COMPANY
LLC, US
[22] 2002-09-12
[43] 2003-03-28
[30] US (09/967,050) 2001-09-28

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[51] **Int.Cl. 7H02G 3/08**
[25] EN
[54] **OUTLET BOX AND PARTITION**
[54] **BOITE A PRISES CLOISONNEE**
[72] LALANCETTE, DANIEL, ZZ
[72] AUBIN, PIERRE, ZZ
[71] THOMAS & BETTS
INTERNATIONAL, INC., US
[22] 2002-09-12
[43] 2003-03-25
[30] US (60/324,785) 2001-09-25

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[13] A1
[51] **Int.Cl. 7C08J 5/18 7C08L 27/08
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7B32B 27/32**
[25] EN
[54] **PROCESS FOR PRODUCTION OF
COMPOSITE POROUS FILM**
[54] **PROCEDE DE PRODUCTION DE
PELLICULE COMPOSITE POREUSE**
[72] KITAGISHI, YASUSHI, JP
[72] YANAGI, YOUJI, JP
[72] DAIDO, TAKAHIRO, JP
[72] HONMOTO, HIROYUKI, JP
[72] NISHIKAWA, SATOSHI, JP
[71] TEIJIN LIMITED, JP
[22] 2002-09-13
[43] 2003-03-28
[30] JP (2001-301302) 2001-09-28
[30] JP (2002-077878) 2002-03-20

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[13] A1
[51] **Int.Cl. 7B25B 13/46 7B60B 29/00**
[25] EN
[54] **SWING ARM**
[54] **LEVIER DE SERRAGE**
[72] HEAVEN, JONATHAN MARK, CA
[71] HEAVEN, JONATHAN MARK, CA
[22] 2002-09-23
[43] 2003-03-24
[30] US (09/960,144) 2001-09-24

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[13] A1

[51] **Int.Cl. 7B65H 37/04**
[25] EN
[54] **DISPENSER FOR CONTINUOUSLY AND DISCONTINUOUSLY DISPENSING MATERIAL COMPOSED OF DOUBLE-SIDEDLY SELF-ADHESIVE CARRIER MATERIAL ON A REEL**
[54] **DISTRIBUTEUR EN CONTINU ET PAR INTERMITTENCE DE BANDE PORTE-ETIQUETTE ADHESIVE SUR DEUX FACES EN BOBINE**
[72] GEBBEKEN, BERNHARD, DE
[72] SCHULZE, REINER, DE
[72] HEBBEL, GERD, DE
[72] ASTER, GUNTER, DE
[71] TESA AKTIENGESELLSCHAFT, DE
[22] 2002-09-16
[43] 2003-03-27
[30] DE (101 47 813.5) 2001-09-27

[21] **2,403,399**
[13] A1

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[25] EN
[54] **EXTERIOR PANEL**
[54] **PANNEAU DE REVETEMENT EXTERIEUR**
[72] ZEEFF, BRADLEY J., US
[71] ZEEFF, BRADLEY J., US
[22] 2002-09-16
[43] 2003-03-26
[30] US (09/964,197) 2001-09-26

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[13] A1

[51] **Int.Cl. 7A45D 34/00**
[25] EN
[54] **FRAGRANCE DIFFUSER**
[54] **DIFFUSEUR DE PARFUM**
[72] TSUTSUMI, YOJI, JP
[71] IMEX CO., LTD., JP
[22] 2002-09-16
[43] 2003-03-28
[30] JP (2001-302144) 2001-09-28
[30] JP (2002-218226) 2002-07-26

[21] **2,403,415**
[13] A1

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[25] EN
[54] **KEY IDENTIFICATION SYSTEM**
[54] **SYSTEME D'IDENTIFICATION DE CLE**
[72] MUELLER, MICHAEL A., US
[72] HEREDIA, GEORGE, US
[72] CAMPBELL, JOHN, US
[71] THE HILLMAN GROUP, INC., US
[22] 2002-09-16
[43] 2003-03-26
[30] US (09/962,131) 2001-09-26

[21] **2,403,467**
[13] A1

[51] **Int.Cl. 7H04L 12/16 7A63F 13/00 7G07F 17/32**
[25] EN
[54] **METHOD FOR IMPLEMENTING SCHEDULED RETURN PLAY AT GAMING MACHINE NETWORKS**
[54] **METHODE DE PROGRAMMATION DE CREDITS D'INCITATION AU JEU POUR RESEAUX DE MACHINES DE JEU**
[72] SCHNEIDER, RICHARD J., US
[72] MANFREDI, VINCENT S., US
[71] ACRES GAMING INCORPORATED, US
[22] 2002-09-16
[43] 2003-03-28
[30] US (09/967,337) 2001-09-28

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[13] A1

[51] **Int.Cl. 7C03B 35/00 7B65G 37/00 7B65G 49/06**
[25] EN
[54] **APPARATUS FOR THE TRANSFER OF PLATES FROM A PLATE TRANSPORT DEVICE TO A PLATE STORAGE RACK OR SIMILAR DEVICE**
[54] **APPAREIL DE TRANSFERT DE PLAQUES ENTRE UN TRANSPORTEUR ET RATELIER DE STOCKAGE OU DISPOSITIF ANALOGUE**
[72] PFEILSCHIFTER, THOMAS, DE
[72] LANG, EDWIN, DE
[71] GRENZEBACH MASCHINENBAU GMBH, DE
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[43] 2003-03-28
[30] DE (101 48 038.5) 2001-09-28

[21] **2,403,645**
[13] A1

[51] **Int.Cl. 7C04B 16/06 7C04B 40/00**
[25] EN
[54] **PUMPABLY VERIFIABLE FLUID FIBER COMPOSITIONS**
[54] **COMPOSITIONS FIBREUSES POMPABLES ET DOSABLES EN SOLUTION**
[72] FIERKE, RANDALL, US
[72] BUCHANAN, MICHAEL J., US
[72] VERRILL, JESSICA, US
[72] MACKLIN, MICHAEL B., US
[72] WESTGATE, PAUL, US
[72] RANGANATHAN, ANANDAKUMAR, US
[72] RIEDER, KLAUS-ALEXANDER, US
[72] SHEN, DING FENG, US
[72] INDGE, DONALD, US
[72] AGRETI, DAVID, US
[71] W.R. GRACE & CO.-CONN., US
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[30] US (09/962,830) 2001-09-25
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[21] **2,403,742**
[13] A1

[51] **Int.Cl. 7A01J 5/013 7A01J 5/00 7A01J 5/01**
[25] EN
[54] **A DEVICE FOR MILKING ANIMALS**
[54] **DISPOSITIF A TRAIRE**
[72] ESPADA, AVENTIN ELENA, NL
[72] VIJVERBERG, HELENA GERALDA MARIA, NL
[71] LELY ENTERPRISES AG, CH
[22] 2002-09-16
[43] 2003-03-28
[30] NL (1019062) 2001-09-28

[21] **2,403,780**
[13] A1

[51] **Int.Cl. 7B65D 81/02**
[25] EN
[54] **SHIPPING BASE FOR APPLIANCES**
[54] **PLATE-FORME D'EXPEDITION D'APPAREILS MENAGERS**
[72] JOHANSON, JAMES E., US
[72] ANTAL, KEITH E., US
[71] SONOCO DEVELOPMENT, INC., US
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[43] 2003-03-24
[30] US (60/324,481) 2001-09-24
[30] US (09/990,013) 2001-11-21

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[13] A1

[51] **Int.Cl. 7G05D 23/00 7H05B 1/00**
[25] EN
[54] **A METHOD FOR OPERATING A MULTI-STAGE ELECTRICAL HEATER COMPRISED OF SEVERAL HEATING ELEMENTS**
[54] **METHODE D'EXPLOITATION D'UNE CHAUFFERETTE MULTI-ETAGEE COMPORTANT PLUSIEURS ELEMENTS CHAUFFANTS**
[72] UHL, GUNTHER, DE
[71] BERU AG, DE
[22] 2002-09-16
[43] 2003-03-25
[30] DE (10147074.6) 2001-09-25

[21] **2,404,010**
[13] A1

[51] **Int.Cl. 7D21C 11/10 7D21C 11/00 7B01D 5/00 7B01D 1/26**
[25] EN
[54] **METHOD TO LOWER THE RELEASE OF HAZARDOUS AIR POLLUTANTS FROM KRAFT RECOVERY PROCESS**
[54] **METHODE DE REDUCTION DES EMISSIONS POLLUANTES DANGEREUSES D'UN PROCEDE DE RECUPERATION DE PAPIER KRAFT**
[72] MULLEN, WALTER THOMAS, US
[72] PASSINI, REINALDO, BR
[72] BROEKHUIS, ROBERT ROGER, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2002-09-17
[43] 2003-03-24
[30] US (09/962,538) 2001-09-24

[21] **2,404,028**
[13] A1

[51] **Int.Cl. 7A63F 13/00 7G07F 17/32**
[25] EN
[54] **GAMING APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE JEU**
[72] BAERLOCHER, ANTHONY, US
[71] INTERNATIONAL GAME TECHNOLOGY, US
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[43] 2003-03-26
[30] US (09/964,060) 2001-09-26

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[13] A1

[51] **Int.Cl. 7A61K 38/36 7C07K 14/745**
[25] EN
[54] **USE OF COAGULATION FACTOR VII-ACTIVATING PROTEASE FOR THE PROPHYLAXIS AND THERAPY OF VASOPROLIFERATIVE DISORDERS**
[54] **UTILISATION DU FACTEUR DE COAGULATION VII ACTIVANT LA PROTEASE POUR LA PROPHYLAXIE ET LA THERAPIE DES AFFECTIONS VASCULO-PROLIFERATIVES**
[72] PREISSNER, KLAUS T., DE
[72] ROEMISCH, JUERGEN, DE
[72] KANSE, SANDIP, DE
[72] KANNEMEIER, CHRISTIAN, DE
[71] AVENTIS BEHRING GMBH, DE
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[43] 2003-03-28
[30] DE (101 48 037.7) 2001-09-28

[21] **2,404,067**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD AND SYSTEM FOR DIVERSIFYING RISK IN PRIVATELY HELD STOCK**
[54] **METHODE ET SYSTEME DE DIVERSIFICATION DES RISQUES ASSOCIES A LA POSSESSION DE VALEURS MOBILIERES DU SECTEUR PRIVE**
[72] ROBERTS, JOHN, CA
[71] MEZZANINE SERVICES INC., CA
[22] 2002-09-18
[43] 2003-03-27
[30] US (09/965,443) 2001-09-27

[21] **2,404,068**
[13] A1

[51] **Int.Cl. 7G02C 13/00**
[25] EN
[54] **RIMLESS SPECTACLES AND METHOD FOR MAKING SAME**
[54] **LUNETTES SANS MONTURE ET METHODE DE FABRICATION**
[72] FRIEDER, LEONARD PETER, JR., US
[71] GENTEX CORPORATION, US
[22] 2002-09-18
[43] 2003-03-28
[30] US (09/966,951) 2001-09-28

[21] **2,404,177**
[13] A1

[51] **Int.Cl. 7G07F 17/32 7A63F 13/00**
[25] EN
[54] **GAMING MACHINES WITH DIRECTED SOUND**
[54] **MACHINES DE JEU A SON ORIENTE**
[72] WILDER, RICHARD L., US
[72] WELLS, WILLIAM R., US
[72] GRISWOLD, CHAUNCEY W., US
[72] MATTICE, HAROLD, US
[71] IGT, US
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[43] 2003-03-28
[30] US (09/966,860) 2001-09-28

[21] **2,404,178**
[13] A1

[51] **Int.Cl. 7G07F 17/32 7A63F 13/00 7H04L 12/16**
[25] EN
[54] **METHOD AND APPARATUS FOR GAMING WITH SIMULATION OF TELEPHONE FOR PLAYER INTERACTION**
[54] **METHODE ET APPAREIL DE JEU A SIMULATION D'UN TELEPHONE POUR L'INTERACTION AVEC LE JOUEUR**
[72] TESSMER, MICHAEL T., US
[72] DEGRANDMAISON, JASON R., US
[72] EHRlich, DEAN A., US
[72] COLEMAN, JAMES M., US
[71] ANCHOR GAMING, US
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[43] 2003-03-27
[30] US (09/966,339) 2001-09-27

[21] **2,404,213**
[13] A1

[51] **Int.Cl. 7G01F 1/00 7G01F 15/00**
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[54] **FLUID FLOW RATE SELECTOR**
[54] **SELECTEUR DE DEBIT**
[72] MICKELSON, SAMMY K., US
[72] BERKENBOSCH, LYLE J., US
[71] LITTON SYSTEMS, INC., US
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[43] 2003-03-26
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[13] A1

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[25] EN
[54] **QUICK CONNECT/DISCONNECT WATER FAUCET CONDUIT ASSEMBLY**
[54] **TUBES A RACCORDS RAPIDES POUR ROBINET A EAU**
[72] MASCARI, NICHOLAS A., US
[72] BURNS, LEONARD J., US
[72] ZUMMERSCH, MARTIN, US
[71] MOEN INCORPORATED, US
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[43] 2003-03-28
[30] US (09/967,020) 2001-09-28

[21] **2,404,250**
[13] A1

[51] **Int.Cl. 7H04L 12/40**
[25] EN
[54] **DETERMINISTIC FIELD BUS AND PROCESS FOR MANAGEMENT OF SUCH A BUS**
[54] **BUS DE TERRAIN DETERMINISTE ET METHODE DE GESTION D'UN TEL BUS**
[72] FLEURY, CHRISTOPHE, FR
[71] AIRBUS FRANCE, FR
[22] 2002-09-17
[43] 2003-03-27
[30] FR (01 12427) 2001-09-27

[21] **2,404,404**
[13] A1

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[25] EN
[54] **AN IMPROVED DIGITAL TRANSMISSION SYSTEM FOR AN ENHANCED ATSC 8-VSB SYSTEM**
[54] **SYSTEME AMELIORE D'EMISSION DE SIGNAUX NUMERIQUES POUR LA NORME ATSC 8-VSB**
[72] BIRRU, DAGNACHEW, US
[72] GADDAM, VASANTH R., US
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
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[43] 2003-03-24
[30] US (60/324,482) 2001-09-24
[30] US (10/127,531) 2002-04-22

[21] **2,404,276**
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 17/60**
[25] EN
[54] **AUTOMATIC ADVERTISER NOTIFICATION FOR A SYSTEM FOR PROVIDING PLACE AND PRICE PROTECTION IN A SEARCH RESULT LIST GENERATED BY A COMPUTER NETWORK SEARCH ENGINE**
[54] **METHODE AUTOMATIQUE D'INFORMATION DES ANNONCEURS POUR SYSTEME DE PROTECTION DES POSITIONS ET DES PRIX DANS UNE LISTE DE RESULTATS DE RECHERCHE PRODUITE PAR UN MOTEUR DE RECHERCHE DE RESEAU INFORMATIQUE**
[72] SOULANILLE, THOMAS A., US
[72] SINGH, NARINDER PAL, US
[72] DAVIS, DARREN J., US
[72] CHEUNG, DOMINIC DOUGH-MING, US
[72] HUFFMAN, DOUGLAS T., US
[72] SNELL, SCOTT W., US
[71] OVERTURE SERVICES INC., US
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[30] US (09/963,855) 2001-09-26

[21] **2,404,412**
[13] A1

[51] **Int.Cl. 7H04B 7/04 7H04B 7/08**
[25] EN
[54] **MULTI-ANTENNA/MULTI-RECEIVER ARRAY DIVERSITY SYSTEM**
[54] **SYSTEME DE RECEPTION EN DIVERSITE A ANTENNES ET A RECEPTEURS MULTIPLES**
[72] RICE, CHRISTOPHER W., US
[72] MILLER, ROBERT RAYMOND II, US
[72] ERVING, RICHARD HENRY, US
[72] GHASSEMZADEH, SAEED S., US
[71] AT&T CORP., US
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[43] 2003-03-25
[30] US (09/962,994) 2001-09-25

[21] **2,404,427**
[13] A1

[51] **Int.Cl. 7E03D 3/04 7E03D 3/10**
[25] EN
[54] **VALVE ASSEMBLY FOR A PRESSURE FLUSH SYSTEM**
[54] **ROBINET POUR CHASSE D'EAU SOUS PRESSION**
[72] FISH, ROBERT H., US
[71] SLOAN VALVE COMPANY, US
[22] 2002-09-20
[43] 2003-03-28
[30] US (09/967,012) 2001-09-28

[21] **2,404,453**
[13] A1

[51] **Int.Cl. 7F16J 15/54 7F01D 25/00**
[25] EN
[54] **SHAFT SEAL STRUCTURE AND TURBINE**
[54] **ETANCHEITE D'ARBRE ET TURBINE**
[72] SHINOHARA, TANEHIRO, JP
[72] NISHIMOTO, SHIN, JP
[72] NAKANO, TAKASHI, JP
[72] YURI, MASANORI, JP
[72] AKAGI, KOUICHI, JP
[72] UEHARA, HIDEKAZU, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2002-09-20
[43] 2003-03-28
[30] JP (2001-298748) 2001-09-28

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[21] **2,404,530**
[13] A1
[51] **Int.Cl. 7G07F 17/34 7A63F 13/10**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR GAMING USING A ROTATABLE PAYOUT INDICATOR**
[54] **METHODE, APPAREIL ET SYSTEME DE JEU A INDICATEUR ROTATIF DE GAIN**
[72] DEVILLE, CANYON, US
[72] STANEK, JAMES R., US
[72] MILLER, CHARLES R., US
[72] MACVITTIE, MICHAEL, US
[72] JOHNSON, BRIAN A., US
[72] ADAMS, WILLIAM R., US
[71] ANCHOR GAMING, US
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[43] 2003-03-27
[30] US (09/966,333) 2001-09-27

[21] **2,404,538**
[13] A1
[51] **Int.Cl. 7A47G 25/48**
[25] EN
[54] **CLIP ARRANGMENT FOR GARMENT HANGER**
[54] **PINCES SUR CINTRE**
[72] GOLDMAN, ALLAN JOEL, US
[71] UNIPLAST INDUSTRIES, INC., US
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[43] 2003-03-24
[30] US (09/962,433) 2001-09-24

[21] **2,404,547**
[13] A1
[51] **Int.Cl. 7A63F 13/00 7A63F 13/12 7A63F 9/24**
[25] EN
[54] **ROBOT GAME SYSTEM**
[54] **SYSTEME DE JEU A ROBOTS**
[72] HOTTA, HIDEAKI, JP
[72] KITAZAWA, YUKIHITO, JP
[71] ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD., JP
[22] 2002-09-20
[43] 2003-03-28
[30] JP (2001-302738) 2001-09-28

[21] **2,404,556**
[13] A1
[51] **Int.Cl. 7H01M 8/24**
[25] EN
[54] **FUEL CELL STACK**
[54] **EMPILAGE DE PILE A COMBUSTIBLE**
[72] SUGIURA, SEIJI, JP
[72] TANAKA, HIROYUKI, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-09-23
[43] 2003-03-28
[30] JP (2001-302055) 2001-09-28

[21] **2,404,559**
[13] A1
[51] **Int.Cl. 7A47K 10/42**
[25] FR
[54] **DISTRIBUTEUR MODULAIRE**
[54] **MODULAR DISPENSER**
[72] NEVEU, JEAN-LOUIS, FR
[72] GUILLEMETTE, PHILIPPE, FR
[71] GEORGIA-PACIFIC FRANCE, FR
[22] 2002-09-23
[43] 2003-03-25
[30] FR (01 12324) 2001-09-25

[21] **2,404,561**
[13] A1
[51] **Int.Cl. 7A61K 7/48 7A61K 31/133 7A61K 31/195**
[25] EN
[54] **SKIN CLEANSER CONTAINING ANTI-AGING ACTIVE**
[54] **NETTOYANT POUR LA PEAU CONTENANT UN COMPOSE ANTI-VIEILLISSEMENT**
[72] COLE, CURTIS A., US
[72] LUKENBACH, ELVIN R., US
[72] ALELES, MARGARET A., US
[71] JOHNSON & JOHNSON CONSUMER COMPANIES, INC., US
[22] 2002-09-23
[43] 2003-03-24
[30] US (09/961,911) 2001-09-24

[21] **2,404,569**
[13] A1
[51] **Int.Cl. 7A63F 13/10 7G07F 17/32 7G07F 17/34**
[25] EN
[54] **GAMING MACHINE HAVING BONUS GAME**
[54] **MACHINE DE JEU OFFRANT DES JEUX-PRIME**
[72] JACKSON, JAMES P., US
[72] DESIMONE, FRANK, US
[72] DINI, MICHAEL THOMAS, US
[72] PIECHOWIAK, ROBERT J., US
[71] SIGMA GAME, INC., US
[22] 2002-09-23
[43] 2003-03-28
[30] US (09/967,629) 2001-09-28

[21] **2,404,571**
[13] A1
[51] **Int.Cl. 7A46B 17/02 7A47L 11/40**
[25] EN
[54] **CONNECTOR**
[54] **CONNECTEUR**
[72] SPOONER, GREGORY CLEGG, HK
[71] HAYCO MANUFACTURING LTD., HK
[22] 2002-09-23
[43] 2003-03-27
[30] US (09/966,933) 2001-09-27

[21] **2,404,590**
[13] A1
[51] **Int.Cl. 7B60K 15/035**
[25] EN
[54] **CONTROLLING FUEL TANK VAPOR VENTING DURING REFUELING**
[54] **REDUCTION DE LA MISE A L'AIR LIBRE DES VAPEURS D'ESSENCE DURANT LE PLEIN D'ESSENCE**
[72] BENJEY, ROBERT P., US
[71] EATON CORPORATION, US
[22] 2002-09-23
[43] 2003-03-26
[30] US (09/963,815) 2001-09-26

[21] **2,404,591**
[13] A1
[51] **Int.Cl. 7B21D 39/02**
[25] EN
[54] **HEMMING MACHINE**
[54] **MACHINE A OURLER**
[72] BAULIER, DOMINIQUE, CA
[71] VALIANT CORPORATION, CA
[22] 2002-09-23
[43] 2003-03-28
[30] US (09/965,989) 2001-09-28

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[21] **2,404,595**
[13] A1

[51] **Int.Cl. 7B62D 37/00 7B62D 63/08 7B60R 21/13**
[25] EN
[54] **VEHICLE ANTI-ROLLOVER DEVICE**
[54] **DISPOSITIF ANTI-TONNEAU**
[72] SANCHEZ, ANGELO, US
[71] SANCHEZ, ANGELO, US
[22] 2002-09-23
[43] 2003-03-24
[30] US (09/961,918) 2001-09-24

[21] **2,404,597**
[13] A1

[51] **Int.Cl. 7E03C 1/18**
[25] EN
[54] **DRIP-PROOF INSET**
[54] **PIECE RAPPORTEE ANTI-EGOUTTEMENT**
[72] GERGER, PATRIK, SE
[71] TOLCO AB, SE
[22] 2002-09-23
[43] 2003-03-24
[30] SE (0103172-3) 2001-09-24

[21] **2,404,640**
[13] A1

[51] **Int.Cl. 7B43L 9/16**
[25] EN
[54] **COMPASS AND COMPASS-CUTTER WITH RATCHET MECHANISM**
[54] **COMPAS ET COUPE-VERRE A COMPAS A MECANISME A ROCHET**
[72] OKADA, SHOJI, JP
[71] OLFA CORPORATION, JP
[22] 2002-09-23
[43] 2003-03-25
[30] JP (2001-291444) 2001-09-25
[30] JP (2002-103759) 2002-04-05
[30] JP (2002-187806) 2002-06-27

[21] **2,404,661**
[13] A1

[51] **Int.Cl. 7B65B 13/18**
[25] EN
[54] **STRAPPING MACHINES WITH IMPROVED REFEED**
[54] **MACHINES DE CERCLAGE A REALIMENTATION AMELIOREE**
[72] GURAK, RONALD W., US
[72] BRUZZESI, KEVIN A., US
[72] PEARSON, TIMOTHY B., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2002-09-23
[43] 2003-03-28
[30] US (09/966,302) 2001-09-28

[21] **2,404,677**
[13] A1

[51] **Int.Cl. 7B66B 5/04**
[25] EN
[54] **DEVICE FOR BLOCKING A SAFETY BRAKE FOR LIFT EQUIPMENT**
[54] **DISPOSITIF DE BLOCAGE DU FREIN DE SECURITE D'UN ASCENSEUR**
[72] HUGEL, STEFAN, CH
[72] MAURY, JULIEN, CH
[71] INVENTIO AG, CH
[22] 2002-09-24
[43] 2003-03-28
[30] EP (01810946.2) 2001-09-28

[21] **2,404,710**
[13] A1

[51] **Int.Cl. 7D21F 7/00 7D21G 9/00**
[25] EN
[54] **ARRANGEMENT OF HIGH-PRESSURE WATER DEVICES IN A PAPER MACHINE AND A METHOD FOR ARRANGING IT IN A PAPER MACHINE**
[54] **AGENCEMENT ET METHODE D'AGENCEMENT DE DISPOSITIFS A EAU SOUS PRESSION DANS UNE MACHINE A PAPIER**
[72] LYYTINEN, MARKKU, FI
[71] METSO PAPER, INC., FI
[22] 2002-09-23
[43] 2003-03-28
[30] FI (FI 20011901) 2001-09-28

[21] **2,404,715**
[13] A1

[51] **Int.Cl. 7F04B 13/00 7F04B 53/10**
[25] EN
[54] **ROTARY VALVE AND PISTON PUMP ASSEMBLY AND TANK DISPENSER THEREFOR**
[54] **SOUPAPE ROTATIVE ET POMPE A PISTON, ET DISTRIBUTEUR CORRESPONDANT**
[72] KREVALD, WALTER R., US
[71] DIAMOND MACHINE WORKS, INC., US
[22] 2002-09-23
[43] 2003-03-27
[30] US (09/965,061) 2001-09-27

[21] **2,404,718**
[13] A1

[51] **Int.Cl. 7B61L 25/00**
[25] EN
[54] **TRAIN DETECTION**
[54] **DETECTION DE TRAIN**
[72] MCALLISTER, LAWRENCE
LAWSON, GB
[71] WESTINGHOUSE BRAKE AND SIGNAL HOLDINGS LIMITED, GB
[22] 2002-09-23
[43] 2003-03-25
[30] GB (0123058.0) 2001-09-25

[21] **2,404,723**
[13] A1

[51] **Int.Cl. 7C12Q 1/26 7G01N 33/573 7C12Q 1/68**
[25] EN
[54] **METHODS RELATED TO THE A-C REPEAT Z-SEQUENCE UPSTREAM FROM THE ALDOSE REDUCTASE GENE**
[54] **METHODES ASSOCIEES A LA SEQUENCE POLYMORPHE REPETEE A-C EN AMONT DU GENE DE L'ALDOSE REDUCTASE**
[72] MILOS, PATRICE MARIE, US
[72] OATES, PETER JOSEPH, US
[72] FRYBURG, DAVID ALBERT, US
[72] KLIOZE, SOLOMON SAMUEL, US
[71] PFIZER PRODUCTS, INC, US
[22] 2002-09-23
[43] 2003-03-28
[30] US (60/325,927) 2001-09-28

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[21] **2,404,727**
[13] A1

[51] **Int.Cl. 7B61D 47/00**
[25] EN
[54] **METHOD OF USING A HOSE CONNECTOR TEMPLATE ON A RAILCAR**
[54] **METHODE D'EMPLOI D'UN GABARIT DE RACCORDEMENT DE FLEXIBLES SUR VOITURE/WAGON FERROVIAIRE**
[72] VERMETTE, RAYMOND BLAINE, CA
[72] O'CONNELL, TOM, CA
[72] RIED, JIM, CA
[71] GENERAL ELECTRIC COMPANY, US
[22] 2002-09-24
[43] 2003-03-25
[30] US (09/962,572) 2001-09-25

[21] **2,404,728**
[13] A1

[51] **Int.Cl. 7B26B 19/38**
[25] EN
[54] **COLOR-CODED ATTACHMENT COMB KEY FOR HAIR CLIPPER**
[54] **SELECTEUR DE PEIGNE A CODE COULEUR POUR TONDEUSE A CHEVEUX**
[72] LANGLEY, LUTHER, US
[71] WAHL CLIPPER CORPORATION, US
[22] 2002-09-23
[43] 2003-03-25
[30] US (09/962,725) 2001-09-25

[21] **2,404,745**
[13] A1

[51] **Int.Cl. 7B61D 47/00**
[25] EN
[54] **HOSE CONNECTOR TEMPLATE APPARATUS**
[54] **GABARIT DE RACCORDEMENT DE FLEXIBLES**
[72] O'CONNELL, TOM, CA
[72] RIED, JIM, CA
[72] VERMETTE, RAYMOND BLAINE, CA
[71] GENERAL ELECTRIC COMPANY, US
[22] 2002-09-24
[43] 2003-03-25
[30] US (09/962,571) 2001-09-25

[21] **2,404,747**
[13] A1

[51] **Int.Cl. 7F02D 9/08**
[25] EN
[54] **IMPROVED ENGINE SHUTDOWN VALVE**
[54] **VANNE D'ARRET MOTEUR AMELIORE**
[72] PRYSKO, DEAN STEPHEN, CA
[71] BARBER INDUSTRIES INC., CA
[22] 2002-09-24
[43] 2003-03-24
[30] US (09/963,792) 2001-09-24

[21] **2,404,757**
[13] A1

[51] **Int.Cl. 7B05B 5/025 7B05B 7/00**
[25] EN
[54] **SPRAY COATING DEVICE**
[54] **DISPOSITIF D'ENDUCTION PAR PULVERISATION**
[72] MAUCHLE, FELIX, CH
[71] ITW GEMA AG, CH
[22] 2002-09-24
[43] 2003-03-27
[30] DE (101 47 858.5) 2001-09-27

[21] **2,404,773**
[13] A1

[51] **Int.Cl. 7F23D 14/84 7F24C 3/00**
[25] FR
[54] **BRULEUR A GAZ POUR APPAREIL DE CUISSON**
[54] **GAS BURNER FOR COOKING APPLIANCE**
[72] YAM, PIERRE SIU HUN, US
[72] DANE, BERNARD, FR
[71] DANE, BERNARD, FR
[71] YAM, PIERRE SIU HUN, US
[22] 2002-09-17
[43] 2003-03-27
[30] FR (01 12429) 2001-09-27

[21] **2,404,782**
[13] A1

[51] **Int.Cl. 7A61K 7/13 7A61K 7/06**
[25] FR
[54] **COMPOSITION TINCTORIALE CONTENANT UN COMPOSE PARA-AMINOPHENOL OU PARA-PHENYLENE DIAMINE SUBSTITUE PAR UN RADICAL SILANIQUE**
[54] **DYE COMPOSITION CONTAINING A SILANE RADICAL SUBSTITUED PARA-AMINOPHENOL OR PARA-PHENYLENE DIAMINE COMPOUND**
[72] RICHARD, HERVE, FR
[71] L'OREAL, FR
[22] 2002-09-18
[43] 2003-03-28
[30] FR (01 12 523) 2001-09-28

[21] **2,404,795**
[13] A1

[51] **Int.Cl. 7F21V 21/00**
[25] EN
[54] **ELECTRIC LIGHT DISPLAY ASSEMBLY**
[54] **PRESENTOIR DE LAMPES ELECTRIQUES**
[72] MANCUSO, PAUL F., US
[72] GORDON, DAVID M., US
[71] MANCUSO, PAUL F., US
[71] GORDON, DAVID M., US
[22] 2002-09-24
[43] 2003-03-24
[30] US (09/961,468) 2001-09-24

[21] **2,404,803**
[13] A1

[51] **Int.Cl. 7A47C 7/00**
[25] EN
[54] **CHAIR ADJUSTMENT MECHANISM**
[54] **MECANISME DE REGLAGE DE CHAISE**
[72] BURGIN, RALPH C., US
[71] HON TECHNOLOGY INC., US
[22] 2002-09-24
[43] 2003-03-25
[30] US (60/324,295) 2001-09-25

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[21] **2,404,812**
[13] A1

[51] **Int.Cl. 7F23G 7/08**
[25] EN
[54] **DEVICE FOR INCINERATING WASTE GAS**
[54] **DISPOSITIF DE BRULAGE DE GAZ RESIDUAIRE**
[72] COFFEY, CLAYTON G., CA
[72] MARKOV, ALEXANDER B., CA
[71] AMTECH AERONAUTICAL LIMITED, CA
[22] 2002-09-24
[43] 2003-03-25
[30] US (09/961,757) 2001-09-25

[21] **2,404,813**
[13] A1

[51] **Int.Cl. 7A01J 5/007 7A01J 5/01 7G01N 33/04**
[25] EN
[54] **A METHOD OF COLLECTING MEASUREMENT DATA DURING AUTOMATICALLY MILKING AN ANIMAL**
[54] **METHODE DE COLLECTE DE DONNEES DE MESURE DURANT LA TRAITE AUTOMATIQUE D'UN ANIMAL**
[72] ESPADA AVENTIN, ELENA, NL
[72] VIJVERBERG, HELENA GERALDA MARIA, NL
[71] LELY ENTERPRISES AG, CH
[22] 2002-09-24
[43] 2003-03-28
[30] NL (1019061) 2001-09-28

[21] **2,404,833**
[13] A1

[51] **Int.Cl. 7H01J 9/395**
[25] EN
[54] **METHOD FOR PRODUCING A DISCHARGE LAMP**
[54] **METHODE DE PRODUCTION DE LAMPES A DECHARGE**
[72] VOLLKOMMER, FRANK, DE
[72] HITZSCHKE, LOTHAR, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 2002-09-24
[43] 2003-03-27
[30] DE (10147727.9) 2001-09-27

[21] **2,404,835**
[13] A1

[51] **Int.Cl. 7F26B 3/347 7B01J 19/08**
[25] EN
[54] **METHOD FOR DRYING COATINGS ON SUBSTRATES FOR LAMPS**
[54] **METHODE DE SECHAGE DU REVETEMENT DE SUBSTRATS DE LAMPES**
[72] ZACHAU, MARTIN, DE
[72] KONRAD, ARMIN, DE
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE
[22] 2002-09-24
[43] 2003-03-28
[30] DE (10147952.2) 2001-09-28

[21] **2,404,837**
[13] A1

[51] **Int.Cl. 7A61L 15/60**
[25] EN
[54] **ABSORBENT STRUCTURE AND ABSORBENT ARTICLES CONTAINING THE ABSORBENT STRUCTURE**
[54] **STRUCTURE DE MATERIAU ABSORBANT ET ARTICLES ABSORBANTS COMPORTANT CE TYPE DE STRUCTURE**
[72] NGUYEN, HEIN, US
[72] DABI, SHMUEL, US
[72] ROLLER, JUDITH, US
[71] MCNEIL-PPC, INC., US
[22] 2002-09-24
[43] 2003-03-25
[30] US (09/963,050) 2001-09-25

[21] **2,404,838**
[13] A1

[51] **Int.Cl. 7F24C 15/00 7F24C 7/00 7F24C 15/10**
[25] EN
[54] **CONTROL SYSTEM FOR AN APPLIANCE COOKTOP**
[54] **SYSTEME DE COMMANDE DE SURFACE DE CUISSON**
[72] PICKERING, MARK A., US
[72] BECKER, THEODORE A., US
[71] MAYTAG CORPORATION, US
[22] 2002-09-24
[43] 2003-03-28
[30] US (09/964,575) 2001-09-28

[21] **2,404,841**
[13] A1

[51] **Int.Cl. 7H01M 2/16 7H01M 8/00**
[25] EN
[54] **BIOPOLAR PLATE FOR FUEL CELL, METHOD FOR MANUFACTURING THE BIPOLAR PLATE, AND FUEL CELL USING THE BIPOLAR PLATE**
[54] **PLAQUE BIPOLAIRE POUR PILE A COMBUSTIBLE, METHODE DE FABRICATION DE PLAQUE BIPOLAIRE ET PILE A COMBUSTIBLE COMPORTANT UNE TELLE PLAQUE**
[72] KAMEI, MASAYUKI, JP
[72] HARADA, TETSUYA, JP
[72] HAMADA, KENICHI, JP
[72] KATO, TOSHIYA, JP
[72] MORI, KUNIO, JP
[71] DAINIPPON INK AND CHEMICALS, INC., JP
[22] 2002-09-24
[43] 2003-03-26
[30] JP (2001-293612) 2001-09-26

[21] **2,404,847**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06F 11/30**
[25] EN
[54] **METHOD AND SYSTEM FOR ESTIMATING SOFTWARE MAINTENANCE**
[54] **METHODE ET SYSTEME D'EVALUATION DE LA CHARGE DE MAINTENANCE D'UN LOGICIEL**
[72] ADAMS, JOHN R., US
[72] KEAR, KATHLEEN D., US
[71] LOCKHEED MARTIN CORPORATION, US
[22] 2002-09-24
[43] 2003-03-28
[30] US (60/325,916) 2001-09-28
[30] US (10/223,624) 2002-08-20

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[21] 2,404,848
[13] A1

[51] **Int.Cl. 7C07D 209/34**
[25] EN
[54] **INDOLE CARBOXYLIC ACIDS AS THYROID RECEPTOR LIGANDS**
[54] **ACIDES CARBOXYLIQUES D'INDOLE UTILISES COMME LIGANDS DES RECEPTEURS THYROIDIENS**
[72] CHIANG, YUAN-CHING PHOEBE, US
[72] ASPNES, GARY ERIK, US
[71] PFIZER PRODUCTS INC., US
[22] 2002-09-24
[43] 2003-03-26
[30] US (60/325,385) 2001-09-26

[21] 2,404,882
[13] A1

[51] **Int.Cl. 7E01H 1/04**
[25] EN
[54] **LAWN SWEEPER**
[54] **BALAYEUSE DE PELOUSE**
[72] PETERS, JON, CA
[71] PETERS, JON, CA
[22] 2002-09-25
[43] 2003-03-26
[30] US (60/324,535) 2001-09-26

[21] 2,404,895
[13] A1

[51] **Int.Cl. 7H04B 10/12 7H04B 10/17**
[25] EN
[54] **REMOTE MODULES IN OPTICAL COMMUNICATIONS LINKS**
[54] **MODULES ELOIGNES FAISANT PARTIE DE LIAISONS DE COMMUNICATION OPTIQUES**
[72] MARONEY, ANDREW V., GB
[72] ROBINSON, ALAN, GB
[71] NORTEL NETWORKS LIMITED, CA
[22] 2002-09-25
[43] 2003-03-28
[30] US (09/966,697) 2001-09-28

[21] 2,404,899
[13] A1

[51] **Int.Cl. 7A01J 5/01**
[25] EN
[54] **A DEVICE FOR SEPARATING MILK FROM DAIRY ANIMALS**
[54] **DISPOSITIF DE SEPARATION DU LAIT TIRE D'UN ANIMAL LAITIER**
[72] VIJVERBERG, HELENA GERALDA MARIA, NL
[72] ESPADA AVENTIN, ELENA, NL
[71] LELY ENTERPRISES AG, CH
[22] 2002-09-25
[43] 2003-03-28
[30] NL (1019059) 2001-09-28

[21] 2,404,979
[13] A1

[51] **Int.Cl. 7C08L 63/10 7C09D 163/00 7C25D 13/00 7C08L 63/00 7C09D 5/44**
[25] EN
[54] **CONDUCTIVE RESIN COMPOSITION**
[54] **COMPOSITION DE RESINE CONDUCTRICE**
[72] SCHNECK, THOMAS, US
[71] MIDWEST THERMAL SPRAY, US
[22] 2002-09-25
[43] 2003-03-25
[30] US (09/962,765) 2001-09-25

[21] 2,404,983
[13] A1

[51] **Int.Cl. 7B05D 1/36 7B01D 67/00 7B05D 7/00 7B32B 27/02 7H01M 8/10**
[25] EN
[54] **PROCESS FOR PRODUCING A COATING FILM AND PROCESS FOR PRODUCING A SOLID POLYMER ELECTROLYTE FUEL CELL**
[54] **PROCEDE DE PRODUCTION DE PELLICULE DE REVETEMENT ET PROCEDE DE PRODUCTION DE PILE A COMBUSTIBLE A ELECTROLYTE POLYMERE SOLIDE**
[72] KINOSHITA, SHINJI, JP
[72] MUKOYAMA, ATSUSHI, JP
[72] SHIMODA, HIROSHI, JP
[71] ASAHI GLASS COMPANY, LIMITED, JP
[22] 2002-09-25
[43] 2003-03-26
[30] JP (2001-293337) 2001-09-26

[21] 2,405,024
[13] A1

[51] **Int.Cl. 7A61K 7/13 7A61K 7/06**
[25] FR
[54] **COMPOSITION POUR LA TEINTURE DES FIBRES KERATINIQUES HUMAINES COMPRENANT UN COLORANT MONOAZOIQUE MONOCATIONIQUE PARTICULIER**
[54] **COMPOSITION FOR THE DYEING OF HUMAN KERATINIC FIBRES WHICH CONTAINS A SPECIFIC MONOAZOIC AND MONOCATIONIC DYE**
[72] FADLI, AZIZ, FR
[72] VIDAL, LAURENT, FR
[71] L'OREAL, FR
[22] 2002-09-20
[43] 2003-03-26
[30] FR (01 12 374) 2001-09-26

[21] 2,405,134
[13] A1

[51] **Int.Cl. 7A01D 34/82**
[25] EN
[54] **REVERSE LOCKOUT FEATURE FOR A MOWER**
[54] **MECANISME DE NEUTRALISATION DE LA MARCHE ARRIERE POUR TONDEUSE**
[72] JOHNSON, KEVIN L., US
[71] TECUMSEH PRODUCTS COMPANY, US
[22] 2002-09-25
[43] 2003-03-25
[30] US (09/963,059) 2001-09-25

[21] 2,405,135
[13] A1

[51] **Int.Cl. 7H02H 3/16**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING AND SUPPRESSING A PARALLEL ARC FAULT**
[54] **METHODE ET APPAREIL DE DETECTION ET DE SUPPRESSION DE DEFAUT D'ARC PARALLELE**
[72] ZUERCHER, JOSEPH C., US
[72] KRSTIC, SLOBODAN, US
[72] PAHL, BIRGER, US
[72] JAHN, RONALD R., US
[72] HASTINGS, JEROME K., US
[72] BERKOPEC, WILLIAM E., US
[71] EATON CORPORATION, US
[22] 2002-09-25
[43] 2003-03-28
[30] US (09/967,116) 2001-09-28

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[21] **2,405,139**
[13] A1

[51] **Int.Cl. 7A01J 5/01**
[25] EN
[54] **A DEVICE FOR SEPARATING MILK FROM A DAIRY ANIMAL**
[54] **DISPOSITIF POUR SEPARER LE LAIT TIRE D'UN ANIMAL LAITIER**
[72] VIJVERBERG, HELENA GERALDA MARIA, NL
[72] ESPADA AVENTIN, ELENA, NL
[71] LELY ENTERPRISES AG, CH
[22] 2002-09-25
[43] 2003-03-28
[30] NL (1019060) 2001-09-28

[21] **2,405,178**
[13] A1

[51] **Int.Cl. 7B65D 5/18**
[25] EN
[54] **RESIN BOX**
[54] **BOITE EN RESINE**
[72] TERASHIMA, SEIJI, JP
[72] MINABA, TAKESHI, JP
[72] YAMATSUTA, KOHJI, JP
[72] OHMURA, YOSHINORI, JP
[71] SUMIKA PLASTECH COMPANY, LIMITED, JP
[22] 2002-09-25
[43] 2003-03-26
[30] JP (2001-294757) 2001-09-26
[30] JP (2001-294766) 2001-09-26
[30] JP (2001-294775) 2001-09-26
[30] JP (2001-294782) 2001-09-26

[21] **2,405,180**
[13] A1

[51] **Int.Cl. 7H04B 10/17 7H04B 10/13 7G02F 1/39**
[25] EN
[54] **RAMAN AMPLIFICATION**
[54] **AMPLIFICATION RAMAN**
[72] JOLLEY, NIGEL, GB
[72] FLUDGER, CHRISTOPHER R., GB
[71] NORTEL NETWORKS LIMITED, CA
[22] 2002-09-25
[43] 2003-03-28
[30] US (09/966,674) 2001-09-28

[21] **2,405,187**
[13] A1

[51] **Int.Cl. 7B65B 13/18**
[25] EN
[54] **STRAPPING MACHINE WITH EASY ACCESS AND FEED GUIDES**
[54] **MACHINE A CERCLER A GUIDE D'ALIMENTATION A ACCES FACILE**
[72] PEARSON, TIMOTHY B., US
[72] LOPEZ, JONATHAN, US
[72] GURAK, RONALD W., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2002-09-25
[43] 2003-03-28
[30] US (09/966,473) 2001-09-28

[21] **2,405,184**
[13] A1

[51] **Int.Cl. 7A61N 1/378 7A61N 1/08 7H01M 10/46 7H01M 10/48**
[25] EN
[54] **IMPLANTABLE ENERGY MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME DE GESTION D'ENERGIE IMPLANTABLE ET METHODE CORRESPONDANTE**
[72] PROBST, JOSEPH M., US
[72] VALENTA, HARRY L., JR., US
[71] WILSON GREATBATCH TECHNOLOGIES, INC., US
[22] 2002-09-25
[43] 2003-03-25
[30] US (60/324,708) 2001-09-25

[21] **2,405,186**
[13] A1

[51] **Int.Cl. 7B41F 35/00 7B41F 33/00**
[25] EN
[54] **BLANKET WASHING METHOD AND BLANKET WASHING SOLUTION REMOVING METHOD FOR USE IN WEB OFFSET PRINTING PRESS**
[54] **METHODE DE LAVAGE DE BLANCHET ET METHODE D'ENLEVEMENT DE LA SOLUTION DE LAVAGE POUR PRESSE OFFSET A BOBINES**
[72] NAKAYA, YOSHINORI, JP
[72] SENOO, SHINICHIRO, JP
[72] FUJII, SHIGEHIRO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2002-09-25
[43] 2003-03-26
[30] JP (2001-293505) 2001-12-26
[30] JP (2001-289893) 2001-09-26

[21] **2,405,190**
[13] A1

[51] **Int.Cl. 7A61K 9/20 7A61K 33/06 7A61K 45/08 7A61K 47/38**
[25] EN
[54] **SIMETHICONE SOLID ORAL DOSAGE FORM**
[54] **FORME POSOLOGIQUE ORALE SOLIDE DE SIMETHICONE**
[72] WALTER, JAMES T., US
[72] SZYMCAK, CHRISTOPHER E., US
[71] MCNEIL-PPC, INC., US
[22] 2002-09-25
[43] 2003-03-28
[30] US (09/966,441) 2001-09-28

[21] **2,405,202**
[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61K 31/465 7A61K 31/496 7A61K 9/70**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING TWO ACTIVE INGREDIENTS FOR SMOKING CESSATION**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT DEUX PRINCIPES ACTIFS POUR L'ABANDON DU TABAC**
[72] HIRSH, MARK, US
[72] MIDHA, KAMAL K., US
[72] JUNGINGER, HANS E., US
[71] PEIRCE MANAGEMENT, LLC, US
[22] 2002-09-25
[43] 2003-03-25
[30] US (09/962,927) 2001-09-25

[21] **2,405,203**
[13] A1

[51] **Int.Cl. 7B65B 13/18**
[25] EN
[54] **STRAPPING MACHINE WITH STRAPPING HEAD SENSOR**
[54] **MACHINE A CERCLER A TETE DE CERCLAGE EQUIPE D'UN DETECTEUR DE FEUILLARD**
[72] LOPEZ, JONATHAN, US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2002-09-25
[43] 2003-03-28
[30] US (09/966,642) 2001-09-28

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[21] **2,405,210**
[13] A1

[51] **Int.Cl. 7H04R 1/02**
[25] EN
[54] **DEVICE FOR REDUCING STRUCTURAL-ACOUSTICAL COUPLING BETWEEN THE DIAPHRAGM VIBRATION FIELD AND THE ENCLOSURE ACOUSTIC MODES**
[54] **DISPOSITIF POUR REDUIRE LE COUPLAGE ACOUSTIQUE ENTRE LE CHAMP DE VIBRATION DU DIAPHRAGME D'UN HAUT-PARLEUR ET LES MODES ACOUSTIQUES DE SON LOGEMENT**
[72] MOQUIN, PHILIPPE, CA
[72] DEDIEU, STEPHANE, CA
[71] MITEL KNOWLEDGE CORPORATION, CA
[22] 2002-09-25
[43] 2003-03-28
[30] GB (0123451.7) 2001-09-28

[21] **2,405,211**
[13] A1

[51] **Int.Cl. 7G01N 37/00 7G01N 21/25 7G01N 21/78**
[25] EN
[54] **COLORIMETRIC TEST DEVICE WITH REDUCED ERROR**
[54] **DISPOSITIF D'ESSAI COLORIMETRIQUE A ERREUR REDUITE**
[72] YU, YEUNG S., US
[72] PUGH, JERRY T., US
[72] EYSTER, CURT R., US
[72] KIM, PHUONG, US
[71] LIFESCAN, INC., US
[22] 2002-09-25
[43] 2003-03-26
[30] US (09/963,243) 2001-09-26

[21] **2,405,214**
[13] A1

[51] **Int.Cl. 7G01R 15/00 7G01R 1/04**
[25] EN
[54] **CURRENT SENSOR ASSEMBLY**
[54] **DETECTEUR DE COURANT**
[72] HASTINGS, JEROME K., US
[72] LEE, DAVIN R., US
[71] EATON CORPORATION, US
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[43] 2003-03-28
[30] US (09/967,426) 2001-09-28

[21] **2,405,217**
[13] A1

[51] **Int.Cl. 7G07F 17/32 7A63F 13/08**
[25] EN
[54] **ARTICULATING GAMING TERMINALS, SYSTEMS INCLUDING SUCH TERMINALS AND METHODS**
[54] **TERMINAUX DE JEU A ORGANE ARTICULE, SYSTEMES ET METHODES FAISANT APPEL A CE TYPE DE TERMINAUX**
[72] VANCE, DAVID C., US
[72] CANNON, LEE E., US
[72] BINKLEY, WESLEY A., US
[71] ANCHOR GAMING, US
[22] 2002-09-25
[43] 2003-03-27
[30] US (09/966,763) 2001-09-27

[21] **2,405,253**
[13] A1

[51] **Int.Cl. 7H01M 8/00 7H01M 8/04**
[25] EN
[54] **FUEL CELL SYSTEM AND METHOD FOR OPERATING THE SAME**
[54] **SYSTEME A PILES A COMBUSTIBLE ET METHODE D'EXPLOITATION**
[72] BLASZCZYK, JANUSZ, CA
[72] FLECK, WOLFRAM, CA
[71] BALLARD POWER SYSTEMS AG, DE
[22] 2002-09-24
[43] 2003-03-25
[30] EP (01122923.4) 2001-09-25

[21] **2,405,260**
[13] A1

[51] **Int.Cl. 7B60T 13/74**
[25] EN
[54] **DEVICE FOR ACTIVATING TRAILER ELECTRIC WHEEL BRAKES**
[54] **DISPOSITIF DE COMMANDE DES FREINS ELECTRIQUES D'UNE REMORQUE**
[72] ROBERTSON, CHARLES L., US
[72] HEDDING, MICHAEL A., US
[71] HAYES LEMMERZ INTERNATIONAL, INC., US
[22] 2002-09-25
[43] 2003-03-26
[30] US (09/963,845) 2001-09-26

[21] **2,405,275**
[13] A1

[51] **Int.Cl. 7F28F 9/00**
[25] EN
[54] **MOUNTING STRUCTURE**
[54] **STRUCTURE DE MONTAGE**
[72] HASHIZUME, YOSHIHIRO, JP
[72] MURAMATSU, FUMIKAZU, JP
[72] NAKAGAWA, NOBUYA, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2002-09-26
[43] 2003-03-28
[30] JP (2001-298874) 2001-09-28

[21] **2,405,322**
[13] A1

[51] **Int.Cl. 7H04B 7/216 7H04B 15/00 7H04Q 7/36**
[25] EN
[54] **CHANNEL CODE DECODING FOR THE CDMA FORWARD LINK**
[54] **DECODAGE DE CODES DE VOIE POUR LIAISON AVAL AMDC**
[72] MESSIER, GEOFFREY G., CA
[72] KRZYMIEN, WITOLD A., CA
[71] TELECOMMUNICATIONS RESEARCH LABORATORIES, CA
[22] 2002-09-26
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[30] US (60/325,183) 2001-09-28

[21] **2,405,324**
[13] A1

[51] **Int.Cl. 7H01M 8/24 7H01M 8/04**
[25] EN
[54] **FUEL CELL STACKING BODY**
[54] **ENCEINTE DE PILES A COMBUSTIBLE**
[72] KIKUCHI, HIDEAKI, JP
[72] WACHI, DAISUKE, JP
[72] SATO, MASAHIKO, JP
[72] ARIYOSHI, TOSHIKI, JP
[72] FUJII, YOSUKE, JP
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP
[22] 2002-09-26
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[13] A1

[51] **Int.Cl. 7C07D 213/77 7C07D 213/71**
[25] EN
[54] **PROCESS FOR PREPARING ALKANESULFONYL PYRIDINES**
[54] **MODE DE PREPARATION D'ALCANESULFONYLPYRIDINES**
[72] HAAG, DIETER CHRISTIAN, CH
[72] NOWAKOWSKI, JOLANTA, US
[71] PFIZER PRODUCTS INC., US
[22] 2002-09-26
[43] 2003-03-28
[30] US (60/325,648) 2001-09-28

[21] **2,405,329**
[13] A1

[51] **Int.Cl. 7A61M 1/34 7A61F 2/01**
[25] EN
[54] **VASCULAR FILTER SYSTEM WITH ENCAPSULATED FILTER**
[54] **SYSTEME DE FILTRATION VASCULAIRE MUNI D'UN FILTRE ENCAPSULE**
[72] BOUCHER, DON, US
[71] CORDIS CORPORATION, US
[22] 2002-09-26
[43] 2003-03-27
[30] US (09/965,401) 2001-09-27

[21] **2,405,331**
[13] A1

[51] **Int.Cl. 7A61M 25/01 7A61M 5/32**
[25] EN
[54] **SAFETY CATHETER**
[54] **CATHETER DE SECURITE**
[72] WUSCHNER, JOHN F., US
[72] HILLSTRAND, MARK R., US
[72] BIALECKI, DENNIS, US
[71] ETHICON ENDO-SURGERY, INC., US
[22] 2002-09-26
[43] 2003-03-27
[30] US (09/965,427) 2001-09-27

[21] **2,405,334**
[13] A1

[51] **Int.Cl. 7F02B 77/11**
[25] EN
[54] **INSULATED HEAT SHIELD WITH WAVED EDGE**
[54] **BOUCLIER D'ISOLATION THERMIQUE A BORD ONDULE**
[72] MATIAS, CALIN, CA
[72] POPIELAS, FRANK W., US
[72] CHEN, COLIN C., US
[71] DANA CORPORATION, US
[22] 2002-09-26
[43] 2003-03-28
[30] US (09/966,123) 2001-09-28

[21] **2,405,340**
[13] A1

[51] **Int.Cl. 7A47F 3/08**
[25] EN
[54] **PRODUCT DISPLAY AND FRONTING ASSEMBLY**
[54] **PRESENTOIR**
[72] BUSTOS, RAFAEL T., US
[71] L & P PROPERTY MANAGEMENT COMPANY, US
[22] 2002-09-25
[43] 2003-03-25
[30] US (60/324,594) 2001-09-25

[21] **2,405,341**
[13] A1

[51] **Int.Cl. 7B60R 13/02 7H01B 5/14**
[25] EN
[54] **CONDUCTIVE HEADLINER LAYERS**
[54] **GARNITURE DE PAVILLON A COUCHES CONDUCTRICES**
[72] SHIELDS, SCOTT, US
[71] INTIER AUTOMOTIVE INC., CA
[22] 2002-09-26
[43] 2003-03-28
[30] US (60/325,602) 2001-09-28

[21] **2,405,342**
[13] A1

[51] **Int.Cl. 7A61K 31/519 7A61K 38/17 7A61K 38/27 7A61K 31/4375 7A61K 31/4985**
[25] EN
[54] **METHODS OF TREATMENT AND KITS COMPRISING A GROWTH HORMONE SECRETAGOGUE**
[54] **METHODES DE TRAITEMENT ET TROUSSES COMPRENANT UN SECRETAGOGUE D'HORMONE DE CROISSANCE**
[72] CARPINO, PHILIP ALBERT, US
[72] LANDSCHULZ, WILLIAM HARRAS, US
[72] GRIFFITH, DAVID ANDREW, US
[72] HADCOCK, JOHN RICHARD NEVILLE, US
[72] PAN, LYDIA CODETTA, US
[71] PFIZER PRODUCTS INC., US
[22] 2002-09-26
[43] 2003-03-28
[30] US (60/325,921) 2001-09-28

[21] **2,405,343**
[13] A1

[51] **Int.Cl. 7G07F 17/32 7A63F 13/00**
[25] EN
[54] **VIDEO GAMING MACHINE WITH POP-UP WINDOWS**
[54] **MACHINE DE JEU VIDEO A FENETRE FLASH**
[72] TYLMAN, TRICIA A., US
[72] ROOD, STEVEN D., US
[72] JACKSON, JAMES P., US
[71] SIGMA GAME, INC., US
[22] 2002-09-26
[43] 2003-03-28
[30] US (09/968,470) 2001-09-28

[21] **2,405,353**
[13] A1

[51] **Int.Cl. 7H02K 41/02 7G02B 26/08 7G11B 7/09 7G02B 6/42 7G02B 27/62**
[25] EN
[54] **MULTI AXIS COMPONENT ACTUATOR**
[54] **ACTIONNEUR A AXES MULTIPLES**
[72] TRZECIESKI, MIKE, CA
[71] TRZECIESKI, MIKE, CA
[22] 2002-09-26
[43] 2003-03-26
[30] US (60/324,545) 2001-09-26

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[13] A1
[51] **Int.Cl. 7G07F 17/32 7A63F 13/08 7G09F 19/12**
[25] EN
[54] **GAMING DEVICE HAVING A GAME WITH A FUNCTIONAL REFRACTIVE LIGHT DISPLAY**
[54] **DISPOSITIF DE JEU OFFRANT UN JEU A AFFICHAGE LUMINEUX A REFRACTION**
[72] GOINS, JAMIE J., US
[72] BAERLOCHER, ANTHONY J., US
[72] RIFFEL, BRIAN T., US
[72] POWELL, GENE E., US
[71] IGT, US
[22] 2002-09-26
[43] 2003-03-28
[30] US (09/967,267) 2001-09-28

[21] **2,405,374**
[13] A1
[51] **Int.Cl. 7D21F 1/32 7B08B 5/02 7B01D 65/02 7B08B 3/08**
[25] EN
[54] **CLEANING A SEMIPERMEABLE MEMBRANE IN A PAPERMAKING MACHINE**
[54] **NETTOYAGE DE MEMBRANE SEMI-PERMEABLE DE MACHINE A PAPIER**
[72] BECK, DAVID, US
[71] VOITH PAPER PATENT GMBH, DE
[22] 2002-09-26
[43] 2003-03-27
[30] US (09/965,435) 2001-09-27

[21] **2,405,376**
[13] A1
[51] **Int.Cl. 7C08J 9/18 7C08J 9/16**
[25] EN
[54] **ANTI-LUMPING COMPOUNDS FOR USE WITH EXPANDABLE POLYSTYRENE BEADS**
[54] **COMPOSES ANTI-MOTTANTS A UTILISER AVEC LES BILLES DE POLYSTYRENE**
[72] OBER, ROBERT DEAN, US
[72] SCHMIED, BERNHARD, US
[72] WEISENBACH, ERIC R., US
[72] GABBARD, RONALD, US
[71] BASF CORPORATION, US
[22] 2002-09-26
[43] 2003-03-28
[30] US (09/967,103) 2001-09-28
[30] US (10/246,209) 2002-09-18

[21] **2,405,378**
[13] A1
[51] **Int.Cl. 7A61K 31/549 7A61K 31/54**
[25] EN
[54] **STABLE TAUROLIDINE ELECTROLYTE SOLUTIONS**
[54] **SOLUTIONS STABLES D'ELECTROLYTE DE TAUROLIDINE**
[72] PFIRRMANN, ROLF W., CH
[71] ED. GEISTLICH SOEHNE AG FUER CHEMISCHE INDUSTRIE, CH
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[43] 2003-03-26
[30] US (60/324,533) 2001-09-26

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[13] A1
[51] **Int.Cl. 7C01G 51/04 7C01F 11/02 7C01G 49/02 7H01M 8/10**
[25] EN
[54] **COMPLEX OXIDES, OXIDE-ION CONDUCTORS, OXIDE-ION CONDUCTING FILMS AND ELECTROCHEMICAL CELLS**
[54] **OXYDES COMPLEXES, CONDUCTEURS IONIQUES A OXYDES, PELLICULES CONDUCTRICES A BASE D'OXYDES IONISES ET CELLULES ELECTROCHIMIQUES**
[72] SAKAI, HIROAKI, JP
[72] KAWASAKI, SHINJI, JP
[72] YAMAMURA, YOSHIHIKO, JP
[72] KAIGAWA, KAZUYUKI, JP
[71] NGK INSULATORS, LTD., JP
[22] 2002-09-26
[43] 2003-03-28
[30] JP (2001-299268) 2001-09-28
[30] JP (2001-379657) 2001-12-13
[30] JP (2002-220626) 2002-07-30

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[13] A1
[51] **Int.Cl. 7C02F 1/469**
[25] EN
[54] **APPARATUS FOR WATER TREATMENT HAVING ELECTRODEIONIZATION DEVICE**
[54] **APPAREIL DE TRAITEMENT DE L'EAU A DISPOSITIF D'ELECTRODEIONISATION**
[72] MISUMI, YOSHITERU, JP
[71] KURITA WATER INDUSTRIES LTD., JP
[22] 2002-09-26
[43] 2003-03-27
[30] JP (2001-297290) 2001-09-27

[21] **2,405,383**
[13] A1
[51] **Int.Cl. 7H01J 61/30 7H01J 61/78**
[25] EN
[54] **COLD CATHODE FLUORESCENT LAMP WITH A DOUBLE-TUB CONSTRUCTION**
[54] **LAMPE FLUORESCENTE A CATHODE FROIDE BITUBE**
[72] CHOW, SHING CHEUNG, HK
[72] CHOW, LAP LEE, HK
[71] DONGGUAN NAM KWONG ELECTRIC CO., LTD., CHINA, CN
[71] CHOW, SHING CHEUNG, HK
[71] CHOW, LAP LEE, HK
[22] 2002-09-26
[43] 2003-03-29
[30] CN (01141186.4) 2001-09-29

[21] **2,405,387**
[13] A1
[51] **Int.Cl. 7G01N 33/20 7G01N 15/02 7G01N 23/04 7H01J 37/26**
[25] EN
[54] **HIGH-PRECISION METHOD AND APPARATUS FOR EVALUATING CREEP DAMAGE**
[54] **METHODE ET APPAREIL HAUTE PRECISION POUR L'EVALUATION DES DOMMAGES PAR FLUAGE**
[72] KOMAI, NOBUYOSHI, JP
[72] MASUYAMA, FUJIMITSU, JP
[72] KOBAYASHI, MASAHIRO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[22] 2002-09-26
[43] 2003-03-28
[30] JP (2001-300988) 2001-09-28

[21] **2,405,388**
[13] A1
[51] **Int.Cl. 7E05B 15/02**
[25] EN
[54] **STRIKER PLATE FOR RESIDENTIAL DOORS**
[54] **GACHE POUR PORTES DE MAISON D'HABITATION**
[72] STOEHR, FLEK G., US
[71] FG STOEHR BUILDER, US
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[43] 2003-03-27
[30] US (60/325,230) 2001-09-27
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[13] A1

[51] **Int.Cl. 7E21B 43/27**
[25] EN
[54] **METHOD FOR ACID STIMULATING A SUBTERRANEAN WELL FORMATION FOR IMPROVING HYDROCARBON PRODUCTION**
[54] **METHODE DE STIMULATION ACIDE D'UN GISEMENT SOUTERRAIN POUR AMELIORER LA PRODUCTION D'HYDROCARBURES**
[72] CHEN, ALICK, CA
[72] SURJAATMADJA, JIM B., US
[72] REES, MATTHEW J., CA
[72] KHALLAD, ABRAHAM, CA
[72] RISPLER, KEITH, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[71] PETRO-CANADA, CA
[22] 2002-09-27
[43] 2003-03-28
[30] US (09/966,129) 2001-09-28

[21] **2,405,427**
[13] A1

[51] **Int.Cl. 7D21F 3/00**
[25] EN
[54] **CROSS-DIRECTIONAL INTERLOCKING OF ROLLS IN AN AIR PRESS OF A PAPERMAKING**
[54] **VERROUILLAGE TRANSVERSE DES ROULEAUX D'UNE PRESSE A AIR DE MACHINE A PAPIER**
[72] GORSHE, THOMAS, US
[72] BECK, DAVID, US
[71] VOITH PAPER PATENT GMBH, DE
[22] 2002-09-26
[43] 2003-03-27
[30] US (09/965,015) 2001-09-27

[21] **2,405,435**
[13] A1

[51] **Int.Cl. 7F16L 59/02 7F24F 13/00**
[25] EN
[54] **EQUIPMENT AND DUCT LINER INSULATION AND METHOD**
[54] **REVETEMENT ISOLANT DE MATERIEL ET DE CONDUIT ET METHODE D'ISOLATION**
[72] FAY, RALPH MICHAEL, US
[71] JOHNS MANVILLE INTERNATIONAL, INC., US
[22] 2002-09-26
[43] 2003-03-28
[30] US (09/966,020) 2001-09-28

[21] **2,405,447**
[13] A1

[51] **Int.Cl. 7G11B 7/004 7G11B 7/0045**
[25] EN
[54] **METHOD AND APPARATUS FOR RECORDING DATA ON OPTICAL RECORDING MEDIUM**
[54] **METHODE ET APPAREIL D'ENREGISTREMENT DE DONNEES SUR UN SUPPORT OPTIQUE**
[72] OTSUKA, TATSUHIRO, KR
[72] YANG, CHANG-JIN, KR
[72] AHN, YONG-JIN, KR
[72] YOON, DU-SEOP, KR
[72] LEE, KYUNG-GEUN, KR
[72] PARK, IN-SIK, KR
[72] KIM, SEONG-SUE, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[22] 2002-09-26
[43] 2003-03-29
[30] KR (2001-61039) 2001-09-29
[30] KR (2001-80541) 2001-12-18

[21] **2,405,449**
[13] A1

[51] **Int.Cl. 7G01M 7/00 7G01M 1/14 7G05B 19/406**
[25] EN
[54] **DETECTION OF VIBRATIONS IN MECHANICAL SYSTEMS**
[54] **DETECTION DE VIBRATIONS DANS LES INSTALLATIONS MECANIQUES**
[72] BINDER, MIKHAIL, CA
[72] ABRAMCHUK, HEORHI, CA
[72] KISHLYANSKY, LEV, CA
[72] CLUZMAN, MIHEL, CA
[71] OLYMPIA ENGINEERING LIMITED, CA
[22] 2002-09-26
[43] 2003-03-26
[30] GB (0123130.7) 2001-09-26

[21] **2,405,455**
[13] A1

[51] **Int.Cl. 7A61B 17/56 7A61B 17/04**
[25] EN
[54] **ABSORBABLE BONE ANCHOR**
[54] **ANCRE OSSEUSE RESORBABLE**
[72] ARES, PAUL J., US
[72] DONNELLY, LISA M., US
[72] MULLER, STEVEN D., US
[72] REESE, KARL S., US
[72] BARTLETT, EDWIN C., US
[71] ETHICON, INC., US
[22] 2002-09-26
[43] 2003-03-28
[30] US (09/967,473) 2001-09-28

[21] **2,405,460**
[13] A1

[51] **Int.Cl. 7A61B 17/56 7A61F 2/08 7A61B 17/58**
[25] EN
[54] **GRAFT LIGAMENT ANCHOR AND METHOD FOR ATTACHING A GRAFT LIGAMENT TO A BONE**
[54] **ANCRE POUR GREFFE DE LIGAMENT ET METHODE DE FIXATION DU LIGAMENT GREFFE**
[72] HAYS, JO, US
[72] OVERAKER, DAVID, US
[72] SKLAR, JOSEPH H., US
[72] CONTILIANO, JOSEPH, US
[71] ETHICON, INC., US
[22] 2002-09-26
[43] 2003-03-28
[30] US (09/966,766) 2001-09-28

[21] **2,405,467**
[13] A1

[51] **Int.Cl. 7A01K 67/02 7A01K 45/00**
[25] EN
[54] **A METHOD OF PRODUCING AVIAN EGGS AND BIRDS OF GERM-FREE STATUS**
[54] **METHODE POUR PRODUIRE DES OEUF D'OISEAUX ET DES OISEAUX SANS GERME**
[72] MORAN, LEONARD, IE
[71] MORAN, LEONARD, IE
[22] 2002-09-26
[43] 2003-03-26
[30] IE (01650109.0) 2001-09-26

[21] **2,405,516**
[13] A1

[51] **Int.Cl. 7H04R 3/12**
[25] EN
[54] **SYSTEM FOR CONTROLLING REMOTE SPEAKERS USING CENTRALIZED AMPLIFIERS, CENTRALIZED MONITORING AND MASTER/SLAVE COMMUNICATION PROTOCOL**
[54] **SYSTEME DE COMMANDE DE HAUT-PARLEURS ELOIGNES UTILISANT UN AMPLIFICATEUR CENTRAL, UNE SURVEILLANCE CENTRALISEE ET UN PROTOCOLE DE COMMUNICATION MAITRE-ESCLAVES**
[72] NOURSE, JAMES D., US
[72] YOUNDT, KEITH R., US
[71] HUBBELL INCORPORATED, US
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[43] 2003-03-28
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[30] US (10/236,926) 2002-09-09

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[51] Int.Cl. 7A61K 47/36 7C08B 37/00
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[71] MCNEIL-PPC, INC., US
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[21] 2,405,581
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7H01S 3/30
[25] EN
[54] A PROCESS FOR GENERATING
AN OPTICAL RADIATION,
CORRESPONDING SOURCE AND
RAMAN AMPLIFIER INCLUDING
SUCH A SOURCE
[54] METHODE SERVANT A
PRODUIRE UN RAYONNEMENT
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CONNEXE ET AMPLIFICATEUR
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[71] IPG FIBERTECH S.R.L., IT
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TWO-PIECE BONE SCREW
[54] VIS D'OSTEOSYNTHESE A DEUX
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RESORBABLE
[72] TENHUISEN, KEVOR S., US
[72] JANAS, VICTOR F., US
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[25] EN
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[72] STOHLMANN, ERHARD, DE
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[21] 2,405,608
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[54] METHOD AND APPARATUS FOR
ACIDIZING A SUBTERRANEAN WELL
FORMATION FOR IMPROVING
HYDROCARBON PRODUCTION
[54] METHODE ET APPAREILLAGE
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PRODUCTION D'HYDROCARBURES
[72] SURJAATMADJA, JIM B., US
[72] MIDDAGH, RICHARD L., US
[71] HALLIBURTON ENERGY
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[54] SYSTEM AND METHOD OF
CREATING AND MAINTAINING A
REPLICATED NAMING SERVICE TO
SUPPORT A TELECOMMUNICATIONS
NETWORK
[54] SYSTEME ET METHODE DE
CREATION ET DE MAINTENANCE DE
SERVICES DE DESIGNATION
DUPLIQUES POUR RESEAU DE
TELECOMMUNICATION
[72] HOYOS, FRANCISCO RAFAEL
LORENZO, US
[72] CEREJA, NEVTON, US
[71] TYCO TELECOMMUNICATIONS
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[51] Int.Cl. 7E21B 43/22
[25] EN
[54] SYSTEM AND METHOD FOR
FRACTURING A SUBTERRANEAN
WELL FORMATION FOR IMPROVING
HYDROCARBON PRODUCTION
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[72] CHENG, ALICK, CA
[72] RISPLER, KEITH, CA
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TERMINATION VARIABLES
[54] MACHINE DE JEU A VARIABLES
DE TERMINAISON
[72] MEAD, DENNIS K., US
[72] BAERLOCHER, ANTHONY J., US
[72] WEBB, BAYARD S., US
[72] GILLILAND, JOHN G., US
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[25] EN
[54] **GAMING DEVICE HAVING OFFER AND ACCEPTANCE GAME WITH A PLURALITY OF AWARD POOLS, A REVEAL FEATURE, AND A MODIFY FEATURE**
[54] **MACHINE DE JEU A OFFRES DE RECOMPENSES MULTIPLES, A LOTS DE RECOMPENSES MULTIPLES, A OPTION DE DEMASQUAGE ET OPTION DE MODIFICATION**
[72] BAERLOCHER, ANTHONY J., US
[72] SIMMS, RICHARD J., US
[71] IGT, US
[22] 2002-09-27
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[54] **MODULE OPTIQUE ET METHODE DE FORMATION DU MODULE OPTIQUE**
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[71] NIPPON SHEET GLASS CO., LTD., JP
[22] 2002-09-27
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[21] **2,405,647**
[13] A1

[51] **Int.Cl. 7G11B 20/00**
[25] EN
[54] **INFORMATION STORAGE MEDIUM CONTAINING PRELOAD INFORMATION, APPARATUS AND METHOD FOR REPRODUCING THEREFOR**
[54] **SUPPORT DE STOCKAGE D'INFORMATION CONTENANT UNE INFORMATION PRECHARGE, ET APPAREIL ET METHODE DE REPRODUCTION CONNEXES**
[72] CHUNG, HYUN-KWON, KR
[72] KO, JUNG-WAN, KR
[72] HEO, JUNG-KWON, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **COMPOSITIONS D'HUILE DE LUBRIFICATION**
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[72] STRICKLAND, KEITH, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
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[30] EP (01308354.8) 2001-09-28

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[54] **A GAS ENGINE LUBRICATING OIL COMPOSITION**
[54] **COMPOSITION DE LUBRIFIANT DE MOTEUR A ESSENCE**
[72] OWEN, YOLANDA, GB
[72] CHAMBARD, LAURENT, GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
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[54] **OPTICAL FILTER, LASER MODULE, AND WAVELENGTH LOCKER MODULE**
[54] **FILTRE OPTIQUE, MODULE LASER ET MODULE DE VERROUILLAGE DE LONGUEUR D'ONDE**
[72] NOMURA, TAKEHIKO, JP
[72] NASU, HIDEYUKI, JP
[72] NISHI, YASUHIRO, JP
[71] THE FURUKAWA ELECTRIC CO., LTD., JP
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[54] **BAGGAGE SCREENING SYSTEM**
[54] **SYSTEME DE CONTROLE DES BAGAGES**
[72] MORRELL, LAURENCE, GB
[71] LOGAN FABRICOM LIMITED, GB
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[54] **SEALING DEVICE**
[54] **DISPOSITIF D'ETANCHEITE**
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[71] JOHNSON & JOHNSON KABUSHIKI KAISHA, JP
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[51] **Int.Cl. 7B65H 37/00**
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[54] **DEVICE FOR CUTTING OUT AN ARTICLE FROM A LONG TAPE AND ADHERING THE ARTICLE TO AN ADHESIVE TAPE**
[54] **DISPOSITIF A DECOUPER UN ARTICLE DANS UN RUBAN ET A COLLER L'ARTICLE DECOUPE SUR UN RUBAN ADHESIF**
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[54] **LIQUID CONTAINER AND INK
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EMPLOYING LIQUID CONTAINER**
[54] **CONTENANT A LIQUIDE ET
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[72] KOSHIKAWA, HIROSHI, JP
[72] SHIMIZU, EIICHIRO, JP
[72] HATASA, NOBUYUKI, JP
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[13] A1

[51] **Int.Cl. 7F24H 9/06**
[25] EN
[54] **ADJUSTABLE FURNACE LEGS**
[54] **PATTES D'APPAREIL DE**
CHAUFFAGE REGLABLES
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[71] FITZGERALD, JAMES E., US
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[51] **Int.Cl. 7A47K 10/42**
[25] EN
[54] **GRAVITY-FEED DISPENSER AND**
METHOD OF DISPENSING INTER-
FOLDED NAPKINS
[54] **DISTRIBUTEUR GRAVITAIRE ET**
METHODE DE DISTRIBUTION DE
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[72] CHRISTENSEN, JAMES B., US
[72] MOODY, JOHN R., US
[71] FORT JAMES CORPORATION, US
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[30] US (60/325,618) 2001-09-28
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[25] EN
[54] **HOG FACILITY MANAGEMENT**
SYSTEM AND METHOD
[54] **SYSTEME ET METHODE DE**
GESTION DE PORCHERIE
[72] SCHICK, PAUL, US
[71] SCHICK, PAUL, US
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[30] US (09/966,952) 2001-09-28

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[25] EN
[54] **APPARATUS AND METHOD FOR**
IMPROVING QUALITY OF ELEVATED
CONCRETE FLOORS
[54] **APPAREIL ET METHODE**
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DES PLANCHERS SURELEVES EN
BETON
[72] TIPPING, ELDON, US
[72] KIERANEN, CARL B., US
[72] STEIN, RUSS, US
[72] PIETILA, MARK A., US
[72] QUENZI, PHILIP J., US
[71] DELAWARE CAPITAL
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[54] **DISTRIBUTED NETWORK MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE GESTION DE RESEAU DISTRIBUE**
[72] METCALF, LEIGH, US
[72] CARLSON, JOHN, US
[72] HINDERLITER, TIM, US
[71] INTERNAP NETWORK SERVICES CORPORATION, US
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[25] EN
[54] **PROCESS AND SYSTEM FOR TREATMENT OF WASTE STREAMS CONTAINING WATER-SOLUBLE POLYMERS**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DES EAUX RESIDUAIRES CONTENANT DES POLYMERES HYDROSOLUBLES**
[72] CHISHOLM, ROBERT, US
[72] BECK, DEBRAH A., US
[72] JOHNSTON, JORDAN M., US
[72] STEWARD, JOHN B., US
[71] ISOLYSER COMPANY, INC., US
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[30] US (60/166,680) 1999-11-19
[30] US (09/515,982) 2000-02-25

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[54] **METHODS, SYSTEMS, AND APPARATUSSES FOR SECURE INTERACTIONS**
[54] **PROCEDES, SYSTEMES ET APPAREILS POUR INTERACTIONS SECURISEES**
[72] SINGER, BART A., US
[72] PETKA, DAVID, US
[72] JOHNSON, BARRY, US
[72] RUSSELL, DAVID, US
[71] TRANSFORMING TECHNOLOGIES, INC., US
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[25] EN
[54] **TEMPORARY FLOATATION STABILIZATION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE STABILISATION DE FLOTTAISON TEMPORAIRE**
[72] ZURBUCHEN, BRUCE, US
[72] HUANG, EDWARD, US
[72] SAMUEL, SHAJI, US
[72] GIORGI, VINCE, US
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[54] **DYNAMIC SERIES VOLTAGE COMPENSATOR AND METHOD THEREOF**
[54] **COMPENSATEUR DE TENSION SERIE DYNAMIQUE ET PROCEDE D'UTILISATION**
[72] HEE, PAK KHIAN, SG
[72] CORNICK, KEITH JOSEPH, SG
[72] LI, HONGQUN, SG
[71] SP SYSTEMS PTE LTD., SG
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[54] **BELT BUCKLE**
[54] **BOUCLE DE CEINTURE**
[72] SCHMITZ, HANS-JORG, DE
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[86] 2001-04-26 (PCT/DE2001/001585)
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[25] EN
[54] **METHOD AND DEVICE FOR THE MONITORING OF GASES**
[54] **PROCEDE ET DISPOSITIF DE CONTROLE DE GAZ**
[72] BRASEL, ECKHARD, DE
[72] SASUM, UTE, DE
[71] BRASEL, ECKHARD, DE
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[54] **CHEVILLE DE VISSAGE EN FORME DE DOUILLE SERVANT A TARAUDER**

[72] REITER, STEFAN, LI
[71] PAMA REITER STEFAN, LI
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[54] **APPAREIL DE STOCKAGE REPLIABLE POUR COMPARTIMENTS A BAGAGES DE VEHICULES**

[72] JANKOWSKI, ERIC, CA
[72] GEHRING, THOMAS F.J., CA
[72] FLAMAN, BRIAN, CA
[72] HAVIDIC, DEJAN, CA
[71] COLLINS & AIKMAN PLASTICS, INC., US
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[13] A1

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[54] **POUDRE POUR CONDENSATEUR**
[72] REICHERT, KARLHEINZ, DE
[72] SCHNITTER, CHRISTOPH, DE
[71] H.C. STARCK GMBH, DE
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[30] DE (100 30 387.0) 2000-06-21

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[25] EN
[54] **THE PREPARATION METHOD OF A STABLE POLYMER AQUEOUS PHASE-AQUEOUS PHASE EMULSION AND ITS USE**
[54] **PREPARATION DE SUSPENSION AQUEUSE STABLE MACROMOLECULAIRE EN PHASE LIQUIDE-LIQUIDE**

[72] TUO, JIN, CN
[72] CHEN, LI, CA
[72] ZHU, HUA, US
[71] TUO, JIN, CN
[71] CHEN, LI, CA
[71] ZHU, HUA, US
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[54] **AZO ORANGE PIGMENT COMPOSITION**
[54] **COMPOSITION DE PIGMENT ORANGE AZOIQUE**

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[72] CHISHOLM, GREIG, GB
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
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[13] A1

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[25] EN
[54] **HEAT-TRANSFER FLUID CONTAINING NANO-PARTICLES AND CARBOXYLATES**
[54] **FLUIDE CALOPORTEUR CONTENANT DES NANOPARTICULES ET DES CARBOXYLATES**

[72] LIBOT, CECILE, BE
[72] ROOSE, PETER, BE
[72] MAES, JEAN-PIERRE, BE
[72] LIEVENS, SERGE, BE
[71] TEXACO DEVELOPMENT CORPORATION, US
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[13] A1

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[25] EN
[54] **AMBIENT TEMPERATURE CURING COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT DURCISSANT A LA TEMPERATURE AMBIANTE**

[72] NIXON, STEVE ALISTER, GB
[71] INTERNATIONAL COATINGS LIMITED, GB
[85] 2002-12-19
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[87] 2001-12-27 (WO2001/098419)
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[13] A1

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[25] FR
[54] **DISPOSITIF OPTOELECTRONIQUE A FILTRAGE DE LONGUEUR D'ONDE INTEGRE**
[54] **OPTOELECTRONIC DEVICE WITH INTEGRATED WAVELENGTH FILTERING**

[72] GARRIGUES, MICHEL, FR
[72] LECLERCQ, JEAN-LOUIS, FR
[72] VIKTOROVITCH, PIERRE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[30] FR (00/08434) 2000-06-29

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[54] **PROCESS FOR THE PREPARATION OF ENANTIOMERICALLY PURE PYRETHROID INSECTICIDES**
[54] **PROCESSUS DE PREPARATION D'INSECTICIDES PYRETHROIDES ENANTIOMERIQUEMENT PURS**
[72] BROWN, STEPHEN MARTIN, GB
[72] GOTT, BRIAN DAVID, GB
[71] SYNGENTA LIMITED, GB
[85] 2002-12-18
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[87] 2002-01-24 (WO2002/006202)
[30] GB (0017617.2) 2000-07-18

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[25] EN
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[54] **SYSTEME DE LIAISON DESTINE A LA FIXATION RIGIDE D'AU MOINS DEUX ELEMENTS**
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[71] INDUO GESELLSCHAFT ZUR VERWERTUNG VON SCHUTZRECHTEN MBH & CO. KG., DE
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[30] DE (100 29 343.3) 2000-06-20

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[13] A1

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[72] JONES, DAVID LLEWELLYN, GB
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[54] **REACTEUR NUCLEAIRE DU TYPE A LIT DE BOULETS**
[72] DAVIES, MARK ANDREW, ZA
[71] ESKOM, ZA
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[30] ZA (00/3277) 2000-06-29

[21] **2,413,500**
[13] A1

[51] **Int.Cl. 7G06T 11/00**
[25] EN
[54] **GRAPHICS DATA GENERATING METHOD, GRAPHICS GENERATING APPARATUS AND COMPONENTS THEREOF**
[54] **PROCEDE DE CREATION DE DONNEES GRAPHIQUES, ET APPAREIL DE CREATION DE GRAPHIQUES ET SES COMPOSANTS**
[72] OKA, MASAOKI, JP
[71] SONY COMPUTER ENTERTAINMENT INC., JP
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[87] 2002-02-21 (WO2002/015126)
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[13] A1

[51] **Int.Cl. 7G11B 7/085**
[25] EN
[54] **FOCUS CONTROL DEVICE AND FOCUS CONTROL METHOD**
[54] **DISPOSITIF DE COMMANDE DE FOCALISATION ET PROCEDE DE COMMANDE DE FOCALISATION**
[72] KOBAYASHI, TOSHIKAZU, JP
[71] SONY COMPUTER ENTERTAINMENT INC., JP
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[13] A1

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[25] EN
[54] **METHOD AND APPARATUS FOR CONTROLLING MOVEMENT OF OBJECTIVE LENS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE MAITRISER LE DEPLACEMENT DE LENTILLE D'OBJECTIF**
[72] KOBAYASHI, TOSHIKAZU, JP
[71] SONY COMPUTER ENTERTAINMENT INC., JP
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PARAHDROXYBENZOIC ACID OR
PARAHDROXYBENZOIC ESTER AND
PROCESS FOR PRODUCING THE
SAME**
[54] **GRANULE D'ACIDE
PARAHDROXYBENZOIQUE OU
D'ESTER D'ACIDE
PARAHDROXYBENZOIQUE ET SON
PROCEDE DE PRODUCTION**
[72] UENO, RYUZO, JP
[72] KITTAKA, MASAHARU, JP
[72] KITAYAMA, MASAYA, JP
[72] IZUMICHI, NOBUTAKA, JP
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[13] A1

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[25] EN
[54] **METHOD AND APPARATUS OF
PROTECTING EXPLOSIVES**
[54] **PROCEDE ET APPAREIL DE
PROTECTION D'EXPLOSIFS**
[72] BEHRMANN, LAWRENCE A., US
[72] FAYARD, ALFREDO, US
[72] VENERUSO, ANTHONY F., US
[72] LANDS, JACK F., JR., US
[72] JONES, CLAUDE D., US
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[72] KOTHARI, MANISH, US
[71] SCHLUMBERGER TECHNOLOGY
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[30] US (09/596,612) 2000-06-19

[21] **2,413,536**
[13] A1

[51] **Int.Cl. 7A47B 11/00 7A47B 13/00
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[54] **TABLE AUTOPORTANTE**
[72] HELLE, ADNE, NO
[71] HELLE, ADNE, NO
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[13] A1

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[25] EN
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[54] **CENTREUR**
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[71] HERRERA, DEREK FREDERICK, GB
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[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
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[54] **SYSTEME ET PROCEDE DE
TRANSACTIONS EN MONNAIES
MULTIPLES**
[72] SHALGI, ZELIG, IL
[72] ISHAI, MIKI, IL
[72] TAL, YUVAL, IL
[72] CARMON, EYAL, IL
[72] KOMEM, OFER, IL
[71] E4X INC., US
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[30] US (09/597,461) 2000-06-19

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[13] A1

[51] **Int.Cl. 7A61K 9/20 7A61K 9/48**
[25] EN
[54] **USE OF DICALCIUM PHOSPHATE
ANHYDRIDE POWDER**
[54] **UTILISATION DE DICALCIUM
PHOSPHATE ANHYDRIDE EN
POUDRE**
[72] JOHN, SILKE GEB. KRATZMANN,
DE
[72] FISCHER, ERHARD, DE
[72] SCHEUER, GERHARD, DE
[72] MALLMANN, STEFAN, DE
[72] MEVEN, JURGEN, DE
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[30] DE (100 32 434.7) 2000-07-04

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[13] A1

[51] **Int.Cl. 7C07D 215/22 7A61P 35/00
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[25] EN
[54] **METHODS AND COMPOUNDS
FOR INHIBITING MRP1**
[54] **PROCEDES ET COMPOSES
D'INHIBITION DU MRP1**
[72] BONJOUKLIAN, ROSANNE, US
[72] YORK, JEREMY SCHULENBURG,
US
[71] ELI LILLY AND COMPANY, US
[85] 2002-12-18
[86] 2001-06-12 (PCT/US2001/010849)
[87] 2002-01-03 (WO2002/000624)
[30] US (60/213,380) 2000-06-23

[21] **2,413,580**
[13] A1

[51] **Int.Cl. 7G01G 19/02**
[25] EN
[54] **PLATE FOR A WEIGHING BRIDGE**
[54] **PLATEAU DE PESEE POUR PONT-
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[72] ERIKSEN, KNUD LUND, DK
[72] LUND, NIELS-VERNER, DK
[71] ERIKSEN, KNUD LUND, DK
[71] LUND, NIELS-VERNER, DK
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[87] 2001-12-27 (WO2001/098739)
[30] DK (BA 2000 00211) 2000-06-20

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[21] **2,413,582**
[13] A1

[51] **Int.Cl. 7A61K 31/00 7A61P 31/02
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[54] **USE OF A SPLA2 INHIBITOR FOR
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[54] **METHODE DE TRAITEMENT DE
L'INFECTION**

[72] MACIAS, WILLIAM LOUIS, US
[72] LOH, ANDREW, US
[72] SKERJANEC, SIMONA, US
[71] ELI LILLY AND COMPANY, US
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[86] 2001-06-29 (PCT/US2001/016509)
[87] 2002-01-24 (WO2002/005796)
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[30] US (60/256,398) 2000-12-18

[21] **2,413,602**
[13] A1

[51] **Int.Cl. 7C04B 28/04 7C04B 24/00
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[25] FR
[54] **LIANT RAPIDE POUR BETON
AUTOCOMPACTANT, UTILISATION
ET APPLICATIONS D'UN TEL LIANT**
[54] **QUICK BINDER FOR SELF-
COMPACTING CONCRETE, USE AND
APPLICATIONS OF SAME**

[72] REVAIS, CATHERINE, FR
[72] MAREZ, CHRISTIAN, FR
[72] GAUDRY, LAURENT, FR
[71] LAFARGE ALUMINATES, FR
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[13] A1

[51] **Int.Cl. 7C23C 22/07**

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[54] **IMPROVED PHOSPHATING
OPERATION**

[54] **OPERATION DE
PHOSPHATATION AMELIOREE**

[72] KELLY, TIMM L., US
[72] CUYLER, BRIAN B., US
[72] MEAGHER, KEVIN K., US
[71] HENKEL
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AKTIEN, DE
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[87] 2001-12-20 (WO2001/096627)
[30] US (60/212,205) 2000-06-16

[21] **2,413,592**
[13] A1

[51] **Int.Cl. 7H01L 21/316 7H01L 21/3105**

[25] EN
[54] **METHOD TO RESTORE
HYDROPHOBICITY IN DIELECTRIC
FILMS AND MATERIALS**

[54] **PROCEDE PERMETTANT DE
CONFERER DES PROPRIETES
HYDROPHOBES A DES FILMS
DIELECTRIQUES ET A DES
MATERIAUX ENDOMMAGES**

[72] HACKER, NIGEL P., US
[72] THOMAS, MICHAEL, US
[72] DRAGE, JAMES S., US
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[30] US (60/214,219) 2000-06-23

[21] **2,413,634**
[13] A1

[51] **Int.Cl. 7G01N 30/00**

[25] EN
[54] **METHOD AND APPARATUS FOR
COMBINED MAGNETOPHORETIC
AND DIELECTROPHORETIC
MANIPULATION OF ANALYTE
MIXTURES**

[54] **PROCEDE ET DISPOSITIF
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MANIPULATIONS PAR
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DIELECTROPHORESE DANS LE CAS
DE MELANGES D'ANALYSATS**

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[72] GASCOYNE, PETER R. C., US
[72] VYKOUKAL, JODY, US
[71] BOARD OF REGENTS, THE
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[30] US (60/211,757) 2000-06-14

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[13] A1

[51] **Int.Cl. 7F26B 21/06 7F26B 3/00
7F26B 19/00 7B01D 53/02 7B01D 59/26**

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[54] **PROCESS DEHUMIDIFIER
REGENERATION CONTROL METHOD
AND APPARATUS**

[54] **PROCEDE ET APPAREIL DE
REGULATION DE REGENERATION
POUR DESHUMIDIFICATEUR**

[72] CRAWFORD, ROBERT R., US
[71] UNIVERSAL DYNAMICS, INC., US
[85] 2002-12-16
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[87] 2001-12-20 (WO2001/096798)
[30] US (60/211,973) 2000-06-16

[21] **2,413,657**
[13] A1

[51] **Int.Cl. 7G10L 21/00**

[25] EN
[54] **SPEECH RECOGNITION
CAPABILITY FOR A PERSONAL
DIGITAL ASSISTANT**
[54] **DISPOSITIF DE
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ASSISTANT NUMERIQUE**

[72] MAULT, JAMES R., US
[71] HEALTHETECH, INC., US
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[30] US (60/212,319) 2000-06-16

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[13] A1

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[25] EN
[54] **FUSED CYCLIC COMPOUNDS AS MODULATORS OF NUCLEAR HORMONE RECEPTOR FUNCTION**
[54] **MODULATEURS CYCLIQUES CONDENSES DE LA FONCTION DU RECEPTEUR HORMONAL NUCLEAIRE**
[72] SALVATI, MARK E., US
[72] SHAN, WEIFANG, US
[72] GIESE, SOREN, US
[72] BALOG, JAMES AARON, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[87] 2002-01-03 (WO2002/000653)
[30] US (60/214,392) 2000-06-28
[30] US (60/284,617) 2001-04-18
[30] US (60/284,438) 2001-04-18

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[13] A1

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[25] EN
[54] **LIGHTING CIRCUIT, LIGHTING SYSTEM METHOD AND APPARATUS, SOCKET ASSEMBLY, LAMP INSULATOR ASSEMBLY AND COMPONENTS THEREOF**
[54] **CIRCUIT D'ECLAIRAGE, PROCEDE ET DISPOSITIF POUR SYSTEME D'ECLAIRAGE, ENSEMBLE DOUILLE, ENSEMBLE ISOLATEUR DE LAMPE ET COMPOSANTS S'Y INTEGRANT**
[72] CALDERON, RAYMUNDO, US
[72] RUBINO, JAMES, US
[72] CALDERON, FERNANDO, US
[72] RICHARDSON, RICHARD J., US
[72] NAZARIAN, JOHN, US
[72] LESLIE, FLOYD R., US
[71] ANTHONY, INC., US
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[87] 2002-01-03 (WO2002/001680)
[30] US (09/604,780) 2000-06-26

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[13] A1

[51] **Int.Cl. 7G06F 17/10**
[25] EN
[54] **TRACK MODEL CONSTRAINT FOR GPS POSITION**
[54] **MODELE DE POURSUITE PERMETTANT DE DELIMITER UNE POSITION GPS**
[72] MCGUFFIN, JAMES O., US
[72] HONEY, STANLEY K., US
[72] FENTON, PATRICK C., CA
[72] FORD, THOMAS J., CA
[71] SPORTVISION, INC., US
[85] 2002-12-18
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[87] 2002-01-03 (WO2002/001244)
[30] US (60/213,684) 2000-06-23
[30] US (60/295,310) 2001-06-01

[21] **2,413,693**
[13] A1

[51] **Int.Cl. 7H04J 14/02**
[25] EN
[54] **BI-DIRECTIONAL WAVELENGTH DIVISION MULTIPLEXING/ DEMULTIPLEXING DEVICES**
[54] **DISPOSITIFS BIDIRECTIONNELS DE MULTIPLEXAGE/ DEMULTIPLEXAGE EN LONGUEUR D'ONDE**
[72] WADE, ROBERT K., US
[71] LIGHTCHIP, INC., US
[85] 2002-12-18
[86] 2001-06-27 (PCT/US2001/020389)
[87] 2002-01-03 (WO2002/001777)
[30] US (09/605,162) 2000-06-27

[21] **2,413,696**
[13] A1

[51] **Int.Cl. 7A61F 7/00 7F28D 20/02**
[25] EN
[54] **APPARATUS, SYSTEMS, AND METHODS FOR WARMING MATERIALS**
[54] **APPAREIL, SYSTEMES, ET PROCEDES DE CHAUFFAGE DE MATERIAUX**
[72] SOLOVAY, KENNETH, US
[72] LAYER, JAMES H., US
[72] JACOBS, THOMAS, US
[72] FINE, MICHAEL, US
[72] SMITH, GREGORY M., US
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[87] 2002-01-31 (WO2002/007656)
[30] US (60/219,958) 2000-07-20
[30] US (60/276,216) 2001-03-15

[21] **2,413,700**
[13] A1

[51] **Int.Cl. 7F21V 8/00**
[25] EN
[54] **BACKLIGHT WITH STRUCTURED SUFACES**
[54] **RETROECLAIRAGE A SURFACES STRUCTUREES**
[72] GARDINER, MARK E., US
[72] COBB, SANDFORD, US
[72] KRETMAN, WADE D., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2002-12-18
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[87] 2002-01-17 (WO2002/004858)
[30] US (09/613,313) 2000-07-11

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[13] A1

[51] **Int.Cl. 7F23Q 2/28**
[25] EN
[54] **IGNITION OPERATING MECHANISM FOR SLIDE TYPE LIGHTERS**
[54] **MECANISME D'ALLUMAGE DE BRIQUETS A SYSTEME COULISSANT**
[72] MOCHIZUKI, TETSUYA, JP
[72] SUZUKI, TAKAYUKI, JP
[71] TOKAI CORPORATION, JP
[85] 2002-11-18
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[87] 2002-11-18 (WO2002/066897)
[30] JP (2001-41284) 2001-02-19
[30] JP (2002-40333) 2002-02-18

[21] **2,413,724**
[13] A1

[51] **Int.Cl. 7F01N 1/24**
[25] EN
[54] **A MULTIPLE LAYER FIBER FILLED SOUND ABSORBER AND A METHOD OF MANUFACTURING THE SAME**
[54] **SILENCIEUX REMPLI DE FIBRES MULTICOUCHE ET SON PROCEDE DE FABRICATION**
[72] KNUTSSON, GORAN K., SE
[72] COFER, CAMERON G., US
[72] KOMORI, KUNIO, JP
[72] SAKAI, YUKIHIRO, JP
[71] OWENS CORNING, US
[71] FUTABA INDUSTRIAL COMPANY, LTD., JP
[71] OWENS-CORNING SWEDEN AB, SE
[85] 2002-12-18
[86] 2001-07-11 (PCT/US2001/021990)
[87] 2002-01-24 (WO2002/006643)
[30] US (09/620,279) 2000-07-18

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[21] **2,413,726**
[13] A1

[51] **Int.Cl. 7C08L 83/04**
[25] EN
[54] **ABSORBING COMPOUNDS FOR SPIN-ON GLASS ANTI-REFLECTIVE COATINGS FOR PHOTOLITHOGRAPHY**
[54] **COMPOSES ABSORBANTS POUR COUCHES ANTIREFLET SOG DE PHOTOLITHOGRAPHIE**
[72] RICHEY, MARY, US
[72] DRAGE, JAMES, US
[72] WU, HUI-JUNG, US
[72] SPEAR, RICHARD, US
[72] BALDWIN, TERESA, US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2002-12-18
[86] 2001-07-12 (PCT/US2001/022232)
[87] 2002-01-24 (WO2002/006402)
[30] US (09/617,365) 2000-07-17

[21] **2,413,749**
[13] A1

[51] **Int.Cl. 7C07C 253/30 7C07C 213/02 7C07C 215/08 7C07C 255/12 7C07C 255/13**
[25] EN
[54] **PROCESS FOR MAKING 3-HYDROXYALKANENITRILES AND HYDROXYAMINOALKANES**
[54] **PROCEDE RELATIF A L'ELABORATION DE 3-HYDROXYALKANENITRILES ET A LA CONVERSION DE 3-HYDROXYALKANENITRILE EN HYDROXYAMINOALKANE**
[72] HERKES, FRANK E., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2002-12-18
[86] 2001-07-30 (PCT/US2001/023828)
[87] 2002-02-14 (WO2002/012173)
[30] US (60/223,038) 2000-08-04
[30] US (09/916,604) 2001-07-27

[21] **2,413,762**
[13] A1

[51] **Int.Cl. 7A61K 31/00**
[25] EN
[54] **COMPOUNDS FOR THE TREATMENT OF ADDICTIVE DISORDERS**
[54] **COMPOSES POUR LE TRAITEMENT DE TROUBLES TOXICOMANOGENES**
[72] MCBRINN, SYLVIA S., US
[72] MARSHALL, ROBERT C., US
[72] ANDERSON, RICHARD W., US
[72] ROBERTSON, DAVID W., US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2002-12-18
[86] 2001-08-13 (PCT/US2001/025603)
[87] 2002-02-21 (WO2002/013807)
[30] US (60/225,714) 2000-08-16
[30] US (60/263,610) 2001-01-23

[21] **2,413,748**
[13] A1

[51] **Int.Cl. 7C07C 51/265 7C07C 63/04 7C07C 63/06 7C07C 63/15 7C07C 63/26 7C07C 63/38**
[25] EN
[54] **PRODUCTION OF AROMATIC CARBOXYLIC ACIDS**
[54] **PRODUCTION D'ACIDES CARBOXYLIQUES AROMATIQUES**
[72] WOODCOCK, DUNCAN C., GB
[72] POLIAKOFF, MARTYN, GB
[72] GRAHAM, DEREK ALEXANDER, GB
[72] HAMLEY, PAUL ANTHONY, GB
[72] ILKENHANS, THOMAS, GB
[72] OLIVER, RAYMOND, GB
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2002-12-18
[86] 2001-07-17 (PCT/US2001/022474)
[87] 2002-01-24 (WO2002/006201)
[30] US (60/219,388) 2000-07-19
[30] US (09/905,094) 2001-07-13

[21] **2,413,750**
[13] A1

[51] **Int.Cl. 7H01M 4/04 7C09D 7/00**
[25] FR
[54] **COMPOSITION, METHODE ET DISPOSITIF POUR L'APPLICATION D'UN REVETEMENT SUR UN SUPPORT**
[54] **COMPOSITION, METHOD AND DEVICE FOR APPLYING A COATING ON A SUPPORT**
[72] MASSE, MONIQUE, CA
[72] GUERFI, ABDELBAST, CA
[72] BROCHU, FERNAND, CA
[72] ZAGHIB, KARIM, CA
[71] HYDRO-QUEBEC, CA
[85] 2002-12-16
[86] 2001-06-15 (PCT/CA2001/000897)
[87] 2001-12-20 (WO2001/097303)
[30] CA (2,312,213) 2000-06-15

[21] **2,413,763**
[13] A1

[51] **Int.Cl. 7H04N 5/00**
[25] EN
[54] **METHODS AND SYSTEMS FOR CONTROLLING CONSUMER ELECTRONICS EXTERNAL DEVICES VIA DATA DELIVERED TO A DEVICE**
[54] **PROCEDES ET SYSTEMES DE COMMANDE DE DISPOSITIFS ELECTRONIQUES GRAND PUBLIC EXTERIEURS A L'AIDE DE DONNEES FOURNIES A UN DISPOSITIF**
[72] DURDEN, GEORGE A., US
[71] BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, US
[71] STEFANIK, JOHN R., US
[85] 2002-12-19
[86] 2001-03-16 (PCT/US2001/008465)
[87] 2001-12-27 (WO2001/099435)
[30] US (60/213,058) 2000-06-21
[30] US (60/214,529) 2000-06-27
[30] US (60/231,180) 2000-09-07
[30] US (09/752,267) 2000-12-29

[21] **2,413,751**
[13] A1

[51] **Int.Cl. 7C07C 2/32**
[25] EN
[54] **CONTINUOUS MANUFACTURING PROCESS FOR .ALPHA.-OLEFINS**
[54] **PROCEDE DE FABRICATION CONTINUE D'ALPHA-OLEFINES**
[72] SCHIFFINO, RINALDO S., US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2002-12-18
[86] 2001-08-03 (PCT/US2001/024297)
[87] 2002-02-14 (WO2002/012151)
[30] US (60/222,786) 2000-08-03

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[21] **2,413,764**
[13] A1

[51] **Int.Cl. 7B65G 59/00 7B05C 11/00**
[25] EN
[54] **METHODS AND APPARATUS FOR DISPENSING LABELS**
[54] **PROCEDES ET APPAREIL DE DISTRIBUTION D'ETIQUETTES**
[72] WIEN, THOMAS M., US
[71] SEED COMPANY, LTD., JP
[85] 2002-12-18
[86] 2002-04-29 (PCT/US2002/013506)
[87] 2002-11-14 (WO2002/090224)
[30] US (60/288,406) 2001-05-03

[21] **2,413,775**
[13] A1

[51] **Int.Cl. 7A61K 31/4706**
[25] EN
[54] **A COMBINATION KIT USED IN THE TREATMENT OF MALARIA CONTAINING CHLOROQUINE AND 3-(1-(((4-((6-METHOXY-8-QUINOLINYL)AMINO)PENTYL)AMINO)-ETHYLIDENE)-DIHYDRO-2(3H)FURANONE ENTHALT**
[54] **KIT DE COMBINAISON UTILISE DANS LE TRAITEMENT DU PALUDISME COMPRENANT DE LA CHLOROQUINE ET LE 3-(1-(((4-((6-METHOXY-8-QUINOLINYL)AMINO)PENTYL)AMINO)-ETHYLIDENE)-DIHYDRO-2(3H)FURANONE ENTHALT**
[72] PRATAP, RAM, IN
[72] PURI, SUNIL KUMAR, IN
[72] SRIVASTAVA, SUDHIR, IN
[72] DUTTA, GURU PRASAD, IN
[72] DWIVEDI, ANIL KUMAR, IN
[72] PANDEY, VIKASH CHANDRA, IN
[72] BHADURI, AMIYA PRASAD, IN
[72] PIRAMAL, SWATI AJAY, IN
[72] GUPTA, RAM CHANDRA, IN
[72] THAPLIYAL, HARSH PATI, IN
[72] SRIVASTAVA, JAGDISHWAR SAHAI, IN
[72] SINGH, SHIO KUMAR, IN
[72] PINTO, FRANCIS JOSEPH, IN
[72] ASTHANA, OMKAR PRASAD, IN
[72] SINGH, SATYAWAN, IN
[72] SRIVASTAVA, PRATIMA, IN
[71] COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, IN
[71] NICHOLAS PIRAMAL INDIA LIMITED, IN
[85] 2002-11-25
[86] 2000-08-30 (PCT/IN2000/000081)
[87] 2001-12-06 (WO2001/091535)
[30] IN (501/MUM/2000) 2000-05-31

[21] **2,413,777**
[13] A1

[51] **Int.Cl. 7A01K 1/03**
[25] EN
[54] **IVC RACK SYSTEM AND METHOD FOR DETECTING INFECTIOUS PARTICLES WITHIN AN IVC RACK SYSTEM**
[54] **SYSTEME DE RAYONNAGES POUR CAGES DU TYPE MICRO-ISOLATEURS A AERATION INDIVIDUELLE ET PROCEDE DE DETECTION DES PARTICULES INFECTIEUSES DANS UN TEL SYSTEME DE RAYONNAGES**
[72] SCHMIDT, JORG, DE
[72] BRIELMEIER, MARKUS, DE
[71] GSF-FORSCHUNGSZENTRUM FUR UMWELT UND GESUNDHEIT GMBH, DE
[85] 2002-11-25
[86] 2000-06-06 (PCT/EP2000/005199)
[87] 2001-12-06 (WO2001/091543)
[30] DE (100 26 208.2) 2000-05-26

[21] **2,413,779**
[13] A1

[51] **Int.Cl. 7H04N 7/16**
[25] EN
[54] **SYSTEM AND METHOD FOR FORMULATING, DELIVERING AND MANAGING DATA CONCERNING PROGRAMMING CONTENT AND PORTIONS THEREOF**
[54] **SYSTEME ET PROCEDE D'ELABORATION, DE DISTRIBUTION ET DE GESTION DE DONNEES CONCERNANT UN CONTENU DE PROGRAMMATION ET DES COMPOSANTS DE CE DERNIER**
[72] DURDEN, GEORGE A., US
[72] STEFANIK, JOHN R., US
[72] SWIX, SCOTT R., US
[71] BELLSOUTH INTELLECTUAL PROPERTY CORPORATION, US
[85] 2002-12-19
[86] 2001-05-24 (PCT/US2001/017131)
[87] 2001-12-27 (WO2001/099416)
[30] US (60/213,058) 2000-06-21
[30] US (60/214,529) 2000-06-27
[30] US (60/231,180) 2000-09-07
[30] US (09/751,702) 2000-12-29
[30] US (09/751,809) 2000-12-29

[21] **2,413,780**
[13] A1

[51] **Int.Cl. 7A46D 3/00 7B32B 3/02 7D05C 15/04 7A47K 7/04 7A47L 17/08**
[25] EN
[54] **UNIVERSAL CLEANING AND POLISHING PAD**
[54] **TAMPON UNIVERSEL DE POLISSAGE ET DE NETTOYAGE**
[72] BISHOP, DEFOREST, US
[71] BISHOP, DEFOREST, US
[85] 2002-11-25
[86] 2000-05-26 (PCT/US2000/014725)
[87] 2001-12-06 (WO2001/091606)

[21] **2,413,794**
[13] A1

[51] **Int.Cl. 7E21B 47/12**
[25] EN
[54] **INDUCTIVELY COUPLED METHOD AND APPARATUS OF COMMUNICATING WITH WELLBORE EQUIPMENT**
[54] **PROCEDE COUPLE DE MANIERE INDUCTIVE ET APPAREIL DE COMMUNICATION AVEC UN EQUIPEMENT DE Puits DE FORAGE**
[72] BROCKMAN, MARK W., US
[72] OHMER, HERVE, US
[72] MALONE, DAVID L., US
[71] SCHLUMBERGER TECHNOLOGY CORPORATION, US
[85] 2002-12-18
[86] 2001-06-13 (PCT/US2001/019020)
[87] 2001-12-27 (WO2001/098632)
[30] US (60/212,278) 2000-06-19
[30] US (09/784,651) 2001-02-15
[30] US (09/859,944) 2001-05-17

[21] **2,413,795**
[13] A1

[51] **Int.Cl. 7F02P 3/04 7F02P 11/00 7H01F 27/04**
[25] EN
[54] **IGNITION COIL WITH DRIVER**
[54] **BOBINE D'ALLUMAGE DOTEE D'UN CONDUCTEUR**
[72] MARRS, THOMAS C., US
[71] MARRS, THOMAS C., US
[85] 2002-12-18
[86] 2001-06-14 (PCT/US2001/019046)
[87] 2001-12-27 (WO2001/098652)
[30] US (09/596,369) 2000-06-19

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[21] **2,413,804**
[13] A1

[51] **Int.Cl. 7B29D 11/00 7B29C 37/00**
[25] EN
[54] **PROCESS FOR THE AUTOMATED MANUFACTURE OF SPECTACLE LENSES**
[54] **PROCEDE DE FABRICATION AUTOMATIQUE DE VERRES DE LUNETTES**
[72] ALTON, MICHELE L., US
[72] HAMBLIN, STEVEN, US
[72] GUPTA, AMITAVA, US
[72] BLUM, RONALD, US
[72] KOK, RON, NL
[72] HOMPUS, MICHAEL, NL
[72] BISHOP, JOSEPH A., US
[72] ULLOA, JOSE, US
[72] MENEZES, EDGAR V., US
[72] BASHAM, ELBERT, US
[72] KOKONASKI, WILLIAM, US
[72] DOGAN, ERIC, US
[72] MERRITT, JAMES, US
[72] FOSTER, CHARLES, US
[72] NUNEZ, IVAN, US
[72] VAN NUNEN, JACK, NL
[72] VAN DOORN, EDWARD, NL
[72] EVERS, MARC, NL
[72] SEKHARIPURAM, VENKAT, US
[72] BOULAY, DAN, US
[72] MARCEAU, GARY, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2002-11-25
[86] 2000-12-15 (PCT/US2000/034155)
[87] 2001-12-06 (WO2001/091994)
[30] US (09/579,048) 2000-05-26

[21] **2,413,809**
[13] A1

[51] **Int.Cl. 7A61K 7/16 7A61K 31/085 7A61K 7/26 7A61K 35/78**
[25] EN
[54] **SYNERGISTIC ANTIPLAQUE/ ANTIGINGIVITIS ORAL COMPOSITION**
[54] **COMPOSITION BUCCALE SYNERGIQUE AGISSANT CONTRE LA PLAQUE DENTAIRE ET LA GINGIVITE**
[72] XU, TAO, US
[72] GAFFAR, ABDUL, US
[72] HERLES, SUSAN M., US
[72] SCHERL, DALE S., US
[71] COLGATE-PALMOLIVE, US
[85] 2002-11-05
[86] 2001-05-09 (PCT/US2001/014956)
[87] 2001-11-15 (WO2001/085116)
[30] US (09/568,114) 2000-05-10

[21] **2,413,811**
[13] A1

[51] **Int.Cl. 7B32B 27/34 7B32B 27/28 7B32B 27/30**
[25] EN
[54] **HIGH MODULUS, MULTILAYER FILM**
[54] **FILM MULTICOUCHE A HAUT MODULE**
[72] HOFMEISTER, FRANK M., US
[72] KENNEDY, THOMAS D., US
[72] SATTERWHITE, PAUL J., US
[71] CRYOVAC, INC., US
[85] 2002-11-01
[86] 2001-05-17 (PCT/US2001/016091)
[87] 2001-12-06 (WO2001/092011)
[30] US (09/583,853) 2000-05-31

[21] **2,413,814**
[13] A1

[51] **Int.Cl. 7A61B 17/88**
[25] EN
[54] **PUSH-CONNECTION FOR THE DETACHABLE CONNECTION OF TWO BODIES, IN PARTICULAR A PEDICLE SCREW AND A SCREWDRIVER**
[54] **CONNEXION ENFICHABLE POUR JONCTION AMOVIBLE DE DEUX ELEMENTS, EN PARTICULIER UNE VIS A CHAPITEAU ET UN TOURNEVIS**
[72] HESS, MARTIN, CH
[72] SCHLAPFER, FRIDOLIN, CH
[71] SYNTHES (U.S.A.), US
[85] 2002-12-12
[86] 2000-05-11 (PCT/CH2000/000263)
[87] 2002-12-12 (WO2001/085043)

[21] **2,413,837**
[13] A1

[51] **Int.Cl. 7G06F 17/00**
[25] EN
[54] **SYSTEM AND METHOD FOR SCHEDULING EVENTS AND ASSOCIATED PRODUCTS AND SERVICES**
[54] **SYSTEME ET PROCEDE DESTINES A PROGRAMMER DES EVENEMENTS ET PRODUITS ET SERVICES ASSOCIES**
[72] MATRANGA, JOHN J., US
[72] BREITENBACH, MATTHEW, US
[72] LOW, MARY, US
[71] ARAMARK CORPORATION, US
[85] 2002-12-19
[86] 2001-06-19 (PCT/US2001/019468)
[87] 2001-12-27 (WO2001/098933)
[30] US (60/212,704) 2000-06-19
[30] US (09/883,540) 2001-06-18

[21] **2,413,843**
[13] A1

[51] **Int.Cl. 7B21C 23/00 7B21C 43/00**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCTION OF A CONTINUOUSLY EXTRUDED PRODUCT**
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION D'UN PRODUIT EXTRUDE EN CONTINU**
[72] HAWKES, DANIEL JOHN, GB
[71] BWE LIMITED, GB
[85] 2002-11-22
[86] 2000-10-19 (PCT/GB2000/004036)
[87] 2002-04-25 (WO2002/032595)

[21] **2,413,847**
[13] A1

[51] **Int.Cl. 7A61F 2/24 7A61L 27/58**
[25] EN
[54] **DEVICE FOR SHRINKING OR REINFORCING THE HEART VALVULAR ORIFICES**
[54] **DISPOSITIF POUR RETRECIR ET/ OU RENFORCER LES ORIFICES VALVULAIRES DU COEUR**
[72] ANDRIEU, RAYMOND, CH
[72] KALANGOS, AFKSENDIYOS, CH
[72] LE GOFF, PHILIPPE, CH
[71] BIORING S.A., CH
[71] KALANGOS, AFKSENDIYOS, CH
[85] 2002-11-22
[86] 2000-11-07 (PCT/IB2000/001605)
[87] 2001-11-29 (WO2001/089426)
[30] IB (PCT/IB00/00707) 2000-05-25

[21] **2,413,863**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD AND SYSTEM FOR INTELLIGENT SUPPLY CHAIN COLLABORATION**
[54] **PROCEDE DE SYSTEME DE COLLABORATION INTELLIGENTE POUR CHAINE DE PRODUCTION-DISTRIBUTION**
[72] HOSMER, DOUGLAS M., US
[72] GEDDES, NORMAN D., US
[71] APPLIED SYSTEMS INTELLIGENCE, INC., US
[85] 2002-12-18
[86] 2001-06-21 (PCT/US2001/019652)
[87] 2001-12-27 (WO2001/099008)
[30] US (09/598,239) 2000-06-21

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[21] **2,413,867**
[13] A1

[51] **Int.Cl. 7H04B 15/00**
[25] EN
[54] **NOISE REDUCTION METHOD AND APPARATUS**

[54] **PROCEDE ET APPAREIL DE REDUCTION DU BRUIT**

[72] TURNBULL, JAMES M., US

[72] BRUMITT, MARCIA R., US

[71] JABRA CORPORATION, US

[85] 2002-12-18

[86] 2001-06-19 (PCT/US2001/019672)

[87] 2001-12-27 (WO2001/099390)

[30] US (09/596,700) 2000-06-19

[21] **2,413,873**
[13] A1

[51] **Int.Cl. 7H02H 3/05 7G06F 15/16 7G06F 15/173**

[25] EN

[54] **METHOD AND SYSTEM FOR PROVIDING INTELLIGENT NETWORK MANAGEMENT**

[54] **PROCEDE ET SYSTEME POUR REALISER LA GESTION D'UN RESEAU INTELLIGENT**

[72] GEDDES, NORMAN D., US

[71] APPLIED SYSTEMS

INTELLIGENCE, INC., US

[85] 2002-12-18

[86] 2001-06-21 (PCT/US2001/019713)

[87] 2001-12-27 (WO2001/099251)

[30] US (09/598,971) 2000-06-22

[21] **2,413,875**
[13] A1

[51] **Int.Cl. 7G06F 17/60 7G06N 5/00**
[25] EN

[54] **METHOD AND SYSTEM FOR DYNAMIC BUSINESS PROCESS MANAGEMENT USING A PARTIAL ORDER PLANNER**

[54] **PROCEDE ET SYSTEME DE GESTION D'OPERATIONS COMMERCIALES UTILISANT UN PLANIFICATEUR A ORDRE PARTIEL**

[72] HOSMER, DOUGLAS M., US

[72] GEDDES, NORMAN D., US

[71] APPLIED SYSTEMS

INTELLIGENCE, INC., US

[85] 2002-12-18

[86] 2001-06-21 (PCT/US2001/019716)

[87] 2001-12-27 (WO2001/099011)

[30] US (09/598,750) 2000-06-22

[21] **2,413,878**
[13] A1

[51] **Int.Cl. 7C07D 333/56 7A61P 19/02 7C07D 309/06 7A61P 11/06 7A61P 17/06 7A61K 31/09 7C07D 409/10 7C07D 413/10 7C07D 417/10 7A61P 3/10 7A61P 9/10 7A61K 31/12 7C07D 333/16 7A61K 31/381 7A61K 31/4184 7A61K 31/423 7C07D 317/44 7A61K 31/498 7A61K 31/517 7C07C 49/577 7C07C 59/70**

[25] EN

[54] **1,3-BIS-(SUBSTITUTED-PHENYL)-2-PROPEN-1-ONES AND THEIR USE TO TREAT VCAM-1 MEDIATED DISORDERS**

[54] **1,3-BIS-(PHENYL SUBSTITUE)-2-PROPENE-1-ONES ET LEUR UTILISATION DANS LE TRAITEMENT DES TROUBLES VEHICULES PAR VCAM-1**

[72] MENG, CHARLES Q., US

[72] SIKORSKI, JAMES A., US

[72] HOONG, LEE K., US

[72] NI, LIMING, US

[71] ATHEROGENICS, INC., US

[85] 2002-12-18

[86] 2001-06-20 (PCT/US2001/019720)

[87] 2001-12-27 (WO2001/098291)

[30] US (60/212,769) 2000-06-20

[30] US (60/255,934) 2000-12-15

[21] **2,413,879**
[13] A1

[51] **Int.Cl. 7H04L 29/12 7H04L 29/06**

[25] EN

[54] **METHOD AND APPARATUS FOR GENERATING A CONNECTION IDENTIFICATION**

[54] **PROCEDE ET APPAREIL PERMETTANT DE GENERER UNE IDENTIFICATION DE CONNEXION**

[72] SAIRANEN, JUSSI-PEKKA, FI

[72] HIPPELAINEN, LASSI, FI

[71] NOKIA CORPORATION, FI

[85] 2002-11-25

[86] 2000-05-31 (PCT/EP2000/005011)

[87] 2001-12-06 (WO2001/093540)

[21] **2,413,888**
[13] A1

[51] **Int.Cl. 7C23F 11/18**

[25] EN

[54] **CORROSION CONTROL UTILIZING A HYDROGEN PEROXIDE DONOR**

[54] **PROTECTION CONTRE LA CORROSION UTILISANT UN DONNEUR DE PEROXYDE D'HYDROGENE**

[72] MARTIN, ROY, US

[71] UNITED STATES FILTER CORPORATION, US

[85] 2002-12-18

[86] 2001-06-21 (PCT/US2001/019783)

[87] 2001-12-27 (WO2001/098558)

[30] US (09/603,764) 2000-06-22

[21] **2,413,935**
[13] A1

[51] **Int.Cl. 7H04Q 11/04**

[25] FR

[54] **REGIE DANS UNE INSTALLATION TERMINALE PRIVATIVE EN MODE ATM**

[54] **CONTROL UNIT IN A PRIVATE ATM TERMINAL INSTALLATION**

[72] RAMEL, GILLES, FR

[72] COAT, REGIS, FR

[72] BOURGART, FABRICE, FR

[72] LE CORRE, BRUNO, FR

[71] FRANCE TELECOM, FR

[85] 2002-12-16

[86] 2001-10-01 (PCT/FR2001/003030)

[87] 2002-04-11 (WO2002/030149)

[30] FR (00/12903) 2000-10-06

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[21] **2,413,938**
[13] A1

[51] **Int.Cl. 7A61M 16/00 7A61M 16/08 7A61M 39/10**
[25] EN
[54] **BREATHING ASSISTANCE APPARATUS**
[54] **APPAREIL D'ASSISTANCE RESPIRATOIRE**
[72] SMITH, NICHOLAS CHARLES ALLAN, NZ
[72] NIGHTINGALE, CHRIS EARL, NZ
[72] HAYCOCK, MARK JOSEPH, NZ
[72] GRADON, LEWIS GEORGE, NZ
[72] MAHON, DANIEL, NZ
[72] MCAULEY, ALASTAIR EDWIN, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2002-11-22
[86] 2001-06-14 (PCT/NZ2001/000110)
[87] 2001-12-20 (WO2001/095965)
[30] NZ (505154) 2000-06-14
[30] NZ (505156) 2000-06-14
[30] NZ (509039) 2000-12-20
[30] NZ (510520) 2001-03-12

[21] **2,413,939**
[13] A1

[51] **Int.Cl. 7C08F 8/00**
[25] EN
[54] **FUNCTIONALIZED ISOBUTYLENE-POLYENE COPOLYMERS AND DERIVATIVES THEREOF**
[54] **COPOLYMERES D'ISOBUTYLENE-POLYENE FONCTIONNALISES ET DERIVES DESDITS COPOLYMERES**
[72] KOLP, CHRISTOPHER J., US
[72] BURRINGTON, JAMES D., US
[72] BARTLEY, STUART L., US
[72] PIKE, PHILIP W., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2002-12-19
[86] 2001-06-21 (PCT/US2001/019785)
[87] 2001-12-27 (WO2001/098387)
[30] US (60/213,290) 2000-06-22

[21] **2,413,965**
[13] A1

[51] **Int.Cl. 7G01P 15/00**
[25] EN
[54] **ACCELEROMETER WITH FOLDED BEAMS**
[54] **ACCELEROMETRE A FAISCEAUX REPLIES**
[72] SELVAKUMAR, ARJUN, US
[72] YU, LIANZHONG, US
[72] JONES, BEN, W., US
[72] YU, DULI, US
[71] INPUT/OUTPUT, INC., US
[85] 2002-12-18
[86] 2001-06-21 (PCT/US2001/019796)
[87] 2001-12-27 (WO2001/098786)
[30] US (60/212,997) 2000-06-21
[30] US (60/217,609) 2000-07-11

[21] **2,413,970**
[13] A1

[51] **Int.Cl. 7C10M 105/36**
[25] EN
[54] **ACYLATING AGENTS AND DISPERSANTS FOR LUBRICATING OIL AND FUELS**
[54] **AGENTS D'ACYLATION ET DISPERSANTS POUR HUILES LUBRIFIANTES ET COMBUSTIBLES**
[72] BARTLEY, STUART L., US
[72] YODICE, RICHARD, US
[72] BURRINGTON, JAMES D., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2002-12-19
[86] 2001-06-21 (PCT/US2001/019816)
[87] 2001-12-27 (WO2001/098439)
[30] US (60/213,347) 2000-06-22

[21] **2,413,979**
[13] A1

[51] **Int.Cl. 7C08F 8/00 7C08C 19/00 7C10M 129/00 7C10L 1/18 7C10M 133/52**
[25] EN
[54] **DISPERSANT-VISCOSITY IMPROVERS FOR LUBRICATING OILS AND FUELS**
[54] **AGENTS AMELIORANTS DE DISPERSION ET DE VISCOSITE DESTINES A DES HUILES LUBRIFIANTES ET A DES CARBURANTS**
[72] LANGE, RICHARD M., US
[72] VARGO, DANIEL M., US
[72] BARTLEY, STUART L., US
[71] THE LUBRIZOL CORPORATION, US
[85] 2002-12-19
[86] 2001-06-21 (PCT/US2001/019880)
[87] 2001-12-27 (WO2001/098440)
[30] US (60/213,281) 2000-06-22

[21] **2,413,984**
[13] A1

[51] **Int.Cl. 7G08C 15/08 7E21B 47/00 7G08C 15/00 7H04L 1/00 7G01V 3/00 7H04L 23/02 7E21B 34/06 7H04J 3/06 7G01R 31/08 7G08C 15/12 7H04L 5/12 7H04J 3/14 7H04J 1/16 7H04L 12/26 7H04L 27/36**
[25] EN
[54] **BURST QAM DOWNHOLE TELEMETRY SYSTEM**
[54] **SYSTEME TELEMETRIQUE DE FOND A MODULATION D'AMPLITUDE EN QUADRATURE DU TYPE RAFALES**
[72] WEI, MICHAEL, US
[72] TRAINOR, WILLIAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2002-12-18
[86] 2001-06-22 (PCT/US2001/019900)
[87] 2001-12-27 (WO2001/098618)
[30] US (09/599,343) 2000-06-22

[21] **2,414,001**
[13] A1

[51] **Int.Cl. 7C07F 13/00**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF MANGANESE COMPLEXES OF SALEN COMPOUNDS**
[54] **PROCEDE DE PREPARATION DE COMPLEXES MANGANESE DE COMPOSES DE TYPE SALENE**
[72] BECK, GERHARD, DE
[72] KORHUMMEL, CLAUS, DE
[72] BAIER, HANSPETER, DE
[72] LINDE, REINER, CH
[72] MAKOWKA, CORNELIA, DE
[72] BACHMANN, FRANK, DE
[72] KIRRMANN, BERND, DE
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
[85] 2002-11-25
[86] 2001-06-26 (PCT/EP2001/007265)
[87] 2002-01-10 (WO2002/002571)
[30] EP (00810589.2) 2000-07-05

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[21] **2,414,003**
[13] A1

[51] **Int.Cl. 7H01M 8/02 7H01M 8/24**
[25] EN
[54] **DEVICE FOR ELECTRICALLY CONTACTING ELECTRODES IN HIGH-TEMPERATURE FUEL CELLS**
[54] **DISPOSITIF DE MISE EN CONTACT ELECTRIQUE D'ELECTRODES DANS DES CELLULES A COMBUSTIBLE HAUTE TEMPERATURE**
[72] MEULENBERG, WILHELM ALBERT, NL
[72] DE HAART, LAMBERTUS GERARDUS JOHANNES, NL
[72] BATFALSKY, PETER, DE
[71] FORSCHUNGSZENTRUM JULICH GMBH, DE
[85] 2002-12-03
[86] 2001-05-19 (PCT/DE2001/001922)
[87] 2002-12-03 (WO2001/095416)
[30] DE (100 27 311.4) 2000-06-05

[21] **2,414,004**
[13] A1

[51] **Int.Cl. 7C08K 5/521 7C08J 9/00 7C08K 5/00 7C08L 75/04 7C09K 21/14 7C08K 5/5353**
[25] EN
[54] **FLAME RETARDANT BLEND FOR INTUMESCENT FLEXIBLE POLYURETHANE FOAM**
[54] **MELANGE IGNIFUGE POUR MOUSSE DE POLYURETHANNE SOUPLE INTUMESCENTE**
[72] PINZONI, EMANUEL, US
[71] AKZO NOBEL N.V., NL
[85] 2002-12-19
[86] 2001-06-22 (PCT/US2001/019924)
[87] 2001-12-27 (WO2001/098401)
[30] US (60/213,515) 2000-06-22

[21] **2,414,006**
[13] A1

[51] **Int.Cl. 7A01K 15/02**
[25] EN
[54] **AUTOMATIC HORSE TRAINING SYSTEM**
[54] **SYSTEME D'ENTRAINEMENT DE CHEVAUX AUTOMATIQUE**
[72] KURT, MEHMET, TR
[71] KURT, MEHMET, TR
[85] 2002-12-03
[86] 2000-09-01 (PCT/TR2000/000048)
[87] 2001-12-27 (WO2001/097606)
[30] TR (2000/01863) 2000-06-22
[30] TR (2000/2265) 2000-08-02

[21] **2,414,037**
[13] A1

[51] **Int.Cl. 7C12N 15/11 7A01H 5/08 7C12N 5/10 7C12N 1/21 7C12N 15/82**
[25] EN
[54] **DNA SEQUENCE REGULATING PLANT FRUIT-SPECIFIC EXPRESSION**
[54] **SEQUENCE D'ADN REGULANT L'EXPRESSION SPECIFIQUE AUX FRUITS**
[72] HIRATA, AYAKO, JP
[72] AIZONO, YASUO, JP
[72] YAMAGATA, HIROSHI, JP
[71] KANEKA CORPORATION, JP
[85] 2002-11-27
[86] 2000-12-01 (PCT/JP2000/008505)
[87] 2002-11-27 (WO2001/094575)
[30] JP (2000/165664) 2000-06-02

[21] **2,414,050**
[13] A1

[51] **Int.Cl. 7C08F 10/02 7C08F 210/02 7C08L 23/06 7C08L 23/08 7C08J 5/18 7B32B 27/32 7C08F 2/34**
[25] EN
[54] **METALLOCENE-PRODUCED VERY LOW DENSITY POLYETHYLENES**
[54] **POLYETHYLENES TRES BASSE DENSITE PRODUITS PAR CATALYSE METALLOCENIQUE**
[72] FARLEY, JAMES M., US
[72] MALAKOFF, ALAN M., US
[72] PANAGOPOULOUS, GEORGE, US
[72] LAURENT, DOUGLAS J., US
[72] JOHNSON, JERRY M., US
[72] HALLE, RICHARD W., US
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2002-12-19
[86] 2001-06-22 (PCT/US2001/020076)
[87] 2001-12-27 (WO2001/098372)
[30] US (60/213,571) 2000-06-22
[30] US (60/243,208) 2000-10-25
[30] US (60/270,802) 2001-02-23
[30] US (60/278,560) 2001-03-23
[30] US (60/278,315) 2001-03-23
[30] US (60/278,567) 2001-03-23

[21] **2,414,067**
[13] A1

[51] **Int.Cl. 7C07F 7/22**
[25] EN
[54] **FLUOROUS TIN COMPOUNDS AND METHODS OF USING FLUOROUS TIN COMPOUNDS**
[54] **COMPOSES D'ETAIN FLUORES ET PROCEDES D'UTILISATION DE COMPOSES D'ETAIN FLUORES**
[72] CURRAN, DENNIS P., US
[72] LUO, ZHIYONG, US
[71] UNIVERSITY OF PITTSBURGH, US
[85] 2002-12-19
[86] 2001-06-22 (PCT/US2001/020127)
[87] 2001-12-27 (WO2001/098312)
[30] US (09/602,105) 2000-06-22

[21] **2,414,071**
[13] A1

[51] **Int.Cl. 7E21B 43/00 7E21B 43/22 7E21B 43/24**
[25] EN
[54] **WELL MAINTENANCE EQUIPMENT AND PROCEDURE**
[54] **PROCEDURE ET EQUIPEMENT DE MAINTENANCE DE Puits**
[72] MANSUY, NEIL, US
[71] SUBSURFACE TECHNOLOGIES, INC, US
[85] 2002-12-18
[86] 2000-06-20 (PCT/US2000/017043)
[87] 2001-12-27 (WO2001/098628)

[21] **2,414,073**
[13] A1

[51] **Int.Cl. 7G01N 33/543 7A61B 5/00 7G01N 33/50 7G01N 33/547 7G01N 33/573 7G01N 33/68 7G01N 33/92**
[25] EN
[54] **DIAGNOSTIC MARKERS OF ACUTE CORONARY SYNDROMES AND METHODS OF USE THEREOF**
[54] **MARQUEURS DIAGNOSTIQUES DE SYNDROMES CORONAIRES AIGUS ET LEURS METHODES D'UTILISATION**
[72] BUECHLER, KENNETH F., US
[72] KIRCHICK, HOWARD, US
[72] DAHLEN, JEFFREY R., US
[72] VALKIRS, GUNARS E., US
[71] BIOSITE, INC., US
[85] 2002-12-16
[86] 2002-05-04 (PCT/US2002/014219)
[87] 2002-11-14 (WO2002/089657)
[30] US (60/288,871) 2001-05-04
[30] US (60/315,642) 2001-08-28

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<p style="text-align: right;">[21] 2,414,090 [13] A1</p> <p>[51] Int.Cl. 7H04B 7/10 7H04B 7/02 [25] EN [54] IMPROVED DIVERSITY COVERAGE [54] MEILLEURE COUVERTURE DE LA DIVERSITE [72] WEISSMAN, HAIM, IL [72] YONA, ELI, IL [71] QUALCOMM INCORPORATED, US [85] 2002-12-18 [86] 2001-06-18 (PCT/US2001/041052) [87] 2001-12-27 (WO2001/099467) [30] US (09/596,955) 2000-06-19</p>	<p style="text-align: right;">[21] 2,414,114 [13] A1</p> <p>[51] Int.Cl. 7A61K 7/46 [25] EN [54] PERFUME COMPOSITION AND CLEANING COMPOSITIONS COMPRISING THE PERFUME COMPOSITION [54] COMPOSITION DE PARFUM ET COMPOSITIONS DE NETTOYAGE RENFERMANT LA COMPOSITION DE PARFUM [72] LIU, ZAIGOU, US [72] KAISER, CARL ERIC, US [72] FOLEY, PETER ROBERT, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2002-12-19 [86] 2000-07-13 (PCT/US2000/019078) [87] 2002-01-24 (WO2002/005772)</p>	<p style="text-align: right;">[21] 2,414,133 [13] A1</p> <p>[51] Int.Cl. 7C11D 3/43 7C11D 7/50 [25] EN [54] CLEANING COMPOSITION COMPOSITION DE LAVAGE [72] GHOSH, CHANCHAL KUMAR, US [72] JORDAN, GLENN THOMAS IV, US [72] ALAM, ELIZABETH ANN, US [72] KAPUR, NEHA, GB [72] DENOME, FRANK WILLIAM, US [72] CAMPBELL, MAIRI, GB [72] KASTURI, CHANDRIKA, US [72] SONG, BRIAN XIAOQING, US [72] SCHEPER, WILLIAM MICHAEL, US [72] BENNIE, BRENDA FRANCES, GB [72] KINLOCH, JAMES IAIN, GB [71] THE PROCTER & GAMBLE COMPANY, US [85] 2002-12-19 [86] 2000-12-21 (PCT/US2000/034908) [87] 2002-01-31 (WO2002/008375) [30] US (PCT/US00/19619) 2000-07-19 [30] US (PCT/US00/20255) 2000-07-25</p>
<p style="text-align: right;">[21] 2,414,094 [13] A1</p> <p>[51] Int.Cl. 7A61K 35/78 7A61P 3/00 7A61P 9/00 7A61P 15/00 7A61P 25/00 7A61P 29/00 [25] EN [54] PHARMACEUTICAL PREPARATIONS OF BIOACTIVE SUBSTANCES EXTRACTED FROM NATURAL SOURCES [54] PREPARATIONS PHARMACEUTIQUES DE SUBSTANCES BIOACTIVES EXTRAITES DE SOURCES NATURELLES [72] ASHRAF-KHORASSANI, MEHDI, US [72] TAYLOR, LARRY, US [72] MARTIN, MICHAEL Z., US [71] ARMADILLO PHARMACEUTICALS, INC., US [85] 2002-11-25 [86] 2000-05-25 (PCT/US2000/014503) [87] 2000-12-07 (WO2000/072861) [30] US (60/136,409) 1999-05-27 [30] US (09/408,922) 1999-09-30 [30] US (09/518,191) 2000-03-03</p>	<p style="text-align: right;">[21] 2,414,126 [13] A1</p> <p>[51] Int.Cl. 7H04L 12/28 7H04Q 7/38 7H04L 12/56 [25] EN [54] VEHICULAR TELEMETRY MOBILES [54] TELEMETRIE POUR POSTES MOBILES [72] NATHANSON, MARTIN DANIEL, CA [72] NADER, FREDERICK, US [71] PAXGRID TELEMETRIC SYSTEMS INC., US [85] 2002-12-16 [86] 2000-06-19 (PCT/CA2000/000712) [87] 2000-12-28 (WO2000/079727) [30] US (60/139,573) 1999-06-17 [30] US (60/148,270) 1999-08-11 [30] US (60/187,022) 2000-03-06 [30] US (09/556,289) 2000-04-24</p>	<p style="text-align: right;">[21] 2,414,140 [13] A1</p> <p>[51] Int.Cl. 7C11D 3/43 7C11D 7/50 [25] EN [54] CLEANING COMPOSITION COMPOSITION DE LAVAGE [72] KAPUR, NEHA, GB [72] CAMPBELL, MAIRI, GB [72] BENNIE, BRENDA FRANCES, GB [72] KINLOCH, JAMES IAIN, GB [72] ALAM, ELIZABETH ANN, US [72] DENOME, FRANK WILLIAM, US [72] KASTURI, CHANDRIKA, US [72] SONG, BRIAN XIAOQING, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2002-12-19 [86] 2000-12-21 (PCT/US2000/034909) [87] 2002-01-31 (WO2002/008376) [30] US (PCT/US00/19619) 2000-07-19 [30] US (PCT/US00/20255) 2000-07-25</p>

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,414,143 [13] A1</p> <p>[51] Int.Cl. 7A61B 3/16 [25] EN [54] METHOD AND DEVICE FOR DETERMINING THE INTRAOCULAR PRESSURE, BY MEASURING THE CHANGING OF THE FREQUENCY CHARACTERISTICS [54] PROCEDE ET DISPOSITIF DE DETERMINATION DE LA PRESSION INTRA-OCULAIRE EN MESURANT LE CHANGEMENT DES COURBES DE RESONANCE [72] EKLUND, ANDERS, SE [72] LINDAHL, OLOF, SE [71] BIORESONATOR AB, SE [85] 2002-12-18 [86] 2000-08-24 (PCT/SE2000/001628) [87] 2001-03-08 (WO2001/015594) [30] SE (9903099-1) 1999-08-31</p>	<p style="text-align: right;">[21] 2,414,168 [13] A1</p> <p>[51] Int.Cl. 7A61B 17/70 [25] EN [54] PERCUTANEOUS VERTEBRAL FUSION SYSTEM [54] SYSTEME DE FUSION VERTEBRALE PERCUTANEE [72] TEITELBAUM, GEORGE P., US [71] UNIVERSITY OF SOUTHERN CALIFORNIA, US [85] 2002-12-19 [86] 2000-12-21 (PCT/US2000/034855) [87] 2002-01-03 (WO2002/000126) [30] US (60/213,385) 2000-06-23</p>	<p style="text-align: right;">[21] 2,414,193 [13] A1</p> <p>[51] Int.Cl. 7G06F 19/00 [25] EN [54] METHOD FOR ENCHANCING RESOLUTION OF ELASTIC WAVE VELOCITIES BY ISOLATING A WAVE EVENT IN LITHOGRAPHIC FORMATION [54] PROCEDE SERVANT A AMELIORER LA RESOLUTION DE VITESSES D'ONDES ELASTIQUES PAR ISOLATION D'UN EVENEMENT ONDULATOIRE DANS UNE FORMATION LITHOGRAPHIQUE [72] ZHANG, TIANRUN, US [72] TANG, XIAOMING, US [71] BAKER HUGHES INCORPORATED, US [85] 2002-12-19 [86] 2001-06-07 (PCT/US2001/018439) [87] 2001-12-27 (WO2001/099026) [30] US (09/597,022) 2000-06-20</p>
<p style="text-align: right;">[21] 2,414,149 [13] A1</p> <p>[51] Int.Cl. 7F42B 12/34 [25] EN [54] CAPTIVE SOFT-POINT BULLET [54] BALLE A POINT MOU CAPTIF [72] HEAD, LAWRENCE P., US [72] PILARSKI, CRAIG S., US [72] BURCZYNSKI, THOMAS J., US [71] FEDERAL CARTRIDGE COMPANY, US [85] 2002-12-19 [86] 2000-08-02 (PCT/US2000/021080) [87] 2001-12-27 (WO2001/098729) [30] US (09/597,017) 2000-06-20</p>	<p style="text-align: right;">[21] 2,414,179 [13] A1</p> <p>[51] Int.Cl. 7G10H 7/00 [25] EN [54] METHOD AND APPARATUS FOR COMPRESSED CHAOTIC MUSIC SYNTHESIS [54] PROCEDE ET APPAREIL PERMETTANT LA SYNTHESE DE MUSIQUE CHAOTIQUE COMPRESSEE [72] SHORT, KEVIN M., US [72] HUSSEY, DAN, US [72] JOHNSON, KIMO, US [71] UNIVERSITY OF NEW HAMPSHIRE, US [85] 2002-12-18 [86] 2000-08-17 (PCT/US2000/040670) [87] 2001-05-17 (WO2001/035387) [30] US (09/437,565) 1999-11-10</p>	<p style="text-align: right;">[21] 2,414,206 [13] A1</p> <p>[51] Int.Cl. 7G02B 6/00 [25] EN [54] METHOD TO STABILIZE AND ADJUST THE OPTICAL PATH LENGTH OF WAVEGUIDE DEVICES [54] PROCEDE DE STABILISATION ET DE REGLAGE DE LA LONGUEUR DE CHEMIN OPTIQUE DE DISPOSITIFS DU TYPE GUIDES D'ONDE [72] BATTIATO, JAMES M., US [72] BRENNAN, JAMES F., III, US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2002-12-02 [86] 2001-06-14 (PCT/US2001/019076) [87] 2001-12-20 (WO2001/096916) [30] US (60/211,521) 2000-06-14 [30] US (09/874,784) 2001-06-05</p>
<p style="text-align: right;">[21] 2,414,150 [13] A1</p> <p>[51] Int.Cl. 7C07C 69/76 7C07C 219/18 [25] EN [54] MODIFIED FORMS OF PHARMACOLOGICALLY ACTIVE AGENTS AND USES THEREFOR [54] FORMES MODIFIEES D'AGENTS ACTIFS AU PLAN PHARMACOLOGIQUE ET LEURS UTILISATIONS [72] LAI, CHING-SAN, US [72] WANG, TINGMIN, US [71] MEDINOX, INC., US [85] 2002-12-19 [86] 2001-06-19 (PCT/US2001/019750) [87] 2002-01-03 (WO2002/000167) [30] US (09/602,688) 2000-06-23 [30] US (09/715,767) 2000-11-17</p>	<p style="text-align: right;">[21] 2,414,183 [13] A1</p> <p>[51] Int.Cl. 7H04N 7/173 7H04N 7/24 [25] EN [54] METHOD AND APPARATUS FOR TARGETING VIRTUAL OBJECTS [54] PROCEDE ET DISPOSITIF PERMETTANT DE CIBLER DES OBJETS VIRTUELS [72] MCCOSKEY, JOHN S., US [72] BONNER, ALFRED E., US [72] ASMUSSEN, MICHAEL L., US [72] HENDRICKS, JOHN S., US [71] DISCOVERY COMMUNICATIONS, INC., US [85] 2002-12-19 [86] 2001-06-19 (PCT/US2001/014865) [87] 2001-12-27 (WO2001/099426) [30] US (09/597,893) 2000-06-19</p>	<p style="text-align: right;">[21] 2,414,232 [13] A1</p> <p>[51] Int.Cl. 7F28D 1/04 [25] EN [54] FLUID COOLING SYSTEM [54] SYSTEME DE REFROIDISSEMENT AU MOYEN D'UN FLUIDE [72] SCOGGINS, DONALD B., US [71] BRABNOD MOUNTAIN GEAR, LLC., US [85] 2002-12-19 [86] 2001-06-22 (PCT/US2001/019892) [87] 2001-12-27 (WO2001/098722) [30] US (60/213,716) 2000-06-22</p>

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[21] **2,414,234**
[13] A1
[51] **Int.Cl. 7G01N 25/16 7G01B 13/24**
[25] EN
[54] **AGGREGATE DILATOMETER DEVICE AND METHODS OF TESTING**
[54] **DILATOMETRE D'AGREGATS ET PROCEDES D'ESSAI**
[72] TANG, TIANXI, US
[72] ZOLLINGER, DAN G., US
[71] TEXAS A & M UNIVERSITY SYSTEM, US
[85] 2002-12-18
[86] 2001-06-20 (PCT/US2001/019686)
[87] 2001-12-27 (WO2001/098763)
[30] US (60/213,054) 2000-06-21

[21] **2,414,276**
[13] A1
[51] **Int.Cl. 7B01J 39/20 7B01J 45/00 7B01J 41/14 7B01J 20/20 7C03C 25/26 7C03C 25/28 7C03C 25/30**
[25] EN
[54] **ACTIVATED ORGANIC COATINGS ON A FIBER SUBSTRATE**
[54] **REVETEMENT ORGANIQUE ACTIVE SUR UN SUBSTRAT DE FIBRES**
[72] YUE, ZHONGREN, US
[72] MANGUN, CHRISTIAN, US
[72] ECONOMY, JAMES, US
[71] BOARD OF TRUSTEES OF UNIVERSITY OF ILLINOIS, US
[85] 2002-12-20
[86] 2001-06-20 (PCT/US2001/019946)
[87] 2001-12-27 (WO2001/097972)
[30] US (09/599,084) 2000-06-21

[21] **2,414,360**
[13] A1
[51] **Int.Cl. 7G03G 7/00 7B41M 5/035 7G03G 15/16**
[25] EN
[54] **METHOD OF PRODUCING TRANSFER SHEETS AND TRANSFER SHEETS**
[54] **PROCEDE DE FABRICATION DE FEUILLES DE TRANSFERT ET FEUILLES DE TRANSFERT OBTENUES**
[72] BRANDRISS, SERGIO, IL
[72] LEVI, AMNON, IL
[72] ALMOG, YAACOV, IL
[71] INDIGO N.V., NL
[85] 2002-12-02
[86] 2000-07-10 (PCT/IL2000/000407)
[87] 2002-01-17 (WO2002/005036)

[21] **2,414,365**
[13] A1
[51] **Int.Cl. 7H01M 8/02 7H01M 8/10**
[25] EN
[54] **GAS DISTRIBUTOR FOR FUEL CELLS**
[54] **DISTRIBUTEUR DE GAZ DESTINE A DES PILES A COMBUSTIBLE**
[72] BACKA, STEFAN, SE
[72] JAOUEN, FREDERIC, SE
[72] HONEN, JARI, SE
[72] RISSANEN, MARKKU, SE
[72] HONEN, JARI, SE
[72] NYGREN, BERTIL, SE
[71] AB VOLVO, SE
[85] 2003-01-02
[86] 2001-07-04 (PCT/SE2001/001533)
[87] 2002-01-17 (WO2002/005374)
[30] SE (0002588-2) 2000-07-07

[21] **2,414,588**
[13] A1
[51] **Int.Cl. 7C12N 15/55 7A01H 5/00 7A01H 5/10 7A23L 1/105 7C12N 9/16 7A23K 1/165 7C12N 15/29 7C12N 15/82**
[25] FR
[54] **ACIDES NUCLEIQUES CODANT POUR UNE PHOSPHATASE VEGETALE DE TYPE MIPP A ACTIVITE PHYTASIQUE ET APPLICATIONS**
[54] **NUCLEIC ACIDS CODING FOR A PLANT PHOSPHATASE OF THE MIPP TYPE WITH PHYTASE ACTIVITY AND USES**
[72] PEREZ, PASCUAL, FR
[72] DI GIOIA, TANIA, FR
[71] BIOGEMMA, FR
[85] 2002-12-27
[86] 2001-07-02 (PCT/FR2001/002116)
[87] 2002-01-03 (WO2002/000890)
[30] FR (00/08529) 2000-06-30

[21] **2,414,675**
[13] A1
[51] **Int.Cl. 7H04L 27/00 7H04L 25/03**
[25] EN
[54] **CONFIGURABLE EXCITER FOR INFORMATION TRANSMISSION SYSTEMS**
[54] **DISPOSITIF D'EXCITATION CONFIGURABLE POUR SYSTEMES DE TRANSMISSION D'INFORMATIONS**
[72] TWITCHELL, EDWIN, US
[72] HAUSER, JAMES, US
[71] HARRIS CORPORATION, US
[85] 2003-02-04
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[51] **Int.Cl. 7C09J 139/06 7C09J 171/02 7A61K 9/70**
[25] EN
[54] **PREPARATION OF HYDROPHILIC PRESSURE SENSITIVE ADHESIVES HAVING OPTIMIZED ADHESIVE PROPERTIES**
[54] **ELABORATION D'ADHESIFS AUTOCOLLANTS HYDROPHILES A PROPRIETES ADHESIVES OPTIMISEES**
[72] CLEARY, GARY W., US
[72] CHALYKH, ANATOLY E., RU
[72] PLATE, NICOLAI A., RU
[72] FELDSTEIN, MIKHAIL M., RU
[71] CLEARY, GARY W., US
[71] CHALYKH, ANATOLY E., RU
[71] PLATE, NICOLAI A., RU
[71] FELDSTEIN, MIKHAIL M., RU
[71] CORIUM INTERNATIONAL, US
[71] A.V. TOPCHIEV INSTITUTE OF PETROCHEMICAL SYNTHESIS, RU
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[86] 2001-07-06 (PCT/US2001/021417)
[87] 2002-01-17 (WO2002/004570)
[30] US (60/216,386) 2000-07-07
[30] US (09/847,532) 2001-05-01

[21] **2,415,119**
[13] A1
[51] **Int.Cl. 7A22B 5/00 7A01K 29/00**
[25] EN
[54] **METHOD OF MANAGING AND MARKETING LIVESTOCK BASED ON GENETIC PROFILES**
[54] **PROCEDE DE GESTION ET DE COMMERCIALISATION DE BETAIL BASE SUR DES PROFILS GENETIQUES**
[72] LIND, LUKE, US
[72] DAVIS, SCOTT K., US
[72] TAYLOR, JEREMY FRANCIS, US
[72] DAVIS, SARA L.F., US
[71] LIND, LUKE, US
[71] DAVIS, SCOTT K., US
[71] TAYLOR, JEREMY FRANCIS, US
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[85] 2003-01-06
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[87] 2002-01-10 (WO2002/002822)
[30] US (09/610,497) 2000-07-05

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[21] **2,415,147**
[13] A1

[51] **Int.Cl. 7A23C 19/093**
[25] EN
[54] **CREAMY FOOD PREPARATION BASED ON HARD CHEESE**
[54] **PREPARATION ALIMENTAIRE CREMEUSE A BASE DE FROMAGE A PATE DURE**
[72] GASPARELLI, ROBERTO, IT
[72] GASPARELLI, MARIA RITA, IT
[72] ALLODI, ANDREA, IT
[71] GENUINE FOODS S.R.L., IT
[85] 2003-01-09
[86] 2001-07-05 (PCT/EP2001/007708)
[87] 2002-01-17 (WO2002/003810)
[30] IT (MI2000A001568) 2000-07-11
[30] EP (00830583.1) 2000-08-18

[21] **2,415,228**
[13] A1

[51] **Int.Cl. 7A61K 33/24**
[25] EN
[54] **USE OF LANTHANUM COMPOUNDS FOR THE TREATMENT OF BONE DISEASES**
[54] **TRAITEMENT DES MALADIES OSSEUSES**
[72] TOTEN, JOSEPH WILSON, GB
[72] ATHERTON, NIGEL DEREK, GB
[72] GAITONDE, MICHAEL DAVID, CH
[71] SHIRE HOLDINGS AG, CH
[85] 2002-12-19
[86] 2001-06-26 (PCT/GB2001/002836)
[87] 2002-01-03 (WO2002/000227)
[30] GB (0015745.3) 2000-06-27

[21] **2,415,263**
[13] A1

[51] **Int.Cl. 7G06K 17/00 7G06F 17/30**
[25] FR
[54] **INSTALLATION DE MISE A DISPOSITION D'INFORMATIONS RELATIVES A UN OBJET**
[54] **INSTALLATION PROVIDING DATA CONCERNING AN OBJECT**
[72] FERENCZI, LAURENT, FR
[72] BRUGEROLLE, JEAN-RENAUD, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE P OUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2002-12-19
[86] 2001-07-25 (PCT/FR2001/002437)
[87] 2002-02-27 (WO2002/011059)
[30] FR (00/09876) 2000-07-27

[21] **2,415,274**
[13] A1

[51] **Int.Cl. 7A63F 13/12**
[25] EN
[54] **PREMIUM ACQUISITION GAME SYSTEM UTILIZING COMMUNICATION NETWORK, AND PREMIUM ACQUISITION GAME HOST COMPUTER AND PLAYER TERMINAL BOTH USED IN THAT SYSTEM**
[54] **SYSTEME DE JEU POUR GAGNER DES PRIX METTANT EN OEUVRE UN RESEAU DE COMMUNICATION, ET ORDINATEUR HOTE DE JEU POUR GAGNER DES PRIX AINSI QUE TERMINAL DE JOUEUR UTILISES DANS CE SYSTEME**
[72] SHIMODA, KAZUYOSHI, JP
[71] BANPRESTO CO., LTD., JP
[85] 2002-12-19
[86] 2002-01-21 (PCT/JP2002/000382)
[87] 2002-12-19 (WO2002/058809)
[30] JP (2001-19111) 2001-01-26

[21] **2,415,278**
[13] A1

[51] **Int.Cl. 7E21B 7/00 7E21C 41/24 7E21B 43/30**
[25] EN
[54] **METHOD AND APPARATUS FOR HYDROCARBON SUBTERRANEAN RECOVERY**
[54] **PROCEDE ET APPAREIL D'EXTRACTION SOUTERRAINE D'HYDROCARBURES**
[72] KELLEY, WAYNE LEROY, US
[72] EWEN, ROBERT LESLIE, US
[72] ASHBY, ANDREW M., US
[72] TRENT, ROBERT HAROLD, US
[71] OMEGA OIL COMPANY, US
[85] 2002-12-19
[86] 2001-05-16 (PCT/US2001/015794)
[87] 2001-11-22 (WO2001/088320)
[30] US (60/204,793) 2000-05-16

[21] **2,415,282**
[13] A1

[51] **Int.Cl. 7F25B 15/00 7F25B 33/00**
[25] EN
[54] **AMMONIA ABSORPTION TYPE WATER CHILLING/HEATING DEVICE**
[54] **DISPOSITIF DE REFROIDISSEMENT/CHAUFFAGE D'EAU DE TYPE A ABSORPTION D'AMMONIAC**
[72] KOIKE, HIDEAKI, JP
[72] MIYAUCHI, MASAHIRO, JP
[72] HASHII, TAKASHI, JP
[72] YAMAISHI, KAZUHIKO, JP
[71] NIPPON KOEI POWER SYSTEMS CO., LTD., JP
[71] MANEUVER TECHNOLOGY INC., JP
[85] 2002-12-19
[86] 2002-04-26 (PCT/JP2002/004198)
[87] 2002-12-19 (WO2002/088607)
[30] JP (2001-132195) 2001-04-27

[21] **2,415,291**
[13] A1

[51] **Int.Cl. 7B65B 11/02**
[25] EN
[54] **APPARATUS FOR WRAPPING PRODUCTS WITH PLASTIC FILM**
[54] **APPAREIL PERMETTANT D'ENVELOPPER DES PRODUITS DANS UN FILM PLASTIQUE**
[72] CERE', MAURO, IT
[71] AETNA GROUP S.P.A., IT
[85] 2002-12-19
[86] 2002-04-24 (PCT/IB2002/001396)
[87] 2002-11-07 (WO2002/087971)
[30] IT (BO2001A000259) 2001-04-27

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[13] A1

[51] **Int.Cl. 7F01N 3/02 7F02D 41/04 7F01N 3/08 7F01N 3/24**
[25] EN
[54] **EXHAUST EMISSION CONTROL DEVICE**
[54] **DISPOSITIF DE REGULATION D'EMISSION DE GAZ POLLUANTS**
[72] ASANUMA, TAKAMITSU, JP
[72] NAKATANI, KOICHIRO, JP
[72] ITOH, KAZUHIRO, JP
[72] HIROTA, SHINYA, JP
[72] TANAKA, TOSHIKI, JP
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[87] 2002-12-19 (WO2002/090731)
[30] JP (2001-130109) 2001-04-26

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[13] A1
[51] **Int.Cl. 7C21B 13/10 7C21B 11/08**
[25] EN
[54] **GRANULAR METALLIC IRON**
[54] **FER METALLIQUE GRANULAIRE**
[72] KIKUCHI, SHOICHI, JP
[72] TSUGE, OSAMU, JP
[72] KOBAYASHI, ISAO, JP
[72] TANIGAKI, YASUHIRO, JP
[72] TOKUDA, KOJI, JP
[72] HONDA, KEISUKE, JP
[72] ITO, SHUZO, JP
[71] MIDREX INTERNATIONAL B.V.
ZURICH BRANCH, CH
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[87] 2002-12-19 (WO2002/092860)
[30] JP (2001-145566) 2001-05-15

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[13] A1
[51] **Int.Cl. 7G06F 15/16 7G06F 15/173**
[25] EN
[54] **DYNAMIC DEPLOYMENT OF SERVICES IN A COMPUTING NETWORK**
[54] **DEPLOIEMENT DYNAMIQUE DE SERVICES DANS UN RESEAU INFORMATIQUE**
[72] DAVIS, DOUGLAS B., US
[72] WESLEY, AJAMU A., US
[72] BRITTENHAM, PETER J., US
[72] LINDQUIST, DAVID B., US
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[87] 2002-11-28 (WO2002/095605)
[30] US (09/864,663) 2001-05-23
[30] US (09/864,607) 2001-05-23
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[21] **2,415,316**
[13] A1
[51] **Int.Cl. 7D06L 1/02 7D06F 43/00 7B08B 3/08**
[25] EN
[54] **IMPROVED STAIN REMOVAL METHODS AND PRODUCTS ASSOCIATED THEREWITH**
[54] **METHODES AMELIOREES DE DETACHAGE ET PRODUITS ASSOCIES**
[72] MOE, KEVIN DAVID, US
[72] CAUDILL, SHELLIE JEAN, US
[72] SADLOWSKI, JANICE QUINTANA, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2002-09-19
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[87] 2002-09-19 (WO/)
[30] US (60/277,032) 2001-03-19

[21] **2,415,321**
[13] A1
[51] **Int.Cl. 7A47L 9/00**
[25] EN
[54] **VACUUM DEVICES HAVING INTEGRATED CORD STORAGE AND PIVOTABLE TOOL HOLDERS**
[54] **ASPIRATEURS COMPRENANT UN DISPOSITIF D'ENROULEMENT DU CORDON ET DES PORTES-ACCESOIRES PIVOTANTS INTEGRES**
[72] PATERSON, CHRIS M., US
[72] MOSHENROSE, PAUL A., US
[72] IRBY, STEVEN P., US
[71] ORECK HOLDINGS, LLC, US
[85] 2002-12-19
[86] 2001-08-15 (PCT/US2001/025689)
[87] 2002-04-11 (WO2002/028255)
[30] US (09/675,277) 2000-09-29

[21] **2,415,322**
[13] A1
[51] **Int.Cl. 7A47L 9/14**
[25] EN
[54] **BAG ASSEMBLY FOR A VACUUM CLEANER**
[54] **ENSEMBLE SAC POUR ASPIRATEUR**
[72] COHEN, SHANE P., US
[72] PATERSON, CHRIS, US
[72] VERDURA, JAVIER, US
[71] ORECK HOLDINGS, LLC, US
[85] 2002-12-19
[86] 2001-08-17 (PCT/US2001/025772)
[87] 2002-04-11 (WO2002/028261)
[30] US (09/675,473) 2000-09-29

[21] **2,415,323**
[13] A1
[51] **Int.Cl. 7A47L 5/30 7B01D 46/02**
[25] EN
[54] **APPARATUS AND METHODS FOR SUPPORTING AND SHIELDING FLEXIBLE OUTER BAGS OF VACUUM CLEANERS**
[54] **DISPOSITIF ET PROCEDES POUR SUPPORTER ET PROTEGER DES SACS EXTERIEURS SOUPLES D'ASPIRATEURS**
[72] VERDURA, JAVIER, US
[72] COHEN, SHANE P., US
[72] PONJICAN, SAM, US
[72] PATERSON, CHRIS M., US
[71] ORECK HOLDINGS, LLC, US
[85] 2002-12-19
[86] 2001-09-18 (PCT/US2001/029374)
[87] 2002-04-11 (WO2002/028252)
[30] US (09/675,269) 2000-09-29

[21] **2,415,326**
[13] A1
[51] **Int.Cl. 7C23C 2/04 7C23C 2/02 7C23C 2/06**
[25] EN
[54] **IMPROVEMENT IN THE PRODUCTION OF A ZINC-ALUMINUM ALLOY COATING BY IMMERSION INTO MOLTEN METAL BATHS**
[54] **AMELIORATIONS DANS LA PRODUCTION D'UN REVETEMENT EN ALLIAGE ZINC-ALUMINUM PAR IMMERSION DANS DES BAINS DE METAL EN FUSION**
[72] MEMMI, MASSIMO, IT
[72] BREVAGLIERI, BRUNO, IT
[72] NATALI, STEFANO, IT
[72] CECCHINI, MICHELE, IT
[71] INTERNATIONAL LEAD ZINC RESEARCH ORGANIZATION, US
[85] 2002-12-19
[86] 2001-07-05 (PCT/US2001/021218)
[87] 2002-01-17 (WO2002/004693)
[30] US (09/615,515) 2000-07-12

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[13] A1

[51] **Int.Cl. 7B65D 81/32 7B65D 85/36**
[25] EN
[54] **A KIT CONTAINING A SNACK FOOD AND DIP-CONDIMENT**
[54] **KIT CONTENANT UN ALIMENT TOUT PRET ET UNE SAUCE DIP**
[72] MCCATCHAN, MICHAEL D., US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2002-12-19
[86] 2001-07-13 (PCT/US2001/022171)
[87] 2002-01-24 (WO2002/006133)
[30] US (60/217,999) 2000-07-13

[21] **2,415,331**

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[51] **Int.Cl. 7C07D 409/12 7C07D 213/00 7C07D 231/00 7C07D 303/00 7C07D 333/00 7C07D 401/12 7C07D 405/12 7C07D 407/12 7C07D 413/12 7C07D 417/12 7C07D 409/14 7A61K 31/44 7C07D 213/82**
[25] EN
[54] **BETA3 ADRENERGIC AGONISTS**
[54] **AGONISTES ADRENERGIQUES BETA3**
[72] SCHOTTEN, THEO, DE
[72] STENZEL, WOLFGANG, DE
[72] SIEGEL, MILES GOODMAN, US
[72] EVERS, BRITTA, DE
[72] SALL, DANIEL JON, US
[72] WERNER, JOHN ARNOLD, US
[72] REMICK, DAVID MICHAEL, US
[72] RUEHTER, GERD, DE
[72] JESUDASON, CYNTHIA DARSHINI, US
[72] STUCKY, RUSSELL DEAN, US
[72] KARANJAWALA, RUSHAD ERUCH, US
[71] ELI LILLY AND COMPANY, US
[85] 2002-12-19
[86] 2001-07-09 (PCT/US2001/016519)
[87] 2002-01-24 (WO2002/006276)
[30] US (60/217,965) 2000-07-13
[30] US (60/241,614) 2000-10-19
[30] US (60/292,988) 2001-05-23

[21] **2,415,616**

[13] A1

[51] **Int.Cl. 7A63B 69/36 7A63B 53/04**
[25] EN
[54] **GOLF CLUB HEAD HAVING A DEVICE FOR RESISTING EXPANSION BETWEEN OPPOSING WALLS DURING BALL IMPACT**
[54] **TETE DE CLUB DE GOLF DOTE E D'UN DISPOSITIF PERMETTANT DE RESISTER A L'EXPANSION ENTRE LES PAROIS OPPOSEES LORS DE L'IMPACT DE LA BALLE**
[72] BOONE, DAVID D., US
[71] TIA SPORTS CO., US
[85] 2003-01-08
[86] 2002-05-07 (PCT/US2002/014551)
[87] 2002-11-21 (WO2002/092175)
[30] US (09/854,322) 2001-05-11

[21] **2,415,773**

[13] A1

[51] **Int.Cl. 7A23G 9/02 7A23G 9/14 7A23G 9/28**
[25] EN
[54] **A FROZEN CONFECTIONERY PRODUCT AND METHOD OF MANUFACTURE**
[54] **PRODUIT SUCRE GLACE ET SON PROCEDE DE FABRICATION**
[72] PERRY, JOHNATHAN CHARLES, AU
[72] PRITCHARD, TOM, US
[72] ROBERTS, KEITH, US
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2003-01-20
[86] 2001-08-21 (PCT/EP2001/009647)
[87] 2002-02-28 (WO2002/015706)
[30] AU (PQ 9758) 2000-08-25

[21] **2,415,843**

[13] A1

[51] **Int.Cl. 7B65D 23/08 7B65D 71/00 7B65D 23/14**
[25] FR
[54] **ENVELOPPE DESTINEE A L'EMBALLAGE D'AU MOINS UN OBJET, DU TYPE CONSTITUE PAR UN MANCHON EN MATIERE PLASTIQUE THERMORETRACTABLE**
[54] **ENVELOPE FOR PACKAGING AT LEAST AN OBJECT, CONSISTING OF A HEAT-SHRINKABLE PLASTIC MATERIAL SLEEVE**
[72] FRESNEL, ERIC, FR
[71] SLEEVE INTERNATIONAL COMPANY, FR
[85] 2002-12-19
[86] 2001-06-14 (PCT/FR2001/001851)
[87] 2002-01-03 (WO2002/000518)
[30] FR (00/08481) 2000-06-30

[21] **2,415,847**

[13] A1

[51] **Int.Cl. 7C07D 307/84 7C07D 211/00 7C07D 241/00 7C07D 307/00 7C07D 407/04 7C07D 471/04 7C07D 409/06 7C07D 407/10 7A61K 31/34 7C07D 307/80**
[25] FR
[54] **AMINOALKYL BENZOYL-BENZOFURANES OU BENZOTHIOPHENES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS LES CONTENANT**
[54] **AMINOALKYL BENZOYL-BENZOFURAN OR BENZOTHIOPHENE DERIVATIVES, METHOD FOR PREPARING SAME AND COMPOSITIONS CONTAINING SAME**
[72] GAUTIER, PATRICK, FR
[72] ASSENS, JEAN-LOUIS, FR
[72] CABANEL-HAUDRICOURT, FREDERIQUE, FR
[72] BERNHART, CLAUDE, FR
[72] NISATO, DINO, FR
[71] SANOFI-SYNTHELABO, FR
[85] 2003-01-10
[86] 2001-08-21 (PCT/FR2001/002640)
[87] 2002-02-28 (WO2002/016339)
[30] FR (00/10834) 2000-08-23

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[21] **2,415,862**
[13] A1

[51] **Int.Cl. 7A61K 35/16 7A61P 35/00**
[25] EN
[54] **PHARMACEUTICAL PREPARATION FOR THE TREATMENT AND DIAGNOSIS OF TUMORS AND METHOD FOR THE PREPARATION OF THE LIPID FREE FRACTION OF BLOOD PLASMA**
[54] **PREPARATION PHARMACEUTIQUE DESTINEE AU TRAITEMENT ET AU DIAGNOSTIC DE PATHOLOGIES TUMORALES ET METHODE DE PREPARATION DE FRACTION EXEMPTEE DE LIPIDES DU PLASMA SANGUIN**
[72] BERTHA, ANDRAS, HU
[71] BERTHA, ANDRAS, HU
[85] 2003-01-10
[86] 2001-07-10 (PCT/HU2001/000078)
[87] 2002-01-31 (WO2002/007739)
[30] HU (P0002597) 2000-07-10

[21] **2,415,867**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **COMPUTER BASED ORGANISATION SYSTEMS**
[54] **SYSTEMES D'ORGANISATION GERES PAR ORDINATEUR**
[72] LOVEKIN, MARK, AU
[72] EDGAR, PAUL, ROBERT, AU
[72] REID, GRAHAM JOHN, AU
[71] LOVEKIN, MARK, AU
[71] EDGAR, PAUL, ROBERT, AU
[71] REID, GRAHAM JOHN, AU
[85] 2002-12-13
[86] 2001-06-15 (PCT/GB2001/002635)
[87] 2001-12-20 (WO2001/097107)
[30] GB (PCT/GB00/02352) 2000-06-15

[21] **2,415,869**
[13] A1

[51] **Int.Cl. 7A61L 15/28 7A61L 26/00**
[25] EN
[54] **SPRAYABLE WOUND CARE COMPOSITIONS**
[54] **COMPOSITIONS DE SOINS DES PLAIES PULVERISABLES**
[72] COURT, ANDREW, GB
[72] KERSHAW, DAVID, GB
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2002-12-17
[86] 2001-06-28 (PCT/GB2001/002895)
[87] 2002-01-03 (WO2002/000268)
[30] GB (0015682.8) 2000-06-28

[21] **2,415,931**
[13] A1

[51] **Int.Cl. 7F16B 13/04 7F16B 13/06**
[25] EN
[54] **PANEL FASTENER**
[54] **DISPOSITIF DE FIXATION DE PANNEAU**
[72] MENGEL, CRAIG, US
[71] MENGEL, CRAIG, US
[85] 2002-12-19
[86] 2001-06-19 (PCT/US2001/019474)
[87] 2001-12-27 (WO2001/098596)
[30] US (09/598,277) 2000-06-22

[21] **2,415,939**
[13] A1

[51] **Int.Cl. 7A61F 2/06**
[25] EN
[54] **INTRALUMINAL STENTS**
[54] **TUTEURS INTRALUMINAUX**
[72] HOYNS, DIRK V., US
[71] C.R. BARD, INC., US
[85] 2002-12-17
[86] 2001-06-26 (PCT/US2001/020392)
[87] 2002-01-03 (WO2002/000138)
[30] US (09/603,409) 2000-06-26

[21] **2,415,942**
[13] A1

[51] **Int.Cl. 7A61F 2/24 7B21F 1/00**
[25] EN
[54] **METHOD AND APPARATUS FOR FORMING A HEART VALVE WIREFORM**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE FORMER UNE ARMATURE DE VALVULE CARDIAQUE**
[72] LAM, HUNG LY, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2002-12-18
[86] 2001-07-12 (PCT/US2001/021882)
[87] 2002-01-17 (WO2002/003887)
[30] US (60/217,820) 2000-07-12

[21] **2,415,944**
[13] A1

[51] **Int.Cl. 7A61F 2/24**
[25] EN
[54] **HEART VALVE HOLDER FOR CONSTRICTING THE VALVE COMMISSURES**
[54] **SUPPORT DE VALVULE CARDIAQUE PERMETTANT DE GENERER UNE CONSTRICTION DES COMMISSURES DE LA VALVULE, ET SON PROCEDE D'UTILISATION**
[72] STOBIE, ROBERT, US
[72] JACKMAN, JERRY L., US
[72] TON-THAT, CUONG, US
[72] NEWBORG, STEVE, US
[72] EKHOLM, ROGER C., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2002-12-18
[86] 2001-07-13 (PCT/US2001/022102)
[87] 2002-02-07 (WO2002/009621)
[30] US (09/626,570) 2000-07-27
[30] US (09/746,431) 2000-12-21

[21] **2,416,010**
[13] A1

[51] **Int.Cl. 7F16F 15/03 7B64C 27/00**
[25] FR
[54] **DISPOSITIF D'AMORTISSEMENT DE VIBRATIONS**
[54] **VIBRATION DAMPING DEVICE**
[72] NOE, MATHIEU, FR
[71] HUTCHINSON, FR
[85] 2003-01-13
[86] 2002-06-06 (PCT/FR2002/001925)
[87] 2002-12-12 (WO2002/099309)
[30] FR (01/07352) 2001-06-06

[21] **2,416,012**
[13] A1

[51] **Int.Cl. 7F16F 1/32 7H02K 35/02**
[25] FR
[54] **DISPOSITIF D'AMORTISSEMENT DE VIBRATIONS.**
[54] **VIBRATION DAMPING DEVICE**
[72] NOE, MATHIEU, FR
[71] HUTCHINSON, FR
[85] 2003-01-13
[86] 2002-06-06 (PCT/FR2002/001926)
[87] 2002-12-12 (WO2002/099306)
[30] FR (01/07353) 2001-06-06

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[21] **2,416,127**
[13] A1
[51] **Int.Cl. 7G02F 1/017**
[25] FR
[54] **STRUCTURE D'ABSORBANT SATURABLE POUR COMPOSANT OPTIQUE DE REGENERATION DE SIGNAL OPTIQUE**
[54] **SATURABLE ABSORBENT STRUCTURE, IN PARTICULAR FOR REGENERATING OPTICAL COMPONENT AND METHOD FOR MAKING SAME**
[72] DEHAESE, OLIVIER, FR
[72] LE CORRE, ALAIN, FR
[72] LOUALICHE, SLIMANE, FR
[72] MARCEAUX, ALEXANDRE, FR
[71] FRANCE TELECOM, FR
[85] 2003-01-13
[86] 2001-07-10 (PCT/FR2001/002219)
[87] 2002-01-17 (WO2002/005016)
[30] FR (00/09030) 2000-07-11

[21] **2,416,169**
[13] A1
[51] **Int.Cl. 7A61K 47/38 7A61K 47/02 7A61K 31/557**
[25] EN
[54] **COMPOSITIONS CONTAINING THERAPEUTICALLY ACTIVE COMPONENTS HAVING ENHANCED SOLUBILITY**
[54] **COMPOSITIONS CONTENANT DES COMPOSANTS A ACTIVITE THERAPEUTIQUE PRESENTANT UNE SOLUBILITE AMELIOREE**
[72] OLEJNIK, OREST, US
[72] KERSLAKE, EDWARD D.S., US
[71] ALLERGAN, INC., US
[85] 2003-01-14
[86] 2001-07-09 (PCT/US2001/021551)
[87] 2002-01-24 (WO2002/005822)
[30] US (60/218,206) 2000-07-14

[21] **2,416,194**
[13] A1
[51] **Int.Cl. 7A61K 31/59**
[25] EN
[54] **USE OF 2-METHYLENE-19-NOR-20(S)-1.ALPHA.,25-DIHYDROXYVITAMIN D3 TO INCREASE BONE STRENGTH**
[54] **UTILISATION DE 2-METHYLENE-19-NOR-20(S)-1.ALPHA.,25-DIHYDROXYVITAMINE D3 DESTINEE A AUGMENTER LA RESISTANCE DES OS**
[72] SMITH, CONNIE M., US
[72] DELUCA, HECTOR F., US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2003-01-14
[86] 2001-07-10 (PCT/US2001/021706)
[87] 2002-01-24 (WO2002/005823)
[30] US (09/616,164) 2000-07-14

[21] **2,416,147**
[13] A1
[51] **Int.Cl. 7A61K 31/197 7A61K 9/70**
[25] EN
[54] **DERMAL FOR AMINO LAEVULINIC ACID**
[54] **SYSTEME D'APPLICATION DERMIQUE POUR L'ACIDE AMINOLEVULINIQUE**
[72] SZEIMIES, ROLF-MARKUS, DE
[72] LEE, GEOFFREY, DE
[71] MEDAC GESELLSCHAFT FUR KLINISCHE SPEZIALPRAPARATE MBH, DE
[85] 2003-01-14
[86] 2001-07-13 (PCT/EP2001/008131)
[87] 2002-01-24 (WO2002/005809)
[30] DE (100 34 673.1) 2000-07-17

[21] **2,416,187**
[13] A1
[51] **Int.Cl. 7A61K 31/593 7A61P 35/00 7A61P 17/06 7A61P 19/10**
[25] EN
[54] **USE OF 2.ALPHA.-METHYL-19-NOR-20(S)-1.ALPHA.,25-DIHYDROXYVITAMIN D3 TO INCREASE BONE STRENGTH**
[54] **UTILISATION DE 2.ALPHA.METHYL-19-NOR-20(S)-1.ALPHA.,25-DIHYDROXYVITAMINE D3 POUR RENFORCER LES OS**
[72] DELUCA, HECTOR F., US
[72] SMITH, CONNIE M., US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2003-01-14
[86] 2001-07-10 (PCT/US2001/021660)
[87] 2002-01-24 (WO2002/005824)
[30] US (09/616,778) 2000-07-14

[21] **2,416,207**
[13] A1
[51] **Int.Cl. 7G01N 33/487 7G01N 27/403 7G01N 27/413 7G01N 27/49**
[25] EN
[54] **ELECTROCHEMICAL METHOD FOR MEASURING CHEMICAL REACTION RATES**
[54] **PROCEDE ELECTROCHIMIQUE POUR MESURER DES VITESSES DE REACTIONS CHIMIQUES**
[72] CHATELIER, RON, US
[72] HODGES, ALASTAIR, US
[71] LIFESCAN, INC., US
[85] 2003-01-14
[86] 2001-07-06 (PCT/US2001/021314)
[87] 2002-01-24 (WO2002/006788)
[30] US (09/615,691) 2000-07-14
[30] US (09/616,433) 2000-07-14
[30] US (09/616,512) 2000-07-14
[30] US (09/616,556) 2000-07-14

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<p style="text-align: right;">[21] 2,416,257 [13] A1</p> <p>[51] Int.Cl. 7A61K 9/48 [25] EN [54] COMPOSITIONS AND FILMS FOR CAPSULE MANUFACTURE [54] COMPOSITIONS ET FILMS POUR FABRICATION DE GELULES [72] SCHMITT, ROBERT, US [72] HAUNG, HAIYONG, US [71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US [85] 2003-01-14 [86] 2001-04-17 (PCT/US2001/012459) [87] 2002-01-31 (WO2002/007711) [30] US (60/220,052) 2000-07-21</p>	<p style="text-align: right;">[21] 2,416,536 [13] A1</p> <p>[51] Int.Cl. 7C08F 10/00 7C08F 4/00 [25] EN [54] SUPPORTED POLYMERISATION CATALYSTS [54] CATALYSEURS DE POLYMERISATION SUPPORTES [72] MEALARES, CHRISTEL, MARIE-CLAUDE, FR [72] TAYLOR, MICHAEL JOHN, GB [71] BP CHEMICALS LIMITED, GB [85] 2003-01-16 [86] 2001-07-11 (PCT/GB2001/003109) [87] 2002-01-24 (WO2002/006357) [30] GB (0017547.1) 2000-07-17</p>	<p style="text-align: right;">[21] 2,416,558 [13] A1</p> <p>[51] Int.Cl. 7H03M 13/00 [25] EN [54] PLANT ACYL-COA SYNTHETASES [54] ACYL-COA SYNTHETASES VEGETALES [72] BROWSE, JOHN A., US [72] SHOCKEY, JAY M., US [72] SCHNURR, JUDY, US [71] WASHINGTON STATE UNIVERSITY RESEARCH FOUNDATION, US [85] 2003-01-15 [86] 2001-07-19 (PCT/US2001/022774) [87] 2002-01-31 (WO2002/009295) [30] US (60/220,474) 2000-07-21 [30] US (09/906,419) 2001-07-16</p>
<p style="text-align: right;">[21] 2,416,281 [13] A1</p> <p>[51] Int.Cl. 7G02F 1/157 [25] FR [54] STRUCTURE ELECTROCHROME SOUPLE ET PROCEDES DE FABRICATION DE CETTE STRUCTURE [54] FLEXIBLE ELECTROCHROME STRUCTURE AND METHODS FOR THE PRODUCTION THEREOF [72] PAGES, HUBERT, FR [72] HOURQUEBIE, PATRICK, FR [72] TOPART, PATRICE, CA [71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR [85] 2003-01-28 [86] 2002-05-29 (PCT/FR2002/001807) [87] 2002-12-05 (WO2002/097519) [30] FR (01/07144) 2001-05-31</p>	<p style="text-align: right;">[21] 2,416,540 [13] A1</p> <p>[51] Int.Cl. 7G02F 1/15 [25] EN [54] FAST-SWITCHING REVERSIBLE ELECTROCHEMICAL MIRROR (REM) [54] MIROIR ELECTROCHIMIQUE REVERSIBLE AVEC SOLUTION ELECTROLYTIQUE AMELIOREE [72] TENCH, MORGAN D., US [72] WARREN, LESLIE F., JR., US [72] ROWELL, PETRA V., US [71] INNOVATIVE TECHNOLOGY LICENSING, LLC, US [85] 2003-01-15 [86] 2001-07-03 (PCT/US2001/021194) [87] 2002-01-24 (WO2002/006884) [30] US (09/619,127) 2000-07-18</p>	<p style="text-align: right;">[21] 2,416,563 [13] A1</p> <p>[51] Int.Cl. 7A61K 9/113 7A61K 7/00 7A23L 1/305 [25] EN [54] PHARMACEUTICAL COMPOSITION HAVING SPECIFIC WATER ACTIVITY [54] COMPOSITION PHARMACEUTIQUE DOTEE D'UNE ACTIVITE AQUEUSE SPECIFIQUE [72] HENDL, ONDREJ, US [72] BRITTEN, NANCY J., US [71] PHARMACIA & UPJOHN COMPANY, US [85] 2003-01-15 [86] 2001-09-07 (PCT/US2001/026012) [87] 2002-03-21 (WO2002/022171) [30] US (60/231,868) 2000-09-12</p>
<p style="text-align: right;">[21] 2,416,295 [13] A1</p> <p>[51] Int.Cl. 7B42D 15/10 7G06K 19/00 7G03H 1/18 [25] EN [54] CARD TRUE/FALSE DECISION APPARATUS [54] APPAREIL DETECTANT SI UNE CARTE EST VRAIE OU FAUSSE [72] SOTOYAMA, HIROYUKI, JP [72] NAGANO, SHIGENORI, JP [72] HORI, NOBUO, JP [71] KABUSHIKI KAISHA TOPCON, JP [85] 2002-12-02 [86] 2002-02-18 (PCT/JP2002/001345) [87] 2002-12-02 (WO2002/076760) [30] JP (2001-89615) 2001-03-27 [30] JP (2001-177973) 2001-06-13</p>	<p style="text-align: right;">[21] 2,416,547 [13] A1</p> <p>[51] Int.Cl. 7G01R 31/36 7H02J 7/00 [25] EN [54] BATTERY MONITORING SYSTEM WITH LOW POWER AND END-OF-LIFE MESSAGING AND SHUTDOWN [54] SYSTEME DE CONTROLE DE BATTERIE AVEC ENVOI DE MESSAGES INDIQUANT UNE CHARGE FAIBLE ET UNE FIN DE VIE DE BATTERIE ET AVEC MISE HORS TENSION [72] PARISI, MARK D., US [72] RICHARDS, ANTHONY M., US [72] LOCKERMAN, MICHAEL, US [72] TRANDO, HUEY, US [72] DENINGER, DANIEL A., US [71] QUALCOMM INCORPORATED, US [85] 2003-01-15 [86] 2001-07-17 (PCT/US2001/022754) [87] 2002-01-31 (WO2002/009254) [30] US (09/619,863) 2000-07-20</p>	

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[21] **2,416,566**
[13] A1

[51] **Int.Cl. 7A61K 9/48 7C07D 501/00 7A61K 9/00 7A61K 9/107**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION HAVING MODIFIED CARRIER**
[54] **COMPOSITION PHARMACEUTIQUE DOTEE D'UN SUPPORT MODIFIE**
[72] EATON, LESLIE C., US
[72] SU, CHING-CHIANG, US
[72] CAPUTO, JAMES F., US
[72] HENDL, ONDREJ, US
[72] URBAN, TERRY R., US
[72] SPEAKER, STANLEY M., US
[72] WALDRON, NIKI A., US
[72] WHITMIRE, MONICA L., US
[72] HUDA, SYED F., US
[72] KING, HARRY M., US
[72] STEELE, JEAN M., US
[72] MACHKOVECH, SUSAN M., US
[72] BROWN, SCOTT A., US
[72] SCHAPAUGH, RANDAL LEE, US
[72] TEAGARDEN, DIRK L., US
[72] BRITTEN, NANCY J., US
[71] PHARMACIA & UPJOHN COMPANY, US
[85] 2003-01-15
[86] 2001-09-07 (PCT/US2001/026013)
[87] 2002-03-21 (WO2002/022107)
[30] US (60/231,767) 2000-09-12

[21] **2,416,590**
[13] A1

[51] **Int.Cl. 7A61M 16/04**
[25] EN
[54] **IMPROVEMENTS IN AND RELATING TO RESPIRATORY APPARATUS**
[54] **AMELIORATIONS APORTEES A UN APPAREIL RESPIRATOIRE**
[72] MILLER, DONALD MUNRO, ZA
[71] MILLER, DONALD MUNRO, ZA
[85] 2003-01-15
[86] 2001-07-13 (PCT/ZA2001/000093)
[87] 2002-04-25 (WO2002/032490)
[30] GB (0017515.8) 2000-07-15

[21] **2,416,614**
[13] A1

[51] **Int.Cl. 7B65G 67/08 7B65G 21/14 7B65G 69/28**
[25] EN
[54] **EXTENDABLE GRAVITY LOADER**
[54] **SYSTEME DE CHARGEMENT PAR GRAVITE EXTENSIBLE**
[72] MC CORT, JOHN I., US
[72] GILMORE, PHILLIP J., US
[71] SIEMENS AKTIENGESSELLSCHAFT, DE
[85] 2003-01-16
[86] 2001-06-22 (PCT/EP2001/007063)
[87] 2002-01-31 (WO2002/008098)
[30] US (09/618,689) 2000-07-18

[21] **2,416,618**
[13] A1

[51] **Int.Cl. 7A61L 2/00 7A47L 15/00**
[25] EN
[54] **LOAD LIFTING/LOWERING MECHANISM**
[54] **MECANISME D'ELEVATION/ABAISSEMENT DE CHARGE**
[72] HALSTEAD, ERIC, CA
[72] WOOD, JOHN, CA
[72] LAGACE, FRANCOIS, CA
[72] VILLENEUVE, SIMON, CA
[72] CANTIN, EUGENE, CA
[72] ROY, JEAN-ROY, CA
[71] STERIS INC., US
[85] 2003-01-16
[86] 2001-08-08 (PCT/US2001/024818)
[87] 2002-02-14 (WO2002/011602)
[30] US (09/634,190) 2000-08-09

[21] **2,416,621**
[13] A1

[51] **Int.Cl. 7G05D 1/00**
[25] EN
[54] **METHOD AND SYSTEM FOR MULTI-MODE COVERAGE FOR AN AUTONOMOUS ROBOT**
[54] **PROCEDE ET SYSTEME DE COUVERTURE MULTIMODE POUR UN ROBOT AUTONOME**
[72] JONES, JOSEPH, US
[72] MASS, PHILIP R., US
[71] IROBOT CORPORATION, US
[85] 2003-01-16
[86] 2002-06-12 (PCT/US2002/018450)
[87] 2002-12-19 (WO2002/101477)
[30] US (60/297,718) 2001-06-12

[21] **2,416,622**
[13] A1

[51] **Int.Cl. 7H05B 33/04 7H01H 13/02 7H05B 33/12 7H01H 13/70**
[25] EN
[54] **EL ELEMENT AND ILLUMINATION UNIT COMPRISING IT**
[54] **ELEMENT EL ET UNITE D'ECLAIRAGE LE COMPRENANT**
[72] HANAHARA, TETSURO, JP
[72] ABE, YOSHIHARU, JP
[72] MATSUOKA, KUNIHARU, JP
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP
[85] 2003-01-16
[86] 2002-05-15 (PCT/JP2002/004682)
[87] 2003-01-16 (WO2002/093982)
[30] JP (2001-146214) 2001-05-16

[21] **2,416,624**
[13] A1

[51] **Int.Cl. 7A61K 31/70 7A61P 19/02**
[25] EN
[54] **TREATMENT OF ARTHRITIS AND COMPOSITIONS THEREFORE CONTAINING A N-ACYLATED-2-GLUCOSAMINE DERIVATIVE**
[54] **TRAITEMENT CONTRA L'ARTHRITE ET COMPOSITIONS A CET EFFET**
[72] ANASTASSIADES, TASSOS P., CA
[71] ANASTASSIADES, TASSOS P., CA
[85] 2003-01-16
[86] 2001-08-24 (PCT/CA2001/001217)
[87] 2002-03-07 (WO2002/017890)
[30] CA (2,317,305) 2000-08-29

[21] **2,416,625**
[13] A1

[51] **Int.Cl. 7F28F 7/00 7H05K 7/20**
[25] EN
[54] **GRAPHITE-BASED HEAT SINK**
[54] **DISSIPATEUR DE CHALEUR A BASE DE GRAPHITE**
[72] TZENG, JING-WEN, US
[72] KLUG, JEREMY, US
[72] NORLEY, JULIAN, US
[71] GRAFTECH INC., US
[85] 2003-01-16
[86] 2001-06-14 (PCT/US2001/019378)
[87] 2001-12-27 (WO2001/098724)
[30] US (09/595,754) 2000-06-16

Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] 2,416,626 [13] A1</p> <p>[51] Int.Cl. 7A61L 9/12 7A61L 9/03 [25] EN [54] MULTIPLE SCENT-CONTAINING ARTICLE OF MANUFACTURE WITH THEME [54] ARTICLE DE FABRICATION A THEME CONTENANT PLUSIEURS FRAGRANCES [72] TRINH, TOAN, US [72] OWENS, GROVER DAVID, US [72] KVIETOK, FRANK ANDREJ, US [72] RODRIGUEZ, PEDRO ANTONIO, US [72] GOODALL, KEVIN GEORGE, US [72] BARTSCH, ERIC RICHARD, US [72] LAUDAMIEL-PELLET, CHRISTOPHE, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2003-01-16 [86] 2001-07-26 (PCT/US2001/023504) [87] 2002-04-25 (WO2002/032472) [30] US (PCT/US00/20499) 2000-07-27 [30] US (60/251,067) 2000-12-04 [30] US (09/730,226) 2000-12-05 [30] US (09/730,261) 2000-12-05 [30] US (09/730,333) 2000-12-05</p>	<p style="text-align: right;">[21] 2,416,641 [13] A1</p> <p>[51] Int.Cl. 7F16F 1/371 7B23P 19/02 7F16F 15/08 [25] EN [54] ELASTIC BUSH AND METHOD OF PRESS-FITTING ELASTIC BUSH [54] DOUILLE ELASTIQUE ET PROCEDE POUR ADAPTER PAR PRESSION UNE DOUILLE ELASTIQUE [72] SUZUKI, KAZUTAKA, JP [72] OGAWA, TETSU, JP [72] SUNAMI, KEIICHI, JP [71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP [85] 2003-01-16 [86] 2001-07-12 (PCT/JP2001/006057) [87] 2003-01-16 (WO2002/012748) [30] JP (2000-236563) 2000-08-04 [30] JP (2000-236564) 2000-08-04 [30] JP (2000-236565) 2000-08-04</p>	<p style="text-align: right;">[21] 2,416,668 [13] A1</p> <p>[51] Int.Cl. 7B09B 3/00 7E02F 5/22 [25] EN [54] RECYCLED MATERIAL AND MIXING MACHINERY [54] MATERIAU RECYCLE ET MACHINE MELANGEUSE [72] OWEN, FRANK, GB [71] KEANES LIMITED, GB [85] 2003-01-16 [86] 2001-07-09 (PCT/GB2001/003083) [87] 2002-01-24 (WO2002/005978) [30] GB (0017657.8) 2000-07-19 [30] GB (0020851.2) 2000-08-24 [30] GB (0101764.9) 2001-01-23</p>
<p style="text-align: right;">[21] 2,416,628 [13] A1</p> <p>[51] Int.Cl. 7H02N 2/10 [25] EN [54] PIEZOELECTRIC MOTOR [54] MOTEUR PIEZOELECTRIQUE [72] LAVRINENKO, V'YACHESLAV V., UA [72] IAROCHENKO, ALEXANDER M., CA [71] EONTECH GROUP, INC., CA [85] 2003-01-16 [86] 2001-08-27 (PCT/CA2001/001222) [87] 2002-03-28 (WO2002/025801) [30] CA (2,320,011) 2000-09-18</p>	<p style="text-align: right;">[21] 2,416,650 [13] A1</p> <p>[51] Int.Cl. 7A61K 47/06 7A61K 31/00 7A61K 33/00 7A61P 25/00 7A61K 45/06 7A61K 31/19 7A61K 31/23 [25] EN [54] ENHANCEMENT OF THE ACTION OF CENTRAL AND PERIPHERAL NERVOUS SYSTEM AGENTS [54] RENFORCEMENT DE L'ACTION D'AGENTS SUR LE SYSTEME NERVEUX CENTRAL ET PERIPHERIQUE [72] MEYER, PETRUS JOHANNES, ZA [71] PITMY INTERNATIONAL N.V., AN [85] 2003-01-16 [86] 2001-07-19 (PCT/ZA2001/000099) [87] 2002-01-24 (WO2002/005851) [30] ZA (2000/3643) 2000-07-19</p>	<p style="text-align: right;">[21] 2,416,673 [13] A1</p> <p>[51] Int.Cl. 7C08B 37/10 7A61K 31/727 [25] FR [54] MELANGES DE POLYSACCHARIDES DERIVES D'HEPARINE, LEUR PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES LES CONTENANT [54] HEPARIN-DERIVED POLYSACCHARIDE MIXTURES, PREPARATION METHOD AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME [72] PERRIN, ELISABETH, FR [72] PECQUET, CHRISTELLE, FR [72] VISKOV, CHRISTIAN, FR [72] DIAZ, JACQUES, FR [71] AVENTIS PHARMA S.A., FR [85] 2003-01-20 [86] 2001-07-18 (PCT/FR2001/002332) [87] 2002-01-31 (WO2002/008295) [30] FR (00/09572) 2000-07-21</p>
<p style="text-align: right;">[21] 2,416,666 [13] A1</p> <p>[51] Int.Cl. 7B62K 27/00 7B62K 27/14 [25] FR [54] REMORQUE POUR UN VEHICULE DEUX-ROUES [54] TWO-WHEELED VEHICLE TRAILER [72] WITSCHI, CHRISTOPHE, FR [71] WITSCHI, CHRISTOPHE, FR [85] 2003-01-20 [86] 2001-07-18 (PCT/FR2001/002331) [87] 2002-01-31 (WO2002/008049) [30] FR (00/09616) 2000-07-21</p>	<p style="text-align: right;">[21] 2,416,666 [13] A1</p> <p>[51] Int.Cl. 7B62K 27/00 7B62K 27/14 [25] FR [54] REMORQUE POUR UN VEHICULE DEUX-ROUES [54] TWO-WHEELED VEHICLE TRAILER [72] WITSCHI, CHRISTOPHE, FR [71] WITSCHI, CHRISTOPHE, FR [85] 2003-01-20 [86] 2001-07-18 (PCT/FR2001/002331) [87] 2002-01-31 (WO2002/008049) [30] FR (00/09616) 2000-07-21</p>	<p style="text-align: right;">[21] 2,416,675 [13] A1</p> <p>[51] Int.Cl. 7G06F 17/60 [25] EN [54] COMMODITY SELLING OR BUYING METHOD USING NETWORK [54] PROCEDE D'ACHAT ET DE VENTE DE MARCHANDISES AU MOYEN D'UN RESEAU [72] OKUBO, NOBORU, JP [72] OKUBO, HIROSHI, JP [71] OAK, INC., JP [85] 2003-01-16 [86] 2001-07-17 (PCT/JP2001/006151) [87] 2003-01-16 (WO2002/007028) [30] JP (2000-219570) 2000-07-19 [30] JP (2001-165316) 2001-05-31</p>

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[21] **2,416,685**
[13] A1

[51] **Int.Cl. 7C07C 259/10 7C07D 295/088 7A61K 31/166 7A61K 31/5375**
[25] EN
[54] **OXYGENATED ESTERS OF 4- IODO PHENYLAMINO BENZHYDROXAMIC ACIDS**
[54] **ESTERS OXYGENES D'ACIDES 4- IODOPHENYLAMINO BENZHYDROXAMIQUES**
[72] TECLE, HAILE, US
[72] WARMUS, JOSEPH SCOTT, US
[72] BIWERSI, CATHLIN, US
[72] KAUFMAN, MICHAEL, US
[72] BARRETT, STEPHEN DOUGLAS, US
[72] CHEN, MICHAEL, US
[71] WARNER-LAMBERT COMPANY, US
[85] 2003-01-16
[86] 2001-07-12 (PCT/US2001/022331)
[87] 2002-01-24 (WO2002/006213)
[30] US (60/219,372) 2000-07-19

[21] **2,416,695**
[13] A1

[51] **Int.Cl. 7C07D 501/34 7A61P 31/04 7A61K 31/545**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF HIGHLY PURE CRYSTALLINE (R,S) - CEFUROXIME AXETIL**
[54] **PROCEDE DE PREPARATION D'UNE FORME CRISTALLINE (R,S) EXTREMEMENT PURE DE CEFUROXIME AXETIL**
[72] HANDA, VIJAY KUMAR, IN
[72] TYAGI, OM DUTT, IN
[72] YADAV, GYAN CHAND, IN
[71] RANBAXY LABORATORIES LIMITED, IN
[85] 2003-01-16
[86] 2001-07-16 (PCT/IB2001/001259)
[87] 2002-01-24 (WO2002/006289)
[30] IN (653/DEL/2000) 2000-07-17

[21] **2,416,698**
[13] A1

[51] **Int.Cl. 7C08G 63/48 7A61K 9/14 7C08G 63/91**
[25] EN
[54] **HYDROGEL FILMS AND METHODS OF MAKING AND USING THEREFOR**
[54] **FILMS D'HYDROGEL ET PROCEDES DE FABRICATION ET D'UTILISATION DE CES FILMS**
[72] LUO, YI, US
[72] KIRKER, KELLY R., US
[72] PRESTWICH, GLENN D., US
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US
[85] 2003-01-16
[86] 2001-07-17 (PCT/US2001/022556)
[87] 2002-01-24 (WO2002/006373)
[30] US (60/218,725) 2000-07-17

[21] **2,416,687**
[13] A1

[51] **Int.Cl. 7G01N 23/207 7G01N 23/04 7G01N 23/20 7G01N 23/201 7H05G 1/64**
[25] EN
[54] **APPARATUS AND METHOD FOR IN-SITU MEASUREMENT OF RESIDUAL SURFACE STRESSES**
[54] **APPAREIL ET PROCEDE DE MESURE IN SITU DES CONTRAINTES RESIDUELLES SUPERFICIELLES**
[72] RUUD, CLAYTON O., US
[71] ELECTRIC POWER RESEARCH INSTITUTE, INC., US
[85] 2003-01-16
[86] 2001-07-19 (PCT/US2001/022780)
[87] 2002-01-31 (WO2002/008739)
[30] US (60/219,997) 2000-07-21

[21] **2,416,696**
[13] A1

[51] **Int.Cl. 7A61L 9/12 7A61L 9/03**
[25] EN
[54] **SYSTEM AND METHODS FOR DISPENSING SCENTS**
[54] **SYSTEME ET PROCEDES PERMETTANT DE DISPERSER DES PARFUMS DANS LE MILIEU AMBIANT ET DE PRODUIRE DES ARTICLES MANUFACTURES CONTENANT DU PARFUM**
[72] BARTSCH, ERIC RICHARD, US
[72] TRINH, TOAN, US
[72] GOODALL, KEVIN GEORGE, US
[72] PALJIEG, STEPHEN JOSEPH, US
[72] RODRIGUEZ, PEDRO ANTONIO, US
[72] KVIETOK, FRANK ANDREJ, US
[72] OWENS, GROVER DAVID, US
[72] LAUDAMIEL-PELLET, CHRISTOPHE, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-01-16
[86] 2001-07-26 (PCT/US2001/023435)
[87] 2002-02-07 (WO2002/009776)
[30] US (PCT/US00/20499) 2000-07-27
[30] US (60/251,067) 2000-12-04
[30] US (09/730,226) 2000-12-05
[30] US (09/730,261) 2000-12-05
[30] US (09/730,333) 2000-12-05

[21] **2,416,700**
[13] A1

[51] **Int.Cl. 7A61K 35/00**
[25] EN
[54] **CELL IMPLANTATION THERAPY FOR NEUROLOGICAL DISEASES OR DISORDERS**
[54] **THERAPIE D'IMPLANTATION CELLULAIRE DESTINEE AUX TROUBLES OU MALADIES NEUROLOGIQUES**
[72] ISACSON, OLE, US
[72] KIM, KWANG SOO, US
[71] THE MCLEAN HOSPITAL CORPORATION, US
[85] 2003-01-16
[86] 2001-07-27 (PCT/US2001/041424)
[87] 2002-02-07 (WO2002/009733)
[30] US (09/626,677) 2000-07-27

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<p style="text-align: right;">[21] 2,416,704 [13] A1</p> <p>[51] Int.Cl. 7H01M 4/38 7H01M 4/58 [25] EN [54] ELECTROCHEMICAL HYDROGEN STORAGE ALLOYS FOR NICKEL METAL, HYDRIDE BATTERIES, FUEL CELLS, AND METHODS OF MANUFACTURING SAME [54] ALLIAGES ELECTROCHIMIQUES DE STOCKAGE D'HYDROGENE POUR BATTERIES, PILES A COMBUSTIBLE AU NICKEL ET A L'HYDRURE METALLIQUE, ET LEURS PROCEDES DE FABRICATION [72] TING, JASON, US [72] CHAO, BENJAMIN, US [72] HABEL, ULRIKE K., US [72] HUANG, BAOQUAN, US [72] EISEN, WILLIAM B., US [72] PERETTI, MICHAEL W., US [72] YOUNG, ROSA, US [71] ENERGY CONVERSION DEVICES, INC., US [71] CRUCIBLE MATERIALS CORPORATION, US [85] 2003-01-16 [86] 2001-07-17 (PCT/US2001/022433) [87] 2002-01-24 (WO2002/007240) [30] US (09/617,162) 2000-07-17</p>	<p style="text-align: right;">[21] 2,416,711 [13] A1</p> <p>[51] Int.Cl. 7A61B 17/00 [25] EN [54] SURGICAL TOOL AND METHOD FOR PASSING PILOT-LINE SUTURES THROUGH SPINAL VERTEBRAE [54] INSTRUMENT CHIRURGICAL ET METHODE DESTINEE A FAIRE PASSER DES SUTURES "LIGNE PILOTE" A TRAVERS LES VERTEBRES DE LA COLONNE VERTEBRALE [72] LAWSON, KEVIN JON, US [71] LAWSON, KEVIN JON, US [85] 2003-01-16 [86] 2001-07-10 (PCT/US2001/021699) [87] 2002-01-31 (WO2002/007607) [30] US (09/624,724) 2000-07-25</p>	<p style="text-align: right;">[21] 2,416,719 [13] A1</p> <p>[51] Int.Cl. 7B01J 29/06 7B01J 21/00 7B01J 21/04 7C07C 5/22 7B01J 23/40 7B01J 23/42 7B01J 23/44 7B01J 23/56 [25] EN [54] NAPHTHENE RING OPENING OVER AN IRIIDIUM RING OPENING CATALYST [54] OUVERTURE DE NOYAU NAPHTENIQUE AU MOYEN D'UN CATALYSEUR D'OUVERTURE DE NOYAU A L'IRIDIUM [72] BAIRD, WILLIAM CHALMERS JR., US [72] KLEIN, DARRYL PATRICK, US [72] CHEN, JINGGUANG G., US [72] MCVICKER, GARY BRICE, US [71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US [85] 2003-01-16 [86] 2001-07-19 (PCT/US2001/022737) [87] 2002-01-31 (WO2002/007881) [30] US (60/220,092) 2000-07-21 [30] US (09/897,194) 2001-07-02</p>
<p style="text-align: right;">[21] 2,416,707 [13] A1</p> <p>[51] Int.Cl. 7C07D 307/32 [25] EN [54] CONTINUOUS PROCESS FOR THE PRODUCTION OF OPTICALLY PURE (S)-.BETA.-HYDROXY-.GAMMA.-BUTYROLACTONE [54] PROCEDE CONTINU DE PRODUCTION DE (S)-.BETA.-HYDROXY-.GAMMA.BUTYROLACTONE OPTIQUEMENT PURE [72] KWAK, BYONG-SUNG, KR [72] CHUNG, KI-NAM, KR [72] KIM, TAE-YUN, KR [72] KIM, CHOON-GIL, KR [72] KIM, JIN-WOONG, KR [72] KOH, KI-HO, KR [71] SK CORPORATION, KR [85] 2003-01-16 [86] 2001-01-17 (PCT/KR2001/000071) [87] 2002-02-07 (WO2002/010147) [30] KR (2000/43472) 2000-07-27</p>	<p style="text-align: right;">[21] 2,416,715 [13] A1</p> <p>[51] Int.Cl. 7G01F 11/00 7B67D 5/56 [25] EN [54] MULTIPLE FLAVOR BEVERAGE DISPENSING AIR-MIX NOZZLE [54] BUSE DE MELANGE D'AIR DESTINEE A LA DISTRIBUTION DE BOISSONS A PLUSIEURS PARFUMS [72] SANTY, JOHN D., JR, US [71] LANCER PARTNERSHIP, LTD., US [85] 2003-01-16 [86] 2001-08-06 (PCT/US2001/024452) [87] 2002-02-14 (WO2002/012837) [30] US (09/633,384) 2000-08-07</p>	<p style="text-align: right;">[21] 2,416,723 [13] A1</p> <p>[51] Int.Cl. 7A61M 25/00 7A61M 5/00 [25] EN [54] DETECTABLE HEAVY DUTY NEEDLE [54] AIGUILLE TRES RESISTANTE POUVANT ETRE DETECTEE [72] PRINDLE, GORDON E., US [71] IDEAL INSTRUMENTS, INC., US [85] 2003-01-16 [86] 2001-07-27 (PCT/US2001/023637) [87] 2002-05-23 (WO2002/040087) [30] US (09/714,041) 2000-11-16</p>
<p style="text-align: right;">[21] 2,416,717 [13] A1</p> <p>[51] Int.Cl. 7B01J 2/04 7B01J 2/20 [25] EN [54] METHODS AND APPARATUS FOR PRODUCING GRANULAR COMPOSITIONS [54] PROCEDES ET APPAREIL DE PRODUCTION DE COMPOSITIONS GRANULAIRES [72] PINYAYEV, ALEKSEY MIKHAILOVICH, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2003-01-16 [86] 2001-08-03 (PCT/US2001/024537) [87] 2002-02-14 (WO2002/011875) [30] US (60/222,553) 2000-08-03</p>	<p style="text-align: right;">[21] 2,416,724 [13] A1</p> <p>[51] Int.Cl. 7B03B 5/16 [25] EN [54] JIGGING MACHINE [54] CRIBLE LAVEUR A SECOUSSES [72] MAININ, BURKIT, KZ [72] MAININA, ZHANAT, KZ [72] MAININA, ZHIBEK, KZ [72] ERMEKOVA, GULNAR, KZ [71] MAININ, BURKIT, KZ [85] 2003-01-16 [86] 2000-07-27 (PCT/KZ2000/000004) [87] 2003-01-16 (WO2002/013974) [30] KZ (2000/0825.1) 2000-07-24</p>	

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[21] **2,416,730**
[13] A1

[51] **Int.Cl. 7H05B 37/02 7H02M 7/00**
[25] EN
[54] **METHOD AND APPARATUS FOR ARC DETECTION AND PROTECTION FOR ELECTRONIC BALLASTS**
[54] **PROCEDE ET APPAREIL DE DETECTION A L'ARC ET DE PROTECTION DE REGULATEURS ELECTRONIQUES**
[72] ALEXANDROV, FELIX I., US
[71] OSRAM SYLVANIA INC., US
[85] 2003-01-16
[86] 2001-07-23 (PCT/US2001/023133)
[87] 2002-01-31 (WO2002/009479)
[30] US (60/220,044) 2000-07-21

[21] **2,416,731**
[13] A1

[51] **Int.Cl. 7A61K 9/00**
[25] EN
[54] **LIPOSOMIC FORMULATION OF CLOBETASOL PROPIONATE**
[54] **FORMULATION LIPOSOMIQUE DE PROPIONATE DE CLOBETASOL**
[72] ALBERTOVNA DIDUK, NATALIA, CU
[72] DE LA PAZ MARTIN-VIANA, NILIA, CU
[72] GARCIA LEON, LADYTH DE LA CARIDAD, CU
[72] PEREZ GUTIERREZ, XIOMARA, CU
[72] HERNANDEZ GONZALEZ, IGNACIO, CU
[72] GRANDA CORTADA, DINORAH, CU
[72] ROCHE GONZALEZ, AYMEE, CU
[71] CENTRO DE INVESTIGACION Y DESARROLLO DE MEDICAMENTOS (CIDEM), CU
[85] 2003-01-16
[86] 2001-07-17 (PCT/CU2001/000005)
[87] 2003-01-16 (WO2002/007702)
[30] CU (171/2000) 2000-07-17

[21] **2,416,744**
[13] A1

[51] **Int.Cl. 7B01D 53/00**
[25] EN
[54] **DEVICE AND METHODS FOR SUBDIVIDING AND FILTERING GEL MATERIAL AND EXTRACTING MOLECULES THEREFROM**
[54] **DISPOSITIF ET PROCEDES DE SUBDIVISION ET DE FILTRATION DE MATIERE DE GEL ET D'EXTRACTION DE MOLECULES DE CELLE-CI**
[72] AMSHEY, JOSEPH W., US
[72] BOGOEV, ROUMEN A., US
[72] WHITNEY, SCOTT E., US
[71] INVITROGEN CORPORATION, US
[85] 2003-01-16
[86] 2001-07-18 (PCT/US2001/022452)
[87] 2002-01-24 (WO2002/005930)
[30] US (60/218,821) 2000-07-18

[21] **2,416,747**
[13] A1

[51] **Int.Cl. 7H02G 3/04 7G02B 6/46**
[25] EN
[54] **OPTICAL FIBER CABLE EXIT TROUGH SYSTEM**
[54] **SYSTEME DE CANIVEAU DE SORTIE DE CABLE A FIBRES OPTIQUES**
[72] THOM, TERRY T., US
[71] TELECT, INC., US
[85] 2003-01-16
[86] 2002-05-31 (PCT/US2002/017384)
[87] 2002-12-12 (WO2002/099467)
[30] US (09/873,007) 2001-06-01

[21] **2,416,756**
[13] A1

[51] **Int.Cl. 7B01L 7/00 7B01L 3/00**
[25] FR
[54] **DISPOSITIF POUR L'AMPLIFICATION EN CHAINE THERMO-DEPENDANTE DE SEQUENCES D'ACIDES NUCLEIQUES CIBLES**
[54] **DEVICE FOR HEAT-DEPENDENT CHAIN AMPLIFICATION OF TARGET NUCLEIC ACID SEQUENCES**
[72] FESTOC, GABRIEL, FR
[71] GENESYSTEMS, FR
[85] 2003-01-20
[86] 2001-07-20 (PCT/FR2001/002385)
[87] 2002-02-07 (WO2002/009877)
[30] FR (00/10029) 2000-07-28

[21] **2,416,761**
[13] A1

[51] **Int.Cl. 7C12N 15/62 7C07H 21/00 7A61K 39/00 7A61P 31/12 7A61K 38/17**
[25] FR
[54] **PROCEDE DE CIBLAGE DE PEPTIDES UTILISABLES EN IMMUNOTHERAPIE**
[54] **METHOD FOR SCREENING PEPTIDES FOR USE IN IMMUNOTHERAPY**
[72] KOSMATOPOULOS, KOSTAS, FR
[72] GROSS, DAVID ALEXANDRE, FR
[72] TOURDOT, SOPHIE, FR
[72] SCARDINO, ANTONIO, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] INSTITUT GUSTAVE ROUSSY (IGR), FR
[85] 2003-01-20
[86] 2001-07-20 (PCT/FR2001/002387)
[87] 2002-01-31 (WO2002/008716)
[30] FR (00/09591) 2000-07-21

[21] **2,416,767**
[13] A1

[51] **Int.Cl. 7A61K 31/155 7A61K 9/08**
[25] EN
[54] **LIQUID FORMULATION OF METFORMIN**
[54] **FORMULATION LIQUIDE DE METFORMINE**
[72] CHANDRAN, RAVI, US
[72] GOGIA, ASHISH, IN
[71] RANBAXY SIGNATURE LLC, US
[85] 2003-02-04
[86] 2001-08-07 (PCT/IB2001/001409)
[87] 2002-02-14 (WO2002/011716)
[30] US (60/223,391) 2000-08-07

[21] **2,416,831**
[13] A1

[51] **Int.Cl. 7H05B 3/14 7H01C 7/02 7H05B 3/10 7H05B 3/12 7F02M 31/125 7H05B 3/18 7H05B 3/40 7H05B 3/42 7H05B 3/44 7H05B 3/48 7H05B 3/58**
[25] EN
[54] **ELECTRIC HEATING DEVICE**
[54] **DISPOSITIF DE CHAUFFAGE ELECTRIQUE**
[72] RUSSEGGER, ELIAS, AT
[71] RUSSEGGER, ELIAS, AT
[85] 2003-02-07
[86] 2001-05-15 (PCT/EP2001/005470)
[87] 2003-02-07 (WO2001/097566)
[30] DE (100 29 244.5) 2000-06-14
[30] DE (200 19 890.4) 2000-11-22

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[21] **2,416,873**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] FR
[54] **PROCEDE DE DETECTION DE MICROORGANISMES**
[54] **METHOD FOR DETECTING MICRO-ORGANISMS**
[72] ALRIC, MONIQUE, FR
[72] RENAUD, MICHEL, FR
[72] BALLUT, LIONEL, FR
[72] MEINIEL, OLIVIER, FR
[72] ROMOND, PIERRE-CHARLES, FR
[71] DIGESTAR, FR
[85] 2003-01-21
[86] 2001-07-20 (PCT/FR2001/002371)
[87] 2002-01-31 (WO2002/008459)
[30] FR (00/09600) 2000-07-21
[30] FR (00/12524) 2000-10-02

[21] **2,416,877**
[13] A1

[51] **Int.Cl. 7A01K 67/027 7A61K 48/00 7A61K 35/12 7A61K 35/28 7C07K 16/46**
[25] EN
[54] **SOMATIC CLONING GENE TRANSFER FOR THE PRODUCTION OF RECOMBINANT PROTEINS, CELLS AND ORGANS**
[54] **CLONAGE/TRANSFERT DE GENE SOMATIQUE POUR PRODUIRE PAR RECOMBINAISON DES PROTEINES, DES CELLULES ET DES ORGANES**
[72] BREM, GOTTFRIED, DE
[71] APOGENE GMBH & CO. KG, DE
[85] 2003-01-22
[86] 2000-07-27 (PCT/EP2000/007239)
[87] 2003-01-22 (WO2002/009507)

[21] **2,416,896**
[13] A1

[51] **Int.Cl. 7C10G 2/00**
[25] EN
[54] **PROCESS FOR INCREASING COBALT CATALYST HYDROGENATION ACTIVITY VIA AQUEOUS LOW TEMPERATURE OXIDATION**
[54] **PROCEDE DESTINE A AUGMENTER L'ACTIVITE D'HYDROGENATION D'UN CATALYSEUR DE COBALT PAR OXYDATION A BASSE TEMPERATURE DANS L'EAU**
[72] CLAVENNA, LEROY RUSSELL, US
[72] KOVEAL, RUSSELL JOHN JR., US
[72] DAAGE, MICHEL ANDRE, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2003-01-22
[86] 2001-07-19 (PCT/US2001/022871)
[87] 2002-02-07 (WO2002/009873)
[30] US (09/628,407) 2000-08-01

[21] **2,416,897**
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 12/56**
[25] EN
[54] **TCP FLOW CONTROL**
[54] **CONTROLE DE FLUX**
[72] RUUTU, JUSSI, FI
[72] MA, JIAN, CN
[71] NOKIA CORPORATION, FI
[85] 2003-01-22
[86] 2001-07-24 (PCT/IB2001/001664)
[87] 2002-01-31 (WO2002/009389)
[30] GB (0018119.8) 2000-07-24

[21] **2,416,898**
[13] A1

[51] **Int.Cl. 7A61P 37/00 7C07K 16/00 7A61P 35/00 7C12N 5/10 7A61K 38/19 7A61K 39/385 7A61K 39/395 7G01N 33/68 7C12N 15/866**
[25] EN
[54] **METHOD AND COMPOSITION FOR ALTERING A B CELL MEDIATED PATHOLOGY**
[54] **METHODE ET COMPOSITION DE MODIFICATION D'UNE PATHOLOGIE A MEDIATION ASSUREE PAR LES LYMPHOCYTES B**
[72] GOLD, DANIEL P., US
[72] SHOPES, ROBERT J., US
[71] FAVRILLE, INC., US
[85] 2003-01-21
[86] 2001-08-10 (PCT/US2001/025204)
[87] 2002-02-21 (WO2002/013862)
[30] US (60/224,723) 2000-08-11
[30] US (60/224,722) 2000-08-11
[30] US (60/279,079) 2001-03-23

[21] **2,416,902**
[13] A1

[51] **Int.Cl. 7B66B 13/22**
[25] EN
[54] **MONITORING DEVICE FOR AN ELEVATOR**
[54] **DISPOSITIF DE SURVEILLANCE POUR ASCENSEUR**
[72] SCHUSTER, KILLIAN, CH
[71] INVENTIO AG, CH
[85] 2003-01-22
[86] 2001-08-02 (PCT/CH2001/000474)
[87] 2003-01-22 (WO2002/012109)
[30] EP (00810706.2) 2000-08-07

[21] **2,416,905**
[13] A1

[51] **Int.Cl. 7B65G 47/24 7G07F 7/06**
[25] EN
[54] **DEVICE FOR HANDLING LIQUID CONTAINERS**
[54] **DISPOSITIF DE MANUTENTION DE RECIPIENTS POUR LIQUIDES**
[72] RYPE, JAN, NO
[72] HOLMEN, KRISTIAN, NO
[72] ROGNHAUG, JACOB SOMMING, NO
[71] TOMRA SYSTEMS ASA, NO
[85] 2003-01-22
[86] 2001-08-01 (PCT/NO2001/000329)
[87] 2002-02-14 (WO2002/012095)
[30] NO (20003976) 2000-08-04

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[21] **2,416,906**
[13] A1

[51] **Int.Cl. 7C07D 487/04 7C07D 235/00 7C07C 273/18 7C07C 275/24 7C07F 9/6596 7C07D 233/88**

[25] EN

[54] **SYNTHESIS OF (R)-3-(4-BROMOBENZYL)-1-(3,5-DICHLOROPHENYL)-5-iodo-3-METHYL-1-H-IMIDAZO[1,2-A]IMIDAZOL-2-ONE**

[54] **SYNTHESE DE (R)-3-(4-BROMOBENZYL)-1-(3,5-DICHLOROPHENYL)-5-iodo--3-METHYL-1-H-IMIDAZO[1,2-A]IMIDAZOL-2-ONE**

[72] JOHNSON, MICHAEL DALE, US
[72] FRUTOS, ROGELIO P., US
[71] BOEHRINGER INGELHEIM PHARMACEUTICALS, INC., US
[85] 2003-01-22
[86] 2001-07-31 (PCT/US2001/023996)
[87] 2002-02-14 (WO2002/012243)
[30] US (60/224,166) 2000-08-09

[21] **2,416,908**
[13] A1

[51] **Int.Cl. 7C08G 18/12 7C09J 175/04 7C08G 18/40**

[25] EN

[54] **ONE-PART MOISTURE CURABLE POLYURETHANE ADHESIVE**

[54] **ADHESIF DURCISSANT A BASE DE POLYURETHANNE ADHESIVE A UNE PARTIE D'HUMIDITE**

[72] ZHOU, LIRONG, US
[71] THE DOW CHEMICAL COMPANY, US
[85] 2003-01-22
[86] 2001-08-07 (PCT/US2001/024703)
[87] 2002-02-14 (WO2002/012365)
[30] US (60/223,135) 2000-08-07

[21] **2,416,922**
[13] A1

[51] **Int.Cl. 7B60R 13/02 7B29C 41/00**

[25] EN

[54] **METHOD FOR MANUFACTURING AN AUTOMOTIVE TRIM PART**

[54] **PROCEDE DE FABRICATION D'UN ELEMENT DE GARNISSAGE POUR AUTOMOBILE**

[72] WILLEMS, JAN, BE
[72] DE WINTER, HUGO, BE
[71] RECTICEL, BE
[85] 2003-01-22
[86] 2001-07-31 (PCT/BE2001/000124)
[87] 2002-02-07 (WO2002/009977)
[30] EP (00870171.6) 2000-08-01

[21] **2,416,939**
[13] A1

[51] **Int.Cl. 7A47J 31/40**

[25] FR

[54] **GROUPE PERCOLATEUR A CHAMBRE D'INFUSION MOBILE ET DEMONTABLE SANS OUTILLAGE**

[54] **PERCOLATOR UNIT WITH MOBILE INFUSION CHAMBER AND DETACHABLE WITHOUT USING TOOLS**

[72] VERSINI, ROLLAND, FR
[71] VERSINI, ROLLAND, FR
[85] 2003-01-30
[86] 2001-08-02 (PCT/FR2001/002531)
[87] 2002-02-07 (WO2002/009563)
[30] FR (00/10220) 2000-08-02

[21] **2,416,946**
[13] A1

[51] **Int.Cl. 7C07D 207/333 7C07D 275/02 7C07D 471/04 7C07D 401/06 7C07D 403/06 7C07D 405/06 7C07D 409/06 7C07D 417/06 7C07D 403/10 7C07D 417/10 7C07D 209/12 7C07D 231/12 7C07D 333/22 7A61K 31/40 7A61K 31/4709 7A61K 31/496 7A61K 31/498 7A61K 31/4985 7A61K 31/5377 7C07D 233/64**

[25] EN

[54] **PYRROLE DERIVATIVES**

[54] **DERIVES DU PYRROLE**

[72] NAGATA, RYU, JP
[72] TOKUNAGA, TERUHISA, JP
[72] KITOH, MAKOTO, JP
[72] HUME, WILLIAM EWAN, JP
[71] SUMITOMO PHARMACEUTICALS CO., LTD., JP
[85] 2003-01-22
[86] 2001-07-27 (PCT/JP2001/006495)
[87] 2003-01-22 (WO2002/010131)
[30] JP (2000-229423) 2000-07-28

[21] **2,416,959**
[13] A1

[51] **Int.Cl. 7H04M 11/00**

[25] EN

[54] **SYSTEM AND METHOD FOR UNIFIED MESSAGING IN INTER/INTRANET TELEPHONY**

[54] **SYSTEME ET PROCEDE DE MESSAGERIE UNIFIEE EN TELEPHONIE INTER/INTRANET**

[72] SINGH, KUNDAN, US
[72] SCHULZRINNE, HENNING, US
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY, US
[85] 2003-01-21
[86] 2001-08-13 (PCT/US2001/041694)
[87] 2002-02-21 (WO2002/015551)
[30] US (60/224,332) 2000-08-11

[21] **2,416,969**
[13] A1

[51] **Int.Cl. 7A61F 2/16**

[25] EN

[54] **ROLLABLE INTRAOCULAR LENS**

[54] **LENTILLE INTRAOCULAIRE POUVANT SE ROULER**

[72] MORGAN, DREW ANDERSON, US
[72] MORGAN, COURTNEY FLEM, US
[71] NOVARTIS AG, CH
[85] 2003-01-22
[86] 2001-08-16 (PCT/EP2001/009464)
[87] 2002-02-21 (WO2002/013728)
[30] US (60/225,955) 2000-08-17

[21] **2,416,974**
[13] A1

[51] **Int.Cl. 7C10G 2/00 7C07C 1/04 7B01J 37/10**

[25] EN

[54] **PROCESS FOR INCREASING CARBON MONOXIDE HYDROGENATION ACTIVITY OF CATALYSTS VIA LOW TEMPERATURE OXIDATION WITH WATER, STEAM OR MIXTURE THEREOF**

[54] **PROCEDE DESTINE A ACCROITRE L'ACTIVITE D'HYDROGENATION DE MONOXYDE DE CARBONE DE CATALYSEURS PAR OXYDATION A BASSE TEMPERATURE AVEC L'EAU, LA VAPEUR, OU LEUR MELANGE**

[72] WACHTER, WILLIAM AUGUSTINE, US
[72] HOWSMON, GREGG JOHNSTON, US
[72] ELKS, JEFFREY THOMAS, US
[72] CLAVENNA, LEROY RUSSELL, US
[72] CULROSS, CLAUDE CLARENCE, US
[72] WOO, HYUNG SUK, US
[72] MAULDIN, CHARLES HARRISON, US
[72] KLIEWER, CHRISTINE ESTHER, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2003-01-22
[86] 2001-07-19 (PCT/US2001/022870)
[87] 2002-02-07 (WO2002/009874)
[30] US (09/630,279) 2000-08-01

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<p style="text-align: right;">[21] 2,416,976 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/00 [25] EN [54] METHOD OF TREATING ESTROGEN RECEPTOR POSITIVE CARCINOMA [54] PROCEDE DE TRAITEMENT D'UN CARCINOME A RECEPTEUR D'OESTROGENE [72] ZHANG, YIXIAN, US [72] SADLER, TAMMY MICHELLE, US [72] GREENBERGER, LEE MARTIN, US [72] FROST, PHILIP, US [71] WYETH COMPANY, US [85] 2003-01-22 [86] 2001-08-06 (PCT/US2001/024615) [87] 2002-02-21 (WO2002/013802) [30] US (60/224,326) 2000-08-11</p>	<p style="text-align: right;">[21] 2,416,983 [13] A1</p> <p>[51] Int.Cl. 7C07C 2/76 7B01J 29/48 [25] EN [54] CATALYST AND PROCESS FOR AROMATIC HYDROCARBONS PRODUCTION FROM METHANE [54] CATALYSEUR ET PROCEDE DE PRODUCTION D'HYDROCARBURES AROMATIQUES A PARTIR DE METHANE [72] LEDOUX, MARC, FR [72] BASSO, STEPHAN, FR [72] WRIGHT, HAROLD, US [72] CUONG, PHAM-HUU, FR [72] ALLISON, JOE D., US [71] CONOCO INC., US [85] 2003-01-22 [86] 2001-07-27 (PCT/US2001/023769) [87] 2002-02-07 (WO2002/010099) [30] US (60/221,082) 2000-07-27</p>	<p style="text-align: right;">[21] 2,416,989 [13] A1</p> <p>[51] Int.Cl. 7A63B 37/14 7A63B 37/00 [25] EN [54] GOLF BALL WITH NON-CIRCULAR SHAPED DIMPLES [54] BALLE DE GOLF PRESENTANT DES ALVEOLES DE FORME NON CIRCULAIRE [72] HAMILTON, PETER WORTHINGTON, US [72] TWEDDELL, RICHARD III, US [72] MCGUIRE, KENNETH STEPHEN, US [71] THE PROCTER & GAMBLE COMPANY, US [85] 2003-01-22 [86] 2001-08-14 (PCT/US2001/025463) [87] 2002-02-21 (WO2002/013916) [30] US (09/639,362) 2000-08-15 [30] US (09/654,573) 2000-09-01 [30] US (09/662,861) 2000-09-15</p>
<p style="text-align: right;">[21] 2,416,977 [13] A1</p> <p>[51] Int.Cl. 7A61L 2/20 [25] EN [54] DEVICE FOR STERILISING PACKAGING USING HYDROGEN PEROXIDE [54] DISPOSITIF DE STERILISATION D'EMBALLAGES AU PEROXYDE D'HYDROGENE [72] ROMER, MICHAEL, DE [72] SORENSEN, KARSTEN B., DE [72] ARMBRUSTER, HANS, DE [72] WOLF, MICHAEL, DE [71] TETRA LAVAL HOLDINGS & FINANCE, S.A., CH [85] 2003-01-22 [86] 2001-07-28 (PCT/EP2001/008779) [87] 2003-01-22 (WO2002/015946) [30] DE (100 40 861.3) 2000-08-21</p>	<p style="text-align: right;">[21] 2,416,984 [13] A1</p> <p>[51] Int.Cl. 7B61H 5/00 7B60T 1/06 7F16D 65/12 7B61C 9/44 [25] EN [54] DRIVE UNIT FOR DRIVING AT LEAST ONE WHEEL DRIVE SHAFT, ESPECIALLY A WHEELSET AXLE [54] UNITE D'ENTRAINEMENT SERVANT A ENTRAINER AU MOINS UN ARBRE D'ENTRAINEMENT DE ROUES, NOTAMMENT UN ESSIEU [72] DENTELER, FRIEDER, DE [72] REUSCH, JURGEN, DE [72] KAMPER, HARALD, DE [71] VOITH TURBO GMBH & CO. KG, DE [85] 2003-01-06 [86] 2001-07-04 (PCT/EP2001/007662) [87] 2003-01-06 (WO2002/004274) [30] DE (100 32 707.9) 2000-07-07</p>	<p style="text-align: right;">[21] 2,416,990 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/70 7A23L 1/0522 7A23L 1/0528 7A23L 1/053 7A23L 1/308 7A61K 31/715 [25] EN [54] NUTRITIONAL COMPOSITION [54] COMPOSITION NUTRITIONNELLE [72] ROCHAT, FLORENCE, CH [72] BALLEVRE, OLIVIER, CH [72] JANN, ALFRED, FR [71] SOCIETE DES PRODUITS NESTLE S.A., CH [85] 2003-01-22 [86] 2001-07-17 (PCT/EP2001/008283) [87] 2002-01-31 (WO2002/007533) [30] EP (00115850.0) 2000-07-24</p>
		<p style="text-align: right;">[21] 2,416,997 [13] A1</p> <p>[51] Int.Cl. 7G09B 9/00 7G01M 17/00 [25] EN [54] RIGHT AND LEFT STEADY SPEED SIMULATOR FOR RAILROADS [54] SIMULATEUR DE VITESSE CONSTANTE VERS LA DROITE ET VERS LA GAUCHE DESTINE A DES LIGNES DE CHEMIN DE FER [72] MORIMOTO, EIICHI, JP [72] OKABE, HITOSHI, JP [72] HASHIMOTO, ATSUSHI, JP [71] CENTRAL JAPAN RAILWAY COMPANY, JP [85] 2002-12-27 [86] 2001-06-25 (PCT/JP2001/005429) [87] 2002-12-27 (WO2002/003360) [30] JP (2000-198775) 2000-06-30</p>

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[21] **2,416,998**
[13] A1

[51] **Int.Cl. 7G01V 5/00**
[25] EN
[54] **APPARATUS FOR IMAGING OBJECTS ON THE REMOTE SIDE OF A BARRIER USING RADIATION**
[54] **APPAREIL POUR OBTENIR DES IMAGES D'OBJETS PAR RAYONNEMENT DU COTE DISTANT D'UNE BARRIERE**
[72] CATER, ANTHONY, GB
[72] JUPP, IAN, GB
[72] BURROWS, DAVID, GB
[72] DERMODY, GERAINT, GB
[72] PLEASANTS, IAN, GB
[71] THE SECRETARY OF STATE OF DEFENCE, GB
[85] 2003-01-22
[86] 2001-08-02 (PCT/GB2001/003486)
[87] 2002-02-14 (WO2002/012923)
[30] GB (0019451.4) 2000-08-09

[21] **2,417,009**
[13] A1

[51] **Int.Cl. 7H01F 38/30 7H01F 27/04 7H01F 38/32**
[25] FR
[54] **SYSTEME DE BALISAGE A ISOLATION ET ETANCHEITE RENFORCEES**
[54] **BEACON SYSTEM WITH ENHANCED INSULATION AND SEALING**
[72] LEBEL, PATRICK, FR
[71] AUGIER S.A., FR
[85] 2003-01-22
[86] 2001-08-03 (PCT/FR2001/002551)
[87] 2002-02-14 (WO2002/013213)
[30] FR (00/10409) 2000-08-04

[21] **2,417,013**
[13] A1

[51] **Int.Cl. 7H01M 8/12 7H01G 4/12 7H01M 4/48 7H01M 4/90**
[25] EN
[54] **MIXED OXIDE MATERIAL, ELECTRODE AND METHOD OF MANUFACTURING THE ELECTRODE AND ELECTROCHEMICAL CELL COMPRISING IT**
[54] **MATERIAU ACTIF A OXYDE MIXTE, ELECTRODE ET PROCEDE DE FABRICATION DE L'ELECTRODE, CELLULE ELECTROCHIMIQUE COMPRENANT CETTE DERNIERE**
[72] ELZINGA, GERARD DOUWE, NL
[72] PLOMP, LAMBERTUS, NL
[72] VAN HEUVELN, FREDERIK HENDRIK, NL
[71] ENERGIEONDERZOEK CENTRUM NEDERLAND, NL
[85] 2003-01-22
[86] 2001-07-26 (PCT/NL2001/000621)
[87] 2002-02-14 (WO2002/013302)
[30] NL (1015886) 2000-08-07
[30] NL (1017632) 2001-03-19
[30] NL (1018266) 2001-06-12

[21] **2,417,021**
[13] A1

[51] **Int.Cl. 7H03K 3/315 7H03K 5/156**
[25] EN
[54] **METHOD AND APPARATUS FOR A DIGITAL CLOCK MULTIPLICATION CIRCUIT**
[54] **PROCEDE ET APPAREIL POUR UN CIRCUIT NUMERIQUE DE MULTIPLICATION DES IMPULSIONS D'HORLOGE**
[72] LYE, KIN MUN, SG
[72] JOE, JURianto, SG
[71] THE NATIONAL UNIVERSITY OF SINGAPORE, SG
[85] 2003-01-22
[86] 2000-08-04 (PCT/IB2000/001164)
[87] 2002-02-14 (WO2002/013385)

[21] **2,417,024**
[13] A1

[51] **Int.Cl. 7H04B 10/00 7H04B 10/02**
[25] EN
[54] **A WDM SYSTEM THAT USES NONLINEAR TEMPORAL GRATINGS AS A NEW OPTICAL SOLITARY WAVE**
[54] **SYSTEME MRL UTILISANT DES RESEAUX TEMPORELS NON LINEAIRES COMME NOUVELLE ONDE SOLITAIRE OPTIQUE**
[72] HAKIMI, HOSAIN, US
[72] HAKIMI, FARHAD, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[85] 2003-01-22
[86] 2001-08-01 (PCT/US2001/024172)
[87] 2002-02-14 (WO2002/013422)
[30] US (60/222,708) 2000-08-03
[30] US (60/244,298) 2000-10-30
[30] US (09/722,080) 2000-11-22
[30] US (09/802,751) 2001-03-08

[21] **2,417,030**
[13] A1

[51] **Int.Cl. 7H04N 7/24**
[25] EN
[54] **LOW COST VSB ENCODER AND RF MODULATOR FOR SUPPLYING A SUBSTANTIALLY 6 MHZ VSB SIGNAL TO DIGITAL TELEVISION RECEIVER**
[54] **CODEUR VSB ECONOMIQUE ET MODULATEUR RF FOURNISSANT UN SIGNAL VSB D'ENVIRON 6 MHZ A UN RECEPTEUR NUMERIQUE DE TELEVISION**
[72] HORWITZ, THOMAS P., US
[71] ZENITH ELECTRONICS CORPORATION, US
[85] 2003-01-22
[86] 2001-07-23 (PCT/US2001/023211)
[87] 2002-02-14 (WO2002/013534)
[30] US (09/632,545) 2000-08-04

[21] **2,417,103**
[13] A1

[51] **Int.Cl. 7B65B 35/08 7B65G 47/14 7B65B 35/26**
[25] EN
[54] **MEDICINE FEEDER**
[54] **DISPOSITIF D'ALIMENTATION DE MEDICAMENTS**
[72] ZHANG, BIN, US
[72] WANGU, MANOJ K., US
[71] MCKESSON AUTOMATION, INC., US
[85] 2003-02-07
[86] 2001-11-30 (PCT/US2001/044942)
[87] 2002-06-06 (WO2002/044027)
[30] US (09/726,855) 2000-11-30

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[21] **2,417,134**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7C12P 21/00 7G01N 33/50 7G01N 33/53 7G01N 33/566**
[25] EN
[54] **HO-1 SUPPRESSOR AS A DIAGNOSTIC AND PROGNOSTIC TEST FOR DEMENTING DISEASES**
[54] **SUPPRESSEUR DE HO-1 UTILE COMME TEST DE DIAGNOSTIC ET DE PRONOSTIC DANS LES MALADIES DEMENTIELLES**
[72] SCHIPPER, HYMAN M., CA
[71] THE SIR MORTIMER B. DAVIS - JEWISH GENERAL HOSPITAL, CA
[71] SCHIPPER, HYMAN M., CA
[85] 2003-01-23
[86] 2001-07-25 (PCT/CA2001/001066)
[87] 2002-01-31 (WO2002/008449)
[30] US (60/220,813) 2000-07-25

[21] **2,417,141**
[13] A1

[51] **Int.Cl. 7C07K 1/00**
[25] EN
[54] **NOVEL GLYCOPROTEINS AND METHODS OF USE THEREOF**
[54] **GLYCOPROTEINES ET PROCEDES D'UTILISATION**
[72] KELTON, CHRISTIE A., US
[72] HE, CHAOMEI, US
[72] EL TAYAR, NABIL, US
[72] CAMPBELL, ROBERT K., US
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN
[85] 2003-01-23
[86] 2001-08-10 (PCT/US2001/025240)
[87] 2002-02-21 (WO2002/014348)
[30] US (60/225,035) 2000-08-11
[30] US (09/851,465) 2001-05-08

[21] **2,417,165**
[13] A1

[51] **Int.Cl. 7A63F 13/00**
[25] EN
[54] **SYSTEM AND METHOD FOR REMOTE ROULETTE**
[54] **SYSTEME ET PROCEDE DE ROULETTE A DISTANCE**
[72] LINDO, HERBERT, US
[71] KENIWORTH SYSTEMS CORPORATION, US
[85] 2003-02-06
[86] 2001-08-09 (PCT/US2001/025010)
[87] 2002-02-21 (WO2002/013932)
[30] US (09/636,168) 2000-08-10

[21] **2,417,168**
[13] A1

[51] **Int.Cl. 7A61M 16/06 7A61M 16/00**
[25] EN
[54] **TWO-SHOT INJECTION MOLDED NASAL/ORAL MASK**
[54] **MASQUE NASAL ET ORAL MOULE PAR INJECTION EN DEUX PASSES**
[72] NAMEY, DAVID JR., US
[71] NAMEY, DAVID JR., US
[85] 2003-02-10
[86] 2001-08-10 (PCT/US2001/025097)
[87] 2002-02-21 (WO2002/013884)
[30] US (60/224,912) 2000-08-11
[30] US (09/924,849) 2001-08-08

[21] **2,417,172**
[13] A1

[51] **Int.Cl. 7A01G 7/00 7A01G 9/00 7A01G 31/00 7F21S 2/00 7G09F 9/33**
[25] EN
[54] **METHOD OF PRODUCING PLANTS, PLANT CULTIVATING DEVICE, AND LIGHT-EMITTING PANEL**
[54] **PROCEDE DE PRODUCTION DE PLANTES, DISPOSITIF DE CULTURE ET PANNEAU ELECTROLUMINESCENT**
[72] UCHIYAMA, HISAKAZU, JP
[71] COSMO PLANT CO., LTD., JP
[85] 2003-01-07
[86] 2001-04-06 (PCT/JP2001/003010)
[87] 2003-01-07 (WO2002/003777)
[30] JP (2000-207334) 2000-07-07

[21] **2,417,261**
[13] A1

[51] **Int.Cl. 7C12P 23/00**
[25] EN
[54] **CAROTENOID PRODUCTION FROM A SINGLE CARBON SUBSTRATE**
[54] **PRODUCTION DE CAROTENOIDES A PARTIR D'UN SUBSTRAT DE CARBONE SIMPLE**
[72] KOFFAS, MATTHEOS, US
[72] ODOM, J. MARTIN, US
[72] MILLER, EDWARD S., US
[72] DICOSIMO, DEANA J., US
[72] BRZOSTOWICZ, PATRICIA C., US
[72] ROUVIERE, PIERRE E., US
[72] PICATAGGIO, STEPHEN K., US
[72] CHENG, QIONG, US
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US
[85] 2003-01-24
[86] 2001-09-04 (PCT/US2001/027420)
[87] 2002-03-07 (WO2002/018617)
[30] US (60/229,858) 2000-09-01
[30] US (60/229,907) 2000-09-01

[21] **2,417,265**
[13] A1

[51] **Int.Cl. 7G01F 11/00**
[25] EN
[54] **METERING DEVICE FOR CONTAINER**
[54] **DOSEUR POUR RECIPIENT**
[72] PIOFFET, PATRICK, FR
[72] MOREAU, FABRICE, FR
[72] LOCOGE, PIERRE, FR
[71] OMS INVESTMENTS, INC., US
[85] 2003-02-07
[86] 2001-08-07 (PCT/US2001/041591)
[87] 2002-02-14 (WO2002/012838)
[30] FR (00/10490) 2000-08-09

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[21] **2,417,272**
[13] A1

[51] **Int.Cl. 7F41H 1/02**
[25] EN
[54] **MULTI-COMPONENT STAB AND BALLISTIC RESISTANT GARMENT AND METHOD**
[54] **VETEMENT MULTI-COMPOSE RESISTANT AUX BALLE ET A L'ARME BLANCHE, ET PROCEDE ASSOCIE**
[72] PICKETT, MARK S., US
[72] BACHNER, THOMAS E., JR., US
[71] SECOND CHANCE BODY ARMOR, INC., US
[85] 2003-02-06
[86] 2001-08-15 (PCT/US2001/041731)
[87] 2002-07-25 (WO2002/057702)
[30] US (60/225,553) 2000-08-16

[21] **2,417,304**
[13] A1

[51] **Int.Cl. 7A61K 31/255 7A61P 25/24 7A61K 31/35 7A61K 31/7048**
[25] EN
[54] **ANTICONVULSANT DERIVATIVES USEFUL FOR THE TREATMENT OF DEPRESSION**
[54] **DERIVES ANTICONVULSIVANTS UTILISES DANS LE TRAITEMENT DE LA DEPRESSION**
[72] PLATA-SALAMAN, CARLOS, US
[72] BACALTCHUK, JOSUE, BR
[72] PRADO-LIMA, PEDRO A. S., BR
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US
[85] 2003-01-31
[86] 2001-07-27 (PCT/US2001/023786)
[87] 2002-02-07 (WO2002/009694)
[30] US (60/222,489) 2000-08-02

[21] **2,417,319**
[13] A1

[51] **Int.Cl. 7C07H 17/08 7C07H 1/00**
[25] EN
[54] **PROCESS FOR PRODUCING ERYTHROMYCIN DERIVATIVE**
[54] **PROCEDE SERVANT A PREPARER UN DERIVE D'ERYTHROMYCINE**
[72] KASHIMURA, MASATO, JP
[72] KUWADA, TAKESHI, JP
[72] SUZUKI, NOBUYUKI, JP
[72] KAMIYAMA, HIROAKI, JP
[72] ADACHI, TAKASHI, JP
[71] TAISHO PHARMACEUTICAL CO., LTD., JP
[85] 2003-01-27
[86] 2001-08-10 (PCT/JP2001/006928)
[87] 2003-01-27 (WO2002/014339)
[30] JP (2000-245850) 2000-08-14

[21] **2,417,325**
[13] A1

[51] **Int.Cl. 7A01N 47/36 7A01N 25/30**
[25] EN
[54] **HERBICIDAL AGENT**
[54] **AGENTS HERBICIDES**
[72] KOCUR, JEAN, DE
[72] WURTZ, JOCHEN, DE
[72] SCHNABEL, GERHARD, DE
[72] KRAUSE, HANS-PETER, DE
[72] MARTINEZ DE UNA, JULIO, DE
[72] HAASE, DETLEV, DE
[72] BICKERS, UDO, DE
[71] BAYER CROPSCIENCE GMBH, DE
[85] 2002-12-18
[86] 2001-06-06 (PCT/EP2001/006417)
[87] 2002-12-18 (WO2001/097615)
[30] DE (100 29 169.4) 2000-06-19

[21] **2,417,331**
[13] A1

[51] **Int.Cl. 7A61K 38/28 7C12M 1/00 7A01N 1/00 7A01N 37/18 7A61K 31/715**
[25] EN
[54] **TRANSPLANT MEDIA**
[54] **MILIEU POUR TRANSPLANTATION**
[72] REID, TED W., US
[72] MCANULTY, JONATHAN F., US
[72] MURPHY, CHRISTOPHER J., US
[71] MURPHY, CHRISTOPHER J., US
[85] 2003-01-27
[86] 2001-07-27 (PCT/US2001/023785)
[87] 2002-02-07 (WO2002/009738)
[30] US (60/221,632) 2000-07-28
[30] US (60/249,602) 2000-11-17
[30] US (60/290,932) 2001-05-15

[21] **2,417,365**
[13] A1

[51] **Int.Cl. 7B62D 11/04**
[25] EN
[54] **OMNI DIRECTION VEHICLE**
[54] **VEHICULE OMNIDIRECTIONNEL**
[72] HAMMONDS, CARL L., US
[71] HAMMONDS TECHNICAL SERVICES, INC., US
[85] 2003-01-31
[86] 2001-07-31 (PCT/US2001/041510)
[87] 2002-02-07 (WO2002/010000)
[30] US (60/221,802) 2000-07-31

[21] **2,417,368**
[13] A1

[51] **Int.Cl. 7C07K 14/47 7A61K 48/00 7C12N 5/10 7C12N 15/11 7C12N 15/12 7A61K 38/17 7C07K 16/18 7G01N 33/50 7G01N 33/53 7C12Q 1/68**
[25] EN
[54] **SUPPRESSOR GENE**
[54] **GENES SUPPRESSEURS**
[72] LU, XIN, GB
[71] LUDWIG INSTITUTE CANCER RESEARCH, CH
[85] 2003-01-24
[86] 2001-08-06 (PCT/GB2001/003524)
[87] 2002-02-14 (WO2002/012325)
[30] GB (0019018.1) 2000-08-04
[30] GB (0029996.6) 2000-12-08
[30] GB (0112890.9) 2001-05-26

[21] **2,417,388**
[13] A1

[51] **Int.Cl. 7A61K 47/48**
[25] EN
[54] **THERAPEUTIC POLYANHYDRIDE COMPOUNDS FOR DRUG DELIVERY**
[54] **COMPOSANTS POLYANHYDRIDES THERAPEUTIQUES UTILISES EN VUE D'ADMINISTRER DES MEDICAMENTS**
[72] UHRICH, KATHRYN E., US
[71] RUTGERS, THE STATE UNIVERSITY, US
[85] 2003-01-27
[86] 2001-07-27 (PCT/US2001/023740)
[87] 2002-02-07 (WO2002/009767)
[30] US (09/627,215) 2000-07-27

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[21] **2,417,410**
[13] A1

[51] **Int.Cl. 7B64G 1/54 7B64G 1/28**
[25] EN
[54] **MODULAR REACTION WHEEL ASSEMBLY TO SHIELD ELECTRONICS ON A SATELLITE**
[54] **ASSEMBLAGE DE ROUE DE REACTION MODULAIRE DESTINE A PROTEGER LES COMPOSANTS ELECTRONIQUES D'UN SATELLITE**
[72] VARGA, MICHAEL P., US
[71] HONEYWELL INTERNATIONAL INC., US
[85] 2003-01-31
[86] 2001-08-01 (PCT/US2001/024055)
[87] 2002-02-07 (WO2002/010015)
[30] US (09/630,103) 2000-08-01

[21] **2,417,412**
[13] A1

[51] **Int.Cl. 7C08F 4/645 7C08F 10/00 7C08F 4/02**
[25] EN
[54] **METHOD FOR PRODUCING HIGHLY PRODUCTIVE SUPPORTED IONIC CATALYST FOR GAS PHASE POLYMERIZATION**
[54] **PROCEDE DE FABRICATION D'UN CATALYSEUR IONIQUE SUPPORTE A FORT RENDEMENT POUR POLYMERISATION EN PHASE GAZEUSE**
[72] YANG, XINMIN, US
[72] AWE, MICHAEL D., US
[72] MURUGANANDAM, NATARAJAN A., US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2003-02-03
[86] 2001-06-29 (PCT/US2001/020836)
[87] 2002-02-07 (WO2002/010227)
[30] US (09/631,444) 2000-08-02

[21] **2,417,416**
[13] A1

[51] **Int.Cl. 7B05B 17/06**
[25] EN
[54] **METHOD AND APPARATUS FOR DISPENSING LIQUIDS IN AEROSOLIZED FORM WITH MINIMUM SPILLAGE**
[54] **PROCEDE ET APPAREIL DE DISTRIBUTION DE LIQUIDES EN AEROSOL A DEBORDEMENT MINIMUM**
[72] MARTENS, EDWARD J., III, US
[71] S. C. JOHNSON & SON, INC., US
[85] 2003-01-31
[86] 2001-07-31 (PCT/US2001/024232)
[87] 2002-02-07 (WO2002/009888)
[30] US (09/629,603) 2000-07-31

[21] **2,417,433**
[13] A1

[51] **Int.Cl. 7C08J 5/06 7C23C 30/00 7C08L 21/00 7C23C 28/02 7D07B 1/06 7C08K 9/06**
[25] FR
[54] **(METAL/RUBBER) COMPOSITE FOR TYRE**
[54] **COMPOSITE (METAL/CAOUTCHOUC) POUR PNEUMATIQUE**
[72] GRIMBERG, BRUNO, FR
[72] TARDIVAT, JEAN-CLAUDE, FR
[72] RAVOIRE, YVES, FR
[71] VO, LE TU ANH, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[85] 2003-01-28
[86] 2001-07-25 (PCT/EP2001/008568)
[87] 2002-02-07 (WO2002/010265)
[30] FR (00/10097) 2000-07-31

[21] **2,417,438**
[13] A1

[51] **Int.Cl. 7B23C 9/00 7B23Q 16/06**
[25] EN
[54] **INDEXING DEVICE FOR A MACHINE TOOL**
[54] **DISPOSITIF DE POSITIONNEMENT POUR MACHINE OUTIL**
[72] JINES, ARNOLD R., US
[71] JINES, ARNOLD R., US
[85] 2003-01-31
[86] 2001-07-10 (PCT/US2001/021624)
[87] 2002-02-07 (WO2002/009901)
[30] US (09/630,622) 2000-08-02

[21] **2,417,461**
[13] A1

[51] **Int.Cl. 7G01N 21/31 7A61B 5/00 7G01N 21/49 7G01N 21/53**
[25] EN
[54] **METHOD FOR NON-INVASIVELY DETERMINING THE CONCENTRATION OF AN ANALYTE BY COMPENSATING FOR THE EFFECT OF TISSUE HYDRATION**
[54] **PROCEDE POUR LA DETERMINATION NON INVASIVE DE LA CONCENTRATION D'UN ANALYTE PAR COMPENSATION DE L'EFFET D'HYDRATATION TISSULAIRE**
[72] KANGER, JOHANNES SAKE, NL
[72] KHALIL, OMAR S., US
[72] BOLT, RENE' ALEXANDER, NL
[72] MARIA DE MUL, FRITS FRANS, NL
[71] ABBOTT LABORATORIES, US
[85] 2003-01-27
[86] 2001-07-26 (PCT/US2001/023619)
[87] 2002-02-07 (WO2002/010725)
[30] US (09/627,859) 2000-07-28

[21] **2,417,465**
[13] A1

[51] **Int.Cl. 7G01N 33/53**
[25] EN
[54] **ORGAN TRANSPLANT REJECTION AND ASSOCIATED CONDITIONS**
[54] **REJET DE GREFFE ET PATHOLOGIES ASSOCIEES**
[72] ROSE MARLENE LYDIA, GB
[72] DUNN, MICHAEL JOHN, GB
[71] ROSE MARLENE LYDIA, GB
[71] DUNN, MICHAEL JOHN, GB
[85] 2003-01-27
[86] 2001-07-30 (PCT/GB2001/003393)
[87] 2002-02-07 (WO2002/010755)
[30] GB (0018614.8) 2000-07-28

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[21] **2,417,469**
[13] A1
[51] **Int.Cl. 7A01N 43/80 7A01N 61/00**
7A01N 43/08 7A01N 41/10 7A01N 25/30
7A01N 43/56
[25] EN
[54] **HERBICIDAL AGENTS**
[54] **AGENTS HERBICIDES**
[72] SCHNABEL, GERHARD, DE
[72] KOCUR, JEAN, DE
[72] HACKER, ERWIN, DE
[72] KRAUSE, HANS-PETER, DE
[72] MARTINEZ DE UNA, JULIO, DE
[72] BICKERS, UDO, DE
[71] BAYER CROPSCIENCE GMBH, DE
[85] 2002-12-18
[86] 2001-06-08 (PCT/EP2001/006514)
[87] 2002-12-18 (WO2001/097614)
[30] DE (100 29 165.1) 2000-06-19

[21] **2,417,470**
[13] A1
[51] **Int.Cl. 7C09D 11/00 7B41M 3/14**
[25] FR
[54] **PRODUIT LIQUIDE ADHERENT**
OU D'ENDUCTION SECURISEE
REVELABLE OPTIQUEMENT,
PROCEDE DE MARQUAGE DE
PRODUITS PAR UNE ENCRE LIQUIDE
ET UTILISATIONS D'UN TEL PRODUIT
[54] **SECURE OPTICALLY READABLE**
ADHESIVE OR COATING LIQUID
PRODUCT, METHOD FOR MARKING
PRODUCTS WITH A LIQUID INK AND
USES OF SAID PRODUCT
[72] DE LAMBERTERIE, SEBASTIEN, FR
[71] CYPHER SCIENCE, FR
[85] 2003-01-27
[86] 2001-07-27 (PCT/FR2001/002480)
[87] 2002-02-07 (WO2002/010295)
[30] FR (00/09948) 2000-07-28

[21] **2,417,475**
[13] A1
[51] **Int.Cl. 7C07D 487/08 7C07D 209/00**
7C07D 235/00 7C07D 239/00 7C07D 265/
00 7A61P 31/04 7C07D 498/08 7A61K 31/
4188 7A61K 31/529 7A61K 31/535
[25] FR
[54] **COMPOSES AZABICYCLIQUES,**
LEUR PREPARATION ET LEUR
UTILISATION COMME
MEDICAMENTS, NOTAMMENT
COMME ANTI-BACTERIENS
[54] **AZABICYCLIC COMPOUNDS,**
PREPARATION THEREOF AND USE AS
MEDICINES, IN PARTICULAR AS
ANTIBACTERIAL AGENTS
[72] FROMENTIN, CLAUDE, FR
[72] ROWLANDS, DAVID ALAN, FR
[72] LAMPILAS, MAXIME, FR
[72] ASZODI, JOZSEF, FR
[71] AVENTIS PHARMA SA, FR
[85] 2003-01-29
[86] 2001-07-24 (PCT/FR2001/002418)
[87] 2002-02-07 (WO2002/010172)
[30] FR (00/10121) 2000-08-01

[21] **2,417,482**
[13] A1
[51] **Int.Cl. 7C12N 1/20 7A61K 39/02**
7A61P 31/04 7C12N 1/36
[25] EN
[54] **TEMPERATURE-SENSITIVE LIVE**
VACCINE FOR MYCOPLASMA
HYOPNEUMONIAE
[54] **VACCIN A VIRUS VIVANTS**
SENSIBLE A LA TEMPERATURE
CONTRE LE MYCOPLASMA
HYOPNEUMONIAE
[72] PIJOAN, CARLOS, US
[71] REGENTS OF THE UNIVERSITY OF
MINNESOTA, US
[85] 2003-01-27
[86] 2001-07-27 (PCT/US2001/023663)
[87] 2002-02-07 (WO2002/010343)
[30] US (09/627,006) 2000-07-27

[21] **2,417,484**
[13] A1
[51] **Int.Cl. 7C12N 9/00**
[25] EN
[54] **ELONGASE GENES AND USES**
THEREOF
[54] **GENES D'ELONGASE ET LEURS**
UTILISATIONS
[72] HUANG, YUNG-SHENG, US
[72] PARKER-BARNES, JENNIFER M., US
[72] PEREIRA, SUZETTE L., US
[72] DAS, TAPAS, US
[72] MUKERJI, PRADIP, US
[72] LEONARD, AMANDA EUN-YEONG,
US
[72] THURMOND, JENNIFER, US
[71] ABBOTT LABORATORIES, US
[85] 2003-01-24
[86] 2001-07-24 (PCT/US2001/023259)
[87] 2002-01-31 (WO2002/008401)
[30] US (09/624,670) 2000-07-24
[30] US (09/903,456) 2001-07-11

[21] **2,417,495**
[13] A1
[51] **Int.Cl. 7A61K 31/336 7A61K 31/395**
[25] EN
[54] **METHODS FOR TREATING CELL**
PROLIFERATIVE DISORDERS AND
VIRAL INFECTIONS
[54] **METHODES DE TRAITEMENT DE**
TROUBLES DE PROLIFERATION
CELLULAIRE ET D'INFECTIONS
VIRALES
[72] SRETHAPAKDI, MARY, TH
[72] ROSEN, NEAL, US
[71] SLOAN-KETTERING INSTITUTE
FOR CANCER RESEARCH, US
[85] 2003-01-27
[86] 2001-07-27 (PCT/US2001/023640)
[87] 2002-02-07 (WO2002/009696)
[30] US (60/221,415) 2000-07-28
[30] US (60/245,264) 2000-11-02

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<p style="text-align: right;">[21] 2,417,496 [13] A1</p> <p>[51] Int.Cl. 7H01B 7/00 [25] EN [54] CIRCUIT BOARD PROTECTION SYSTEM AND METHOD [54] SYSTEME ET PROCEDE DE PROTECTION DE CARTE A CIRCUITS IMPRIMES [72] KIEFER, JAMES RONALD, US [72] HOLLENBECK, ROBERT KEITH, US [71] GENERAL ELECTRIC COMPANY, US [85] 2003-02-06 [86] 2001-07-26 (PCT/US2001/023522) [87] 2002-01-31 (WO2002/009124) [30] US (09/625,394) 2000-07-26</p>	<p style="text-align: right;">[21] 2,417,534 [13] A1</p> <p>[51] Int.Cl. 7G01N 27/447 7C12Q 1/68 [25] FR [54] PROCEDE D'ANALYSE D'ACIDES NUCLEIQUES [54] METHOD FOR ANALYSING NUCLEIC ACIDS [72] DE VANDIERE, BRUNO, FR [72] CRESPEAU, HERVE, FR [71] FLOWGENE, FR [85] 2003-01-31 [86] 2001-07-20 (PCT/FR2001/002372) [87] 2002-02-07 (WO2002/010736) [30] FR (00/10108) 2000-08-01</p>	<p style="text-align: right;">[21] 2,417,560 [13] A1</p> <p>[51] Int.Cl. 7G06F 17/60 [25] EN [54] SYSTEMS, METHODS, AND DEVICES FOR DISPLAYING INFORMATION [54] SYSTEMES, PROCEDES ET DISPOSITIFS POUR LA PRESENTATION D'INFORMATION [72] SABONGI, GEBRAN J., US [72] FLETCHER, DOUGLAS D., US [72] RAYKOWKI, MICHAEL J., US [72] MAHMOODI, ABOLGHASSEM B., US [72] AASTUEN, DAVID J. W., US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2003-01-31 [86] 2001-01-19 (PCT/US2001/001967) [87] 2002-03-21 (WO2002/023427) [30] US (09/660,366) 2000-09-12</p>
<p style="text-align: right;">[21] 2,417,500 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/00 7A61K 41/00 7A61P 35/00 7A61K 31/04 7A61K 31/10 7A61K 31/12 7A61K 31/215 7A61K 31/216 7A61K 31/235 7A61K 39/395 [25] EN [54] ERBB-2 SELECTIVE SMALL MOLECULE KINASE INHIBITORS [54] INHIBITEUR DE L'ERBB-2 KINASE SELECTIF DE PETITES MOLECULES [72] ISTVAN, ENYEDY, US [72] DAJUN, YANG, US [72] SHAOMENG, WANG, US [71] GEORGETOWN UNIVERSITY, US [85] 2003-01-27 [86] 2001-07-30 (PCT/US2001/023869) [87] 2002-02-07 (WO2002/009684) [30] US (60/221,515) 2000-07-28</p>	<p style="text-align: right;">[21] 2,417,552 [13] A1</p> <p>[51] Int.Cl. 7A61K 35/78 7A61P 15/00 [25] EN [54] COMPOSITIONS AND METHODS FOR TREATING FEMALES SEXUAL RESPONSE [54] COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT DE L'EXCITATION SEXUELLE CHEZ LA FEMME [72] CROSBY, MARTIN G., US [72] BENNETT, ROBERT M., US [71] QUALILIFE PHARMACEUTICALS INC., US [85] 2003-01-27 [86] 2001-06-27 (PCT/US2001/041141) [87] 2002-01-03 (WO2002/000240) [30] US (60/214,472) 2000-06-27</p>	<p style="text-align: right;">[21] 2,417,583 [13] A1</p> <p>[51] Int.Cl. 7B08B 3/08 7C08J 11/00 7B08B 7/04 [25] EN [54] OPTICAL MEDIA DEMETALLIZATION PROCESS [54] PROCEDE DE DEMETALLISATION DE MEDIA OPTIQUE [72] HEATER, KENNETH, US [72] GRUBB, J. MICHAEL, US [72] SAPIENZA, RICHARD, US [72] MICHAELS, JOSHUA R., US [72] HODGE, R. MARK, US [71] METSS CORP., US [85] 2003-02-06 [86] 2001-08-31 (PCT/US2001/041970) [87] 2002-03-14 (WO2002/020184) [30] US (09/655,013) 2000-09-05</p>
<p style="text-align: right;">[21] 2,417,533 [13] A1</p> <p>[51] Int.Cl. 7A61K 31/195 7A61P 43/00 7A61K 47/02 7A61K 31/221 7A61K 47/32 7A61K 47/36 7A61K 47/38 7G01N 33/50 [25] EN [54] PHARMACEUTICAL COMPOSITION COMPRISING A PHOTOCHEMOTHERAPEUTIC AGENT AND A MUCOADHESIVE AGENT [54] COMPOSITION [72] KLAVENESS, JO, NO [72] HANSSON, VIDAR, NO [72] GODAL, ASLAK, NO [71] PHOTOCURE ASA, NO [85] 2003-01-16 [86] 2001-07-25 (PCT/GB2001/003338) [87] 2002-02-07 (WO2002/009690) [30] GB (0018527.2) 2000-07-27</p>	<p style="text-align: right;">[21] 2,417,556 [13] A1</p> <p>[51] Int.Cl. 7G01N 33/50 7G01N 33/68 [25] EN [54] QUANTITATIVE FLUORESCENT ASSAY FOR DETERMINING THE ACTIVITY OF TRANSPORT PROTEINS [54] METHODE DE DOSAGE FLUORESCENT QUANTITATIF, SIMPLE POUR DETERMINER L'ACTIVITE DES PROTEINES DE TRANSPORT D'INTERET [72] SARKADI, BALAZS, HU [72] HOMOLYA, LASZLO, HU [72] EVERS, RAYMOND, DE [71] SOLVO BIOTECHNOLOGY, HU [85] 2003-01-27 [86] 2001-07-03 (PCT/HU2001/000074) [87] 2002-01-10 (WO2002/003066) [30] HU (P0002557) 2000-07-03</p>	<p style="text-align: right;">[21] 2,417,585 [13] A1</p> <p>[51] Int.Cl. 7B60C 3/00 7B60C 15/02 7B60C 3/04 [25] FR [54] PNEUMATIQUE AVEC DES FLANCS DE STRUCTURE AMELIOREE [54] TYRE WITH IMPROVED STRUCTURAL SIDEWALLS [72] MUHLHOFF, OLIVIER, FR [71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH [85] 2003-01-28 [86] 2001-07-10 (PCT/EP2001/007952) [87] 2002-02-07 (WO2002/009955) [30] FR (00/10096) 2000-07-31</p>

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[21] **2,417,591**
[13] A1
[51] **Int.Cl. 7C07C 1/04 7B01J 23/75**
[25] EN
[54] **CARBON MONOXIDE HYDROGENATION**
[54] **HYDROGENATION DE MONOXYDE DE CARBONE**
[72] KOVEAL, RUSSELL JOHN, US
[72] DAAGE, MICHEL A., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2003-02-04
[86] 2001-08-03 (PCT/US2001/024291)
[87] 2002-03-14 (WO2002/020440)
[30] US (09/653,718) 2000-09-01

[21] **2,417,631**
[13] A1
[51] **Int.Cl. 7A61K 31/505 7A61P 9/10 7A61P 25/16 7A61P 25/24 7A61P 25/28 7A61K 31/52**
[25] EN
[54] **SELECTIVE PDE 2 INHIBITORS, USED AS MEDICAMENTS FOR IMPROVING COGNITION**
[54] **INHIBITEURS SELECTIFS DE PDE 2 COMME MEDICAMENTS AMELIORANT LA PERCEPTION**
[72] VAN DER STAAY, FRANZ-JOSEF, DE
[72] SCHAUSS, DAGMAR, DE
[72] BOSS, FRANK-GERHARD, DE
[72] HENDRIX, MARTIN, DE
[72] SCHREIBER, RUDY, DE
[72] SCHLEMMER, KARL-HEINZ, DE
[72] KONIG, GERHARD, DE
[72] NIEWOHNER, ULRICH (DECEASED), DE
[71] BAYER AKTIENGESELLSCHAFT, DE
[85] 2003-01-29
[86] 2001-07-19 (PCT/EP2001/008609)
[87] 2003-01-29 (WO2002/009713)
[30] DE (100 37 411.5) 2000-08-01
[30] DE (101 22 893.7) 2001-05-11

[21] **2,417,636**
[13] A1
[51] **Int.Cl. 7A61K 45/06 7A61P 37/06 7A61K 38/13 7A61K 31/495**
[25] EN
[54] **NON-PEPTIDE CCR1 RECEPTOR ANTAGONISTS IN COMBINATION WITH CYCLOSPORIN A FOR THE TREATMENT OF HEART TRANSPLANT REJECTION**
[54] **ANTAGONISTES NON PEPTIDIQUES DES RECEPTEURS CCR1 COMBINES A LA CYCLOSPORINE A EN VUE DE COMBATTRE UNE REACTION DE REJET APRES UNE TRANSPLANTATION CARDIAQUE**
[72] HORUK, RICHARD, US
[71] SCHERING AKTIENGESELLSCHAFT, DE
[85] 2003-01-29
[86] 2001-07-31 (PCT/US2001/023862)
[87] 2002-02-07 (WO2002/009762)
[30] US (60/222,053) 2000-07-31
[30] US (60/231,282) 2000-09-08
[30] US (09/915,411) 2001-07-25

[21] **2,417,651**
[13] A1
[51] **Int.Cl. 7C11D 3/02 7C11D 3/00 7A61L 9/01 7A61L 9/14 7C11D 3/20 7C11D 3/43 7C11D 3/50**
[25] EN
[54] **LOW RESIDUE SURFACE TREATMENT**
[54] **RAITEMENT DE SURFACE A FAIBLE PRODUCTION DE RESIDUS**
[72] RANDALL, FRANCIS J., US
[72] KRISTOPEIT, KAREN K., US
[72] BABINSKI, LINDA J., US
[71] S. C. JOHNSON & SON, INC., US
[85] 2003-01-31
[86] 2001-07-31 (PCT/US2001/023985)
[87] 2002-02-07 (WO2002/010323)
[30] US (09/629,368) 2000-07-31

[21] **2,417,653**
[13] A1
[51] **Int.Cl. 7E04H 4/14**
[25] FR
[54] **PROCEDE ET ELEMENTS DE DECORATION ET/OU DE FINITION DE PISCINES, ET PISCINES EN COMPORANT APPLICATION**
[54] **METHOD AND ELEMENTS FOR DECORATING AND/OR FINISHING OF SWIMMING POOLS AND SWIMMING POOL COMPRISING USE OF SAME**
[72] VIAN, GABRIELLE, FR
[71] VIAN, GABRIELLE, FR
[85] 2003-01-29
[86] 2001-07-26 (PCT/FR2001/002460)
[87] 2002-02-07 (WO2002/010537)
[30] FR (00/10073) 2000-07-31

[21] **2,417,661**
[13] A1
[51] **Int.Cl. 7G01N 33/74 7A61K 31/00**
[25] EN
[54] **DIAGNOSIS AND TREATMENT OF NON-ULCER DYSPEPSIA BASED ON HYPOTHALAMIC-PITUITARY-ADRENAL AXIS ABNORMALITY**
[54] **DIAGNOSTIC ET TRAITEMENT DE LA DYSPEPSIE NON ULCEREUSE FONDES SUR L'ANOMALIE DE L'AXE HYPOTHALAMO-HYPOPHYSO-SURRENALIEN**
[72] DINAN, TIMOTHY GERARD, IE
[72] KEELING, PAUL WILLIAM NAPOLEON, IE
[71] MALOPE COMPANY LIMITED, IE
[85] 2003-01-29
[86] 2001-07-30 (PCT/IE2001/000098)
[87] 2002-02-07 (WO2002/010756)
[30] IE (2000/0616) 2000-08-02

[21] **2,417,662**
[13] A1
[51] **Int.Cl. 7A61B 17/86**
[25] EN
[54] **MEDICAL SCREW AND METHOD OF INSTALLATION**
[54] **VIS MEDICALE ET SON PROCEDE DE MISE EN PLACE**
[72] HATCH, LAIRD L., US
[72] BALDWIN, JEFFREY P., US
[71] ORTHOPAEDIC BIOSYSTEMS LTD., INC., US
[85] 2003-01-31
[86] 2001-08-01 (PCT/US2001/024076)
[87] 2002-02-07 (WO2002/009601)
[30] US (09/630,401) 2000-08-02

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[21] **2,417,677**
[13] A1

[51] **Int.Cl. 7A61K 31/437 7A61P 1/00 7A61K 31/4178 7A61K 31/4184 7A61K 31/439 7A61K 31/496 7A61K 31/4985 7A61K 31/538**
[25] EN
[54] **MEDICAMENTS CONTAINING CILANSETRON FOR TREATING NON-OBSTIPATED MALE IBS PATIENTS**
[54] **MEDICAMENT CONTENANT DU CILANSETRON POUR TRAITER DES PATIENTS MASCULINS ATTEINTS DU SYNDROME DU COLON IRRITABLE MAIS NE SOUFFRANT PAS DE CONSTIPATION OPINIATRE**
[72] BIESHEUVEL, EGBERTUS HENDRIKUS EVERT, NL
[72] CARAS, STEVEN DAVID, US
[72] KRAUSE, HEINZ GUNTER, DE
[72] STEINBORN, CLAUS RUDOLF, DE
[72] CAUTREELS, WERNER, NL
[72] PLEKKENPOL, ALBERTUS HERMANNUS DIRK, NL
[71] SOLVAY PHARMACEUTICALS GMBH, DE
[85] 2003-01-27
[86] 2001-07-18 (PCT/EP2001/008260)
[87] 2003-01-27 (WO2002/007713)
[30] DE (100 36 645.7) 2000-07-26
[30] DE (101 23 447.3) 2001-05-14

[21] **2,417,681**
[13] A1

[51] **Int.Cl. 7C08K 3/36 7B60C 1/00 7C08L 9/00**
[25] EN
[54] **RUNNING TREAD FOR TYRE**
[54] **BANDE DE ROULEMENT POUR PNEUMATIQUE**
[72] VASSEUR, DIDIER, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE, CH
[85] 2003-01-28
[86] 2001-07-25 (PCT/EP2001/008566)
[87] 2002-02-07 (WO2002/010269)
[30] FR (00/10094) 2000-07-31

[21] **2,417,687**
[13] A1

[51] **Int.Cl. 7A61K 35/20 7A61P 39/06**
[25] EN
[54] **KEFIR AS A POTENT ANTI-OXIDANT COMPOSITION**
[54] **KEFIR UTILISE COMME COMPOSITION ANTIOXYDANTE POTENTIELLE**
[72] KUBOW, STAN, CA
[72] FOTOUHINIA, MARYAM, CA
[71] MCGILL UNIVERSITY, CA
[85] 2003-01-29
[86] 2001-06-18 (PCT/CA2001/000899)
[87] 2001-12-27 (WO2001/097820)
[30] US (60/213,268) 2000-06-22

[21] **2,417,688**
[13] A1

[51] **Int.Cl. 7C12N 5/06 7A61L 24/10 7A61L 27/38**
[25] EN
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[54] **IMPLANT DE TISSU**
[72] ARCHER, CHARLES WILLIAM, GB
[72] DOWTHWAITE, GARY, PAUL, GB
[72] SMITH, MARK FREDERICK, GB
[72] THOMSON, BRIAN MARK, GB
[71] SMITH & NEPHEW PLC, GB
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[13] A1

[51] **Int.Cl. 7G11B 33/04**
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[54] **CASES FOR ONE OR SEVERAL LASER DISCS AND MEANS FOR CLASSIFYING SAME**
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[13] A1

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[25] EN
[54] **METHOD FOR PRODUCING CONCRETE OR MORTAR USING A VEGETAL AGGREGATE**
[54] **PROCEDE POUR PRODUIRE DU BETON OU DU MORTIER AU MOYEN D'UN AGREGAT VEGETAL**
[72] HOHN, HERIBERT, LU
[71] TRIERWEILER, MATTHIAS, DE
[71] HOHN, HERIBERT, LU
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[13] A1

[51] **Int.Cl. 7B65B 63/04 7B65H 18/10 7B65H 18/14**
[25] EN
[54] **APPARATUS AND METHOD FOR ROLLING AND PACKAGING AN ITEM**
[54] **APPAREIL PERMETTANT DE ROULER ET D'EMBALLER UN ARTICLE**
[72] SUDA, DAVID, US
[72] LEMBO, MICHAEL, US
[72] ROFSKY, BRUCE, US
[72] PENTZ, RICHARD, US
[72] BUSCHER, MARK, US
[72] CLEVENSTINE, LARRY, US
[71] CERTAINTEED CORPORATION, US
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[13] A1

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[54] **BURNER NOZZLE**
[54] **GICLEUR DE BRULEUR**
[72] BAILEY, MELBURN, D., US
[71] CERTAINTEED CORPORATION, US
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[25] EN
[54] **TARTRATE SALTS OF THIAZOLIDINEDIONE DERIVATIVE**
[54] **TARTRATES DE DERIVE DE THIAZOLIDINEDIONE**
[72] CHOUDARY, BERNADETTE MARIE, GB
[72] CRAIG, ANDREW SIMON, GB
[72] O'KEEFFE, DEIRDRE, GB
[72] MACKENZIE, DONALD COLIN, GB
[72] HO, TIM CHIEN TING, GB
[71] SMITHKLINE BEECHAM P.L.C., GB
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[30] GB (0019228.6) 2000-08-04

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[51] **Int.Cl. 7C07F 9/50 7C07B 53/00 7C07F 15/00 7B01J 31/24**
[25] FR
[54] **UTILISATION DE DIPHOSPHINES CHIRALES COMME LIGANDS OPTIQUEMENT ACTIFS**
[54] **USE OF CHIRAL DIPHOSPHINES AS OPTICALLY ACTIVE LIGANDS**
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[72] ROUSSIASSE, SONIA, FR
[72] LABOUE, BLANDINE, FR
[71] PPG-SIPSY, FR
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[86] 2001-08-03 (PCT/FR2001/002550)
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[13] A1
[51] **Int.Cl. 7H01M 8/04**
[25] EN
[54] **METHOD AND APPARATUS FOR HUMIDIFICATION AND TEMPERATURE CONTROL OF INCOMING FUEL CELL PROCESS GAS**
[54] **PROCEDE ET APPAREIL DESTINES A REGULER L'HUMIDITE ET LA TEMPERATURE D'UN GAZ DE TRAITEMENT POUR PILE A COMBUSTIBLE ENTRANT**
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[72] GOPAL, RAVI B., CA
[71] HYDROGENICS CORPORATION, CA
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[13] A1
[51] **Int.Cl. 7A61K 39/395 7A61P 35/00 7C12N 15/11 7C07K 16/28 7A61K 31/7088**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR MODULATING TUMOR GROWTH**
[54] **PROCEDES ET COMPOSITIONS UTILES POUR MODULER LA CROISSANCE DES TUMEURS**
[72] GORCZYNSKI, REGINALD M., CA
[72] CLARK, DAVID A., CA
[71] TRANSPLANTATION TECHNOLOGIES INC., CA
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[30] US (60/222,725) 2000-08-03

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[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **ENTITY AUTHENTICATION IN ELECTRONIC COMMUNICATIONS BY PROVIDING VERIFICATION STATUS OF DEVICE**
[54] **AUTHENTIFICATION D'ENTITES DANS DES COMMUNICATIONS ELECTRONIQUES AU MOYEN D'UN ETAT DE VERIFICATION DE DISPOSITIF**
[72] WHEELER, ANNE M., US
[72] WHEELER, LYNN HENRY, US
[71] FIRST DATA CORPORATION, US
[85] 2003-02-03
[86] 2001-08-06 (PCT/US2001/041562)
[87] 2002-02-14 (WO2002/013116)
[30] US (60/223,076) 2000-08-04

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[13] A1
[51] **Int.Cl. 7H01M 8/10 7H01M 4/88**
[25] EN
[54] **METHOD FOR COATING A MEMBRANE ELECTRODE UNIT WITH A CATALYST AND DEVICE FOR CARRYING OUT THE METHOD**
[54] **PROCEDE PERMETTANT D'APPLIQUER UN CATALYSEUR SUR UNE UNITE MEMBRANE-ELECTRODES ET DISPOSITIF PERMETTANT DE METTRE EN OEUVRE LEDIT PROCEDE**
[72] SCHMITZ, HEINZ, DE
[72] NATTER, HARALD, DE
[72] HEMPELMANN, ROLF, DE
[72] LOFFLER, MARC-SIMON, DE
[72] DIVISEK, JIRI, DE
[71] HEMPELMANN, ROLF, DE
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[87] 2003-02-03 (WO2002/013301)
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[13] A1

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[54] **JACK FOR A PLUG-JACK COMBINATION**
[54] **DOUILLE DE CONTACT POUR UNE COMBINAISON FICHE MALE-FICHE FEMELLE**
[72] SUSS, MARIO, DE
[72] KUHN, ROLAND, DE
[72] DORSCHT, MARKUS, DE
[71] WIELAND ELECTRIC GMBH, DE
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[13] A1

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[54] **PHOSPHATE CONVERSION COATING CONCENTRATE**
[54] **CONCENTRE DE REVETEMENT DE PHOSPHATATION**
[72] FRISTAD, WILLIAM E., US
[72] SAAD, KARIM I., US
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[87] 2002-02-07 (WO2002/010476)
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[13] A1

[51] **Int.Cl. 7H04K 1/00 7H04L 9/30**
[25] EN
[54] **METHOD AND APPARATUS FOR ACCESS AUTHENTICATION ENTITY**
[54] **PROCEDE ET DISPOSITIF POUR ACCEDER A UNE ENTITE D'AUTHENTIFICATION**
[72] WHEELER, LYNN HENRY, US
[72] WHEELER, ANNE M., US
[71] FIRST DATA CORPORATION, US
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[86] 2001-08-06 (PCT/US2001/024567)
[87] 2002-02-14 (WO2002/013434)
[30] US (60/223,076) 2000-08-04

[21] **2,417,919**
[13] A1

[51] **Int.Cl. 7H04K 1/00 7H04L 9/00 7G06F 17/30**
[25] EN
[54] **METHOD AND SYSTEM FOR USING ELECTRONIC COMMUNICATIONS FOR AN ELECTRONIC CONTRACT**
[54] **PROCEDE ET SYSTEME D'UTILISATION DE COMMUNICATIONS ELECTRONIQUES POUR UN CONTRAT ELECTRONIQUE**
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[72] WHEELER, LYNN HENRY, US
[71] FIRST DATA CORPORATION, US
[85] 2003-02-03
[86] 2001-08-06 (PCT/US2001/041586)
[87] 2002-02-14 (WO2002/013435)
[30] US (60/223,076) 2000-08-04

[21] **2,417,922**
[13] A1

[51] **Int.Cl. 7H04L 9/30 7G06F 17/30 7G06F 17/60**
[25] EN
[54] **PERSON-CENTRIC ACCOUNT-BASED DIGITAL SIGNATURE SYSTEM**
[54] **SYSTEME DE SIGNATURE NUMERIQUE FONDE SUR UN COMPTE CENTRE SUR UNE PERSONNE**
[72] WHEELER, LYNN HENRY, US
[72] WHEELER, ANNE M., US
[71] FIRST DATA CORPORATION, US
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[87] 2002-02-14 (WO2002/013455)
[30] US (60/223,076) 2000-08-04

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[13] A1

[51] **Int.Cl. 7B07B 1/40 7B07B 1/42 7B07B 1/44**
[25] EN
[54] **SCREENING APPARATUS**
[54] **APPAREIL A CRIBLER**
[72] MCKERR, EDWARD, AU
[72] TRENCH, MICHAEL, AU
[72] ETTINGSHAUSEN, JOHN, AU
[72] DALZIEL, PAUL, AU
[72] RUBIE, PETER, AU
[72] RUSSELL, JOHN, AU
[72] ALLEN, ROBERT, AU
[72] PLANT, BEN, AU
[72] WARNES, NEVILLE, AU
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[72] TAYLOR, RUSSELL, AU
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[21] **2,417,946**
[13] A1

[51] **Int.Cl. 7B08B 3/02 7B08B 9/02**
[25] EN
[54] **GREASE EXHAUST CLEANING SYSTEM**
[54] **SYSTEME DE NETTOYAGE D'EVACUATIONS DE GRAISSE**
[72] LOUGHMILLER, MERVYN, US
[71] GREASE DUCT TECHNOLOGIES, LLC, US
[85] 2003-02-04
[86] 2001-08-03 (PCT/US2001/024444)
[87] 2002-02-14 (WO2002/011910)
[30] US (09/632,560) 2000-08-04

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[13] A1

[51] **Int.Cl. 7F16B 37/12 7F16B 13/00**
[25] EN
[54] **DOWEL FOR LIGHTWEIGHT BUILDING MATERIALS AND USE OF A SCREW DRIVER BIT FOR SCREWING IN SUCH DOWELS**
[54] **CHEVILLE POUR MATERIAUX LEGERES, ET UTILISATION D'UN EMBOUT DE TOURNEVIS POUR VISSER UNE TELLE CHEVILLE**
[72] KERL, GREGOR, DE
[71] ADOLF WURTH GMBH & CO. KG, DE
[85] 2003-02-04
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[13] A1

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[25] EN
[54] **METHOD FOR PRODUCTION OF A CONNECTOR POINT ON A TRAVEL WAY**
[54] **PROCEDE POUR LA PRODUCTION D'UN POINT DE JONCTION SUR UNE VOIE DE CIRCULATION**
[72] FRISCH, THEO, DE
[72] REICHEL, DIETER, DE
[72] FEIX, JURGEN, DE
[71] MAX BOGL BAUNTERNEHMUNG GMBH & CO. KG, DE
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[30] DE (100 38 851.5) 2000-08-04

[21] **2,417,954**
[13] A1

[51] **Int.Cl. 7B29C 65/34**
[25] EN
[54] **DEVICE FOR CONNECTING COMPONENTS, WHICH CONSIST OF FUSIBLE PLASTIC**
[54] **DISPOSITIF PERMETTANT DE LIER DES COMPOSANTS EN MATIERE PLASTIQUE FUSIBLE**
[72] MULLER, GERHARD, DE
[72] SICHLER, WOLFGANG, DE
[72] MAIER, FABIAN, DE
[71] FRIATEC AKTIENGESELLSCHAFT, DE
[85] 2003-02-04
[86] 2001-08-03 (PCT/EP2001/009052)
[87] 2003-02-04 (WO2002/011973)
[30] DE (200 13 596.1) 2000-08-04

[21] **2,417,963**
[13] A1

[51] **Int.Cl. 7C12Q 1/68**
[25] FR
[54] **DEPISTAGE D'UN NOUVEAU SYNDROME HEPATIQUE ET SES APPLICATIONS**
[54] **SCREENING OF A NOVEL HEPATIC SYNDROME AND ITS USES**
[72] ROSMORDUC, OLIVIER, FR
[72] POUPON, RAOUL, FR
[72] HERMELIN, BRIGITTE, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[85] 2003-02-04
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[87] 2002-02-14 (WO2002/012556)
[30] FR (00/10428) 2000-08-08

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[13] A1

[51] **Int.Cl. 7C02F 1/40 7B01D 17/00 7C02F 1/24 7C02F 1/28**
[25] EN
[54] **A PLANT FOR PURIFYING WATER CONTAMINATED BY DROPLETS OF HYDROCARBONACEOUS LIQUID**
[54] **EQUIPEMENT DE PURIFICATION D'EAU CONTAMINEE PAR DES GOUTTELETTES DE LIQUIDE HYDROCARBONE**
[72] OSEROD, STEIN EGIL, AU
[71] EPCON NORGE AS, NO
[85] 2003-02-04
[86] 2001-08-07 (PCT/IB2001/001410)
[87] 2002-02-14 (WO2002/012128)
[30] EP (00610080.4) 2000-08-08

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[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61P 11/06 7A61P 11/08 7A61K 31/135 7A61K 31/165 7A61K 31/215 7A61K 31/44 7A61K 31/445 7A61K 31/47 7A61K 31/52 7A61K 31/58**
[25] EN
[54] **FORMULATIONS OF MOMETASONE AND A BRONCHODILATOR FOR PULMONARY ADMINISTRATION**
[54] **PREPARATIONS DE MOMETASONE ET BRONCHODILATEUR POUR ADMINISTRATION PAR VOIE PULMONAIRE**
[72] IORIO, THEODORE L., US
[72] WEINRICH, KARL P., US
[72] KAPLAN, LEONARD W., US
[71] LONGWOOD PHARMACEUTICAL RESEARCH, INC., US
[85] 2003-02-03
[86] 2001-08-01 (PCT/US2001/024093)
[87] 2002-02-14 (WO2002/011711)
[30] US (60/223,541) 2000-08-04

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[13] A1

[51] **Int.Cl. 7A01M 23/08 7A01M 23/12**
[25] EN
[54] **IMPROVEMENTS TO RODENT TRAPS**
[54] **PERFECTIONNEMENTS RELATIFS A DES PIEGES A RONGEURS**
[72] SHAPLAND, PAUL, GB
[71] BRANDENBURG UK LIMITED, GB
[85] 2003-02-12
[86] 2001-08-06 (PCT/GB2001/003549)
[87] 2002-02-21 (WO2002/013604)
[30] GB (0019824.2) 2000-08-12

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[13] A1

[51] **Int.Cl. 7A61B 18/14**
[25] EN
[54] **STEERABLE SPHINCTEROTOME AND METHODS FOR CANNULATION, PAPILOTOMY AND SPHINCTEROTOMY**
[54] **SPHINCTEROTOME ORIENTABLE ET METHODES DE CANNULATION, PAPILOTOMIE ET SPHINCTEROTOMIE**
[72] ADAMS, MARK L., US
[72] HUTCHINS, JOHN E., US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2003-02-12
[86] 2001-08-14 (PCT/US2001/025354)
[87] 2002-02-21 (WO2002/013711)
[30] US (60/244,981) 2000-08-14

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[13] A1
[51] **Int.Cl. 7H01L 21/00 7C30B 11/00 7C30B 25/00 7C30B 25/02**
[25] EN
[54] **DOPED ELONGATED SEMICONDUCTORS, GROWING SUCH SEMICONDUCTORS, DEVICES INCLUDING SUCH SEMICONDUCTORS AND FABRICATING SUCH DEVICES**
[54] **SEMI-CONDUCTEURS DE FORME ALLONGEE DOPES, LEUR TIRAGE, DISPOSITIFS LES INTEGRANT, ET FABRICATION DE CES DISPOSITIFS**
[72] CUI, YING, US
[72] LIEBER, CHARLES M., US
[72] DUAN, XIANGFENG, US
[72] HUANG, YUNG-SHENG, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2003-02-04
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[87] 2002-02-28 (WO2002/017362)
[30] US (60/226,835) 2000-08-22
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[30] US (60/292,035) 2001-05-18
[30] US (60/292,045) 2001-05-18
[30] US (60/291,896) 2001-05-18

[21] **2,417,993**
[13] A1
[51] **Int.Cl. 7B29C 44/58 7B29C 44/04 7B60N 2/56**
[25] EN
[54] **FOAM ELEMENT HAVING MOLDED GAS PASSAGEWAYS AND PROCESS FOR PRODUCTION THEREOF**
[54] **ELEMENT DE MOUSSE A PASSAGES DE GAZ MOULES ET PROCESSUS DE PRODUCTION DE CET ELEMENT**
[72] SMITH, MATT, US
[72] KING, ADAM, US
[71] WOODBRIDGE FOAM CORPORATION, CA
[85] 2003-02-03
[86] 2001-08-03 (PCT/CA2001/001124)
[87] 2002-02-14 (WO2002/011968)
[30] US (09/633,280) 2000-08-04

[21] **2,417,994**
[13] A1
[51] **Int.Cl. 7C07D 313/00 7C07D 519/00 7A61P 35/00 7C07D 493/08 7A61K 31/357**
[25] EN
[54] **SYNTHETIC SALICYLIHALAMIDES, APICULARENS AND DERIVATIVES THEREOF**
[54] **SALICYLIHALAMIDES SYNTHETIQUES, APICULARENS ET LEURS DERIVES**
[72] WU, YUSHENG, US
[72] DE BRABANDER, JEF, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2003-02-03
[86] 2001-08-03 (PCT/US2001/024377)
[87] 2002-02-14 (WO2002/012223)
[30] US (60/222,809) 2000-08-04
[30] US (60/252,856) 2000-11-22

[21] **2,417,995**
[13] A1
[51] **Int.Cl. 7B29B 7/48 7B29B 7/88**
[25] EN
[54] **POLYMERIC BLENDS FORMED BY SOLID STATE SHEAR PULVERIZATION AND HAVING IMPROVED MELT FLOW PROPERTIES**
[54] **MELANGES POLYMERES FORMES PAR PULVERISATION PAR CISAILLEMENT A L'ETAT SOLIDE PRESENTANT DES PROPRIETES AMELIOREES DE FLUIDITE**
[72] KHAIT, KLEMENTINA, US
[71] MATERIAL SCIENCES CORPORATION, US
[85] 2003-02-06
[86] 2001-08-07 (PCT/US2001/041579)
[87] 2002-02-14 (WO2002/011964)
[30] US (09/635,655) 2000-08-10

[21] **2,417,996**
[13] A1
[51] **Int.Cl. 7F16F 7/12 7B60R 21/04 7F16F 9/30**
[25] EN
[54] **GEL FILLED TRAUMA MITIGATION DEVICE AND COMPOSITION THEREFORE**
[54] **DISPOSITIF D'ATTENUATION DE TRAUMAS REMPLI DE GEL ET COMPOSITION CORRESPONDANTE**
[72] SEREBOFF, JOEL L., US
[71] SEREBOFF, JOEL L., US
[85] 2003-02-06
[86] 2001-08-07 (PCT/US2001/041610)
[87] 2002-02-14 (WO2002/012749)
[30] US (60/223,633) 2000-08-08

[21] **2,417,997**
[13] A1
[51] **Int.Cl. 7A61K 7/48**
[25] EN
[54] **SEBUM-LIKE PREPARATION TO BE USED AS LIPIDIC COMPONENT IN COSMETICS**
[54] **PREPARATION DE TYPE SEBUM UTILE COMME COMPOSANT LIPIDIQUE EN COSMETIQUE**
[72] PASSI, SIRO, IT
[71] PROVINCIA ITALIANA DELLA CONGREGAZIONE DEI FIGLI DELL'IMMACOLATA CONCEZI ONE - ISTITUTO DERMOPATICO DELL'IMMACOLATA, IT
[85] 2003-02-03
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[87] 2002-02-14 (WO2002/011693)
[30] IT (RM2000A000440) 2000-08-03

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<p>[21] 2,417,998 [13] A1</p> <p>[51] Int.Cl. 7C22F 1/04 [25] EN [54] METHOD FOR PRODUCING HALF-FINISHED PRODUCTS MADE OF ALUMINIUM ALLOYS AND AN ARTICLE MANUFACTURED WITH THE AID OF SAID METHOD [54] PROCEDE DE FABRICATION D'UN DEMI-PRODUIT A PARTIR D'UN ALLIAGE D'ALUMINIUM ET ARTICLE OBTENU PAR CE PROCEDE [72] FRIDLINDER, IOSIF NAUMOVITCH, RU [72] VALKOV, VICTOR YAKOVLEVITCH, RU [72] BUDANOV, VICTOR MIKHAILOVITCH, RU [72] KABLOV, EVGENY NIKOLAEVITCH, RU [72] TKATCHENKO, EVGENIYA ANATOLIEVNA, RU [72] IGUMENOV, ALEXANDER ALEXANDROVITCH, RU [71] FEDERALNOE GOSUDARSTVENNOE UNITARNOE PREDPRIYATIE "VSEROSSIYSKY NAUCHNO- ISSLEDOVATELSKY INSTITUT AVIATIONNYKH MATERIALOV", RU [71] JOINT-STOCK COMPANY "UNITED COMPANY SIBERIAN ALUMINIUM, RU [85] 2003-02-03 [86] 2001-07-30 (PCT/RU2001/000319) [87] 2003-02-03 (WO2002/010482) [30] RU (2000120275) 2000-08-01</p>	<p>[21] 2,418,002 [13] A1</p> <p>[51] Int.Cl. 7B01D 53/86 7A61L 9/00 [25] EN [54] APPARATUS FOR REMOVING STERILANT FROM A STERILANT CONTAINING ATMOSPHERE [54] APPAREIL PERMETTANT D'ELIMINER UN STERILISANT D'UNE ATMOSPHERE CONTENANT UN STERILISANT [72] MARTIN, ANTHONY, GB [71] BIOQUELL UK LIMITED, GB [85] 2003-02-03 [86] 2001-08-02 (PCT/GB2001/003462) [87] 2002-02-14 (WO2002/011864) [30] GB (0019214.6) 2000-08-04</p>	<p>[21] 2,418,008 [13] A1</p> <p>[51] Int.Cl. 7A61K 47/10 7A61P 17/08 7A61K 47/14 7A61K 31/495 [25] EN [54] ANTIFUNGAL KETOCONAZOLE COMPOSITION FOR TOPICAL USE [54] COMPOSITIONS ANTIFONGIQUES A BASE DE KETOCONAZOLE, DESTINEES A UN USAGE TOPIQUE [72] TEMPLE, SUSAN COLETTE, GB [72] DIXON, ANDREW JAMES, GB [72] WHITEFIELD, MARTIN, GB [71] DIOMED DEVELOPMENTS LIMITED, GB [85] 2003-02-03 [86] 2001-08-14 (PCT/GB2001/003634) [87] 2002-02-28 (WO2002/015936) [30] GB (0020486.7) 2000-08-18</p>
<p>[21] 2,418,000 [13] A1</p> <p>[51] Int.Cl. 7A61M 5/32 [25] EN [54] DIALYSIS CATHETER ANCHORING SYSTEM [54] SYSTEME D'ANCRAGE DE CATHETER DE DIALYSE [72] MITCHELL, WAYNE T., US [72] PLUTH, RICHARD A., US [72] BIERMAN, STEVEN F., US [71] VENETEC INTERNATIONAL, INC., US [85] 2003-02-03 [86] 2001-08-01 (PCT/US2001/024509) [87] 2002-02-14 (WO2002/011786) [30] US (09/630,582) 2000-08-03</p>	<p>[21] 2,418,007 [13] A1</p> <p>[51] Int.Cl. 7B01J 19/24 7B01D 71/02 7B01J 35/06 7B01J 29/12 7C01B 3/50 7C01B 3/58 [25] EN [54] ZEOLITE MEMBRANES FOR SELECTIVE OXIDATION OF CARBON MONOXIDE IN MIXED HYDROGEN GAS SOURCE [54] MEMBRANES A BASE DE ZEOLITHE, DESTINEES A UNE OXYDATION SELECTIVE DE MONOXYDE DE CARBONE, DANS UNE SOURCE MELANGEE CONTENANT DE L'HYDROGENE GAZEUX [72] KUSAKABE, KATSUKI, JP [72] HASEGAWA, YASUHISA, JP [72] MOROOKA, SHIGEHARU, JP [72] ANDO, YASUNORI, JP [71] KUSAKABE, KATSUKI, JP [71] NORITAKE CO., LIMITED, JP [85] 2003-02-03 [86] 2001-08-07 (PCT/JP2001/006772) [87] 2002-02-14 (WO2002/011869) [30] JP (2000-238704) 2000-08-07</p>	<p>[21] 2,418,009 [13] A1</p> <p>[51] Int.Cl. 7F02D 11/02 7B60K 26/04 [25] EN [54] NORMAL TRAVEL SECURING DEVICE FOR AUTOMOBILE EQUIPPED WITH ACCELERATOR MAL-OPERATION PREVENTER [54] DISPOSITIF DE SECURITE DE CIRCULATION NORMALE POUR AUTOMOBILE EQUIPEE D'UNE FAUSSE-GARDE DE MAUVAISE OPERATION D'ACCELERATEUR [72] WATANABE, MASAEI, JP [71] WATANABE, MASAEI, JP [85] 2003-02-04 [86] 2001-08-07 (PCT/JP2001/006770) [87] 2003-02-04 (WO2002/012693) [30] JP (2000-239973) 2000-08-08</p>
		<p>[21] 2,418,011 [13] A1</p> <p>[51] Int.Cl. 7B28B 1/50 [25] EN [54] METHOD OF MANUFACTURING AUTOCLAVED, CELLULAR CONCRETE PRODUCTS USING BOTTOM ASH [54] PROCEDE DE FABRICATION DE PRODUITS DE BETON CELLULAIRE TRAITES A L'AUTOCLAVE, AU MOYEN DE MACHEFER [72] MEHLHOFF, MICHAEL P., US [71] ENVIROC, INC., US [85] 2003-02-03 [86] 2001-07-31 (PCT/US2001/024030) [87] 2002-02-14 (WO2002/011960) [30] US (60/223,282) 2000-08-03</p>

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[13] A1
[51] **Int.Cl. 7C02F 1/50 7C02F 5/08**
[25] EN
[54] **METHOD AND COMPOSITION FOR CLEANING AND MAINTAINING WATER DELIVERY SYSTEMS**
[54] **PROCEDE ET COMPOSITION DE NETTOYAGE ET D'ENTRETIEN DE SYSTEMES DE DISTRIBUTION D'EAU**
[72] AGER, SCOTT P., US
[72] IVERSON, CARL E., US
[71] CH20 INCORPORATED, US
[85] 2003-02-04
[86] 2001-08-03 (PCT/US2001/024457)
[87] 2002-02-14 (WO2002/012130)
[30] US (60/223,215) 2000-08-04
[30] US (60/280,447) 2001-03-29
[30] US (UNKNOWN) 2001-08-03

[21] **2,418,015**
[13] A1
[51] **Int.Cl. 7B65D 53/00**
[25] EN
[54] **CLOSURE CAP WITH INJECTION MOLDED ANNULAR GASKET AND METHOD OF MAKING SAME**
[54] **BOUCHON AVEC JOINT ANNULAIRE MOULE PAR INJECTION ET SON PROCEDE DE FABRICATION**
[72] KRAS, STEPHEN B., US
[72] TABER, JAMES, US
[71] WHITE CAP, INC., US
[85] 2003-02-04
[86] 2001-06-21 (PCT/US2001/041079)
[87] 2002-02-14 (WO2002/012087)
[30] US (09/634,182) 2000-08-09

[21] **2,418,018**
[13] A1
[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **METHOD AND SYSTEM FOR IMPLEMENTING A COMBINED INVESTMENT**
[54] **PROCEDE ET SYSTEME PERMETTANT DE METTRE EN OEUVRE UN INVESTISSEMENT COMBINE**
[72] FRATTALONE, NICHOLAS, US
[71] FRATTALONE, NICHOLAS, US
[85] 2003-02-04
[86] 2001-08-06 (PCT/US2001/041590)
[87] 2002-02-14 (WO2002/012984)
[30] US (60/223,193) 2000-08-04
[30] US (60/263,905) 2001-01-24

[21] **2,418,019**
[13] A1
[51] **Int.Cl. 7C02F 1/02 7C02F 9/00**
[25] EN
[54] **THERMAL WATER TREATMENT**
[54] **TRAITEMENT DES EAUX PAR VOIE THERMIQUE**
[72] TALBERT, SHERWOOD G., US
[72] HAUBERT, THOMAS D., US
[72] SCHELHORN, JEAN E., US
[72] MILLETT, STEPHEN M., US
[72] PAUL, DARRELL D., US
[72] WIESMANN, KLAUS H., US
[72] EVERS, DAVID P., US
[72] DVORSKY, JAMES E., US
[72] GEORGE, PAUL E., II, US
[71] BATTELLE MEMORIAL INSTITUTE, US
[85] 2003-02-03
[86] 2001-08-03 (PCT/US2001/024333)
[87] 2002-02-14 (WO2002/012125)
[30] US (60/222,846) 2000-08-04
[30] US (60/294,352) 2001-05-30
[30] US (09/921,344) 2001-08-02

[21] **2,418,022**
[13] A1
[51] **Int.Cl. 7B29C 33/20 7B29C 45/67 7B29C 45/68**
[25] EN
[54] **PLATEN CLAMPING MECHANISM FOR AN INJECTION-MOULDING MACHINE**
[54] **PLATEAU PORTE-MOULE D'UNE PRESSE D'INJECTION**
[72] WOHLRAB, WALTER, DE
[71] KRAUSS-MAFFEI KUNSTSTOFFTECHNIK GMBH, DE
[85] 2003-02-03
[86] 2001-08-21 (PCT/EP2001/009660)
[87] 2003-02-03 (WO2002/016105)
[30] DE (100 40 819.2) 2000-08-21

[21] **2,418,024**
[13] A1
[51] **Int.Cl. 7H04L 12/28 7H04L 12/413**
[25] EN
[54] **METHOD AND DEVICE FOR SIGNAL TRANSMISSION VIA A PLURALITY OF SIGNAL LINES**
[54] **PROCEDE ET DISPOSITIF POUR TRANSMISSION DE SIGNAUX**
[72] VAN DEN BERGH, KAREL MARIA, BE
[71] VAN DEN BERGH, KAREL MARIA, BE
[85] 2003-02-04
[86] 2001-08-01 (PCT/BE2001/000126)
[87] 2002-02-14 (WO2002/013461)
[30] BE (2000/503) 2000-08-10

[21] **2,418,029**
[13] A1
[51] **Int.Cl. 7B60T 17/22 7G01L 5/28**
[25] EN
[54] **BRAKE CONDITION MONITORING**
[54] **SURVEILLANCE DE L'ETAT DE FREINS**
[72] MARSHALL, ROSS JOHN, GB
[72] MILLER, RICHARD JOHN, GB
[72] GRIFFIN, NICHOLAS CHARLES, GB
[72] BAILEY, DAVID ALEXANDER, GB
[71] DUNLOP AEROSPACE LIMITED, GB
[85] 2003-02-03
[86] 2001-08-03 (PCT/GB2001/003494)
[87] 2002-02-14 (WO2002/012043)
[30] GB (0019250.0) 2000-08-04
[30] GB (0030927.8) 2000-12-19

[21] **2,418,034**
[13] A1
[51] **Int.Cl. 7C04B 26/04 7E04F 13/00 7C04B 14/04 7C04B 14/10 7C04B 14/18 7C04B 14/28 7C04B 24/38 7C04B 41/61**
[25] EN
[54] **METHOD, ASSEMBLY AND ADDITIONAL COAT FOR THE CONSTRUCTION OF INTERIOR WORKS**
[54] **PROCEDE, ASSEMBLAGE ET REVETEMENT SUPPLEMENTAIRE RELATIFS A LA FABRICATION D'OUVRAGES INTERIEURS**
[72] BOUCHER, ROLAND, CA
[72] BILODEAU, SYLVIE, CA
[72] GAGNE, PIERRE, CA
[72] LECLERCQ, CLAUDE, FR
[72] ZUBER, FRANCOIS, FR
[72] BOURNE-CHASTEL, PASCAL, FR
[72] COLBERT, ELIZABETH A., US
[71] LAFARGE PLATRES, FR
[85] 2003-02-03
[86] 2001-07-31 (PCT/EP2001/009336)
[87] 2002-02-14 (WO2002/012144)
[30] US (09/633,264) 2000-08-04

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[21] **2,418,049**
[13] A1
[51] **Int.Cl. 7G01V 8/22 7G08B 13/184**
[25] EN
[54] **LIGHT CURTAIN DEVICE**
[54] **DISPOSITIF GENERANT UN**
RIDEAU DE LUMIERE
[72] CHEN, BO SU, US
[72] ALDERMAN, RICHARD, US
[71] HONEYWELL INTERNATIONAL
INC., US
[85] 2003-02-03
[86] 2001-08-06 (PCT/US2001/024625)
[87] 2002-02-14 (WO2002/012828)
[30] US (09/631,904) 2000-08-04

[21] **2,418,050**
[13] A1
[51] **Int.Cl. 7H04L 9/32 7G06F 12/14**
[25] EN
[54] **LINKING PUBLIC KEY OF**
DEVICE TO INFORMATION DURING
MANUFACTURE
[54] **CLEF PUBLIQUE DE LIAISON DE**
DISPOSITIF D'INFORMATION
PENDANT LA FABRICATION
[72] WHEELER, LYNN HENRY, US
[72] WHEELER, ANNE M., US
[71] FIRST DATA CORPORATION, US
[85] 2003-02-03
[86] 2001-08-06 (PCT/US2001/024572)
[87] 2002-02-14 (WO2002/013445)
[30] US (60/223,076) 2000-08-04

[21] **2,418,053**
[13] A1
[51] **Int.Cl. 7C01B 6/04 7C01B 6/00 7C22C**
23/00
[25] EN
[54] **SAFE, ECONOMICAL**
TRANSPORT OF HYDROGEN IN
PELLETIZED FORM
[54] **TRANSPORT SANS RISQUE ET**
ECONOMIQUE D'HYDROGENE SOUS
FORME COMPACTEE
[72] STETSON, NED T., US
[72] YOUNG, ROSA T., US
[72] OVSHINSKY, STANFORD R., US
[72] MYASNIKOV, VITALIY, US
[71] ENERGY CONVERSION DEVICES,
INC., US
[85] 2003-02-03
[86] 2001-08-03 (PCT/US2001/024533)
[87] 2002-02-14 (WO2002/012118)
[30] US (09/634,678) 2000-08-08

[21] **2,418,054**
[13] A1
[51] **Int.Cl. 7C07C 233/87 7C07C 231/12**
7A61K 31/165
[25] EN
[54] **INHIBITORS OF .ALPHA.4**
MEDIATED CELL ADHESION
[54] **INHIBITEURS DE L'ADHESION**
CELLULAIRE INDUITE PAR .ALPHA.4
[72] KUME, TOSHIYUKI, JP
[72] TSUKIMOTO, MIKIKO, JP
[72] NOMURA, SUMIHIRO, JP
[72] KAWAGUCHI, TAKAYUKI, JP
[72] SIRCAR, ILA, US
[71] TANABE SEIYAKU CO., LTD., JP
[85] 2003-02-03
[86] 2001-08-27 (PCT/US2001/026594)
[87] 2002-03-07 (WO2002/018320)
[30] US (60/229,128) 2000-08-31

[21] **2,418,055**
[13] A1
[51] **Int.Cl. 7H01R 13/527 7C09K 21/00**
[25] EN
[54] **FIRE STOPPING COVER PLATE**
FOR FIRE STOPPING ELECTRICAL
OUTLETS AND SWITCHES
[54] **PLAQUE COUVRANTE COUPE-**
FEU, DESTINEE A STOPPER LA
PROPAGATION DE L'INCENDIE DANS
LES ORIFICES DE SORTIE ET
COMMUTATEURS ELECTRIQUES
[72] HARSHBARGER, D. MAX, US
[72] DYKHOFF, MICHAEL G., US
[72] BOROS, ROBERT J., US
[71] 3M INNOVATIVE PROPERTIES
COMPANY, US
[85] 2003-02-03
[86] 2001-02-05 (PCT/US2001/003667)
[87] 2002-03-07 (WO2002/019472)
[30] US (09/648,083) 2000-08-25

[21] **2,418,057**
[13] A1
[51] **Int.Cl. 7C08J 5/04**
[25] EN
[54] **METHOD AND DEVICE FOR**
PRODUCTION OF A REINFORCED
PLASTIC COMPONENT AND SAID
COMPONENT
[54] **PROCEDE ET DISPOSITIF DE**
REALISATION D'UN ELEMENT
STRUCTUREL PLASTIQUE
RENFORCE, ET ELEMENT
STRUCTUREL AINSI OBTENU
[72] BECKMANN, FRIEDHELM, DE
[72] SCHIRMER, SIEGFRIED, DE
[71] MOELLER PLAST GMBH, DE
[85] 2003-02-03
[86] 2001-07-28 (PCT/DE2001/002897)
[87] 2003-02-03 (WO2002/012375)
[30] DE (100 38 553.2) 2000-08-03

[21] **2,418,058**
[13] A1
[51] **Int.Cl. 7H04N 5/64**
[25] EN
[54] **IMAGE PROJECTION IN**
TELEVISION OFF POSITION
PROJECTION D'IMAGE SUR
L'ECRAN D'UN POSTE DE
TELEVISION EN POSITION ARRET
[72] WHITELAW, JEFFREY G., US
[72] ROBERTS, ANTHONY, US
[72] ANGEL, MARIA, US
[71] MITSUBISHI DIGITAL
ELECTRONICS AMERICA, INC., US
[85] 2003-02-03
[86] 2001-08-15 (PCT/US2001/025634)
[87] 2002-03-07 (WO2002/019703)
[30] US (09/648,440) 2000-08-25

[21] **2,418,070**
[13] A1
[51] **Int.Cl. 7A61K 9/22 7A61M 31/00**
7A61K 9/02
[25] EN
[54] **HYBRID NEUROPROSTHESIS FOR**
THE TREATMENT OF BRAIN
DISORDERS
[54] **NEUROPROTHESE HYBRIDE**
POUR LE TRAITEMENT DE
TROUBLES CEREBRAUX
[72] LUDVIG, NANDOR, US
[72] KOVACS, LORANT, US
[71] THE RESEARCH FOUNDATION OF
STATE UNIVERSITY, US
[85] 2003-02-04
[86] 2001-08-09 (PCT/US2001/024870)
[87] 2002-02-14 (WO2002/011703)
[30] US (09/634,172) 2000-08-09

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[21] **2,418,078**
[13] A1
[51] **Int.Cl. 7B24D 3/34 7B24B 19/22**
[25] EN
[54] **ABRASIVE SHEET, METHOD OF MANUFACTURING THE SAME AND METHOD TO ABRASE A FIBER OPTIC CONNECTOR**
[54] **ARTICLE ABRASIF, PROCEDES DE FABRICATION ET UTILISATION DE CELUI-CI**
[72] COAD, ERIC C., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2003-02-03
[86] 2001-06-19 (PCT/US2001/019630)
[87] 2002-03-14 (WO2002/020218)
[30] US (09/657,401) 2000-09-08

[21] **2,418,081**
[13] A1
[51] **Int.Cl. 7A61F 13/62**
[25] EN
[54] **ABSORBENT ARTICLE WITH IMPROVED FASTENING SYSTEM**
[54] **ARTICLE ABSORBANT A SYSTEME DE FIXATION AMELIORE**
[72] GLACKIN, GEORGE BARTOL III, US
[72] MAGEE, LUKE ROBINSON, US
[72] DOBRIN, GEORGE CHRISTOPHER, US
[72] KLINE, MARK JAMES, US
[72] ROBLES, MIGUEL ALVARO, US
[72] HAMILTON, RAYMOND SCOTT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2003-02-03
[86] 2001-08-03 (PCT/US2001/024557)
[87] 2002-02-14 (WO2002/011654)
[30] US (09/633,422) 2000-08-07

[21] **2,418,083**
[13] A1
[51] **Int.Cl. 7A61K 39/395 7A61K 31/00 7A61K 39/00 7A01N 61/00**
[25] EN
[54] **TREATMENT OF HYPERPROLIFERATIVE DISEASES WITH EPIDERMAL GROWTH FACTOR RECEPTOR ANTAGONISTS**
[54] **TRAITEMENT DE MALADIES HYPERPROLIFERATIVES AU MOYEN D'ANTAGONISTES DU RECEPTEUR DE FACTEUR DE CROISSANCE EPIDERMIQUE**
[72] TEUFEL, THOMAS, US
[71] IMCLONE SYSTEMS INCORPORATED, US
[85] 2003-02-03
[86] 2001-08-09 (PCT/US2001/041647)
[87] 2002-02-14 (WO2002/011677)
[30] US (09/635,974) 2000-08-09

[21] **2,418,085**
[13] A1
[51] **Int.Cl. 7A61K 38/00 7A61K 38/21 7A61K 31/70**
[25] EN
[54] **TREATMENT OF HEPATITIS C WITH THYMOSIN, INTERFERON AND RIBAVIRIN**
[54] **TRAITEMENT DE L'HEPATITE C PAR LA THYMOSINE, L'INTERFERON ET LA RIBAVIRINE**
[72] RUDOLPH, ALFRED R., US
[71] SCICLONE PHARMACEUTICALS INC., US
[85] 2003-02-03
[86] 2001-08-06 (PCT/US2001/041550)
[87] 2002-02-14 (WO2002/011749)
[30] US (60/223,317) 2000-08-07

[21] **2,418,105**
[13] A1
[51] **Int.Cl. 7B01J 19/00 7G01N 33/68**
[25] EN
[54] **MICROARRAYS OF FUNCTIONAL BIOMOLECULES, AND USES THEREFOR**
[54] **MICRORESEAUX DE BIOMOLECULES FONCTIONNELLES, ET UTILISATIONS ASSOCIEES**
[72] NIELSEN, ULRIC, US
[72] SORGER, PETER, US
[72] MARKS, JAMES D., US
[72] MACBEATH, GAVIN, US
[72] SINSKY, ANTHONY, US
[72] CARDONE, MICHAEL H., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, INC., US
[85] 2003-02-03
[86] 2001-08-03 (PCT/US2001/024264)
[87] 2002-02-14 (WO2002/012893)
[30] US (60/222,763) 2000-08-03

[21] **2,418,108**
[13] A1
[51] **Int.Cl. 7G06T 17/00**
[25] EN
[54] **DISPLAY OF IMAGES AND IMAGE TRANSITIONS**
[54] **AFFICHAGE D'IMAGES ET DE TRANSITIONS D'IMAGES**
[72] RABB, MAURICE, US
[71] RABB, MAURICE, US
[85] 2003-02-03
[86] 2001-08-03 (PCT/US2001/024312)
[87] 2002-02-14 (WO2002/013175)
[30] US (60/223,295) 2000-08-03

[21] **2,418,126**
[13] A1
[51] **Int.Cl. 7E21B 17/042**
[25] EN
[54] **COUPLINGS FOR ROTARY DRILL STRINGS**
[54] **ACCOUPLLEMENTS POUR TRAINS DE TIGES ROTATIFS**
[72] HAINES, TODD, ANDREW, AU
[71] HAINES, TODD, ANDREW, AU
[85] 2003-01-07
[86] 2001-07-23 (PCT/AU2001/000895)
[87] 2002-01-31 (WO2002/008566)
[30] AU (PQ 8924) 2000-07-21
[30] AU (PR 1765) 2000-11-29
[30] AU (PR 5389) 2001-05-31

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[21] **2,418,129**
[13] A1

[51] **Int.Cl. 7A61B 3/16**
[25] EN
[54] **SYSTEM FOR MEASURING INTRAOCULAR PRESSURE OF AN EYE AND A MEM SENSOR FOR USE THEREWITH**
[54] **SYSTEME DE MESURE DE LA PRESSION INTRAOCULAIRE D'UN OEIL ET CAPTEUR MEM A UTILISER AVEC LEDIT SYSTEME**
[72] FLEISCHMAN, AARON J., US
[72] ROY, SHUVO, US
[72] LEWIS, HILEL, US
[71] THE CLEVELAND CLINIC FOUNDATION, US
[85] 2003-02-10
[86] 2001-08-21 (PCT/US2001/026083)
[87] 2002-02-28 (WO2002/015774)
[30] US (09/642,573) 2000-08-21

[21] **2,418,130**
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 19/00 7C12Q 1/02 7A01K 67/027 7C12N 5/10 7A61K 38/17 7C12N 1/19 7C12N 1/21 7C07K 16/28 7G01N 33/50 7G01N 33/53 7G01N 33/566 7G01N 33/68 7C12Q 1/68 7C07K 14/705**
[25] EN
[54] **NOVEL G PROTEIN-COUPLED RECEPTOR**
[54] **RECEPTEUR COUPLE A UNE PROTEINE G**
[72] HAGA, TATSUYA, JP
[72] MITAKU, SHIGEKI, JP
[72] TAKEDA, SHIGEKI, JP
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP
[85] 2003-02-03
[86] 2001-07-30 (PCT/IB2001/001446)
[87] 2003-02-03 (WO2002/016548)
[30] JP (2000-237818) 2000-08-04
[30] JP (2001-34434) 2001-02-13

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[13] A1

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[25] EN
[54] **OXAZOLYL-ARYLPROPIONIC ACID DERIVATIVES AND THEIR USE AS PPAR AGONISTS**
[54] **DERIVES D'ACIDE OXAZOLYL-ARYLPROPIONIQUE ET LEUR UTILISATION COMME AGONISTES DES PPAR**
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[72] ARDECKY, ROBERT J., US
[72] XU, YANPING, US
[72] BROOKS, DAWN ALISA, US
[72] JONES, SARAH BETH, US
[72] GODFREY, ALEXANDER GLENN, US
[72] MANTLO, NATHAN BRYAN, US
[72] RITO, CHRISTOPHER JOHN, US
[72] MICHELLYS, PIERRE-YVES, US
[72] TYHONAS, JOHN S, US
[72] WINNEROSKI, LEONARD LARRY, US
[71] ELI LILLY AND COMPANY, US
[71] LIGAND PHARMACEUTICALS INCORPORATED, US
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[30] US (60/227,456) 2000-08-23

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[51] **Int.Cl. 7A61K 47/10 7A61K 47/12**
[25] EN
[54] **NOVEL COMPOSITION FOR TRANSDERMAL AND/OR TRANSMUCOSAL ADMINISTRATION OF ACTIVE COMPOUNDS THAT ENSURES ADEQUATE THERAPEUTIC LEVELS**
[54] **COMPOSITION POUR L'ADMINISTRATION TRANSDERMIQUE ET/OU TRANSMUCUEUSE DE COMPOSES ACTIFS ASSURANT DES NIVEAUX D'EFFICACITE THERAPEUTIQUE ADEQUATS**
[72] RODRIGUEZ, JORGE, CH
[72] PORTO, GABRIEL, CH
[72] CARRARA, DARIO, CH
[71] ANTARES PHARMA IPL AG, CH
[85] 2003-02-03
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[87] 2002-02-14 (WO2002/011768)
[30] EP (PCT/EP00/07533) 2000-08-03

[21] **2,418,137**
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[51] **Int.Cl. 7C09D 5/33 7C09D 7/12**
[25] EN
[54] **FLAT ELEMENT HAVING A DARK SURFACE AND EXHIBITING A REDUCED SOLAR ABSORPTION**
[54] **ELEMENT PLAT A SURFACE SOMBRE ET A ABSORPTION SOLAIRE REDUITE**
[72] HUGO, GERD, DE
[71] HUGO, GERD, DE
[85] 2003-02-03
[86] 2001-08-03 (PCT/EP2001/009020)
[87] 2002-02-14 (WO2002/012405)
[30] DE (100 38 381.5) 2000-08-07

[21] **2,418,139**
[13] A1

[51] **Int.Cl. 7B60B 15/00**
[25] EN
[54] **OBSTACLE TRAVERSING WHEEL ASSEMBLY**
[54] **ENSEMBLE DE ROUES CAPABLE DE ROULER SUR DES OBSTACLES**
[72] HEIEN, TROY A., US
[71] HEIEN, TROY A., US
[85] 2003-02-03
[86] 2001-07-25 (PCT/US2001/021115)
[87] 2002-02-14 (WO2002/012002)
[30] US (09/630,566) 2000-08-03

[21] **2,418,145**
[13] A1

[51] **Int.Cl. 7A61M 5/46**
[25] EN
[54] **CONTROLLED DEPTH INJECTION DEVICE AND METHOD**
[54] **DISPOSITIF D'INJECTION A UNE PROFONDEUR CONTROLEE ET PROCEDE ASSOCIE**
[72] MICKLEY, TIMOTHY J., US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2003-02-03
[86] 2001-08-01 (PCT/US2001/024029)
[87] 2002-02-14 (WO2002/011807)
[30] US (09/633,924) 2000-08-08

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[25] EN
[54] **USE OF MATRIX METALLOPROTEASE INHIBITORS FOR THE TREATMENT OF CANCER**
[54] **UTILISATION D'UN PRINCIPE ACTIF POUR LE TRAITEMENT DU CANCER**
[72] ZENNER, HANS PETER, DE
[72] SIMON, CHRISTIAN, DE
[71] ZENNER, HANS PETER, DE
[71] SIMON, CHRISTIAN, DE
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[30] EP (00114909.5) 2000-07-17

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[13] A1

[51] **Int.Cl. 7A61M 16/06**
[25] EN
[54] **RESPIRATOR MASK**
[54] **MASQUE RESPIRATOIRE**
[72] JUE, CLIFFORD T., US
[72] WILKINS, DAN P., US
[72] SULLIVAN, MICHAEL, US
[72] PATRON, ANTHONY, US
[72] BORDEWICK, STEVEN S., US
[72] WEINTRAUB, JEFF C., US
[72] KRONICH, CHRISTINE G., US
[72] LAI, JOHN W., US
[72] HANSEN, GARY L., US
[72] BONNETTE, BRADLEY J., US
[71] MALLINCKRODT INC., US
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[87] 2002-02-14 (WO2002/011804)
[30] US (09/632,625) 2000-08-04

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[13] A1

[51] **Int.Cl. 7A61M 25/00**
[25] EN
[54] **CATHETER SHAFT ASSEMBLY**
[54] **SYSTEME DE TIGE DE CATHETER**
[72] SLAKER, BRADLEY, US
[72] HAWK, MATTHEW, US
[72] LARSON, SCOTT, US
[72] CRANK, JUSTIN, US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2003-02-03
[86] 2001-08-06 (PCT/US2001/024585)
[87] 2002-02-14 (WO2002/011808)
[30] US (09/635,083) 2000-08-08

[21] **2,418,151**
[13] A1

[51] **Int.Cl. 7A61M 25/00**
[25] EN
[54] **TORTUOSE PATH INJECTION DEVICE AND METHOD**
[54] **PROCEDE ET DISPOSITIF D'INJECTION POUR VOIES TORTUEUSES**
[72] MICKLEY, TIMOTHY J., US
[71] BOSTON SCIENTIFIC LIMITED, BB
[85] 2003-02-03
[86] 2001-08-06 (PCT/US2001/024586)
[87] 2002-02-14 (WO2002/011809)
[30] US (09/634,117) 2000-08-08

[21] **2,418,154**
[13] A1

[51] **Int.Cl. 7A61K 38/21**
[25] EN
[54] **TREATMENT OF HEPATITIS C WITH THYMOSIN AND PEGYLATED INTERFERON**
[54] **TRAITEMENT DE L'HEPATITE C AVEC DE LA THYMOSINE ET DU PEG-INTERFERON**
[72] RUDOLPH, ALFRED R., US
[71] SCICLONE PHARMACEUTICALS INC., US
[85] 2003-02-03
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[87] 2002-02-14 (WO2002/011754)
[30] US (60/223,312) 2000-08-07

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[13] A1

[51] **Int.Cl. 7B29C 45/14**
[25] EN
[54] **A DECORATED ARTICLE MADE BY FILM INSERT MOLDING**
[54] **ARTICLE DECORE PAR MOULAGE AVEC FILM RAPPORTE**
[72] SMITH, STEPHEN G., US
[72] GRIFFIN, PATRICK J., US
[72] DOUGHERTY, DIANE D., US
[72] HEFFLEY, KEITH R., US
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[86] 2001-07-18 (PCT/US2001/022895)
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[30] US (09/620,777) 2000-07-21

[21] **2,418,161**
[13] A1

[51] **Int.Cl. 7A61B 5/103 7A61B 5/117**
[25] EN
[54] **DEVICE FOR THE DIRECT MANUAL EXAMINATION OF A PATIENT IN A NON-CONTIGUOUS LOCATION**
[54] **DISPOSITIF POUR L'EXAMEN MANUEL DIRECT D'UN PATIENT DANS UN EMPLACEMENT NON CONTIGU**
[72] OMBRELLARO, MARK P., US
[71] OMBRELLARO, MARK P., US
[85] 2003-01-02
[86] 2001-10-09 (PCT/US2001/031640)
[87] 2002-04-11 (WO2002/028271)
[30] US (09/685,327) 2000-10-06

[21] **2,418,162**
[13] A1

[51] **Int.Cl. 6A61K 31/38 6A61K 31/425 6A61K 31/47**
[25] EN
[54] **USE OF IL-8 RECEPTOR ANTAGONISTS IN THE TREATMENT OF VIRUS INFECTIONS**
[54] **UTILISATION DES ANTAGONISTES DES RECEPTEURS D'IL-8 DANS LE TRAITEMENT DES INFECTIONS VIRALES**
[72] TAL-SINGER, RUTH, US
[72] DILLON, SUSAN B., US
[71] SMITHKLINE BEECHAM CORPORATION, US
[85] 2003-01-16
[86] 2001-07-16 (PCT/US2001/022328)
[87] 2002-01-24 (WO2002/005814)
[30] US (60/219,053) 2000-07-18

[21] **2,418,164**
[13] A1

[51] **Int.Cl. 7A61B 5/0408**
[25] FR
[54] **DISPOSITIF D'ACQUISITION DE SIGNAUX ELECTRIQUES PROVENANT DU CORPS HUMAIN ET PLUS PARTICULIEREMENT DU COEUR**
[54] **DEVICE FOR ACQUIRING ELECTRIC SIGNALS COMING FROM THE HUMAN BODY AND MORE PARTICULARLY FROM THE HEART**
[72] OURY, DAVID, FR
[72] OURY, MAURICE, FR
[71] C 2 C SA, FR
[85] 2003-01-16
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[87] 2002-01-24 (WO2002/005711)
[30] FR (00/09483) 2000-07-19

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[21] **2,418,167**
[13] A1

[51] **Int.Cl. 7A61K 31/66**
[25] EN
[54] **COMPOSITIONS AND METHODS OF PREVENTING OR REDUCING THE RISK OR INCIDENCE OF SKELETAL INJURIES IN HORSES**
[54] **COMPOSITIONS ET PROCEDES PERMETTANT DE PREVENIR OU DE REDUIRE LE RISQUE OU LA FREQUENCE DES BLESSURES DU SQUELETTE CHEZ LES CHEVAUX**
[72] THOMPSON, DONALD R., US
[71] MERCK & CO., INC., US
[85] 2003-01-17
[86] 2001-07-17 (PCT/US2001/022470)
[87] 2002-01-31 (WO2002/007734)
[30] US (60/219,668) 2000-07-21

[21] **2,418,193**
[13] A1

[51] **Int.Cl. 7B01L 3/16 7B01D 3/02**
[25] FR
[54] **DISPOSITIF D'EVAPORATION ET DE CONDENSATION EN MILIEU FERME**
[54] **DEVICE FOR EVAPORATION AND CONDENSATION IN CONFINED ENVIRONMENT**
[72] GOPEL, CHRISTA, FR
[72] MANHES, GERARD, FR
[71] ANALAB (SOCIETE A RESPONSABILITE LIMITE), FR
[85] 2003-01-16
[86] 2001-07-16 (PCT/FR2001/002308)
[87] 2002-01-24 (WO2002/005961)
[30] FR (00/09322) 2000-07-17
[30] US (60/256,919) 2000-12-21

[21] **2,418,196**
[13] A1

[51] **Int.Cl. 7B03D 1/16**
[25] EN
[54] **ROTOR FOR FLOTATION MECHANISM AND METHOD FOR DIRECTING MATERIAL FLOW IN FLOTATION MACHINE**
[54] **ROTOR POUR MECANISME DE FLOTTATION ET PROCEDE SERVANT A DIRIGER LE FLUX DE MATIERE DANS LA MACHINE DE FLOTTATION**
[72] BOURKE, PETER, AU
[71] OUTOKUMPU OYJ, FI
[85] 2003-01-17
[86] 2001-07-19 (PCT/FI2001/000679)
[87] 2002-01-31 (WO2002/007891)
[30] FI (20001699) 2000-07-21

[21] **2,418,171**
[13] A1

[51] **Int.Cl. 7D21F 7/08 7D21F 1/00**
[25] EN
[54] **METHOD FOR PRODUCING PAPER MACHINE CLOTHING**
[54] **PROCEDE DE PRODUCTION D'HABILLAGES DE MACHINES A PAPIER**
[72] HANSEN, ROBERT A., DE
[71] ALBANY INTERNATIONAL CORP., US
[85] 2003-02-11
[86] 2001-10-03 (PCT/US2001/030937)
[87] 2002-04-11 (WO2002/029157)
[30] US (09/679,697) 2000-10-05

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[13] A1

[51] **Int.Cl. 7C07D 471/04 7C07D 221/00 7A61P 31/18 7A61K 31/4375**
[25] EN
[54] **TRICYCLIC 2-PYRIDONE COMPOUNDS USEFUL AS HIV REVERSE TRANSCRIPTASE INHIBITORS**
[54] **COMPOSANTS PYRIDONE-2 TRICYCLIQUES SERVANT D'INHIBITEURS DE LA TRANSCRIPTASE INVERSE DU HIV**
[72] RODGERS, JAMES D., US
[72] WANG, HAISHENG, US
[72] COCUZZA, ANTHONY J., US
[72] PATEL, MONA, US
[72] ARVANITIS, ARGYRIOS, US
[71] BRISTOL-MYERS SQUIBB PHARMA COMPANY, US
[85] 2003-01-17
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[30] US (60/219,532) 2000-07-20
[30] US (60/284,856) 2001-04-19

[21] **2,418,200**
[13] A1

[51] **Int.Cl. 7C07D 263/14**
[25] EN
[54] **5-TRITYLOXYMETHYL-OXAZOLIDINONES AND PROCESS FOR THE PREPARATION THEREOF**
[54] **5-TRITYLOXYMETHYL-OXAZOLIDINONES ET PROCEDE DE PREPARATION DE CELLES-CI**
[72] HOLLINGSWORTH, RAWLE I., US
[72] WANG, GUIJUN, US
[71] MICHIGAN STATE UNIVERSITY, US
[85] 2003-02-03
[86] 2001-07-16 (PCT/US2001/022296)
[87] 2002-03-28 (WO2002/024670)
[30] US (09/665,508) 2000-09-19

[21] **2,418,191**
[13] A1

[51] **Int.Cl. 7B03D 1/16**
[25] EN
[54] **FLOTATION MECHANISM AND METHOD FOR DISPERSING GAS AND CONTROLLING FLOW IN A FLOTATION CELL**
[54] **MECANISME DE FLOTTATION ET PROCEDE PERMETTANT DE DISPERSER UN GAZ ET D'AGIR SUR LE DEBIT DANS UNE CELLULE DE FLOTTATION**
[72] JOUNELA, SEPPO, FI
[72] LILJA, LAUNO, FI
[72] NYMAN, BROR, FI
[71] OUTOKUMPU OYJ, FI
[85] 2003-01-17
[86] 2001-07-19 (PCT/FI2001/000677)
[87] 2002-01-31 (WO2002/007890)
[30] FI (20001697) 2000-07-21

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[13] A1

[51] **Int.Cl. 7C01B 15/043**
[25] EN
[54] **COATED METAL PEROXIDES**
[54] **PEROXYDES METALLIQUES REVETUS**
[72] WASEM, GABRIELE, DE
[72] DOTSCHE, WERNER, DE
[71] SOLVAY INTEROX GMBH, DE
[85] 2003-01-16
[86] 2001-07-12 (PCT/EP2001/008052)
[87] 2002-01-24 (WO2002/006155)
[30] DE (100 35 287.1) 2000-07-18

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[13] A1

[51] **Int.Cl. 7G06T 1/20**
[25] EN
[54] **METHOD AND APPARATUS FOR GRAPHICS CONTEXT SWITCHING**
[54] **PROCEDE ET APPAREIL DE CHANGEMENT DE CONTEXTE GRAPHIQUE DYNAMIQUE UTILISES DANS UN SYSTEME INFORMATIQUE**
[72] DESCHENEUX, ROGER PAUL, US
[72] KUO, WEI, US
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2002-12-02
[86] 2001-07-19 (PCT/GB2001/003226)
[87] 2002-01-31 (WO2002/009083)
[30] US (09/620,355) 2000-07-20

[21] **2,418,221**
[13] A1

[51] **Int.Cl. 7A61B 17/12**
[25] EN
[54] **VASO-OCCLUSIVE COILS WITH SELECTIVELY FLATTENED AREAS**
[54] **SPIRALES D'OCCLUSION VASCULAIRE PRESENTANT DES REGIONS APLATIES SELECTIVEMENT**
[72] TEOH, CLIFFORD, US
[71] SCIMED LIFE SYSTEMS, INC., US
[85] 2003-02-03
[86] 2001-08-10 (PCT/US2001/025011)
[87] 2002-02-21 (WO2002/013707)
[30] US (09/637,714) 2000-08-11

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[13] A1

[51] **Int.Cl. 7A61B 17/12 7B21F 3/04**
[25] EN
[54] **METHOD OF MAKING VASO-OCCLUSIVE COILS**
[54] **PROCEDE DE FABRICATION D'ENROULEMENTS POUR OCCLUSION VASCULAIRE**
[72] TEOH, CLIFFORD, US
[71] SCIMED LIFE SYSTEMS, INC., US
[85] 2003-02-03
[86] 2001-08-10 (PCT/US2001/025143)
[87] 2002-02-21 (WO2002/013708)
[30] US (09/637,139) 2000-08-11

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[13] A1

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[25] EN
[54] **PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE**
[72] SATO, JUN, JP
[72] NAGAO, MASAO, JP
[72] ASAKAWA, NAOKI, JP
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP
[85] 2003-02-03
[86] 2001-08-10 (PCT/JP2001/006905)
[87] 2003-02-03 (WO2002/013816)
[30] JP (2000-247947) 2000-08-10
[30] JP (2000-247948) 2000-08-10

[21] **2,418,226**
[13] A1

[51] **Int.Cl. 7G05B 17/02 7G05B 13/02**
[25] EN
[54] **ON-LINE CALIBRATION PROCESS**
[54] **PROCEDE D'ETALONNAGE EN LIGNE**
[72] VIEL, FREDERIC, NL
[72] HUPKES, WIM, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2003-01-16
[86] 2001-07-17 (PCT/EP2001/008288)
[87] 2002-01-24 (WO2002/006905)
[30] EP (00306148.8) 2000-07-19

[21] **2,418,227**
[13] A1

[51] **Int.Cl. 7C07D 263/06**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF 5-HYDROXYMETHYL 2-OXAZOLIDINONE AND NOVEL INTERMEDIATE**
[54] **PROCEDE DE PREPARATION DE 5-HYDROXYMETHYL 2-OXAZOLIDINONE ET NOUVEAU PRODUIT INTERMEDIAIRE**
[72] WANG, GUIJUN, US
[72] HOLLINGSWORTH, RAWLE I., US
[71] MICHIGAN STATE UNIVERSITY, US
[85] 2003-02-03
[86] 2001-07-19 (PCT/US2001/022904)
[87] 2002-03-28 (WO2002/024669)
[30] US (09/666,061) 2000-09-19

[21] **2,418,231**
[13] A1

[51] **Int.Cl. 7C08G 63/78 7C08G 63/183 7C08G 63/89**
[25] EN
[54] **PROCESS FOR PRODUCING POLYTRIMETHYLENE TEREPHTHALATE**
[54] **PROCEDE DE PREPARATION DE POLYTRIMETHYLENE TEREPHTHALATE**
[72] KELSEY, DONALD ROSS, US
[72] SCARDINO, BETTY MARROU, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2003-01-16
[86] 2001-07-17 (PCT/EP2001/008281)
[87] 2002-01-31 (WO2002/008310)
[30] US (60/219,779) 2000-07-20
[30] US (09/892,306) 2001-06-26

[21] **2,418,232**
[13] A1

[51] **Int.Cl. 7A61N 5/10 7G01T 1/00**
[25] EN
[54] **AUTOMATED CALIBRATION FOR RADIATION DOSIMETRY USING FIXED OR MOVING BEAMS AND DETECTORS**
[54] **ETALONNAGE AUTOMATISE POUR DOSIMETRIE DES RAYONNEMENTS AU MOYEN DE DETECTEURS ET DE FAISCEAUX FIXES OU EN DEPLACEMENT**
[72] RITT, DANIEL M., US
[71] RADIOLOGICAL IMAGING TECHNOLOGY INC., US
[85] 2003-02-11
[86] 2001-09-19 (PCT/US2001/029327)
[87] 2002-03-28 (WO2002/024277)
[30] US (60/234,745) 2000-09-22
[30] US (60/252,705) 2000-11-22
[30] US (09/872,559) 2001-06-01

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[13] A1

[51] **Int.Cl. 7A61K 35/74 7A01N 63/02 7A61P 31/02 7C12N 1/20**
[25] EN
[54] **ANIMAL PAPILLA DISINFECTANTS AND METHOD OF IMPROVING MICROBIAL ENVIRONMENT**
[54] **DESINFECTANTS POUR LES PAPILLES D'ANIMAUX ET PROCEDE PERMETTANT D'AMELIORER L'ENVIRONNEMENT MICROBIEN**
[72] ITO, NAOKI, JP
[72] ITO, EIZO, JP
[71] SHINEI FERMENTEC CORPORATION, JP
[85] 2003-02-03
[86] 2001-08-10 (PCT/JP2001/006911)
[87] 2003-02-03 (WO2002/013839)
[30] JP (2000-243245) 2000-08-10

[21] **2,418,244**
[13] A1

[51] **Int.Cl. 7A61L 15/28 7C09J 7/02 7A61L 15/24**
[25] EN
[54] **CALENDERED HYDROCOLLOID DRESSING**
[54] **PANSEMENT HYDROCOLLOIDE CALANDRE**
[72] BARNES, SCOTT C., CA
[72] DING, LING JIAN, US
[71] SCAPA TAPES N.A., CA
[85] 2003-02-03
[86] 2001-08-09 (PCT/US2001/024961)
[87] 2002-02-21 (WO2002/013879)
[30] US (60/225,717) 2000-08-16
[30] US (09/925,063) 2001-08-08

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[13] A1

[51] **Int.Cl. 7B01J 19/00 7B01L 3/02 7B41J 2/045**
[25] EN
[54] **DEVICE AND METHOD FOR THE NON-CONTACT APPLICATION OF MICRO-DROPLETS ON A SUBSTRATE**
[54] **DISPOSITIF ET PROCEDE POUR DEPOSER SANS CONTACT DES MICROGOUTTELETTES SUR UN SUBSTRAT**
[72] ZENGERLE, ROLAND, DE
[72] DE HEIJ, BAS, DE
[71] ZENGERLE, ROLAND, DE
[71] DE HEIJ, BAS, DE
[85] 2003-02-11
[86] 2001-02-16 (PCT/EP2001/001747)
[87] 2003-02-11 (WO2002/016021)
[30] DE (100 41 536.9) 2000-08-24

[21] **2,418,247**
[13] A1

[51] **Int.Cl. 7A45C 13/22 7A45F 5/10**
[25] EN
[54] **REMOVABLE GRIP FOR A BUCKET**
[54] **POIGNEE AMOVIBLE DESTINEE A UN SEAU**
[72] GALLUP, ERIC M., US
[71] GALLUP, ERIC M., US
[85] 2003-02-03
[86] 2001-08-10 (PCT/US2001/025181)
[87] 2002-02-21 (WO2002/014162)
[30] US (09/636,372) 2000-08-11

[21] **2,418,249**
[13] A1

[51] **Int.Cl. 7E21B 10/32**
[25] EN
[54] **DRILLING APPARATUS**
[54] **APPAREIL DE FORAGE**
[72] PIA, GIANCARLO, GB
[71] WEATHERFORD/LAMB, INC., US
[85] 2003-02-03
[86] 2001-08-09 (PCT/GB2001/003577)
[87] 2002-02-21 (WO2002/014645)
[30] GB (0019854.9) 2000-08-11

[21] **2,418,250**
[13] A1

[51] **Int.Cl. 7G02B 6/16 7H04B 10/12 7G02B 6/22**
[25] EN
[54] **METHOD FOR REDUCING STIMULATED BRILLOUIN SCATTERING IN WAVEGUIDE SYSTEMS AND DEVICES**
[54] **PROCEDE DE REDUCTION D'UNE DIFFUSION BRILLOUIN STIMULEE DANS DES SYSTEMES ET DISPOSITIFS DE GUIDE D'ONDES**
[72] PAPEN, GEORGE, US
[72] DRAGIC, PETER, US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2003-02-03
[86] 2001-08-13 (PCT/US2001/041682)
[87] 2002-02-21 (WO2002/014920)
[30] US (09/638,239) 2000-08-14

[21] **2,418,256**
[13] A1

[51] **Int.Cl. 7H01Q 13/08 7H01Q 21/24**
[25] EN
[54] **PHASED ARRAY ANTENNA ELEMENT HAVING FLARED RADIATING LEG ELEMENTS**
[54] **ANTENNE RESEAU A COMMANDE DE PHASE POUR VUE DE BRANCHES RAYONNANTES EVASEES**
[72] TAYLOR, ROBERT, US
[71] HARRIS CORPORATION, US
[85] 2003-02-03
[86] 2001-08-11 (PCT/US2001/025580)
[87] 2002-02-21 (WO2002/015331)
[30] US (09/638,720) 2000-08-14

[21] **2,418,253**
[13] A1

[51] **Int.Cl. 7G08C 15/00 7H04M 11/00 7H04Q 9/00 7G01R 11/02**
[25] EN
[54] **A SYSTEM FOR AUTOMATIC COLLECTION AND TRANSPORT OF READINGS FROM WATER, GAS AND ELECTRICITY METERS**
[54] **SYSTEME DE RECUEIL ET DE TRANSPORT AUTOMATIQUES DE RELEVES DE COMPTEURS D'EAU, DE GAZ ET D'ELECTRICITE**
[72] COMAS ROMERO, JOSE MARIO, ES
[72] PERELLO GARCIA, CARLES, ES
[71] AUTOMATED METER READING SYSTEMS, S.L., ES
[85] 2003-01-16
[86] 2001-06-21 (PCT/IB2001/001142)
[87] 2002-01-31 (WO2002/008725)
[30] ES (P 200001790) 2000-07-19

[21] **2,418,254**
[13] A1

[51] **Int.Cl. 7H01Q 13/08 7H01Q 21/24**
[25] EN
[54] **PHASED ARRAY ANTENNA ELEMENT WITH STRAIGHT V-CONFIGURATION RADIATING LEG ELEMENTS**
[54] **ELEMENT D'ANTENNE RESEAU EN PHASE A BRANCHES RADIANTES EN V DROITS**
[72] TAYLOR, ROBERT, US
[71] HARRIS CORPORATION, US
[85] 2003-02-03
[86] 2001-08-11 (PCT/US2001/025503)
[87] 2002-02-21 (WO2002/015330)
[30] US (09/638,742) 2000-08-14

[21] **2,418,256**
[13] A1

[51] **Int.Cl. 7H01Q 13/08 7H01Q 21/24**
[25] EN
[54] **PHASED ARRAY ANTENNA ELEMENT HAVING FLARED RADIATING LEG ELEMENTS**
[54] **ANTENNE RESEAU A COMMANDE DE PHASE POUR VUE DE BRANCHES RAYONNANTES EVASEES**
[72] TAYLOR, ROBERT, US
[71] HARRIS CORPORATION, US
[85] 2003-02-03
[86] 2001-08-11 (PCT/US2001/025580)
[87] 2002-02-21 (WO2002/015331)
[30] US (09/638,720) 2000-08-14

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[21] **2,418,260**
[13] A1
[51] **Int.Cl. 7C07H 17/08 7A61P 31/04 7A61K 31/7048**
[25] EN
[54] **ERYTHROMYCIN DERIVATIVES AND MEDICINES CONTAINING THE SAME**
[54] **DERIVES D'ERYTHROMYCINE ET MEDICAMENTS EN CONTENANT**
[72] OHMOTO, SHINOBU, JP
[72] NISHIMOTO, AKEMI, JP
[72] KATO, HIDEO, JP
[72] YOSHIDA, TOSHIHIKO, JP
[71] HOKURIKU SEIYAKU CO., LTD., JP
[85] 2003-01-23
[86] 2001-09-26 (PCT/JP2001/008388)
[87] 2002-04-04 (WO2002/026753)
[30] JP (2000-293754) 2000-09-27
[30] JP (2001-063034) 2001-03-07

[21] **2,418,269**
[13] A1
[51] **Int.Cl. 7G06F 7/72**
[25] EN
[54] **METHOD AND DEVICE FOR MODULAR MULTIPLICATION**
[54] **PROCEDE ET DISPOSITIF DE MULTIPLICATION MODULAIRE**
[72] SEIFERT, JEAN-PIERRE, DE
[72] JANSSEN, NORBERT, DE
[72] SEDLAK, HOLGER, DE
[72] ELBE, ASTRID, DE
[71] INFINEON TECHNOLOGIES AG, DE
[85] 2003-02-06
[86] 2002-01-24 (PCT/EP2002/000734)
[87] 2003-02-06 (WO2002/073394)
[30] DE (101 11 987.9) 2001-03-13

[21] **2,418,272**
[13] A1
[51] **Int.Cl. 7H04L 29/06**
[25] EN
[54] **SYSTEM AND METHOD FOR INTEGRATING DISPARATE NETWORKS FOR USE IN ELECTRONIC COMMUNICATION AND COMMERCE**
[54] **SYSTEME ET PROCEDE D'INTEGRATION DE RESEAUX DISPARATES A UTILISER EN COMMUNICATION ET EN COMMERCE ELECTRONIQUE**
[72] MAKRIS, ALAIN, US
[72] HAND, PHIL, US
[72] JOHANNES, JENNIFER, US
[72] MAUPIN, KATHY, US
[72] FOWLER, GEORGE, US
[72] SHANNON, MARK, US
[72] SENEHI, KATE, US
[72] LINDSEY, JOEL, US
[71] MANUGISTICS ATLANTA, INC., US
[85] 2003-02-10
[86] 2001-08-13 (PCT/US2001/025279)
[87] 2002-02-21 (WO2002/015515)
[30] US (60/224,538) 2000-08-11

[21] **2,418,273**
[13] A1
[51] **Int.Cl. 7C07D 417/14 7C07D 491/10 7C07D 417/12 7C07D 213/40**
[25] EN
[54] **UREA COMPOUNDS AND METHODS OF USES**
[54] **COMPOSES D'UREE ET LEURS PROCEDES D'UTILISATION**
[72] YANG, KEVIN, US
[72] TEGLEY, CHRISTOPHER, US
[72] SMITH, LEON, US
[72] ASKEW, BENNY, US
[72] TASKER, ANDREW, US
[72] SANTORA, VINCENT, US
[72] NORMAN, MARK HENRY, US
[72] LI, AIWEN, US
[72] LIU, GANG, US
[72] LIAN, BRIAN, US
[72] HAGUE, ANDREW, US
[72] GHOSE, ARUP, US
[72] KIM, TAE SEONG, US
[72] LABER, ELLEN, US
[71] AMGEN INC., US
[85] 2003-02-07
[86] 2001-08-15 (PCT/US2001/025472)
[87] 2002-02-21 (WO2002/014311)
[30] US (60/225,793) 2000-08-15
[30] US (09/930,753) 2001-08-14

[21] **2,418,275**
[13] A1
[51] **Int.Cl. 7A47G 27/04**
[25] EN
[54] **CARPET TACK STRIP THRESHOLD**
[54] **SEUIL POUR BAGUETTE A GRIFFES D'ANCRAGE DE TAPIS**
[72] JOHNSON, TIMOTHY S., CA
[71] DURAMAX, INC., US
[85] 2003-02-12
[86] 2001-10-25 (PCT/US2001/051300)
[87] 2002-05-16 (WO2002/038854)
[30] US (60/243,074) 2000-10-25

[21] **2,418,283**
[13] A1
[51] **Int.Cl. 7C07C 257/18 7A61P 7/02 7C07D 295/16 7A61K 31/165 7C07C 259/18 7C07D 295/18 7A61K 31/495**
[25] EN
[54] **NOVEL COMPOUNDS INHIBITING FACTOR XA ACTIVITY**
[54] **NOUVEAUX COMPOSES INHIBANT L'ACTIVITE DU FACTEUR XA**
[72] ECKL, ROBERT, DE
[72] CAPPI, MICHAEL W., DE
[72] FUCHS, THILO, DE
[72] SCHABBERT, SILKE, DE
[71] MORPHOCHEM AG, GB
[85] 2003-02-03
[86] 2001-08-23 (PCT/EP2001/009753)
[87] 2003-02-03 (WO2002/016312)
[30] DE (100 41 402.8) 2000-08-23

[21] **2,418,289**
[13] A1
[51] **Int.Cl. 7B23K 1/00 7B32B 15/01 7B23K 31/02 7F02C 7/18 7B23K 1/19 7B23K 1/20**
[25] EN
[54] **LAYERED HEAT-RESISTANT ALLOY PLATE AND METHOD OF PRODUCING THE SAME**
[54] **PLAQUE STRATIFIEE EN ALLIAGE THERMO-RESISTANT ET PROCEDE DE PRODUCTION ASSOCIE**
[72] HIROTA, NORIHIDE, JP
[72] SUGIMOTO, YUSAKU, JP
[72] HASEGAWA, KAZUHIKO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[71] KINZOKU GIKEN CO., LTD., JP
[85] 2003-02-03
[86] 2001-11-15 (PCT/JP2001/009977)
[87] 2003-02-03 (WO2002/042031)
[30] JP (2000-359197) 2000-11-27

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[21] **2,418,296**
[13] A1
[51] **Int.Cl. 7F23R 3/30 7F23R 3/10**
[25] EN
[54] **COMBUSTOR**
[54] **CHAMBRE DE COMBUSTION**
[72] SAITOH, KEIJIROU, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2003-02-03
[86] 2002-06-07 (PCT/JP2002/005710)
[87] 2003-02-03 (WO2002/101294)
[30] JP (2001-173005) 2001-06-07

[21] **2,418,299**
[13] A1
[51] **Int.Cl. 7A61B 17/12 7C21D 9/02 7C21D 1/42**
[25] EN
[54] **VARIABLE SOFTNESS VASO-OCCLUSIVE COILS**
[54] **SPIRALES D'OCCLUSION VASCULAIRE A SOUPLESSE VARIABLE**
[72] TEOH, CLIFFORD, US
[71] SCIMED LIFE SYSTEMS, INC., US
[85] 2003-02-03
[86] 2001-08-10 (PCT/US2001/025008)
[87] 2002-02-21 (WO2002/013706)
[30] US (09/637,470) 2000-08-11

[21] **2,418,301**
[13] A1
[51] **Int.Cl. 7H04Q 7/22 7H04L 29/06 7H04L 29/08 7H04L 12/18 7H04L 12/28**
[25] EN
[54] **COMMUNIQUE SYSTEM FOR CELLULAR COMMUNICATION NETWORKS**
[54] **SYSTEME DE COMMUNIQUE POUR DES RESEAUX DE COMMUNICATION CELLULAIRE**
[72] GRAZIANO, JAMES M., US
[72] MCKENNA, DANIEL B., US
[71] VESUVIUS, INC., US
[85] 2003-02-03
[86] 2001-08-13 (PCT/US2001/025331)
[87] 2002-02-21 (WO2002/015610)
[30] US (09/638,744) 2000-08-14

[21] **2,418,313**
[13] A1
[51] **Int.Cl. 7C07D 211/22 7A61P 1/00 7A61P 11/00 7A61P 17/00 7A61P 19/00 7A61P 29/00 7A61P 43/00 7A61P 35/02 7A61P 3/04 7A61P 31/04 7A61P 11/06 7A61P 17/06 7A61P 37/06 7A61P 37/08 7A61P 3/10 7A61P 9/10 7A61P 19/10 7A61P 13/12 7A61P 27/14 7A61P 1/16 7A61P 25/16 7A61P 27/16 7A61P 31/18 7A61P 25/24 7A61P 25/28 7A61K 31/451 7C07D 211/64**
[25] EN
[54] **PIPERIDINE DERIVATIVES AND DRUGS CONTAINING THESE DERIVATIVES AS THE ACTIVE INGREDIENT**
[54] **DERIVES DE PIPERIDINE ET MEDICAMENTS A BASE DE TELS PRINCIPES ACTIFS**
[72] KISHIKAWA, KATSUYA, JP
[72] NAKAI, HISAO, JP
[71] ONO PHARMACEUTICAL CO., LTD., JP
[85] 2003-02-05
[86] 2001-08-09 (PCT/JP2001/006861)
[87] 2003-02-05 (WO2002/014280)
[30] JP (2000-243881) 2000-08-11
[30] JP (2000-357517) 2000-11-24

[21] **2,418,316**
[13] A1
[51] **Int.Cl. 7B29C 45/00 7B29C 47/76**
[25] EN
[54] **METHOD FOR INJECTION MOULDING MOULDED BODIES CONSISTING OF (METH)ACRYLATE COPOLYMERS**
[54] **PROCEDE POUR LE MOULAGE PAR INJECTION DE CORPS MOULES EN COPOLYMERES DE (METH)ACRYLATE**
[72] HOSS, WERNER, DE
[72] ASSMUS, MANFRED, DE
[72] SCHIKOWSKY, HARTMUT, DE
[72] FUCHS, WOLFGANG, DE
[72] PETEREIT, HANS-ULRICH, DE
[72] BECKERT, THOMAS, DE
[71] ROHM GMBH & CO. KG, DE
[85] 2003-02-03
[86] 2002-05-08 (PCT/EP2002/005041)
[87] 2003-02-03 (WO2002/098625)
[30] DE (101 27 134.4) 2001-06-05

[21] **2,418,321**
[13] A1
[51] **Int.Cl. 7C23G 5/02 7C23G 5/024 7C23G 5/032 7C23G 5/036 7B08B 3/04**
[25] EN
[54] **UNIVERSAL PAINT SOLVENT**
[54] **SOLVANT UNIVERSEL POUR PEINTURE**
[72] SUMMERFIELD, STEPHEN, GB
[72] SAQUET, XENOPHON G., US
[72] MAXWELL, JEFFREY W., US
[71] GAGE PRODUCTS COMPANY, US
[85] 2003-02-05
[86] 2001-08-14 (PCT/US2001/041735)
[87] 2002-02-21 (WO2002/014582)
[30] US (60/225,125) 2000-08-14
[30] US (09/927,283) 2001-08-10

[21] **2,418,325**
[13] A1
[51] **Int.Cl. 7F27B 3/14 7C22B 15/00 7C22B 5/14**
[25] EN
[54] **BOTTOM STRUCTURE FOR A SMELTING FURNACE**
[54] **STRUCTURE DE FOND POUR FOUR DE FUSION**
[72] KOJO, ILKKA, FI
[72] SAARINEN, RISTO, FI
[71] OUTOKUMPU OYJ, FI
[85] 2003-02-05
[86] 2001-08-17 (PCT/FI2001/000730)
[87] 2002-02-21 (WO2002/014765)
[30] FI (20001827) 2000-08-18

[21] **2,418,326**
[13] A1
[51] **Int.Cl. 7C04B 26/02 7C04B 14/02 7E04F 15/02 7B32B 27/20 7C04B 41/72**
[25] EN
[54] **ARTIFICIAL STONE HAVING NON-SLIP PROPERTY**
[54] **PIERRE ARTIFICIELLE POSSEDANT DES PROPRIETES NON GLISSANTES**
[72] YAMANASHI, SUMIYO, JP
[72] SAKAI, MIEKO, JP
[72] SAITO, KENICHIRO, JP
[71] DOPPEL CO., LTD., JP
[85] 2003-02-03
[86] 2001-08-01 (PCT/JP2001/006628)
[87] 2003-02-03 (WO2002/010087)
[30] JP (2000-233513) 2000-08-01

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<p style="text-align: center;">[21] 2,418,336 [13] A1</p> <p>[51] Int.Cl. 7A61K 7/02 7A61K 7/42 [25] EN [54] DECORATIVE COSMETIC PREPARATIONS CONTAINING DIALKYL CARBONATES AND METAL OXIDES [54] PREPARATIONS COSMETIQUES DECORATIVES CONTENANT UN DIALKYL CARBONATE ET DES OXYDES METALLIQUES [72] NAGGIAR, SAMIR F., US [72] ANSMANN, ACHIM, DE [72] KAWA, ROLF, DE [72] CORBELLA, ALBERTO, IT [71] COGNIS DEUTSCHLAND GMBH & CO. KG, DE [85] 2003-01-17 [86] 2001-07-07 (PCT/EP2001/007820) [87] 2003-01-17 (WO2002/005759) [30] DE (100 35 071.2) 2000-07-17</p>	<p style="text-align: center;">[21] 2,418,339 [13] A1</p> <p>[51] Int.Cl. 7H04Q 7/22 7H04L 29/06 7H04L 29/08 7H04L 12/18 7H04L 12/28 [25] EN [54] COMMUNICATION SYSTEM WITH NONCONTIGUOUS COVERAGE AREAS IN CELLULAR COMMUNICATION NETWORKS [54] SYSTEME DE COMMUNIQUEES PRESENTANT DES ZONES DE COUVERTURE DE COMMUNIQUEE NON CONTIGUES DANS DES RESEAUX DE COMMUNICATION CELLULAIRE [72] MCKENNA, DANIEL B., US [72] GRAZIANO, JAMES M., US [71] VESUVIUS, INC., US [85] 2003-02-05 [86] 2001-08-13 (PCT/US2001/025323) [87] 2002-02-21 (WO2002/015605) [30] US (09/638,744) 2000-08-14 [30] US (09/756,057) 2001-01-08</p>	<p style="text-align: center;">[21] 2,418,354 [13] A1</p> <p>[51] Int.Cl. 7C09D 127/00 7C08L 7/00 7C08L 9/00 7C08L 21/00 7C08K 5/544 7C08K 5/5465 [25] EN [54] RUBBER BLENDS CONTAINING ISOCYANATOSILANE AND MICROGEL [54] MELANGES CAOUTCHOUTES CONTENANT DES ISOCYANATOSILANES ET DES MICROGELS [72] OBRECHT, WERNER, DE [72] MEZGER, MARTIN, DE [72] SUMNER, ANTHONY, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2003-02-05 [86] 2001-07-25 (PCT/EP2001/008585) [87] 2003-02-05 (WO2002/012389) [30] DE (100 38 488.9) 2000-08-08</p>
<p style="text-align: center;">[21] 2,418,338 [13] A1</p> <p>[51] Int.Cl. 7A22C 18/00 7A22C 21/00 7A22C 25/00 7A22C 25/14 7A22C 25/18 7A22C 25/20 [25] EN [54] DUAL BLADE LOIN KNIFE ASSEMBLY FOR AUTOMATIC LOIN PULLER APPARATUS [54] ENSEMBLE COUTEAU A DOUBLE LAME POUR DISPOSITIF AUTOMATIQUE SERVANT A RETIRER LA LONGE [72] CHAPPELL, DAVID L., US [72] BOODY, LAWRENCE D., US [71] ACRALOC CORPORATION, US [85] 2003-02-07 [86] 2001-08-10 (PCT/US2001/025086) [87] 2002-02-21 (WO2002/013619) [30] US (60/224,848) 2000-08-11</p>	<p style="text-align: center;">[21] 2,418,353 [13] A1</p> <p>[51] Int.Cl. 7A61K 39/39 7A61P 37/04 [25] EN [54] PARENTERAL VACCINE FORMULATIONS AND USES THEREOF [54] FORMULATIONS PARENTERALES DE VACCIN ET APPLICATIONS DE CELLES-CI [72] SONI, NANNA KRISTENSEN, DK [72] AASMUL-OLSEN, STIG, DK [72] LUND, LISE, DK [72] RAHBEK, JANNE ULDAL, DK [71] ALK-ABELLO A/S, DK [85] 2003-02-05 [86] 2001-08-09 (PCT/DK2001/000532) [87] 2002-02-14 (WO2002/011760) [30] DK (PA 2000 001194) 2000-08-09 [30] US (60/224,037) 2000-08-09</p>	<p style="text-align: center;">[21] 2,418,358 [13] A1</p> <p>[51] Int.Cl. 7B01J 8/02 7H01M 8/06 7C01B 3/38 7C01B 3/48 [25] EN [54] FLOW DISTRIBUTOR [54] DISTRIBUTEUR DE FLUX [72] WENTINCK, HENDRIK MARTINUS, NL [72] SEVENHUIJSEN, ERIC, NL [71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL [85] 2003-02-05 [86] 2001-08-06 (PCT/EP2001/009101) [87] 2002-02-14 (WO2002/011878) [30] EP (00306740.2) 2000-08-08</p>
		<p style="text-align: center;">[21] 2,418,361 [13] A1</p> <p>[51] Int.Cl. 7B62B 1/14 7B62B 5/00 [25] EN [54] WHEELED PLATFORM FOR ERECTABLE CANOPY SHELTER [54] PLATE-FORME A ROUES POUR ABRI A AUVENT MONTABLE [72] CARTER, MARK C., US [71] CARTER, MARK C., US [85] 2003-02-07 [86] 2001-07-24 (PCT/US2001/023322) [87] 2002-01-31 (WO2002/008043) [30] US (09/626,405) 2000-07-26</p>

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[21] **2,418,363**
[13] A1
[51] **Int.Cl. 7B65G 47/52 7B07C 3/00**
7B65G 43/00 7B65G 47/48
[25] EN
[54] **AIRPORT BAGGAGE HANDLING CONVEYOR SYSTEM**
[54] **SYSTEME DE TRANSPORT ET DE MANUTENTION DES BAGAGES DANS UN AEROPORT**
[72] OSTROM, ULF, NO
[71] OSTROM, ULF, NO
[85] 2003-02-06
[86] 2001-06-27 (PCT/NO2001/000273)
[87] 2002-01-24 (WO2002/006141)
[30] NO (20003491) 2000-07-06

[21] **2,418,364**
[13] A1
[51] **Int.Cl. 7A61H 9/00 7A63B 22/00**
7A63B 21/005 7A61G 10/02 7A61H 1/02
7A63B 22/08
[25] EN
[54] **SLIMMING DEVICE**
[54] **DISPOSITIF D'AMINCISSEMENT**
[72] EGGER, NORBERT, AT
[71] EGGER, NORBERT, AT
[85] 2003-02-05
[86] 2001-08-10 (PCT/EP2001/009281)
[87] 2003-02-05 (WO2002/011661)
[30] AT (A1383/2000) 2000-08-10
[30] DE (101 15 286.8) 2001-03-28
[30] US (09/818,999) 2001-03-28

[21] **2,418,365**
[13] A1
[51] **Int.Cl. 7A01N 37/10 7A01N 63/00**
7C12N 1/20 7C12N 1/21 7C12N 15/32
[25] EN
[54] **METHODS FOR BLOCKING RESISTANCE TO BT TOXINS IN INSECTS AND NEMATODES**
[54] **PROCEDES PERMETTANT DE BLOQUER LA RESISTANCE AUX TOXINES BT CHEZ LES INSECTES ET LES NEMATODES**
[72] AROAIN, RAFFI V., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2003-02-07
[86] 2001-08-10 (PCT/US2001/041687)
[87] 2002-02-21 (WO2002/013609)
[30] US (60/244,941) 2000-08-11

[21] **2,418,366**
[13] A1
[51] **Int.Cl. 7B65B 11/00**
[25] EN
[54] **A METHOD AND AN APPARATUS FOR IMPROVING FUNCTIONING OF A WRAPPING MACHINE**
[54] **PROCEDE ET APPAREIL DESTINES A AMELIORER LE FONCTIONNEMENT D'UNE MACHINE A EMBALLER**
[72] HERAVA, ISMO, FI
[71] UNITED PACKAGING PLC, GB
[85] 2003-02-05
[86] 2001-08-08 (PCT/FI2001/000702)
[87] 2002-02-14 (WO2002/012065)
[30] FI (20001779) 2000-08-10

[21] **2,418,369**
[13] A1
[51] **Int.Cl. 7C07D 295/205 7A61P 9/00**
7A61P 25/00 7C07D 257/04 7C07D 401/04
7C07D 215/06 7C07D 235/06 7C07D 209/08
7C07D 295/088 7C07D 295/092 7C07D 295/096 7C07D 401/12 7C07D 211/22
7C07D 235/26 7C07D 317/28 7C07D 207/335
7C07D 239/34 7A61K 31/357 7C07D 213/36 7A61K 31/40 7A61K 31/403 7A61K 31/4184
7A61K 31/4402 7A61K 31/4427 7A61K 31/4453 7A61K 31/4465 7A61K 31/47
7A61K 31/495 7A61K 31/496 7A61K 31/505 7C07D 211/58 7C07D 213/74
[25] EN
[54] **NON-IMIDAZOLE ARYLOXYALKYLAMINES AS H3 RECEPTOR LIGANDS**
[54] **ARYLOXYALKYLAMINES EXEMPTES DE FRACTION IMIDAZOLE**
[72] RUDOLPH, DALE A., US
[72] XIAO, WEI, US
[72] SHAH, CHANDRAVADAN R., US
[72] DVORAK, CURT A., US
[72] APODACA, RICHARD, US
[72] CARRUTHERS, NICHOLAS I., US
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US
[85] 2003-02-07
[86] 2001-08-06 (PCT/US2001/024655)
[87] 2002-02-14 (WO2002/012214)
[30] US (60/223,768) 2000-08-08
[30] US (09/922,631) 2001-08-06

[21] **2,418,370**
[13] A1
[51] **Int.Cl. 7C12P 33/06 7C12N 9/02**
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[25] FR
[54] **LEVURES MODIFIEES ET UTILISATIONS, NOTAMMENT POUR LA PRODUCTION DE DERIVES STEROIDIENS**
[54] **MODIFIED YEASTS AND USES THEREOF, IN PARTICULAR FOR PRODUCING STEROID DERIVATIVES**
[72] DEGRYSE, ERIC, FR
[72] DUMAS, BRUNO, FR
[72] ACHSTETTER, TILMAN, DE
[72] CAUET, GILLES, FR
[71] AVENTIS PHARMA S.A., FR
[85] 2003-02-05
[86] 2001-07-24 (PCT/FR2001/002417)
[87] 2002-02-14 (WO2002/012536)
[30] FR (00/10437) 2000-08-08

[21] **2,418,374**
[13] A1
[51] **Int.Cl. 7A61F 13/00**
[25] EN
[54] **BIOCOMPATIBLE ORAL BANDAGE, APPLICATION AND METHOD OF MANUFACTURE**
[54] **PANSEMENT ORAL BIOCOMPATIBLE, APPLICATION ET PROCEDE DE FABRICATION**
[72] ASHMAN, ARTHUR, US
[71] ASHMAN, ARTHUR, US
[85] 2003-02-11
[86] 2001-08-16 (PCT/US2001/025671)
[87] 2002-02-21 (WO2002/013739)
[30] US (09/641,077) 2000-08-17

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[21] **2,418,379**
[13] A1

[51] **Int.Cl. 7C23F 13/00**
[25] EN
[54] **METHOD AND SYSTEM OF PREVENTING FOULING AND CORROSION OF BIOMEDICAL DEVICES AND STRUCTURES**
[54] **PROCEDE ET SYSTEME PERMETTANT DE PREVENIR L'ENCRASSEMENT ET LA CORROSION DE DISPOSITIFS BIOMEDICAUX ET DE STRUCTURES**
[72] IGNARRO, LOUIS, US
[72] DOWLING, DAVID B., US
[72] SPIVACK, ARTHUR J., US
[72] BONAVENTURA, JOSEPH, US
[71] APPLIED SEMICONDUCTOR INC., US
[85] 2003-01-17
[86] 2001-07-18 (PCT/US2001/021102)
[87] 2002-01-24 (WO2002/006563)
[30] US (09/618,275) 2000-07-18

[21] **2,418,390**
[13] A1

[51] **Int.Cl. 7C02F 1/20 7B01D 53/86**
[25] EN
[54] **METHOD AND APPARATUS FOR TREATING AMMONIA-CONTAINING EFFLUENT WATER**
[54] **PROCEDE ET DISPOSITIF POUR LE TRAITEMENT D'EFFLUENTS CONTENANT DE L'AMMONIAC**
[72] IMADA, NAOMI, JP
[72] KIKKAWA, HIROFUMI, JP
[72] KATO, YASUYOSHI, JP
[72] NAKAMOTO, TAKANORI, JP
[72] TAKAMOTO, SHIGEHITO, JP
[71] BABCOCK-HITACHI KABUSHIKI KAISHA, JP
[85] 2003-02-05
[86] 2001-01-12 (PCT/JP2001/000134)
[87] 2003-02-05 (WO2002/012126)
[30] JP (2000/240844) 2000-08-09
[30] JP (2000/263072) 2000-08-31

[21] **2,418,646**
[13] A1

[51] **Int.Cl. 7B64C 1/00 7B29D 31/00 7E04C 3/28**
[25] EN
[54] **COMPOSITE MATERIAL SUPPORT STRUCTURES WITH SINUSOIDAL WEBS AND METHOD OF FABRICATING SAME**
[54] **STRUCTURES DE SUPPORT EN MATERIAU COMPOSITE AVEC TOILES SINUSOIDALES ET LEUR PROCEDE DE FABRICATION**
[72] MCKAGUE, ELBERT LEE JR., US
[72] SCHMIDT, RONALD PATRICK, US
[72] UHL, DAVID THOMAS, US
[71] LOCKHEED MARTIN CORPORATION, US
[85] 2003-02-12
[86] 2001-08-23 (PCT/US2001/041852)
[87] 2002-02-28 (WO2002/016197)
[30] US (09/648,488) 2000-08-25

[21] **2,418,383**
[13] A1

[51] **Int.Cl. 7A61K 51/08 7A61K 33/00 7A61P 35/00 7A61K 38/40**
[25] EN
[54] **RADIOLABELLED METAL TRANSPORT PROTEINS AS IMAGING AGENTS**
[54] **PROTEINES DE TRANSPORT DE METAL RADIOMARQUEES UTILISEES EN TANT QU'AGENTS D'IMAGERIE**
[72] WALTON, PAUL, GB
[71] THE UNIVERSITY OF YORK, GB
[85] 2003-02-05
[86] 2001-08-07 (PCT/GB2001/003531)
[87] 2002-02-14 (WO2002/011772)
[30] GB (0019412.6) 2000-08-08

[21] **2,418,445**
[13] A1

[51] **Int.Cl. 7C07K 14/00**
[25] EN
[54] **STRESS PROTEINS AND PEPTIDES AND METHODS OF USE THEREOF**
[54] **PROTEINES ET PEPTIDES DU STRESS ET METHODES D'UTILISATION**
[72] ALBANI, SALVATORE, US
[72] PRAKKEN, BERENT J., NL
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, SAN DIEGO, US
[85] 2003-02-05
[86] 2001-08-08 (PCT/US2001/041656)
[87] 2002-02-14 (WO2002/012286)
[30] US (60/224,104) 2000-08-09
[30] US (09/828,574) 2001-04-06

[21] **2,418,716**
[13] A1

[51] **Int.Cl. 7C07K 14/00**
[25] EN
[54] **INTEGRIN BINDING MOTIF CONTAINING PEPTIDES AND METHODS OF TREATING SKELETAL DISEASES**
[54] **MOTIF DE FIXATION A INTEGRINE CONTENANT DES PEPTIDES ET PROCEDES SERVANT A TRAITER DES MALADIES DU SQUELETTE**
[72] KUMAGAI, YOSHINARI, US
[72] BLACHER, RUSSELL WAYNE, US
[72] YONEDA, TOSHIYUKI, US
[71] ACOLOGIX, INC., US
[85] 2003-02-04
[86] 2001-08-14 (PCT/US2001/025542)
[87] 2002-02-21 (WO2002/014360)
[30] US (09/641,034) 2000-08-16
[30] US (09/812,485) 2001-03-19

[21] **2,418,385**
[13] A1

[51] **Int.Cl. 7B01D 39/16 7B01D 39/20**
[25] EN
[54] **UNITARY MULTI-COMPONENT FILTER MEDIA**
[54] **MILIEU FILTRANT MULTICOMPOSANT UNITAIRE**
[72] POSA, JAMES M., US
[72] MCCARTHY, MICHAEL P., US
[71] LYDALL, INC., US
[85] 2003-01-17
[86] 2001-07-27 (PCT/US2001/023627)
[87] 2002-02-07 (WO2002/009845)
[30] US (60/221,206) 2000-07-27

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<p style="text-align: right;">[21] 2,418,724 [13] A1</p> <p>[51] Int.Cl. 7C12Q 1/68 [25] EN [54] TARGET ACTIVATED NUCLEIC ACID BIOSENSOR AND METHODS OF USING SAME [54] BIOCAPTEUR D'ACIDE NUCLEIQUE ACTIVE PAR UNE CIBLE ET SES PROCEDES D'UTILISATION [72] HAMAGUCHI, NOBUKO, US [72] STANTON, MARTY, US [72] EPSTEIN, DAVID, US [71] ARCHEMIX CORPORATION, US [85] 2003-02-04 [86] 2001-09-13 (PCT/US2001/028835) [87] 2002-03-21 (WO2002/022882) [30] US (60/232,454) 2000-09-13</p>	<p style="text-align: right;">[21] 2,418,781 [13] A1</p> <p>[51] Int.Cl. 7B06B 1/16 7B07B 1/42 7A01F 12/44 [25] EN [54] EXCITER APPARATUS [54] DISPOSITIF D'EXCITATION [72] PLANT, BEN, AU [72] RUBIE, PETER, AU [72] DALZIEL, PAUL, AU [72] RUSSELL, JOHN, AU [71] LUDOWICI MINERAL PROCESSING EQUIPMENT PTY LTD, AU [85] 2003-02-07 [86] 2001-08-06 (PCT/AU2001/000956) [87] 2002-02-14 (WO2002/011905) [30] AU (PQ 9312) 2000-08-09</p>	<p style="text-align: right;">[21] 2,418,798 [13] A1</p> <p>[51] Int.Cl. 7C12N 15/52 7C12P 21/02 7C12P 13/04 7C12N 9/10 7C12N 15/54 7C12N 15/62 [25] EN [54] METHOD OF MODIFYING PEPTIDE SYNTHETASES SUCH THAT THEY CAN N-METHYLATE THEIR SUBSTRATE AMINO ACIDS [54] PROCEDE DE MODIFICATION DE SYNTHETASES DE PEPTIDES DE MANIERE QU'ELLES PUISSENT N-METHYLER LEURS ACIDES AMINES DE SUBSTRAT [72] KELLER, ULLRICH, DE [72] SCHAUWECKER, FLORIAN, DE [71] ACTINODRUG PHARMACEUTICALS GMBH, DE [85] 2002-11-05 [86] 2000-06-15 (PCT/DE2000/001950) [87] 2002-11-05 (WO2000/077220) [30] DE (199 28 313.3) 1999-06-16</p>
<p style="text-align: right;">[21] 2,418,725 [13] A1</p> <p>[51] Int.Cl. 7C12N 15/00 [25] EN [54] CLAUDIN POLYPEPTIDES [54] POLYPEPTIDES DE CLAUDINES [72] DUBOSE, ROBERT F., US [72] WILEY, STEVEN R., US [72] YOUAKIM, ADEL, US [71] IMMUNEX CORPORATION, US [85] 2003-02-06 [86] 2001-08-15 (PCT/US2001/025662) [87] 2002-02-21 (WO2002/014499) [30] US (60/225,794) 2000-08-15 [30] US (60/225,513) 2000-08-15</p>	<p style="text-align: right;">[21] 2,418,784 [13] A1</p> <p>[51] Int.Cl. 7A61K 35/78 7A61P 35/00 7A61K 31/22 7A61K 31/455 [25] EN [54] TREATMENT OF PROSTATE CANCER [54] TRAITEMENT DU CANCER DE LA PROSTATE [72] PARSONS, PETER GORDON, AU [72] AYLWARD, JAMES HARRISON, AU [71] PEPLIN RESEARCH PTY LTD., AU [85] 2003-02-07 [86] 2001-08-07 (PCT/AU2001/000966) [87] 2002-02-14 (WO2002/011743) [30] AU (PQ 9231) 2000-08-07</p>	<p style="text-align: right;">[21] 2,418,800 [13] A1</p> <p>[51] Int.Cl. 7G06T 7/40 [25] EN [54] IMAGE CONVERSION AND ENCODING TECHNIQUES [54] PROCEDES DE CONVERSION ET CODAGE D'IMAGES [72] HARMAN, PHILIP VICTOR, AU [72] FOX, SIMON RICHARD, AU [72] DOWLEY, MARK ROBERT, AU [72] FLACK, JULIEN CHARLES, AU [71] DYNAMIC DIGITAL DEPTH RESEARCH PTY LTD., AU [85] 2003-02-07 [86] 2001-08-09 (PCT/AU2001/000975) [87] 2002-02-14 (WO2002/013141) [30] AU (PQ 9292) 2000-08-09 [30] AU (PR 0455) 2000-09-29</p>
<p style="text-align: right;">[21] 2,418,777 [13] A1</p> <p>[51] Int.Cl. 7C12N 15/11 7C12N 5/00 7C12Q 1/02 7C12N 1/15 7C12N 1/19 7C12N 1/21 7C12Q 1/68 [25] EN [54] GLYCERYLALDEHYDE-3-PHOSPHATE DEHYDROGENASE PROMOTER INDUCING CELL DEATH [54] PROMOTEUR DE DESHYDROGENASE DE GLYCERYLALDEHYDE-3-PHOSPHATE, INDUISANT LA MORT CELLULAIRE [72] ISHITANI, RYOICHI, JP [71] ONO PHARMACEUTICAL CO., LTD., JP [85] 2003-02-10 [86] 2001-08-09 (PCT/JP2001/006858) [87] 2003-02-10 (WO2002/014509) [30] JP (2000-242014) 2000-08-10</p>	<p style="text-align: right;">[21] 2,418,795 [13] A1</p> <p>[51] Int.Cl. 7F16L 27/08 7A62C 27/00 7A62C 39/00 7A62C 31/28 [25] EN [54] IMPROVEMENTS IN FLUID DELIVERY SYSTEMS [54] PERFECTIONNEMENTS DE SYSTEMES DE DISTRIBUTION DE LIQUIDE [72] HAVILAND, GEOFFREY, AU [71] ANAID NOMINEES PTY LTD., AU [85] 2003-02-07 [86] 2001-08-08 (PCT/AU2001/000968) [87] 2002-02-14 (WO2002/012771) [30] AU (PQ 9266) 2000-08-08</p>	

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<p style="text-align: right;">[21] 2,418,823 [13] A1</p> <p>[51] Int.Cl. 7C01B 3/08 [25] EN [54] HYDROGEN GENERATION FROM WATER SPLIT REACTION [54] PRODUCTION D'HYDROGENE PAR REACTION DE DECOMPOSITION DE L'EAU [72] CHAKLADER, ASOKE CHANDRA DAS, CA [71] THE UNIVERSITY OF BRITISH COLUMBIA, CA [85] 2003-02-07 [86] 2001-08-01 (PCT/CA2001/001115) [87] 2002-02-21 (WO2002/014213) [30] US (09/637,930) 2000-08-14 [30] US (09/778,091) 2001-02-07</p>	<p style="text-align: right;">[21] 2,418,834 [13] A1</p> <p>[51] Int.Cl. 7C07K 14/47 7C12N 15/12 7C07K 16/18 7G01N 33/50 7C12Q 1/68 [25] EN [54] IAPL-3 A PROTEIN INHIBITOR OF APOPTOSIS PROTEINS [54] IAPL-3 NOUVEL INHIBITEUR PROTEIQUE DE PROTEINES APOPTOTIQUES [72] HENTSCH, BERND, DE [71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE [85] 2003-02-07 [86] 2001-08-02 (PCT/EP2001/008934) [87] 2002-02-14 (WO2002/012274) [30] EP (00117145.3) 2000-08-10</p>	<p style="text-align: right;">[21] 2,418,842 [13] A1</p> <p>[51] Int.Cl. 7F02C 1/04 7F28D 17/02 7F02C 7/08 7F02C 3/28 [25] EN [54] METHOD FOR CONVERTING THERMAL ENERGY INTO MECHANICAL WORK [54] PROCEDE POUR CONVERTIR DE L'ENERGIE THERMIQUE EN TRAVAIL MECANIQUE [72] EMMEL, ANDREAS, DE [72] STEVANOVIC, DRAGAN, DE [71] APPLIKATIONS-UND TECHNIKZENTRUM FUR ENERGIEVERFAHRENS-UMWELT-UND STROMUNGSTECHNIK (ATZ-EVUS), DE [85] 2003-02-07 [86] 2001-08-07 (PCT/DE2001/002939) [87] 2002-02-21 (WO2002/014663) [30] DE (100 39 246.6) 2000-08-11</p>
<p style="text-align: right;">[21] 2,418,829 [13] A1</p> <p>[51] Int.Cl. 7C07D 305/14 7C07D 305/00 7C07D 317/00 7C07D 493/04 7A61K 31/335 [25] EN [54] PROCESS FOR THE PREPARATION OF BACCATIN III DERIVATIVES [54] PROCEDE DE PREPARATION DE DERIVES DE LA BACCATINE III [72] BOMBARDELLI, EZIO, IT [72] PONTIROLI, ALESSANDRO, IT [71] INDENA S.P.A., IT [85] 2003-02-07 [86] 2001-07-27 (PCT/EP2001/008730) [87] 2002-02-14 (WO2002/012215) [30] IT (MI2000A001869) 2000-08-10</p>	<p style="text-align: right;">[21] 2,418,838 [13] A1</p> <p>[51] Int.Cl. 7C08G 69/00 7C08G 69/02 7C08G 69/04 [25] FR [54] COPOLYAMIDES ET COMPOSITIONS A BASE DE CES COPOLYAMIDES [54] COPOLYAMIDES AND COMPOSITIONS BASED ON SAME [72] ZHANG, HAICHUN, IT [72] SPERONI, FRANCO, IT [72] DI SILVESTRO, GIUSEPPE, IT [72] YUAN, CUIMING, IT [71] RHODIA ENGINEERING PLASTICS S.R.L., IT [85] 2003-02-07 [86] 2001-08-07 (PCT/EP2001/009110) [87] 2002-02-14 (WO2002/012371) [30] FR (00/10485) 2000-08-09</p>	<p style="text-align: right;">[21] 2,418,845 [13] A1</p> <p>[51] Int.Cl. 7C08G 69/36 7C08G 83/00 7C08G 73/14 [25] FR [54] COPOLYAMIDES ET COMPOSITIONS A BASE DE CES COPOLYAMIDES [54] COPOLYAMIDES AND COMPOSITIONS BASED ON SAME [72] ZHANG, HAICHUN, IT [72] YUAN, CUIMING, IT [72] SPERONI, FRANCO, IT [71] RHODIA ENGINEERING PLASTICS S.R.L., IT [71] DI SILVESTRO, IT [85] 2003-02-07 [86] 2001-08-07 (PCT/EP2001/009111) [87] 2002-02-14 (WO2002/012373) [30] FR (00/10483) 2000-08-09</p>
<p style="text-align: right;">[21] 2,418,832 [13] A1</p> <p>[51] Int.Cl. 7C07D 215/36 7A61P 29/00 7A61K 31/47 [25] EN [54] QUINOLENE DERIVATIVES AS ANTI-INFLAMMATION AGENTS [54] DERIVES QUINOLINE UTILES EN TANT QU'AGENTS ANTI-INFLAMMATOIRES [72] BROKA, CHRIS ALLEN, US [72] MCLAREN, KEVIN LEE, US [72] KIM, WOONGKI, US [72] SMITH, DAVID BERNARD, US [71] F. HOFFMANN-LA ROCHE AG, CH [85] 2003-02-07 [86] 2001-08-01 (PCT/EP2001/008880) [87] 2002-02-14 (WO2002/012192) [30] US (60/224,196) 2000-08-09</p>	<p style="text-align: right;">[21] 2,418,841 [13] A1</p> <p>[51] Int.Cl. 7D06N 3/00 7D06N 3/14 [25] EN [54] COATED, FLEXIBLE FABRIC [54] STRUCTURE PLATE FLEXIBLE ENDUITE [72] URBAN, JURGEN, DE [72] JESTEL, FRANK, DE [72] STUBBEN, BRUNO, DE [72] SCHUTZE, DETLEV-INGO, DE [72] BALZ, WERNER, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2003-02-07 [86] 2001-07-30 (PCT/EP2001/008790) [87] 2003-02-07 (WO2002/014596) [30] DE (100 39 249.0) 2000-08-11</p>	<p style="text-align: right;">[21] 2,418,849 [13] A1</p> <p>[51] Int.Cl. 7C12Q 1/00 [25] EN [54] SHORT CHAIN DEHYDROGENASES/REDUCTASES (SDR) [54] DESHYDROGENASES/REDUCTASES A CHAINE COURTE [72] WILCKENS, THOMAS, DE [71] BIONETWORKS GMBH, DE [85] 2003-02-07 [86] 2001-08-07 (PCT/EP2001/009140) [87] 2002-02-14 (WO2002/012544) [30] US (60/223,436) 2000-08-07</p>

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[21] **2,418,854**
[13] A1

[51] **Int.Cl. 7A61K 39/39**
[25] EN
[54] **A VACCINE WHICH COMPRISES AT LEAST ONE ANTIGEN AND A CATHELIDIN DERIVED ANTIMICROBIAL PEPTIDE OR A DERIVATIVE THEREOF**
[54] **VACCIN COMPRENANT AU MOINS UN ANTIGENE ET UN PEPTIDE ANTIMICROBIEN A BASE DE CATHELICIDINE OU UN DERIVE DE CE PEPTIDE**
[72] EGYED, ALENA, AT
[72] BUSCHLE, MICHAEL, AT
[72] MATTNER, FRANK, AT
[72] ZAUNER, WOLFGANG, AT
[72] FRITZ, JORG, AT
[71] CISTEM BIOTECHNOLOGIES GMBH, AT
[85] 2003-02-07
[86] 2001-08-17 (PCT/EP2001/009529)
[87] 2002-02-21 (WO2002/013857)
[30] AT (A 1416/2000) 2000-08-17

[21] **2,418,858**
[13] A1

[51] **Int.Cl. 7G01N 21/87 7B07C 5/342 7G01J 3/44 7G01N 21/65**
[25] EN
[54] **DIAMOND DETECTION USING COHERENT ANTI-STOKES RAMAN SPECTROSCOPY**
[54] **DETECTION DE DIAMANT PAR SPECTROSCOPIE RAMAN ANTI-STOKES COHERENTE**
[72] LUBBE, NICHOLAAS JOHANNES ADOLF, ZA
[72] OVER, GEORGE WILLIAM, ZA
[72] HUMAN, HENDRIK GERHARD COENRAAD, ZA
[72] VIRANNA, NARENDRA BALAGURY, ZA
[71] DE BEERS CONSOLIDATED MINES LIMITED, ZA
[85] 2003-02-07
[86] 2001-08-08 (PCT/IB2001/001415)
[87] 2002-02-21 (WO2002/014837)
[30] ZA (2000/4111) 2000-08-11

[21] **2,418,865**
[13] A1

[51] **Int.Cl. 7H01G 9/042 7H01G 9/052**
[25] EN
[54] **NIOBIUM POWDER, SINTER THEREOF, AND CAPACITOR EMPLOYING THE SAME**
[54] **POUDRE DE NIOBIUM, AGGLOMERE CORRESPONDANT, ET CONDENSATEUR UTILISANT CEUX-CI**
[72] OMORI, KAZUHIRO, JP
[72] NAITO, KAZUMI, JP
[71] SHOWA DENKO K.K., JP
[85] 2003-02-07
[86] 2001-08-09 (PCT/JP2001/006857)
[87] 2002-02-21 (WO2002/015208)
[30] JP (2000-243486) 2000-08-10
[30] JP (2000-384720) 2000-12-19
[30] JP (2001-65852) 2001-03-09
[30] JP (2001-174018) 2001-06-08

[21] **2,418,868**
[13] A1

[51] **Int.Cl. 7C07D 213/74 7A61P 25/00 7A61P 29/02 7C07D 401/04 7C07D 409/04 7C07D 413/04 7C07D 417/04 7C07D 401/06 7C07D 401/12 7A61K 31/4427 7A61K 31/455 7C07D 213/75 7C07D 213/79 7C07D 213/82**
[25] EN
[54] **4-PHENYL-PYRIDINE DERIVATIVES AS NEUROKININ-1 RECEPTOR ANTAGONISTS**
[54] **DERIVES DE 4-PHENYL-PYRIDINE UTILISES COMME ANTAGONISTES DU RECEPTEUR DE NEUROKININE 1**
[72] SCHNIDER, PATRICK, CH
[72] HOFFMANN, TORSTEN, DE
[72] STADLER, HEINZ, CH
[72] GODEL, THIERRY, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2003-02-07
[86] 2001-07-27 (PCT/EP2001/008686)
[87] 2002-02-28 (WO2002/016324)
[30] EP (00117003.4) 2000-08-08

[21] **2,418,871**
[13] A1

[51] **Int.Cl. 7G01N 21/94 7G01N 21/64**
[25] EN
[54] **METHOD AND APPARATUS FOR DETECTING CHEMICAL CONTAMINATION**
[54] **PROCEDE ET APPAREIL DE DETECTION DE CONTAMINATION CHIMIQUE**
[72] HODGKINSON, JANE ELIZABETH, GB
[71] LATTICE INTELLECTUAL PROPERTY LIMITED, GB
[85] 2003-02-07
[86] 2001-08-14 (PCT/GB2001/003620)
[87] 2002-02-28 (WO2002/016917)
[30] GB (0020354.7) 2000-08-18
[30] GB (0102309.2) 2001-01-30

[21] **2,418,872**
[13] A1

[51] **Int.Cl. 7G02B 6/34**
[25] EN
[54] **TUNABLE OPTICAL FILTER**
[54] **FILTRE OPTIQUE A ACCORD VARIABLE**
[72] LOMAS, MARTIN, GB
[71] MARCONI COMMUNICATIONS LIMITED, GB
[85] 2003-02-07
[86] 2001-08-08 (PCT/GB2001/003600)
[87] 2002-02-28 (WO2002/016988)
[30] GB (0020307.5) 2000-08-18

[21] **2,418,878**
[13] A1

[51] **Int.Cl. 7D21H 19/54 7D21F 11/04**
[25] EN
[54] **METHOD FOR MANUFACTURING A COATED FIBRE WEB, IMPROVED PAPER OR BOARD MACHINE AND COATED PAPER OR BOARD**
[54] **PROCEDE DE FABRICATION DE BANDE FIBREUSE ENDUITE, AMELIORATIONS APPORTEES A UNE MACHINE A CARTON OU A PAPIER ET PAPIER OU CARTON COUCHE**
[72] KINNUNEN, JUHA S., FI
[72] LIPPONEN, JUHA, FI
[72] ILMONIEMI, ERKKI, FI
[71] METSO PAPER, INC., FI
[85] 2003-02-07
[86] 2001-08-06 (PCT/FI2001/000696)
[87] 2002-02-14 (WO2002/012620)
[30] FI (20001773) 2000-08-10

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[21] **2,418,908**
[13] A1

[51] **Int.Cl. 7C07D 451/04 7A61P 9/00 7A61K 31/495**
[25] EN
[54] **1,4-DIHYDROPYRIDINES AS BRADYKININ ANTAGONISTS**
[54] **1,4-DIHYDROPYRIDINES UTILISES COMME ANTAGONISTES DE LA BRADYKININE**
[72] SHISHIDO, YUJI, JP
[72] KAWAI, MAKOTO, JP
[72] KAWAMURA, MITSUHIRO, JP
[72] IKEDA, TAKAFUMI, JP
[72] KATO, TOMOKI, JP
[72] KATSU, YASUHIRO, JP
[72] MURASE, NORIAKI, JP
[71] PFIZER INC., US
[85] 2003-02-07
[86] 2001-07-26 (PCT/IB2001/001346)
[87] 2002-02-14 (WO2002/012235)
[30] US (60/224,558) 2000-08-10

[21] **2,418,913**
[13] A1

[51] **Int.Cl. 7C07K 14/54 7C12N 15/00 7A61K 38/20**
[25] EN
[54] **PEPTIDE MIMETICS**
[54] **MIMETISMES DE PEPTIDES**
[72] SERRANO, LUIS, DE
[72] DOMINGUES, HELENA MARIA, DE
[71] EUROPEAN MOLECULAR BIOLOGY LABORATORY, DE
[85] 2003-02-07
[86] 2001-08-09 (PCT/IB2001/001705)
[87] 2002-02-14 (WO2002/012337)
[30] GB (0019638.6) 2000-08-09

[21] **2,418,917**
[13] A1

[51] **Int.Cl. 7G03B 39/00 7H04N 7/18 7H04N 9/47**
[25] EN
[54] **DUAL BAND FRAMING RECONNAISSANCE CAMERA**
[54] **CAMERA DE RECONNAISSANCE A DOUBLE BANDE AVEC COMPENSATION DU ROULIS**
[72] JONES, JOHN, US
[72] BAKER, ALLIE M., US
[72] PARTYNSKI, ANDREW J., US
[72] WYATT, STEPHAN, US
[72] BERAN, STEPHEN R., US
[71] RECON/OPTICAL, INC., US
[85] 2003-02-07
[86] 2001-07-26 (PCT/US2001/023680)
[87] 2002-03-07 (WO2002/019030)
[30] US (09/652,524) 2000-08-31
[30] US (09/654,031) 2000-08-31
[30] US (09/652,965) 2000-08-31
[30] US (09/652,529) 2000-08-31

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[13] A1

[51] **Int.Cl. 7F16L 15/04 7F16L 15/00**
[25] EN
[54] **SCREW THREADED JOINT FOR CONTINUOUS-PROFILE TUBES**
[54] **JOINT A FILET DE VIS POUR TUBES A PROFIL CONTINU**
[72] ROTINI, GIUSEPPE, IT
[72] SIGNORELLI, ANGELO, IT
[72] DELLA PINA, GIUSEPPE, IT
[71] DALMINE S.P.A., IT
[85] 2003-02-07
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[87] 2002-02-14 (WO2002/012769)
[30] IT (MI2000A001864) 2000-08-09

[21] **2,418,926**
[13] A1

[51] **Int.Cl. 7F15B 15/14 7F15B 15/28**
[25] EN
[54] **WORKING CYLINDER**
[54] **CYLINDRE DE TRAVAIL**
[72] WALDMANN, DIETER, DE
[72] MODINGER, UWE, DE
[71] FESTO AG & CO, DE
[85] 2003-02-07
[86] 2002-06-15 (PCT/EP2002/006622)
[87] 2003-02-07 (WO2003/004881)
[30] DE (201 10 965.4) 2001-07-03

[21] **2,418,927**
[13] A1

[51] **Int.Cl. 7G01B 5/00**
[25] EN
[54] **WELD GAUGE**
[54] **CALIBRE DE SOUDURE**
[72] LYCAN, GOODWIN A., US
[71] G.A.L. GAGE, CO., US
[85] 2003-02-07
[86] 2001-09-07 (PCT/US2001/027650)
[87] 2002-03-14 (WO2002/021071)
[30] US (09/657,032) 2000-09-07

[21] **2,418,936**
[13] A1

[51] **Int.Cl. 7C12P 21/04 7C07H 21/00 7A01N 43/04 7C12N 5/06**
[25] EN
[54] **NUCLEIC ACID CONSTRUCTS, VASCULAR CELLS TRANSFORMED THEREWITH, PHARMACEUTICAL COMPOSITIONS AND METHODS UTILIZING SAME FOR INDUCING ANGIOGENESIS**
[54] **PRODUITS DE RECOMBINAISON D'ACIDE NUCLEIQUE, CELLULES VASCULAIRES TRANSFORMEES AU MOYEN DE CES PRODUITS DE RECOMBINAISON, COMPOSITIONS PHARMACEUTIQUES ET PROCEDES LES METTANT EN APPLICATION AFIN D'INDUIRE L'ANGIOGENESE**
[72] GLUZMAN, ZOYA, IL
[72] FLUGELMAN, MOSHE Y., IL
[72] KOREN, BELLY, IL
[72] PREIS, MEIR, IL
[72] COHEN, TZAFRA, IL
[72] TSABA, ADILI, IL
[72] WEISZ, ANAT, IL
[71] M.G.V.S. LTD., IL
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[87] 2002-02-14 (WO2002/012539)
[30] US (60/223,727) 2000-08-08

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[13] A1
[51] **Int.Cl. 7H04Q 7/20 7H04B 17/00**
[25] EN
[54] **SYSTEM AND METHOD FOR FREQUENCY PLANNING IN WIRELESS COMMUNICATION NETWORKS**
[54] **SYSTEME ET PROCEDE DE PLANIFICATION DE FREQUENCES DANS DES RESEAUX DE COMMUNICATION SANS FIL**
[72] DAVIDOR, YUVAL, IL
[72] TANAY, AMOS, IL
[71] SCHEMA LTD., IL
[85] 2003-02-07
[86] 2001-08-09 (PCT/IL2001/000738)
[87] 2002-02-14 (WO2002/013439)
[30] US (09/636,044) 2000-08-10

[21] **2,418,942**
[13] A1
[51] **Int.Cl. 7C10M 159/06 7B21J 3/00 7C10M 125/00 7C10M 125/10**
[25] EN
[54] **AQUEOUS LUBRICANT FOR PLASTIC WORKING OF METALLIC MATERIAL AND METHOD OF LUBRICANT FILM PROCESSING**
[54] **LUBRIFIANT AQUEUX POUR LE TRAVAIL AU PLASTIQUE D'UN MATERIAU METALLIQUE ET PROCEDE D'ELABORATION D'UN FILM LUBRIFIANT**
[72] IMAI, YASUO, JP
[72] NAGATA, SHUJI, JP
[72] YOSHIDA, MASAYUKI, JP
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF AKTIEN, DE
[85] 2003-02-07
[86] 2001-04-26 (PCT/JP2001/003639)
[87] 2003-02-07 (WO2002/012419)
[30] JP (2000-237968) 2000-08-07

[21] **2,418,943**
[13] A1
[51] **Int.Cl. 7F01P 3/14 7F01P 3/02**
[25] EN
[54] **IMPROVED COOLING SYSTEM FOR ROTARY VALVE ENGINE**
[54] **SYSTEME DE REFROIDISSEMENT AMELIORE POUR MOTEUR A SOUPAPES ROTATIVES**
[72] COATES, GEORGE J., US
[71] COATES, GEORGE J., US
[85] 2003-02-07
[86] 2001-08-29 (PCT/US2001/026872)
[87] 2002-03-14 (WO2002/020979)
[30] US (09/657,788) 2000-09-08

[21] **2,418,950**
[13] A1
[51] **Int.Cl. 7C07K 14/705**
[25] EN
[54] **SOLUBLE ZCYTOR 11 CYTOKINE RECEPTORS**
[54] **RECEPTEURS DE CYTOKINES ZCYTOR 11 SOLUBLES**
[72] TOPOUZIS, STAVROS, US
[72] KINDSVOGEL, WAYNE R., US
[71] ZYMOGENETICS, INC., US
[85] 2003-02-06
[86] 2001-08-08 (PCT/US2001/024838)
[87] 2002-02-14 (WO2002/012345)
[30] US (60/223,827) 2000-08-08
[30] US (60/250,876) 2000-12-01

[21] **2,418,951**
[13] A1
[51] **Int.Cl. 7A61K 31/00**
[25] EN
[54] **ANTAGONISTS OF THE MAGNESIUM BINDING DEFECT AS THERAPEUTIC AGENTS AND METHODS FOR TREATMENT OF ABNORMAL PHYSIOLOGICAL STATES**
[54] **ANTAGONISTES DU DEFAUT DE FIXATION DE MAGNESIUM UTILISES EN TANT QU'AGENTS THERAPEUTIQUES ET METHODES DE TRAITEMENT DES ETATS PHYSIOLOGIQUES ANORMAUX**
[72] WELLS, IBERT CLIFTON, US
[71] MAGNESIUM DIAGNOSTICS, INC., US
[85] 2003-02-06
[86] 2001-08-09 (PCT/US2001/024909)
[87] 2002-02-14 (WO2002/011714)
[30] US (09/635,266) 2000-08-09

[21] **2,418,952**
[13] A1
[51] **Int.Cl. 7C12N 9/00**
[25] EN
[54] **A NOVEL MEMBER OF THE LYSYL OXIDASE GENE FAMILY**
[54] **NOUVEAU MEMBRE DE LA FAMILLE DES GENES DE LA LYSYL OXYDASE**
[72] MASTROENI, ROBERT, US
[72] FERRIS, ELISSA, US
[72] BHAT, RAMESH A., US
[72] KARATHANASIS, SOTIRIOS K., US
[72] EVANS, MARK J., US
[72] BEER, ERIC, US
[72] ZHANG, JIANZIONG, US
[72] SCICCHITANO, MARSHALL S., US
[72] BAPAT, ASHOK R., US
[71] WYETH, US
[85] 2003-02-06
[86] 2001-08-08 (PCT/US2001/024942)
[87] 2002-02-14 (WO2002/012470)
[30] US (60/223,763) 2000-08-08
[30] US (60/255,838) 2000-12-15

[21] **2,418,961**
[13] A1
[51] **Int.Cl. 7C12N 15/13 7A61P 37/00 7C12N 5/10 7C07K 16/24 7A61K 39/395 7C07K 16/42 7G01N 33/50 7G01N 33/577 7C12N 15/79**
[25] EN
[54] **ANTI-IL-12 ANTIBODIES, COMPOSITIONS, METHODS AND USES**
[54] **ANTICORPS, COMPOSITIONS, PROCEDES ANTI-IL-12 ET LEUR UTILISATION**
[72] GILES-KOMAR, JILL, US
[72] KNIGHT, DAVID M., US
[72] PERITT, DAVID, US
[72] SHEALY, DAVID, US
[72] SCALLON, BERNARD, US
[71] CENTOCOR, INC., US
[85] 2003-02-06
[86] 2001-08-07 (PCT/US2001/024720)
[87] 2002-02-14 (WO2002/012500)
[30] US (60/223,358) 2000-08-07
[30] US (60/236,827) 2000-09-29
[30] US (09/920,262) 2001-08-01

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[13] A1
[51] **Int.Cl. 7C12N 15/13 7A61P 37/00**
7C12N 5/10 7C07K 16/28 7A61K 39/395
7C07K 16/42 7G01N 33/50 7G01N 33/577
7C12N 15/79
[25] EN
[54] **ANTI-DUAL INTEGRIN**
ANTIBODIES, COMPOSITIONS,
METHODS AND USES
[54] **ANTICORPS ANTI-INTEGRINES**
DOUBLES, COMPOSITIONS,
PROCEDES ET UTILISATIONS
ASSOCIES
[72] GILES-KOMAR, JILL, US
[72] TRIKHA, MOHIT, US
[72] HEAVNER, GEORGE, US
[72] SNYDER, LINDA, US
[71] CENTOCOR, INC., US
[85] 2003-02-06
[86] 2001-08-07 (PCT/US2001/024784)
[87] 2002-02-14 (WO2002/012501)
[30] US (60/223,363) 2000-08-07
[30] US (09/920,267) 2001-08-01

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[13] A1
[51] **Int.Cl. 7C10M 159/06 7B21J 3/00**
7C10M 125/00
[25] EN
[54] **AQUEOUS LUBRICANT FOR**
PLASTIC WORKING OF METALLIC
MATERIAL AND METHOD FOR
FORMING LUBRICANT FILM
[54] **LUBRIFIANT AQUEUX POUR LE**
TRAVAIL AU PLASTIQUE D'UN
MATERIAU METALLIQUE ET
PROCEDE D'ELABORATION D'UN
FILM LUBRIFIANT
[72] YOSHIDA, MASAYUKI, JP
[72] NAGATA, SHUJI, JP
[72] IMAI, YASUO, JP
[71] HENKEL
KOMMANDITGESELLSCHAFT AUF
AKTIEN, DE
[85] 2003-02-07
[86] 2001-04-26 (PCT/JP2001/003640)
[87] 2003-02-07 (WO2002/012420)
[30] JP (2000-237955) 2000-08-07

[21] **2,418,967**
[13] A1
[51] **Int.Cl. 7A23G 9/30 7A23G 3/00**
7A23G 3/26 7A23G 3/30
[25] FR
[54] **PROCEDE DE DRAGEIFICATION**
DURE AMELIORE
[54] **IMPROVED HARD SUGAR**
COATING METHOD
[72] ORTIZ DE ZARATTE, DOMINIQUE,
FR
[72] RIBADEAU-DUMAS, GUILLAUME,
FR
[71] ROQUETTE FRERES, FR
[85] 2003-02-07
[86] 2002-06-21 (PCT/FR2002/002164)
[87] 2003-01-03 (WO2003/000068)
[30] FR (01/08362) 2001-06-25

[21] **2,418,975**
[13] A1
[51] **Int.Cl. 7C07D 493/22 7A61P 33/10**
7A61K 31/35
[25] EN
[54] **AVERMECTIN DERIVATIVES**
[54] **DERIVES D' AVERMECTINE**
[72] NAGAI, KENICHIRO, JP
[72] SUNAZUKA, TOSHIKI, JP
[72] OMURA, SATOSHI, JP
[71] THE KITASATO INSTITUTE, JP
[85] 2003-02-07
[86] 2001-08-08 (PCT/JP2001/006803)
[87] 2003-02-07 (WO2002/012248)
[30] JP (2000-240988) 2000-08-09

[21] **2,418,976**
[13] A1
[51] **Int.Cl. 7A61K 38/30 7A61P 17/02**
7A61K 38/07 7A61K 38/08
[25] EN
[54] **SKIN WOUND HEALING**
PROMOTERS
[54] **PROMOTEURS DE**
CICATRISATION DES LESIONS
CUTANEEES
[72] NISHIDA, TERUO, JP
[72] NAKAMURA, MASATSUGU, JP
[72] NAKATA, KATSUHIKO, JP
[71] NISHIDA, TERUO, JP
[71] SANTEN PHARMACEUTICAL CO.,
LTD., JP
[85] 2003-02-07
[86] 2001-08-10 (PCT/JP2001/006933)
[87] 2003-02-07 (WO2002/013853)
[30] JP (2000-242489) 2000-08-10
[30] JP (2000-361388) 2000-11-28

[21] **2,418,977**
[13] A1
[51] **Int.Cl. 7C12N 15/86 7A61K 48/00**
7A61P 19/00 7C12N 5/10
[25] EN
[54] **TRANSDUCTION OF**
CHONDROCYTES USING
ADENOVIRAL VECTORS
[54] **VECTEURS D' APPORT DE GENE A**
SPECIFICITE DE TYPE CELLULAIRE
POUR CHONDROCYTES HUMAINS
PRIMAIRES
[72] VOGELS, RONALD, NL
[72] BOUT, ABRAHAM, NL
[72] HAVENGA, MENZO JANS EMCO, NL
[71] CRUCCELL HOLLAND B.V., NL
[85] 2003-02-07
[86] 2001-08-09 (PCT/NL2001/000595)
[87] 2002-02-14 (WO2002/012523)
[30] EP (00202835.5) 2000-08-10
[30] US (60/224,911) 2000-08-11

[21] **2,418,980**
[13] A1
[51] **Int.Cl. 7G01N 27/02 7G01N 27/416**
[25] EN
[54] **METHOD AND SYSTEM FOR**
MEASURING ACTIVE ANIMAL GLUE
CONCENTRATION IN INDUSTRIAL
ELECTROLYTES
[54] **PROCEDE ET SYSTEME DE**
MESURE DE LA CONCENTRATION EN
COLLE ANIMALE ACTIVE DANS DES
ELECTROLYTES INDUSTRIELS
[72] GLADYSZ, OLYMPIA, PL
[72] JAGIELLO, JAN, PL
[72] URBANOWICZ, ROMAN, PL
[72] SZWANCYBER, GRZEGORZ, PL
[72] WARMUZ, MARIAN, PL
[72] ROMANOWICZ, PIOTR, PL
[72] GARBACZEWSKI, JAN, PL
[72] PLINSKA, STANISLAWA, PL
[72] PRZYSIEZNY, MIROSLAW, PL
[72] FUGLEWICZ, BOGUSLAW, PL
[72] BAS, WLODZIMIERZ, PL
[72] ORZECKI, STANISLAW, PL
[72] MALACHOWICZ, GRZEGORZ, PL
[72] LOS, PRZEMYSLAW, PL
[72] NOSAL, STANISLAW, PL
[71] KGHM POLSKA MIEDZ S.A., PL
[85] 2003-02-07
[86] 2001-04-02 (PCT/PL2001/000027)
[87] 2002-02-14 (WO2002/012874)
[30] PL (P 341 922) 2000-08-07

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[21] **2,418,981**
[13] A1

[51] **Int.Cl. 7C07C 213/08**
[25] FR
[54] **PROCEDE DE FABRICATION DE SOLUTIONS AQUEUSES DE CHLORURES DE (METH)ACRYLOYLOXYETHYLBENZ YLDIMETHYLAMMONIUM**
[54] **METHOD FOR MAKING AQUEOUS SOLUTIONS OF (METH)ACRYLOYLOXYETHYLBENZ YLDIMETHYLAMMONIUM CHLORIDES**
[72] TRETJAK, SERGE, FR
[72] HERBST, GILLES, FR
[72] RIONDEL, ALAIN, FR
[71] ATOFINA, FR
[85] 2003-02-11
[86] 2001-08-07 (PCT/FR2001/002563)
[87] 2002-02-21 (WO2002/014258)
[30] FR (00/10568) 2000-08-11

[21] **2,418,984**
[13] A1

[51] **Int.Cl. 7C07C 37/74 7C07C 39/00 7A23G 1/00 7A23G 1/04 7A23L 1/30 7A23L 3/3472 7A61K 35/78 7A61K 35/84**
[25] FR
[54] **PROCEDE D'OBTENTION D'EXTRAITS POLYPHENOLIQUES DE FEVES DE CACAO, LES EXTRAITS OBTENUS ET LEURS APPLICATIONS**
[54] **METHOD FOR OBTAINING COCOA BEAN POLYPHENOL EXTRACTS, RESULTING EXTRACTS AND USES THEREOF**
[72] LECOUCPEAU, JEAN-PAUL, FR
[72] VERCAUTEREN, JOSEPH, FR
[71] BARRY CALLEBAUT AG, CH
[85] 2003-02-11
[86] 2001-08-10 (PCT/FR2001/002605)
[87] 2002-02-21 (WO2002/014251)
[30] FR (00/10603) 2000-08-11

[21] **2,418,991**
[13] A1

[51] **Int.Cl. 7G06F 17/60**
[25] EN
[54] **MULTIFUNCTIONAL MOBILE BANKING SYSTEM**
[54] **SYSTEME BANCAIRE MOBILE MULTIFONCTIONS**
[72] LILES, KEVIN G., US
[72] CLARY, JEFFREY S., US
[72] MILLS, MARK A., US
[71] EURONET SERVICES, INC., US
[85] 2003-02-07
[86] 2001-03-05 (PCT/US2001/006922)
[87] 2002-02-14 (WO2002/013120)
[30] US (09/634,984) 2000-08-08

[21] **2,418,993**
[13] A1

[51] **Int.Cl. 7C08F 4/60 7C08F 10/00 7C08F 4/70**
[25] EN
[54] **TRANSITION METAL OLEFIN POLYMERIZATION CATALYST HAVING CYCLOPROPENYL DERIVED LIGANDS**
[54] **CATALYSEUR DE METAL DE TRANSITION A LIGANDS DERIVANT DU CYCLOPROPENYLE POUR LA POLYMERISATION D'OLEFINES**
[72] CROWTHER, DONNA JEAN, US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2003-02-07
[86] 2001-06-28 (PCT/US2001/020811)
[87] 2002-02-14 (WO2002/012351)
[30] US (09/634,195) 2000-08-09

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[13] A1

[51] **Int.Cl. 7C07K 5/078 7A61P 7/02 7A61K 38/55**
[25] EN
[54] **LACTAM COMPOUNDS AND THEIR USE AS INHIBITORS OF SERINE PROTEASES AND METHOD**
[54] **COMPOSES LACTAME, LEUR UTILISATION EN TANT QU'INHIBITEURS DE SERINES PROTEASES, ET PROCEDE ASSOCIE**
[72] SLUSARCHYK, WILLIAM A., US
[72] ZHAO, GUOHUA, US
[72] SUTTON, JAMES C., JR., US
[72] LAWRENCE, R. MICHAEL, US
[72] BISACCHI, GREGORY S., US
[72] SEILER, STEVEN M., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2003-02-07
[86] 2001-07-20 (PCT/US2001/022829)
[87] 2002-02-14 (WO2002/012196)
[30] US (09/633,751) 2000-08-07

[21] **2,419,001**
[13] A1

[51] **Int.Cl. 7B01L 3/00 7G01N 33/48 7G01N 33/86**
[25] EN
[54] **STRIP HOLDER FOR USE IN A TEST STRIP METER**
[54] **PORTE-BANDELETTES A UTILISER DANS UN COMPTEUR DE BANDELETTES TEST**
[72] OLSON, LORIN, US
[72] HOUSE, ALLEN, US
[71] LIFESCAN, INC., US
[85] 2003-02-07
[86] 2001-07-26 (PCT/US2001/023710)
[87] 2002-02-21 (WO2002/013966)
[30] US (09/637,466) 2000-08-11

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[21] **2,419,004**
[13] A1
[51] **Int.Cl. 7B60C 23/00 7B60T 8/32**
[25] EN
[54] **METHOD AND APPARATUS FOR WHEEL CONDITION AND LOAD POSITION SENSING**
[54] **PROCEDE ET DISPOSITIF DE DETECTION DE L'ETAT DES ROUES ET LA POSITION DE LA CHARGE**
[72] LARSON, GERALD L., US
[71] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC., US
[85] 2003-02-07
[86] 2001-08-01 (PCT/US2001/024160)
[87] 2002-02-14 (WO2002/012003)
[30] US (09/634,166) 2000-08-09

[21] **2,419,023**
[13] A1
[51] **Int.Cl. 7B01J 31/00 7C07C 209/00 7C07C 211/00 7C07D 311/00 7C07C 2/02 7C07C 43/02 7C07D 307/02 7C07F 17/02 7C07C 43/20 7C07D 307/87**
[25] EN
[54] **CATALYST FOR AROMATIC C-O, C-N, AND C-C BOND FORMATION**
[54] **CATALYSEUR POUR FORMATION DE LIAISONS AROMATIQUES C-O, C-N, ET C-C**
[72] KATAOKA, NORIYASU, US
[72] HARTWIG, JOHN F., US
[72] SHELBY, QUINETTA, US
[71] YALE UNIVERSITY, US
[85] 2003-02-07
[86] 2001-08-06 (PCT/US2001/024633)
[87] 2002-02-14 (WO2002/011883)
[30] US (60/223,507) 2000-08-07
[30] US (09/922,525) 2001-08-03

[21] **2,419,027**
[13] A1
[51] **Int.Cl. 7C07D 333/20 7A61P 9/00 7A61P 25/00 7C07D 295/096 7C07D 295/112 7C07D 295/135 7C07C 225/16 7C07C 323/32 7C07C 335/32 7C07D 207/325 7C07D 207/335 7A61K 31/341 7C07D 277/36 7A61K 31/381 7A61K 31/40 7A61K 31/4164 7C07D 233/42 7A61K 31/4453 7C07D 307/52 7C07D 233/58 7C07D 233/60 7C07D 233/84 7C07D 233/88**
[25] EN
[54] **BICYCLIC COMPOUNDS AS H3 RECEPTOR LIGANDS**
[54] **COMPOSES BICYCLIQUES**
[72] BOGENSTAETTER, MICHAEL, US
[72] CHAI, WENYING, US
[72] KWOK, ANNETTE K., US
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US
[85] 2003-02-07
[86] 2001-08-06 (PCT/US2001/024654)
[87] 2002-02-14 (WO2002/012224)
[30] US (60/223,768) 2000-08-08
[30] US (09/922,622) 2001-08-06

[21] **2,419,029**
[13] A1
[51] **Int.Cl. 7A01N 63/00 7C07K 19/00 7C12N 5/10 7C12N 15/32 7C07K 14/325 7C12N 15/62 7C12N 15/82**
[25] EN
[54] **BACILLUS THURINGIENSIS CRYSTAL PROTEIN HYBRIDS**
[54] **NOUVELLES TOXINES INSECTICIDES DERIVEES DE PROTEINES CRISTALLINES INSECTICIDES DE \$(BACILLUS THURINGIENSIS)**
[72] DE HAAN, PETRUS THEODORUS, NL
[72] WARREN, GREGORY WAYNE, US
[72] MILES, PAUL J., US
[72] CAROZZI, NADINE BARBARA, US
[72] RABE, SCOTT M., US
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2003-02-11
[86] 2001-08-23 (PCT/EP2001/009751)
[87] 2002-02-28 (WO2002/015701)
[30] US (60/227,956) 2000-08-25

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[13] A1
[51] **Int.Cl. 7C07D 239/42 7C07D 405/04 7C07D 409/04 7C07D 495/04 7C07D 239/12 7C07D 401/12 7A61P 25/28 7A61K 31/506 7C07D 239/52**
[25] EN
[54] **4-PYRIMIDINAMINE DERIVATIVES, PHARMACEUTICAL COMPOSITIONS AND RELATED METHODS**
[54] **DERIVES 4-PYRIMIDINAMINES, COMPOSITIONS PHARMACEUTIQUES ET PROCEDES ASSOCIES**
[72] ZHONG, ZHONG, CN
[72] SCOTT, MALCOLM, US
[72] REITZ, ALLEN B., US
[72] MCMILLAN, MICHAEL, US
[72] ZIVIN, ROBERT ALLAN, US
[72] ROSS, TINA MORGAN, US
[72] BROWN, FRANK K., US
[72] GRANT, ELFRIDA R., US
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US
[85] 2003-02-07
[86] 2001-08-06 (PCT/US2001/024659)
[87] 2002-02-14 (WO2002/012198)
[30] US (60/223,791) 2000-08-08

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[13] A1
[51] **Int.Cl. 7C07D 211/46 7A61P 9/00 7A61P 25/00 7C07D 401/12 7C07D 295/20 7C07D 211/44 7A61K 31/4402 7A61K 31/4465 7A61K 31/496 7A61K 31/5355**
[25] EN
[54] **NON-IMIDAZOLE ARYLOXYPIPERIDINES AS H3 RECEPTOR LIGANDS**
[54] **ARYLOXYPIPERIDINES NON-IMIDAZOLE**
[72] SHAH, CHANDRAVADAN R., US
[72] CARRUTHERS, NICHOLAS I., US
[72] XIAO, WEI, US
[72] APODACA, RICHARD, US
[72] DVORAK, CURT A., US
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US
[85] 2003-02-07
[86] 2001-08-06 (PCT/US2001/024660)
[87] 2002-02-14 (WO2002/012190)
[30] US (60/223,768) 2000-08-08
[30] US (09/922,619) 2001-08-06

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[21] **2,419,039**
[13] A1

[51] **Int.Cl. 7B60T 17/02**
[25] EN
[54] **ELECTRONIC AIR CHARGE CONTROLLER FOR VEHICULAR COMPRESSED AIR SYSTEM**
[54] **DISPOSITIF DE COMMANDE D'AIR D'ADMISSION ELECTRONIQUE POUR SYSTEME D'AIR COMPRI ME DE VEHICULE**
[72] KNIGHT, DAVID J., US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS, LLC, US
[85] 2003-02-07
[86] 2001-08-07 (PCT/US2001/024670)
[87] 2002-02-14 (WO2002/012042)
[30] US (09/635,184) 2000-08-08

[21] **2,419,049**
[13] A1

[51] **Int.Cl. 7B29C 33/40 7B32B 18/00 7H05B 6/00 7B32B 5/16 7B32B 3/20**
[25] EN
[54] **COMPOSITE MATERIAL WITH MICROSPHERE PARTICLES**
[54] **MATERIAU COMPOSITE AVEC PARTICULES EN FORME DE MICROSPHERES**
[72] KIMBERLY, LAWRENCE W., US
[71] MOLDITE, INC, US
[85] 2003-02-07
[86] 2001-08-03 (PCT/US2001/024305)
[87] 2002-02-14 (WO2002/011965)
[30] US (09/634,522) 2000-08-08

[21] **2,419,050**
[13] A1

[51] **Int.Cl. 7B01J 27/19 7B01J 31/02 7C10G 45/08 7B01J 29/16**
[25] EN
[54] **CATALYST FOR HYDROGENATION TREATMENT OF GAS OIL AND METHOD FOR PREPARATION THEREOF, AND PROCESS FOR HYDROGENATION TREATMENT OF GAS OIL**
[54] **CATALYSEUR POUR HYDROGENATION DE GAS-OIL, PROCEDE DE PREPARATION DUDIT CATALYSEUR ET PROCEDE D'HYDROGENATION DE GAS-OIL**
[72] FUJIKAWA, TAKASHI, JP
[72] MIZUGUCHI, HIROFUMI, JP
[72] OSAKI, TAKAYUKI, JP
[72] KIMURA, HIROSHI, JP
[72] KATO, MASAHIRO, JP
[72] TAGAMI, HIROYASU, JP
[72] HASHIMOTO, MINORU, JP
[71] COSMO OIL CO., LTD., JP
[85] 2003-02-07
[86] 2002-06-19 (PCT/JP2002/006116)
[87] 2003-02-07 (WO2003/000410)
[30] JP (2001-186505) 2001-06-20
[30] JP (2002-31408) 2002-02-07
[30] JP (2002-113109) 2002-04-16

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[13] A1

[51] **Int.Cl. 7G01D 1/18 7A61B 5/00 7G01N 21/17**
[25] EN
[54] **SYSTEM AND METHOD FOR A SELF-CALIBRATING NON-INVASIVE SENSOR**
[54] **SYSTEME ET PROCEDE D'AUTO-ETALONNAGE DE DETECTUR NON INVASIF**
[72] DIETIKER, THOMAS, US
[71] ELEKON INDUSTRIES, INC, US
[85] 2003-02-10
[86] 2001-08-09 (PCT/US2001/025109)
[87] 2002-02-21 (WO2002/014793)
[30] US (60/225,021) 2000-08-11

[21] **2,419,056**
[13] A1

[51] **Int.Cl. 7G06F 15/16 7G06F 13/00 7G06F 13/14 7G06F 15/173**
[25] EN
[54] **SYNDICATION METHODOLOGY TO DYNAMICALLY PLACE DIGITAL ASSETS ON NON-RELATED WEB SITES**
[54] **METHODOLOGIE DE DISTRIBUTION DESTINEE AU PLACEMENT DYNAMIQUE D'ACTIFS NUMERIQUES SUR DES SITES WEB NON APPARENTES**
[72] WETZEL, JOHN E., US
[72] MARTIN, RICHARD D., US
[71] ACTIVE DATA EXCHANGE, INC., US
[85] 2003-02-07
[86] 2001-08-07 (PCT/US2001/024675)
[87] 2002-02-14 (WO2002/013035)
[30] US (60/223,394) 2000-08-07

[21] **2,419,057**
[13] A1

[51] **Int.Cl. 7B60G 11/12**
[25] EN
[54] **LEAF SPRING EYE WRAP SCARF GAP COVER COMPONENT**
[54] **COMPOSANT DE COUVERCLE POUR INTERVALLE DE GAINÉ D'OEILLET DE RESSORT A LAME**
[72] HEWITT, RAYMOND A., CA
[72] LASH, LYNN, US
[72] DANKOW, MARK WILLIAM, US
[72] FORREST, CHRISTOPHER W., US
[71] THE BOLER COMPANY, US
[85] 2003-02-07
[86] 2001-08-07 (PCT/US2001/024689)
[87] 2002-02-14 (WO2002/012006)
[30] US (09/634,033) 2000-08-08

[21] **2,419,059**
[13] A1

[51] **Int.Cl. 7C08G 18/12 7C09K 3/10 7C08G 18/40 7C08G 18/48**
[25] EN
[54] **POLYURETHANE FOAM COMPOSITION**
[54] **COMPOSITION DE MOUSSE POLYURETHANNE**
[72] BRAUN, ROBERT, US
[72] GARCIA, JESS, US
[72] SCHUTTER, DEBORAH, US
[71] THE DOW CHEMICAL COMPANY, US
[85] 2003-02-07
[86] 2001-08-08 (PCT/US2001/024903)
[87] 2002-02-14 (WO2002/012367)
[30] US (60/223,817) 2000-08-08

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[13] A1
[51] **Int.Cl. 7C07D 491/04 7C07D 209/00 7C07D 331/00 7C07D 335/00 7G01N 33/00 7A61P 43/00 7C07D 495/04 7A61K 31/395**
[25] EN
[54] **INDOLE COMPOUNDS USEFUL FOR THE TREATMENT OF CANCER**
[54] **COMPOSES INDOLIQUES UTILISES DANS LE TRAITEMENT DU CANCER**
[72] COTTAM, HOWARD B., US
[72] LEONI, LORENZO M., US
[72] CARSON, DENNIS A., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2003-02-07
[86] 2001-08-09 (PCT/US2001/024978)
[87] 2002-02-14 (WO2002/012188)
[30] US (09/634,207) 2000-08-09

[21] **2,419,077**
[13] A1
[51] **Int.Cl. 7A61K 9/12**
[25] EN
[54] **A METHOD OF TREATING A SYSTEMIC DISEASE**
[54] **PROCEDE POUR LE TRAITEMENT D'UNE MALADIE SYSTEMIQUE**
[72] CUTIE, ANTHONY J., US
[72] ADJEI, AKWETE L., US
[71] AEROPHARM TECHNOLOGY, INC., US
[85] 2003-02-11
[86] 2001-01-02 (PCT/US2001/000111)
[87] 2002-02-28 (WO2002/015879)
[30] US (09/642,437) 2000-08-21

[21] **2,419,078**
[13] A1
[51] **Int.Cl. 7C07D 401/12 7A61P 7/02 7C07D 403/12 7A61K 31/55**
[25] EN
[54] **NOVEL SUBSTITUTED DIARYL AZEPINE DERIVATIVES AS INTEGRIN LIGANDS**
[54] **NOUVEAUX DERIVES DE DIARENO-AZEPINE SUBSTITUES SERVANT DE LIGANDS D'INTEGRINE**
[72] GRAEF, CLAUDIA ISABELLA, DE
[72] LAUTERBACH, ARNULF, DE
[72] KLING, ANDREAS, DE
[72] GENESTE, HERVE, DE
[72] HORNBERGER, WILFRIED, DE
[72] SUBKOWSKI, THOMAS, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2003-02-10
[86] 2001-08-09 (PCT/EP2001/009224)
[87] 2003-02-10 (WO2002/014320)
[30] DE (100 39 998.3) 2000-08-11

[21] **2,419,080**
[13] A1
[51] **Int.Cl. 7A01N 43/40**
[25] EN
[54] **ANTISEPTIC FOR WOUNDS AND MUCOUS MEMBRANES**
[54] **ANTISEPTIQUE POUR BLESSURES ET MUQUEUSES**
[72] PITTEN, FRANK-ALBERT, DE
[72] KRAMER, AXEL, DE
[71] ANTISEPTICA CHEMISCH-PHARMAZEUTISCHE PRODUKTE GMBH, DE
[85] 2003-02-07
[86] 2002-02-27 (PCT/EP2002/002108)
[87] 2003-02-07 (WO2002/069874)
[30] DE (101 09 925.8) 2001-03-01

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[13] A1
[51] **Int.Cl. 7A61K 31/44**
[25] EN
[54] **MICRONIZED TORSEMIDE**
[54] **TORSEMIDE MICRONISE**
[72] ZAVUROV, SHLOMO, IL
[72] SALYI, SZABOLCS, HU
[72] LEONOV, DAVID, IL
[72] ARONHIME, JUDITH, IL
[72] KORDOVA, MARCO, IL
[72] MESZAROS-SOS, ERZSEBET, HU
[72] SCHWARTZ, ANCHEL, IL
[72] DOLITZKY, BEN-ZION, IL
[71] TEVA PHARMACEUTICALS INDUSTRIES LTD., IL
[85] 2003-02-12
[86] 2001-08-14 (PCT/US2001/025415)
[87] 2002-02-21 (WO2002/013823)
[30] US (60/225,365) 2000-08-14

[21] **2,419,148**
[13] A1
[51] **Int.Cl. 7C12N 15/12 7C07K 16/10 7A61P 31/14 7C12N 5/20 7A61K 39/42 7C12N 15/62 7C12N 15/85**
[25] EN
[54] **RABIES VIRUS-SPECIFIC NEUTRALIZING HUMAN MONOCLONAL ANTIBODIES AND NUCLEIC ACIDS AND RELATED METHODS**
[54] **ANTICORPS MONOCLONAUX HUMAINS DE NEUTRALISATION DU VIRUS DE LA RAGE, ACIDES NUCLEIQUES ET PROCEDES ASSOCIES**
[72] DIETZSCHOLD, BERNHARD, US
[72] HOOPER, DOUGLAS C., US
[71] THOMAS JEFFERSON UNIVERSITY, US
[85] 2003-02-06
[86] 2001-05-04 (PCT/US2001/014468)
[87] 2001-11-22 (WO2001/088132)
[30] US (60/204,518) 2000-05-16

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[13] A1
[51] **Int.Cl. 7C12Q 1/68 7G01N 33/00 7G01N 33/53**
[25] EN
[54] **ROLE OF FOSB IN BONE FORMATION**
[54] **PROCEDES D'UTILISATION D'AGENTS QUI MODULENT LA FORMATION DES OS ET INHIBENT L'ADIPOGENESE**
[72] SABATAKOS, GEORGIOS, US
[72] BARON, ROLAND E., US
[72] SIMS, NATALIE, US
[72] NESTLER, ERIC, US
[72] CHEN, JINGSHAN, US
[72] KELZ, MAX, US
[71] YALE UNIVERSITY, US
[85] 2003-02-10
[86] 2001-08-28 (PCT/US2001/041890)
[87] 2002-03-07 (WO2002/017858)
[30] US (60/228,450) 2000-08-29

[21] **2,419,154**
[13] A1
[51] **Int.Cl. 7C12Q 1/68**
[25] EN
[54] **COMPOSITIONS, METHODS AND KITS FOR DETERMINING THE PRESENCE OF CRYPTOSPORIDIUM ORGANISMS IN A TEST SAMPLE**
[54] **COMPOSITIONS, PROCEDES ET TROUSSES POUR DETERMINER LA PRESENCE D'ORGANISMES DU GENRE CRYPTOSPORIDIUM DANS UN ECHANTILLON A ANALYSER**
[72] WEISBURG, WILLIAM G., US
[72] CUNNINGHAM, MELISSA M., US
[72] STULL, PAUL D., US
[71] GEN-PROBE INCORPORATED, US
[85] 2003-02-10
[86] 2001-09-11 (PCT/US2001/042192)
[87] 2002-03-21 (WO2002/022890)
[30] US (60/232,028) 2000-09-12

[21] **2,419,187**
[13] A1
[51] **Int.Cl. 7D01F 6/06 7C08K 13/02 7D01F 1/10 7C08L 23/10 7D04H 3/16**
[25] EN
[54] **HIGH STRENGTH SPUNBOND FABRIC**
[54] **TEXTILE FILE-LIE TRES RESISTANT**
[72] CAMPBELL, RICHARD A., US
[72] MALCOM, JEFFREY D., US
[72] TRAFICANTE, MICHAEL S., US
[71] ARISTECH CHEMICAL CORPORATION, US
[85] 2003-02-07
[86] 2001-09-17 (PCT/US2001/028984)
[87] 2002-04-18 (WO2002/031237)
[30] US (09/686,722) 2000-10-11

[21] **2,419,201**
[13] A1
[51] **Int.Cl. 7A43D 1/00**
[25] EN
[54] **METHOD, SYSTEM AND SHOE ENABLING THE DETERMINATION OF FIT FROM OUTSIDE OF THE SHOE**
[54] **PROCEDE, SYSTEME, ET CHAUSSURE PERMETTANT DE DETERMINER L'AJUSTEMENT D'UNE CHAUSSURE A PARTIR DE L'EXTERIEUR DE LADITE CHAUSSURE**
[72] ST. ONGE, WILL, ID
[72] COPLON, H., KEVIN, ID
[71] ST. ONGE, WILL, ID
[71] COPLON, H., KEVIN, ID
[85] 2003-02-12
[86] 2001-08-22 (PCT/US2001/026169)
[87] 2002-02-28 (WO2002/015731)
[30] US (09/644,919) 2000-08-23

[21] **2,419,209**
[13] A1
[51] **Int.Cl. 7H01M 8/02 7H01M 8/10**
[25] EN
[54] **BIPOLAR PLATE FOR PEM FUEL CELLS**
[54] **PLAQUE BIPOLAIRE POUR CELLULES A COMBUSTIBLE A MEMBRANE D'ELECTROLYTE POLYMERE**
[72] FISCHER, KLAUS, DE
[72] BARTHOLOMEYZIK, WILLI, DE
[71] BASF AKTIENGESELLSCHAFT, DE
[85] 2003-02-12
[86] 2001-08-14 (PCT/EP2001/009385)
[87] 2003-02-12 (WO2002/015311)
[30] DE (10039674.7) 2000-08-14

[21] **2,419,219**
[13] A1
[51] **Int.Cl. 7C07D 401/12 7C07D 487/04 7C07D 491/04 7C07D 401/14 7C07D 403/14 7C07D 413/14 7C07D 417/14 7A61P 31/18 7A61K 31/47 7A61K 31/505 7C07D 213/81**
[25] EN
[54] **CHEMOKINE RECEPTOR BINDING HETEROCYCLIC COMPOUNDS**
[54] **COMPOSES HETEROCYCLIQUES SE LIANT AVEC LES RECEPTEURS DE CHIMIOKINES**
[72] SCHOLS, DOMINIQUE, BE
[72] SMITH, CHRISTOPHER DENNIS, CA
[72] WILSON, TREVOR R., CA
[72] BRIDGER, GARY, US
[72] SKERLJ, RENATO T., CA
[72] MCEACHERN, ERNEST J., CA
[72] ZHOU, YUANXI, CA
[72] BOGUICKI, DAVID E., CA
[72] AT SMA, BEM, CA
[72] KALLER, AL, CA
[72] DI FLURI, ROSARIA MARIA, CA
[72] NAN, SIQIAO, CA
[72] CRAWFORD, JASON, CA
[72] HARWIG, CURTIS, CA
[71] ANORMED INC., CA
[85] 2003-02-11
[86] 2001-09-17 (PCT/CA2001/001325)
[87] 2002-03-21 (WO2002/022599)
[30] US (60/233,087) 2000-09-15
[30] US (60/234,816) 2000-09-22

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[13] A1

[51] **Int.Cl. 7C07D 401/14 7C07D 493/04 7C07D 401/12 7C07D 403/12 7C07D 403/14 7C07D 405/14 7C07D 413/14 7C07D 417/14 7A61P 31/18 7C07D 213/38 7A61K 31/47**
[25] EN
[54] **CHEMOKINE RECEPTOR BINDING HETEROCYCLIC COMPOUNDS**
[54] **COMPOSES HETEROCYCLIQUES SE LIANT AVEC LES RECEPTEURS DE CHIMIOKINES**
[72] SCHOLS, DOMINIQUE, BE
[72] BRIDGER, GARY, US
[72] AT SMA, BEM, CA
[72] DI FLURI, ROSARIA MARIA, CA
[72] SKERLJ, RENATO T., CA
[72] KALLER, AL, CA
[72] MCEACHERN, ERNEST J., CA
[72] HARWIG, CURTIS, CA
[72] SMITH, CHRISTOPHER DENNIS, CA
[72] ZHOU, YUANXI, CA
[72] WILSON, TREVOR R., CA
[72] BOGUCKI, DAVID E., CA
[72] CRAWFORD, JASON, CA
[72] NAN, SIQIAO, CA
[71] ANORMED, INC., CA
[85] 2003-02-11
[86] 2001-09-17 (PCT/CA2001/001326)
[87] 2002-03-21 (WO2002/022600)
[30] US (60/232,891) 2000-09-15
[30] US (60/234,510) 2000-09-22

[21] **2,419,226**
[13] A1

[51] **Int.Cl. 7C08G 81/00 7G11C 13/02**
[25] EN
[54] **COMPOSITIONS OF NUCLEIC ACIDS THAT FORM MOLTEN PHASES AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS D'ACIDES NUCLEIQUES FORMANT DES PHASES FONDUES, PROCEDES D'UTILISATION ASSOCIES**
[72] WILLIAMS, MARY ELIZABETH, US
[72] LEONE, ANTHONY M., US
[72] MURRAY, ROYCE W., US
[72] THORP, H. HOLDEN, US
[71] UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2003-02-11
[86] 2001-08-17 (PCT/US2001/025718)
[87] 2002-03-21 (WO2002/022711)
[30] US (60/226,113) 2000-08-18

[21] **2,419,249**
[13] A1

[51] **Int.Cl. 7A61K 9/62 7A61P 3/06 7A61K 31/575**
[25] EN
[54] **WATER-DISPERSIBLE ENCAPSULATED STEROLS**
[54] **STEROLS ENCAPSULES DISPERSABLES DANS L'EAU**
[72] AURIOU, NICOLAS, CH
[71] NOVARTIS NUTRITION AG, CH
[85] 2003-02-11
[86] 2001-08-30 (PCT/EP2001/010044)
[87] 2002-03-07 (WO2002/017892)
[30] GB (0021498.1) 2000-09-01

[21] **2,419,250**
[13] A1

[51] **Int.Cl. 7G06T 15/20**
[25] EN
[54] **TEXTURE MAPPING SYSTEM USED FOR CREATING THREE-DIMENSIONAL URBAN MODELS**
[54] **SYSTEME DE MAPPAGE DE TEXTURE DESTINE A LA CREATION DE MODELES URBAINS TRIDIMENSIONNELS**
[72] NEMETHY, JOSEPH, US
[72] CHAN, ELLERY, US
[72] BOSS, MARK, US
[72] RAHMES, MARK, US
[71] HARRIS CORPORATION, US
[85] 2003-02-11
[86] 2001-08-27 (PCT/US2001/026600)
[87] 2002-03-07 (WO2002/019273)
[30] US (09/652,118) 2000-08-29

[21] **2,419,252**
[13] A1

[51] **Int.Cl. 7G01L 1/24 7G01D 21/00 7G01B 11/06**
[25] EN
[54] **OPTICAL TACTILE SENSOR**
[54] **DETECTEUR TACTILE OPTIQUE**
[72] TACHI, SUSUMU, JP
[72] KAJIMOTO, HIROYUKI, JP
[71] CENTER FOR ADVANCED SCIENCE AND TECHNOLOGY INCUBATION, LTD., JP
[85] 2003-02-11
[86] 2001-08-30 (PCT/JP2001/007462)
[87] 2003-02-11 (WO2002/018893)
[30] JP (2000-264407) 2000-08-31

[21] **2,419,253**
[13] A1

[51] **Int.Cl. 7C10G 11/02 7C10G 11/04 7C10G 11/05**
[25] EN
[54] **FCC PROCESS INCORPORATING CRYSTALLINE MICROPOROUS OXIDE CATALYSTS HAVING INCREASED LEWIS ACIDITY**
[54] **PROCEDE DE CRAQUAGE CATALYTIQUE FLUIDE A BASE DE CATALYSEUR A L'OXYDE CRISTALLIN MICROPOREUX PRESENTANT UNE ACIDITE DE LEWIS ACCRUE**
[72] SCHWEIZER, ALBERT E., US
[72] SCHUETTE, WILLIAM L., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2003-02-11
[86] 2001-08-17 (PCT/US2001/025940)
[87] 2002-03-07 (WO2002/018516)
[30] US (09/653,135) 2000-08-31
[30] US (09/653,136) 2000-08-31

[21] **2,419,254**
[13] A1

[51] **Int.Cl. 7C12Q 1/00**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR DETECTING TARGET MICROORGANISMS IN A SAMPLE**
[54] **COMPOSITIONS ET METHODES DE DETECTION DE MICRO-ORGANISMES CIBLES DANS UN ECHANTILLON**
[72] TOWNSEND, DAVID, US
[71] BIOCONTROL SYSTEMS, INC., US
[85] 2003-02-11
[86] 2001-08-27 (PCT/US2001/026706)
[87] 2002-03-07 (WO2002/018625)
[30] US (60/228,956) 2000-08-28

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[21] **2,419,255**
[13] A1

[51] **Int.Cl. 7C07D 413/12 7A61P 31/00 7A61P 35/00 7C07D 471/04 7C07D 401/12 7C07D 405/12 7A61K 31/4427 7A61K 31/553 7C07D 213/73 7C07D 213/74**
[25] EN
[54] **COMPOUNDS CONTAINING A BICYCLIC RING SYSTEM USEFUL AS ALPHA V BETA 3 ANTAGONISTS**
[54] **COMPOSES CONTENANT UN SYSTEME DE NOYAU BICYCLIQUE ET UTILES EN TANT QU'ANTAGONISTES DE L'INTEGRINE ALPHA V BETA 3**
[72] ISH, KUMAR KHANNA, US
[72] YI, YU, US
[72] NIZAL, S. CHANDRAKUMAR, US
[72] HWANG-FUN, LU, US
[72] BALEKUDRU, DEVADAS, US
[71] PHARMACIA CORPORATION, US
[85] 2003-02-11
[86] 2001-08-29 (PCT/US2001/026889)
[87] 2002-03-07 (WO2002/018377)
[30] US (60/228,693) 2000-08-29

[21] **2,419,256**
[13] A1

[51] **Int.Cl. 7A61K 31/585 7A61P 25/18 7A61P 25/22**
[25] EN
[54] **USE OF AN ALDOSTERONE RECEPTOR ANTAGONIST TO IMPROVE COGNITIVE FUNCTION**
[54] **UTILISATION D'UN ANTAGONISTE DU RECEPTEUR D'ALDOSTERONE POUR AMELIORER LA FONCTION COGNITIVE**
[72] TOOLEY, JOSEPH F., US
[72] FEDDE, KENTON N., US
[72] PEREZ, ALFONZO T., US
[71] PHARMACIA CORPORATION, US
[85] 2003-02-11
[86] 2001-08-28 (PCT/US2001/026760)
[87] 2002-03-07 (WO2002/017895)
[30] US (60/228,738) 2000-08-28

[21] **2,419,257**
[13] A1

[51] **Int.Cl. 7H04Q 7/32**
[25] EN
[54] **MANAGEMENT OF PORTABLE RADIOTELEPHONES**
[54] **GESTION DE RADIOT-L-PHONES PORTABLES**
[72] HILTUNEN, MISKA, DE
[72] TUOMINEN, HEIKKI, DE
[71] NOKIA CORPORATION, FI
[85] 2003-02-11
[86] 2001-09-06 (PCT/IB2001/001955)
[87] 2002-03-14 (WO2002/021867)
[30] GB (0021988.1) 2000-09-07

[21] **2,419,258**
[13] A1

[51] **Int.Cl. 7C07D 501/06**
[25] EN
[54] **INTERMEDIATES IN CEPHALOSPORIN PRODUCTION**
[54] **INTERMEDIAIRES DANS LA PRODUCTION DE CEPHALOSPORINE**
[72] KREMMINGER, PETER, AT
[71] BIOCHEMIE GESELLSCHAFT MBH, AT
[85] 2003-02-11
[86] 2001-09-10 (PCT/EP2001/010447)
[87] 2002-03-14 (WO2002/020532)
[30] AT (A 1537/2000) 2000-09-11

[21] **2,419,260**
[13] A1

[51] **Int.Cl. 7G06F 1/04**
[25] EN
[54] **CLOCK GENERATOR, PARTICULARLY FOR USB DEVICES**
[54] **GENERATEUR D'HORLOGE, NOTAMMENT POUR DISPOSITIFS USB**
[72] WEDER, UWE, DE
[72] BRUHNKE, MICHAEL, DE
[72] PREIS, VIKTOR, DE
[71] INFINEON TECHNOLOGIES AG, DE
[85] 2003-02-11
[86] 2001-08-21 (PCT/DE2001/003187)
[87] 2002-02-28 (WO2002/017047)
[30] DE (100 41 772.8) 2000-08-25

[21] **2,419,284**
[13] A1

[51] **Int.Cl. 7C12N 15/00**
[25] EN
[54] **PRNA CHIMERA**
[54] **CHIMERE D'ARNP**
[72] HOEPRICH, STEPHEN M., US
[72] GUO, PEIXUAN, US
[72] SHU, DAN, US
[71] PURDUE RESEARCH FOUNDATION, US
[85] 2003-02-11
[86] 2001-08-23 (PCT/US2001/026333)
[87] 2002-02-28 (WO2002/016596)
[30] US (60/227,393) 2000-08-23

[21] **2,419,330**
[13] A1

[51] **Int.Cl. 7A41D 19/015**
[25] EN
[54] **HIGH BREATHABILITY CYCLIST HAND GLOVE**
[54] **GANT DE CYCLISTE A HAUTE PERMEABILITE A L'AIR**
[72] GARNEAU, LOUIS, CA
[71] LOUIS GARNEAU SPORTS INC., CA
[85] 2003-02-12
[86] 2001-07-19 (PCT/CA2001/001052)
[87] 2002-08-01 (WO2002/058493)
[30] US (60/264,015) 2001-01-26

[21] **2,419,342**
[13] A1

[51] **Int.Cl. 7C12N 15/00**
[25] EN
[54] **G-PROTEIN COUPLED RECEPTORS**
[54] **RECEPTEUR COUPLE AUX PROTEINES G**
[72] TRIBOULEY, CATHERINE M., US
[72] PATTERSON, CHANDRA, US
[72] AZIMZAI, YALDA, US
[72] GRAUL, RICHARD C., US
[72] KEARNEY, LIAM, US
[72] NGUYEN, DANNIEL B., US
[72] KHAN, FARRAH A., US
[72] DING, LI, US
[72] AU-YOUNG, JANICE, US
[72] BAUGHN, MARIAH R., US
[72] KALLICK, DEBORAH A., US
[72] LEE, ERNESTINE A., US
[71] INCYTE GENOMICS, INC., US
[85] 2003-02-24
[86] 2001-08-30 (PCT/US2001/027058)
[87] 2002-03-07 (WO2002/018581)
[30] US (60/229,871) 2000-08-31
[30] US (60/232,243) 2000-09-13
[30] US (60/244,806) 2000-10-31

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<p style="text-align: right;">[21] 2,419,492 [13] A1</p> <p>[51] Int.Cl. 7C07K 1/36 [25] EN [54] METHODS AND APPARATUS FOR GEL-FREE QUALITATIVE AND QUANTITATIVE PROTEOME ANALYSIS, AND USES THEREFORE [54] PROCEDES ET APPAREILS DESTINES A UNE ANALYSE QUALITATIVE ET QUANTITATIVE SANS GEL DU PROTEOME ET UTILISATIONS ASSOCIEES [72] GEVAERT, KRIS, BE [72] VANDEKERCKHOVE, JOEL, BE [71] VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW, BE [85] 2003-02-12 [86] 2002-03-22 (PCT/EP2002/003368) [87] 2002-10-03 (WO2002/077016) [30] US (60/278,171) 2001-03-22 [30] US (60/318,749) 2001-09-12 [30] US (60/323,999) 2001-09-20</p>	<p style="text-align: right;">[21] 2,419,577 [13] A1</p> <p>[51] Int.Cl. 7C12N 9/00 [25] EN [54] MANGANESE LIPOXYGENASE [54] LIPOXYGENASE [72] OLIW, ERNST, SE [72] OSTERGAARD, LARS, DK [72] SUGIO, AKIKO, JP [72] TAKAGI, SHINOBU, JP [72] CHRISTENSEN, SOREN, DK [71] NOVOZYMES A/S, DK [85] 2003-02-26 [86] 2001-09-05 (PCT/DK2001/000574) [87] 2002-03-14 (WO2002/020730) [30] DK (PA 2000 01320) 2000-09-05 [30] SE (0004790-2) 2000-12-22 [30] DK (PA 2001 00322) 2001-02-27 [30] US (60/272,604) 2001-03-01</p>	<p style="text-align: right;">[21] 2,419,860 [13] A1</p> <p>[51] Int.Cl. 7C12N 15/10 7C07K 1/04 7C12Q 1/37 7C12N 15/62 [25] EN [54] METHOD FOR SCREENING HIGHLY ACTIVE PROTEASES AND INHIBITORS [54] PROCEDE DE CRIBLAGE DE PROTEASES HAUTEMENT ACTIVES ET LEURS INHIBITEURS [72] NORREGAARD-MADSEN, MADSEN, DK [72] PEDERSEN, POUL ERIK, DK [71] NOVOZYMES A/S, DK [85] 2003-02-17 [86] 2001-07-17 (PCT/DK2001/000503) [87] 2002-03-07 (WO2002/018588) [30] DK (PA 2000 01273) 2000-08-29 [30] US (60/230,017) 2000-09-05</p>
<p style="text-align: right;">[21] 2,419,563 [13] A1</p> <p>[51] Int.Cl. 7C12N 15/11 7C07H 21/00 7A61K 31/712 [25] EN [54] CHIMERIC ANTISENSE OLIGONUCLEOTIDES OF ARABINOFURANOSE ANALOGUES AND DEOXYRIBOSE NUCLEOTIDES [54] ANTISENS CHIMERIQUE D'ANALOGUES DE L'ARABINOFURANOSE ANALOGUE ET NUCLEOTIDES DE DESOXYRIBOSE [72] PARNIAK, MICHAEL A., US [72] LOK, CHUN-NAM, CA [72] VIAZOVKINA, EKATERINA, CA [72] DAMHA, MASAD JOSE, CA [71] MCGILL UNIVERSITY, CA [85] 2003-02-18 [86] 2001-09-04 (PCT/CA2001/001252) [87] 2002-03-14 (WO2002/020773) [30] US (60/230,414) 2000-09-06</p>	<p style="text-align: right;">[21] 2,419,649 [13] A1</p> <p>[51] Int.Cl. 7C12Q 1/70 7C12Q 1/68 [25] EN [54] AMPLIFICATION OF HIV-1 SEQUENCES FOR DETECTION OF SEQUENCES ASSOCIATED WITH DRUG-RESISTANCE MUTATIONS [54] AMPLIFICATION DE SEQUENCES VIH-1 POUR LA DETECTION DE SEQUENCES ASSOCIEES AUX MUTATIONS DE LA RESISTANCE AUX MEDICAMENTS [72] YANG, YEASING Y., US [72] BABOLA, ODILE, FR [72] BRENTANO, STEVEN T., US [72] TRAN, NATHALIE, FR [72] VERNET, GUY, FR [71] GEN-PROBE INCORPORATED, US [71] BIOMERIEUX S.A., FR [85] 2003-02-04 [86] 2000-09-01 (PCT/US2000/024117) [87] 2002-03-14 (WO2002/020852)</p>	<p style="text-align: right;">[21] 2,419,896 [13] A1</p> <p>[51] Int.Cl. 7C12N 9/54 7C11D 3/386 [25] EN [54] SUBTILASE ENZYMES [54] ENZYMES SUBTILASES [72] OUTTRUP, HELLE, DK [72] PEDERSEN, POUL ERIK, DK [72] SORENSEN, MARIANNE VIND, DK [71] NOVOZYMES A/S, DK [85] 2003-02-17 [86] 2001-08-21 (PCT/DK2001/000551) [87] 2002-02-28 (WO2002/016547) [30] DK (PA 2000 01232) 2000-08-21</p>

PCT Applications Entering the National Phase

<p style="text-align: right;">[21] 2,419,943 [13] A1</p> <p>[51] Int.Cl. 7C12N 15/00 [25] EN [54] SECRETORY MOLECULES [54] MOLECULES SECRETOIRES [72] JONES, ANISSA LEE, US [72] ALTUS, CHRISTINA M., US [72] YAP, PIERRE E., US [72] YU, JIMMY Y., US [72] LIU, TOMMY F., US [72] DAFFO, ABEL, US [72] WRIGHT, RACHEL J., US [72] ROSEBERRY, ANN M., US [72] FLORES, VINCENT, US [72] HARRIS, BERNARD, US [72] GIETZEN, DARRYL, US [72] MOMIYAMA, MONIKA G., US [72] INMAN, REBEKAH R., US [72] AU, ALAN P., US [72] MARWAHA, RAKESH, US [72] PANZER, SCOTT R., US [72] LINCOLN, STEPHEN E., US [72] BRADLEY, DIANA L., US [72] GERSTIN, EDWARD H., JR., US [72] ROHATGI, SAMEER D., US [72] STUART, JACKSON, US [72] DUFOUR, GERARD E., US [72] CHALUP, MICHAEL S., US [72] CHANG, SIMON C., US [72] HILLMAN, JENNIFER L., US [72] DAHL, CHRISTOPHER R., US [72] DAVID, MARIE H., US [72] CHEN, ALICE J., US [72] PERALTA, CAREYNA H., US [71] INCYTE GENOMICS, INC., US [85] 2003-02-20 [86] 2001-08-30 (PCT/US2001/027297) [87] 2002-03-14 (WO2002/020756) [30] US (60/229,751) 2000-09-05 [30] US (60/230,016) 2000-09-05 [30] US (60/229,749) 2000-09-05 [30] US (60/229,750) 2000-09-05 [30] US (60/229,747) 2000-09-05 [30] US (60/229,748) 2000-09-05 [30] US (60/230,583) 2000-09-05 [30] US (60/230,517) 2000-09-06 [30] US (60/230,599) 2000-09-06 [30] US (60/230,514) 2000-09-06 [30] US (60/230,988) 2000-09-06 [30] US (60/230,518) 2000-09-06 [30] US (60/230,515) 2000-09-06 [30] US (60/230,610) 2000-09-06 [30] US (60/230,597) 2000-09-06 [30] US (60/230,505) 2000-09-06 [30] US (60/230,519) 2000-09-06 [30] US (60/230,595) 2000-09-06 [30] US (60/230,990) 2000-09-06 [30] US (60/230,865) 2000-09-06 [30] US (60/230,989) 2000-09-06 [30] US (60/230,596) 2000-09-06 [30] US (60/230,864) 2000-09-06 [30] US (60/231,163) 2000-09-07 [30] US (60/230,896) 2000-09-07 [30] US (60/230,897) 2000-09-07</p>	<p>[30] US (60/231,832) 2000-09-07 [30] US (60/230,951) 2000-09-07</p> <hr/> <p style="text-align: right;">[21] 2,419,985 [13] A1</p> <p>[51] Int.Cl. 7C12Q 1/48 7G01N 33/68 [25] EN [54] MODULATING MULTIPLE LINEAGE KINASE PROTEINS [54] PROCEDES PERMETTANT DE MODULER DES PROTEINES KINASE A LIGNEE MULTIPLE ET DE CRIBLER DES COMPOSES LES MODULANT [72] DIONNE, CRAIG A., US [72] WALTON, KEVIN M., US [72] MARONEY, ANNA, US [72] NEFF, NICOLA, US [72] KNIGHT, ERNEST JR., US [72] GLICKSMAN, MARCIE A., US [71] CEPHALON, INC., US [85] 2003-02-07 [86] 2001-08-08 (PCT/US2001/024822) [87] 2002-02-21 (WO2002/014536) [30] US (09/637,054) 2000-08-11</p> <hr/> <p style="text-align: right;">[21] 2,420,065 [13] A1</p> <p>[51] Int.Cl. 7G01N 33/68 7A61K 38/00 7C12N 15/10 7C12Q 1/37 [25] EN [54] METHOD FOR IDENTIFYING PEPTIDES THAT CAN BE SPECIFICALLY CLEAVED AND THE USE OF PEPTIDE SEQUENCES OF THIS TYPE [54] PROCEDE D'IDENTIFICATION DE PEPTIDES DE FISSION SPECIFIQUE ET UTILISATION DE TELLES SEQUENCES PEPTIDIQUES [72] REIMHOLZ, RALPH, DE [72] PLOGER, FRANK, DE [71] PHYLOS, INC., US [85] 2003-02-19 [86] 2001-08-07 (PCT/EP2001/009102) [87] 2003-02-19 (WO2002/016574) [30] DE (100 41 238.6) 2000-08-22</p>	<p style="text-align: right;">[21] 2,420,071 [13] A1</p> <p>[51] Int.Cl. 7C12N 15/00 [25] EN [54] PROCESS FOR THE PREPARATION OF NEUTROPHIL INHIBITORY FACTOR [54] PROCEDE DE PREPARATION DE FACTEUR D'INHIBITION DE POLYNUCLEAIRES NEUTROPHILES [72] MOYLE, MATTHEW, US [72] GELDART, RODERICK WILLIAM, US [72] HO, LEWIS, US [72] OKEDIADI, CENTY AFAM, US [72] PLUSCHKELL, STEFANIE BEATE, US [72] KOEHLER, MARK ALAN, US [72] HAWRYLIK, STEVEN JOSEPH, US [72] ZHU, MARIE MEIYING, US [72] PIAS, STEPHEN JOSEPH, US [71] PFIZER PRODUCTS INC., US [71] CORVAS INTERNATIONAL, INC., US [85] 2003-02-19 [86] 2001-08-15 (PCT/US2001/025733) [87] 2002-02-28 (WO2002/016584) [30] US (09/644,942) 2000-08-23 [30] US (09/797,410) 2001-02-28</p> <hr/> <p style="text-align: right;">[21] 2,420,134 [13] A1</p> <p>[51] Int.Cl. 7C07H 21/04 7C07K 5/00 7C07K 14/00 7C07H 21/02 7C12N 1/21 7C12N 15/63 7C12Q 1/68 7C12N 15/85 7C12N 15/86 [25] EN [54] 12 HUMAN SECRETED PROTEINS [54] 12 PROTEINES HUMAINES SECRETEES [72] MOORE, PAUL A., US [72] OLSEN, HENRIK S., US [72] FISCELLA, MICHELE, US [72] NI, JIAN, US [72] BAKER, KEVIN P., US [72] CHOI, GIL H., US [72] SHI, YANGGU, US [72] DUAN, D. ROXANNE, US [72] BIRSE, CHARLES E., US [72] SOPPET, DANIEL R., US [72] WEI, PING, US [72] EBNER, REINHARD, US [72] ROSEN, CRAIG A., US [72] KOMATSOULIS, GEORGE A., US [71] HUMAN GENOME SCIENCES, INC., US [85] 2003-02-14 [86] 2001-01-17 (PCT/US2001/001387) [87] 2002-02-28 (WO2002/016387) [30] US (60/226,380) 2000-08-18 [30] US (60/259,803) 2001-01-05</p>
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PCT Applications Entering the National Phase

Canadian Divisional and Previously Unavailable Laid-Open applications

Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

[21] **2,415,305**
[13] A1
[51] **Int.Cl. 7B41J 2/14 7B41J 2/525**
[25] EN
[54] **HIGH DEFINITION THERMAL INK-JET PRINTER**
[54] **IMPRIMANTE THERMIQUE HAUTE DEFINITION A JET D'ENCRE**
[72] VINCENT, KENT D., US
[72] NGUYEN, MICHAEL A., US
[72] ERTEL, JOHN P., US
[71] HEWLETT-PACKARD COMPANY, US
[22] 1991-08-20
[43] 1992-04-20
[62] 2,049,571
[30] US (600,640) 1990-10-19

[21] **2,415,407**
[13] A1
[51] **Int.Cl. 7C11D 1/66 7C11D 1/02 7B08B 3/08 7A61L 2/18 7C11D 3/20**
[25] EN
[54] **CLEANING/SANITIZING METHODS, COMPOSITIONS, AND/OR ARTICLES FOR PRODUCE**
[54] **METHODES, COMPOSITIONS ET/OU ARTICLES DE NETTOYAGE/DESINFECTION DE FRUITS ET DE PRODUITS MARAICHERS**
[72] JONES, KYLE DAVID, US
[72] ROSELLE, BRIAN JOSEPH, US
[72] MURCH, BRUCE PRENTISS, GB
[72] WARD, THOMAS EDWARD, US
[72] TRINH, TOAN, US
[72] BAKER, KEITH HOMER, US
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 1996-06-03
[43] 1997-01-16
[62] 2,225,685
[30] US (08/495,288) 1995-06-27

[21] **2,415,785**
[13] A1
[51] **Int.Cl. 7B65D 47/10 7B65D 47/08**
[25] EN
[54] **CUP LID HAVING COMBINED STRAW SLOT DEPRESSION AND TEAR BACK LID RETAINER**
[54] **COUVERCLE COMBINANT FENTE POUR INSERTION D'UNE PAILLE ET FERMOIR RABATTABLE VERS L'ARRIERE**
[72] THOMAS, MICHAEL, CA
[72] FREEK, MICHAEL, CA
[71] FORT JAMES CORPORATION, US
[22] 1997-08-13
[43] 1998-02-27
[62] 2,212,858
[30] US (08/703,771) 1996-08-27

[21] **2,416,138**
[13] A1
[51] **Int.Cl. 7C01B 3/36 7C01B 3/02**
[25] FR
[54] **PROCEDE DE FABRICATION DE GAZ DE SYNTHESE ET UTILISATION ASSOCIEE**
[54] **SYNTHETIC GAS PREPARATION PROCESS AND USE THEREFOR**
[72] LE GAL, JEAN-HERVE, FR
[72] MAUTE, MICHEL, FR
[72] BOUCOT, PIERRE, FR
[71] INSTITUT FRANCAIS DU PETROLE, FR
[22] 1993-09-24
[43] 1994-03-26
[62] 2,106,904
[30] FR (92 11 568) 1992-09-25

[21] **2,416,347**
[13] A1
[51] **Int.Cl. 7C12N 15/29 7A01H 5/00 7C08B 30/04 7C12N 5/04 7A23L 1/0522**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO PLANT STARCH COMPOSITION**
[54] **AMELIORATIONS APPORTEES A UNE COMPOSITION A BASE D'AMIDON DE PLANTE**
[72] COOKE, DAVID, GB
[72] SAFFORD, RICHARD, GB
[72] GIDLEY, MICHAEL JOHN, GB
[72] DEBET, MARTINE, GB
[72] JOBLING, STEPHEN ALAN, GB
[72] WESTCOTT, ROGER JOHN, GB
[72] SIDEBOTTOM, CHRISTOPHER MICHAEL, GB
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US
[22] 1996-05-03
[43] 1996-11-07
[62] 2,217,878
[30] GB (9509229.2) 1995-05-05
[30] GB (9607409.1) 1996-04-10

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[21] **2,417,403**
 [13] A1
 [51] **Int.Cl. 7C07D 277/34 7C07C 69/78**
 [25] EN
 [54] N-
BENZYL DIOXOTHIAZOLIDYLBENZAMIDE DERIVATIVES AND PROCESS PRODUCING THE SAME
 [54] **DERIVES DE N-BENZYL DIOXOTHIAZOLIDYLBENZAMIDE ET LEUR PROCÉDE DE PRODUCTION**
 [72] SATOH, HIROYA, JP
 [72] KINOSHITA, SUSUMU, JP
 [72] TSUNODA, MASAKI, JP
 [72] NOMURA, MASAHIRO, JP
 [72] MAEDA, TOSHIO, JP
 [72] AWANO, KATSUYA, JP
 [72] MURAKAMI, KOJI, JP
 [71] KYORIN PHARMACEUTICAL CO., LTD., JP
 [22] 1996-05-30
 [43] 1996-12-05
 [62] 2,220,698
 [30] JP (7-159781) 1995-06-02
 [30] JP (8-153139) 1996-05-24

[21] **2,417,408**
 [13] A1
 [51] **Int.Cl. 7C07D 277/34**
 [25] EN
 [54] N-
BENZYL DIOXOTHIAZOLIDYLBENZAMIDE DERIVATIVES AND PROCESS FOR PRODUCING THE SAME
 [54] **DERIVES DE N-BENZYL DIOXOTHIAZOLIDYLBENZAMIDE ET LEUR PROCÉDE DE PRODUCTION**
 [72] SATOH, HIROYA, JP
 [72] MURAKAMI, KOJI, JP
 [72] NOMURA, MASAHIRO, JP
 [72] TSUNODA, MASAKI, JP
 [72] AWANO, KATSUYA, JP
 [72] MAEDA, TOSHIO, JP
 [71] KYORIN PHARMACEUTICAL CO., LTD., JP
 [22] 1996-05-30
 [43] 1996-12-05
 [62] 2,220,698
 [30] JP (7-159781) 1995-06-02
 [30] JP (8-153139) 1996-05-24

[21] **2,417,843**
 [13] A1
 [51] **Int.Cl. 7A61K 31/545 7A61P 31/00 7A61P 31/04 7A61K 9/08**
 [25] EN
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 [54] **ADMINISTRATION OF AN INJECTABLE ANTIBIOTIC IN THE EAR OF AN ANIMAL**
 [54] **ADMINISTRATION D'UN ANTIBIOTIQUE INJECTABLE DANS L'OREILLE D'UN ANIMAL**
 [72] BROWN, SCOTT A., US
 [71] PHARMACIA & UPJOHN COMPANY, US
 [22] 1998-03-16
 [43] 1998-09-24
 [62] 2,280,718
 [30] US (822,195) 1997-03-20

[21] **2,418,595**
 [13] A1
 [51] **Int.Cl. 7H01J 9/02**
 [25] EN
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 [54] **DISPOSITIF EMETTEUR D'ELECTRONS ET SA METHODE DE FABRICATION, SOURCE D'ELECTRONS ET APPAREIL D'IMAGERIE**
 [72] BANNO, YOSHIKAZU, JP
 [72] SUZUKI, HIDETOSHI, JP
 [72] NOMURA, ICHIRO, JP
 [72] YAMANUBE, MASATO, JP
 [72] OHNISHI, TOSHIKAZU, JP
 [72] MITOME, MASAORI, JP
 [72] ONO, TAKEO, JP
 [71] CANON KABUSHIKI KAISHA, JP
 [22] 1994-06-22
 [43] 1995-06-28
 [62] 2,299,957
 [30] JP (5-331103) 1993-12-27
 [30] JP (5-335925) 1993-12-28
 [30] JP (6-137317) 1994-06-20

[21] **2,418,623**
 [13] A1
 [51] **Int.Cl. 7F04B 53/10**
 [25] EN
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 [54] **POMPE A PISTONS MULTIPLES**
 [72] O'HARA, KEVIN D., US
 [72] SIEMER, GLENN E., US
 [72] OLSEN, DANIEL B., US
 [72] SOAR, STEVEN E., US
 [72] BECKETT, CARL D., US
 [71] MICROPUMP, INC., US
 [22] 1996-03-20
 [43] 1996-09-26
 [62] 2,213,194
 [30] US (08/406399) 1995-03-20

[21] **2,418,625**
 [13] A1
 [51] **Int.Cl. 7A61M 31/00 7A61B 19/00**
 [25] EN
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 [54] **SYSTEME DE GESTION DES FLUIDES**
 [72] BEISER, DAVID G., US
 [72] WOOLFSON, STEVEN B., US
 [72] KRAUSE, KENNETH W., US
 [71] BEISER, DAVID G., US
 [71] WOOLFSON, STEVEN B., US
 [71] KRAUSE, KENNETH W., US
 [22] 1992-08-20
 [43] 1993-02-22
 [62] 2,076,502
 [30] US (748,249) 1991-08-21
 [30] US (867,981) 1992-04-13
 [30] US (838,465) 1992-02-19

[21] **2,418,626**
 [13] A1
 [51] **Int.Cl. 7G02B 6/16 7F21V 8/00 7F21V 13/08 7G02B 6/34**
 [25] EN
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 [54] **PELLICULE PRISMATIQUE**
 [72] DREYER, JOHN, US
 [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US
 [22] 1996-10-17
 [43] 1997-04-24
 [62] 2,232,261
 [30] US (08/544775) 1995-10-18

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[21] **2,418,627**

[13] A1

[51] **Int.Cl. 7A61M 31/00 7A61B 19/00**

7A61M 1/00

[25] EN

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[54] **SYSTEME DE GESTION DES
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[72] KRAUSE, KENNETH W., US

[72] BEISER, DAVID G., US

[72] WOOLFSON, STEVEN B., US

[71] KRAUSE, KENNETH W., US

[71] BEISER, DAVID G., US

[71] WOOLFSON, STEVEN B., US

[22] 1992-08-20

[43] 1993-02-22

[62] 2,076,502

[30] US (748,249) 1991-08-21

[30] US (838,465) 1992-02-19

[30] US (867,981) 1992-04-13

[21] **2,418,819**

[13] A1

[51] **Int.Cl. 7B01D 46/04 7B01D 35/16**

[25] EN

[54] **BAG HOUSE CLEANING SYSTEM**

[54] **SYSTEME DE NETTOYAGE
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[72] ELLIOTT, JEFFREY A., AU

[71] GOYEN CONTROLS CO. PTY.

LIMITED, AU

[22] 1994-09-01

[43] 1995-03-09

[62] 2,170,866

[30] AU (PM 1028) 1993-09-03

[21] **2,418,916**

[13] A1

[51] **Int.Cl. 7G06F 17/10 7G06T 15/00**

[25] EN

[54] **GRAPHICS PROCESSING UNIT
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[54] **UNITE DE TRAITEMENT
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[72] TAKAMI, KAZUHISA, JP

[72] ONIKI, KAZUNORI, JP

[72] ABE, YUICHI, JP

[72] FUJITA, RYO, JP

[72] SUZUKI, KATSUNORI, JP

[71] HITACHI LTD., JP

[22] 1998-01-20

[43] 1998-07-20

[62] 2,227,531

[30] JP (9-007240) 1997-01-20

[30] JP (9-010918) 1997-01-24

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HONEYWELL INC.	2,144,412	KAHN, JAY IAN	2,258,702	KURISU, TORU	2,302,951
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SUZUKI, MASATOSHI	2,088,330	UNITED STATES SURGICAL		YAMAMOTO, NAOKI	2,049,862
SUZUKI, NAOHISA	2,229,472	URBAN, FRANK JOHN		YAMANASHI, ICHIRO	2,280,555
SUZUKI, YOSHIAKI	2,311,842	VALMET, INC.		YANAGASE, AKIRA	2,049,862
TACK, JOHANNES	2,120,599	VAN DEN WILDENBERG, ADRIANUS MARTINUS MARIA	2,208,758	YANAI, HIDEYUKI	2,269,058
TAGAWA, YOSHINORI	2,311,842	VAN OUWERKERK, CORNELIS	2,132,214	YANAI, TOSHIMI	2,049,862
TAIT, WILLIAM CHARLES	2,136,752	VANDEWINCKEL, JEFFREY M.	2,264,801	YANKE, LINDSEY JAY	2,257,101
TAKADA, HIROTAKA	2,183,448	VENIVEE, INC	2,161,151	YANO, MITSUO	2,169,737
TALBOT, FRANCOIS	2,136,499	VENTURIN, JOHN GERARD	2,083,905	YEOM, JAE HEUNG	2,288,682
TALBOT, FRANCOIS	2,138,939	VERHAAGEN, CASPAR	2,132,214	YOON, SOON YOUNG	2,288,682
TANAKA, HIDEAKI	2,088,330	VEST, JAN ERIK	2,321,238	YOUNG, JAMES W.	2,112,487
TANAKA, MITSU HARU	2,247,061	VETCO PIPELINE SERVICES, INC.	2,085,048	YOUNG, ROBERT N.	2,037,975
TANAKA, NORIHIRO	2,302,951	VIASAT, INC.	2,296,091	YUVA, NUSRET	2,096,287
TANG, CHING WAN	2,085,446	VICK, ALBERT JAMES	2,195,000	ZAUN, RICHARD DAVID	2,278,880
TARNANEN, TEEMU	2,247,449	VOLZ, ANDREAS	2,271,075	ZEISLOFT, JANE M.	2,223,897
TARNANEN, TEEMU	2,247,449	VON SACKEN, ULRICH	2,163,187	ZHOU, LUMING	2,257,101
TATEYAMA, JIRO	2,229,472	WADA, NOBUYUKI	2,262,198		
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TAYLOR, DENNIS M.	2,317,663	WAIS-MED LIMITED	2,135,099		
TAYLOR, WESLEY L.	2,308,515	WAKAYAMA, TOKIYUKI	2,269,058		
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TELEFONAKTIEBOLAGET LM ERICSSON	2,238,332	WALKER, HOPETON	2,326,267		
TELLER, THOMAS G.	2,293,200	WAMPRECHT, CHRISTIAN	2,096,803		
TERHO, MIKKO	2,247,449	WANG, SPENCER	2,326,267		
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THAT CORPORATION	2,233,879	WATANABE, MAKOTO	2,311,842		
THE BOC GROUP PLC	2,061,151	WATANABE, YOSHITANE	2,099,906		
THE BROKEN HILL PROPRIETARY COMPANY LIMITED	2,235,033				

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ABRAMCHUK, HEORHI	2,405,449	AVENTIS BEHRING GMBH	2,404,045	BTG MANUFACTURING INC.	2,358,021
ACRES GAMING		AVENTIS PHARMA S.A.	2,357,987	BUCHANAN, MICHAEL J.	2,403,645
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AGRESTI, DAVID	2,403,645	BAERLOCHER, ANTHONY J.	2,405,357	BUNDER GLAS GMBH	2,405,605
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ALCATEL CANADA INC.	2,357,931	BARKELL, PAUL	2,398,450	CAMPBELL, JOHN	2,403,415
ALCATEL CANADA INC.	2,357,932	BARTLETT, EDWIN C.	2,405,455	CANNON, LEE E.	2,405,217
ALCATEL CANADA INC.	2,357,939	BASF CORPORATION	2,405,376	CANON KABUSHIKI KAISHA	2,405,677
ALCATEL CANADA INC.	2,357,944	BAUER NIKE HOCKEY INC.	2,357,690	CARDINAUD, SYLVAIN	2,357,906
ALCATEL CANADA INC.	2,358,019	BAULIER, DOMINIQUE	2,404,591	CARPINO, PHILIP ALBERT	2,405,342
ALCATEL CANADA INC.	2,358,027	BEAR ARCHERY LLC	2,394,383	CARRIL, DANIEL	2,399,481
ALCATEL CANADA INC.	2,358,034	BECK, DAVID	2,405,374	CASHCODE COMPANY INC.	2,357,922
ALCATEL CANADA INC.	2,358,037	BECK, DAVID	2,405,427	CASHCODE COMPANY INC.	2,357,930
ALCATEL CANADA INC.	2,358,038	BECKER, THEODORE A.	2,404,838	CATTANEO, STEFANO	2,405,581
ALCON, INC.	2,401,935	BECTON, DICKINSON AND		CECCHI, STEFANO	2,405,581
ALDERBORN, ANDERS	2,357,572	COMPANY	2,398,450	CEREJA, NEVTON	2,405,627
ALELES, MARGARET A.	2,404,561	BELNAP, LYNN L.	2,373,415	CHALHOUB, NADER	2,357,987
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LTD.	2,358,084	BERKENBOSCH, LYLE J.	2,404,213	CHEN, ALICK	2,405,391
AMERICAN WATER WORKS		BERKOPEC, WILLIAM E.	2,405,135	CHEN, COLIN C.	2,405,334
COMPANY, INC.	2,357,994	BERU AG	2,403,820	CHENG, ALICK	2,405,631
AMTECH AERONAUTICAL		BIALECKI, DENNIS	2,405,331	CHEUNG, DOMINIC DOUGH-	
LIMITED	2,404,812	BIERMAN, ROBERT		MING	2,404,276
ANCHOR GAMING	2,404,178	MICHAEL	2,357,988	CHEVRON ORONITE	
ANCHOR GAMING	2,404,530	BINDER, ALBERT	2,402,616	COMPANY LLC	2,402,956
ANCHOR GAMING	2,405,217	BINDER, MIKHAIL	2,405,449	CHEVRON ORONITE	
ANDERSON, DWAYNE	2,357,747	BINETTE, JUDE	2,358,038	COMPANY LLC	2,402,958
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		ROGER	2,404,010	SOLUTIONS, INC.	2,375,732

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CONELLY FINANCIAL LTD.	2,386,026	ESPADA AVENTIN, ELENA	2,404,899	GORDON, DAVID M.	2,404,795
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ILLINOIS TOOL WORKS INC.	2,399,188	KAWASAKI, SHINJI	2,399,481	LELA, GARY J.	2,394,447
ILLINOIS TOOL WORKS INC.	2,401,641	KAZAZIS, CHRISTOFOROS	2,404,847	LELY ENTERPRISES AG	2,403,742
ILLINOIS TOOL WORKS INC.	2,404,661	KEAR, KATHLEEN D.	2,390,444	LELY ENTERPRISES AG	2,404,813
ILLINOIS TOOL WORKS INC.	2,405,187	KELLAND, MICHAEL	2,405,391	LELY ENTERPRISES AG	2,404,899
ILLINOIS TOOL WORKS INC.	2,405,203	KHALLAD, ABRAHAM	2,357,841	LELY ENTERPRISES AG	2,405,139
IMEX CO., LTD.	2,403,414	KHATTAB, MOHAMED A.	2,358,833	LEMONNIER, FRANCOIS	2,357,906
INDGE, DONALD	2,403,645	KIELLAND, PETER JOHANN	2,405,877	LI, JING-FENG	2,377,340
INFINEUM INTERNATIONAL LIMITED	2,405,648	KIERANEN, CARL B.	2,405,324	LI, YONG	2,358,083
INFINEUM INTERNATIONAL LIMITED	2,405,650	KIKUCHI, HIDEAKI	2,372,945	LIFESCAN, INC.	2,405,211
INNICOR SUBSURFACE TECHNOLOGIES INC.	2,357,884	KIM, JONG HO	2,405,211	LIGHTSTONE, SAM S.	2,357,937
INOUE, AKIHISA	2,379,744	KIM, PHUONG	2,405,447	LIMA, JOSEPH V.	2,392,263
INSTITUT PASTEUR	2,357,906	KIM, SEONG-SUE	2,372,945	LIMA, JOSEPH V.	2,395,000
INTERNATIONAL GAME TECHNOLOGY	2,404,028	KIM, SOO KWANG	2,404,983	LIMA, JOSEPH V.	2,396,801
INTIER AUTOMOTIVE INC.	2,405,341	KINOSHITA, SHINJI	2,357,994	LITTKE, JERRY DEAN	2,396,321
INVENTIO AG	2,404,677	KIRWAN, KEVIN B.	2,405,449	LITTON SYSTEMS, INC.	2,404,213
IPG FIBERTECH S.R.L.	2,405,581	KISHLANSKY, LEV	2,403,061	LOCKHEED MARTIN CORPORATION	2,404,847
ISHIGAMI, MAKOTO	2,379,005	KITAGISHI, YASUSHI	2,404,547	LOGAN FABRICOM LIMITED	2,405,653
ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD.	2,404,547	KITAZAWA, YUKIHITO		LOPEZ, JONATHAN	2,405,187
ITF TECHNOLOGIES		KLEINBERG, WILLIAM THOMAS	2,400,271	LOPEZ, JONATHAN	2,405,203
OPTIQUES INC.- ITF		KLINEDINST, KEITH A.	2,399,481	LORD, GARFIELD R.	2,357,907
		KLING, MICHAEL R.	2,396,623	L'OREAL	2,404,782
		KLING, MICHAEL R.	2,396,641	L'OREAL	2,405,024
		KLIOZE, SOLOMON SAMUEL	2,404,723		
		KO, JUNG-WAN	2,405,647		
		KOBAYASHI, MASAHIRO	2,405,387		
		KOBAYASHI, NORIYUKI	2,379,005		

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LUMI-LITE CANDLE COMPANY, INC.	2,401,296	MORAN, LEONARD	2,405,467	OLYMPIA ENGINEERING LIMITED	2,405,449
LUMI-LITE CANDLE COMPANY, INC.	2,401,476	MORAWSKI, JANUSZ	2,358,597	OMERAGIC, DZEVAT	2,400,581
LYYTINEN, MARKKU	2,404,710	MORI, KUNIO	2,404,841	ONIPCHENKO, OLEKSANDR	2,357,922
MACKLIN, MICHAEL B.	2,403,645	MORISHIMA, MAKOTO	2,372,771	ONIPCHENKO, OLEKSANDR	2,357,930
MACVITTIE, MICHAEL	2,404,530	MORRELL, LAURENCE	2,405,653	OOMMEN, JOHN B.	2,358,048
MANCINO, TONY	2,358,138	MOSAID TECHNOLOGIES INCORPORATED	2,364,477	OSRAM SYLVANIA INC.	2,392,263
MANCUSO, PAUL F.	2,404,795	MOSKOWITZ, WARREN	2,399,896	OSRAM SYLVANIA INC.	2,394,989
MANFREDI, VINCENT S.	2,403,467	MUELLER, MICHAEL A.	2,403,415	OSRAM SYLVANIA INC.	2,394,999
MARKOV, ALEXANDER B.	2,404,812	MUKOYAMA, ATSUSHI	2,404,983	OSRAM SYLVANIA INC.	2,395,000
MARONEY, ANDREW V.	2,404,895	MULLEN, WALTER THOMAS	2,404,010	OSRAM SYLVANIA INC.	2,395,024
MARSHALL, RICHARD E.	2,402,583	MULLER, STEVEN D.	2,405,455	OSRAM SYLVANIA INC.	2,395,157
MARTIN, CHARLES N.	2,357,902	MULLET, WILLIS J.	2,400,129	OSRAM SYLVANIA INC.	2,396,623
MARTIN, TRENT	2,382,253	MURAMATSU, FUMIKAZU	2,405,275	OSRAM SYLVANIA INC.	2,396,641
MASCARI, NICHOLAS A.	2,404,215	MURPHY, MARK V.	2,382,935	OSRAM SYLVANIA INC.	2,396,669
MASUYAMA, FUJIMITSU	2,405,387	NAGLE, JAN ALAN	2,402,921	OSRAM SYLVANIA INC.	2,396,801
MATIAS, CALIN	2,405,334	NAGY, DERRICK	2,357,932	OSRAM SYLVANIA INC.	2,396,813
MATSUURA, HIROSHI	2,369,798	NAKAGAWA, NOBUYA	2,405,275	OSRAM SYLVANIA INC.	2,399,348
MATTICE, HAROLD	2,404,177	NAKAMURA, YUSUKE	2,399,569	OSRAM SYLVANIA INC.	2,399,481
MAUCHLE, FELIX	2,404,757	NAKANO, TAKASHI	2,404,453	OSRAM SYLVANIA INC.	2,399,747
MAURY, JULIEN	2,404,677	NAKAO, KAZUWA	2,398,030	OSRAM SYLVANIA INC.	2,399,777
MAYTAG CORPORATION	2,404,838	NAKAYA, YOSHINORI	2,405,186	OSRAM SYLVANIA INC.	2,399,778
MCALLISTER, LAWRENCE LAWSON	2,404,718	NASU, HIDEYUKI	2,405,651	OSRAM SYLVANIA INC.	2,399,896
MCBENNETT, MICHAEL C.	2,397,515	NATIONAL STEEL CAR LIMITED	2,357,841	OTSUKA PHARMACEUTICAL CO., LTD.	2,379,005
MCNEE, CAROLYN	2,358,084	NELLES, DAVID EDWARD	2,357,988	OTSUKA, TATSUHIRO	2,405,447
MCNEIL-PPC, INC.	2,404,837	NELSON, KENNETH D.	2,402,956	OVERAKER, DAVID	2,405,460
MCNEIL-PPC, INC.	2,405,190	NELSON, KENNETH D.	2,402,958	OVERAKER, DAVID W.	2,405,601
MCNEIL-PPC, INC.	2,405,530	NEUSTADTER, UDO MIRCEA	2,357,988	OVERTURE SERVICES INC.	2,404,276
MEAD, DENNIS K.	2,405,640	NEVEU, JEAN-LOUIS	2,404,559	OWEN, YOLANDA	2,405,650
MEAD, RANDALL D.	2,359,170	NEWBY, C. MARK	2,398,450	PAHL, BIRGER	2,405,135
MELHEM, WASSIM	2,357,969	NEWNES, WILLIAM R.	2,357,815	PAN, LYDIA CODETTA	2,405,342
MERO, MICHAEL R., JR.	2,402,583	NGK INSULATORS, LTD.	2,405,379	PAPPAS, GEORGE G.	2,401,296
MERTINS, KARL-HEINZ O.	2,396,321	NGUYEN, HEIN	2,404,837	PAPPAS, GEORGE G.	2,401,476
MESSIER, GEOFFREY G.	2,405,322	NIEN MADE ENTERPRISE CO., LTD.	2,357,926	PARHAM, MICHAEL O.	2,399,932
METSO PAPER, INC.	2,404,710	NIEN MADE ENTERPRISE CO., LTD.	2,357,956	PARK, IN-SIK	2,405,447
MEZZANINE SERVICES INC.	2,404,067	NIEN, MING	2,357,926	PARSONS, CECIL LORNE	2,357,969
MICKELSON, SAMMY K.	2,404,213	NILSEN, MARTIN J.	2,401,641	PASSINI, REINALDO	2,404,010
MIDDAUGH, RICHARD L.	2,405,608	NIPPON SHEET GLASS CO., LTD.	2,405,646	PATENT-TREUHAND- GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH	2,404,833
MIDDLEMISS, STEWART	2,373,415	NISHI, YASUHIRO	2,405,651	PATENT-TREUHAND- GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH	2,404,835
MIDHA, KAMAL K.	2,405,202	NISHIHARA, YOSHIAKI	2,357,985	PEARSON, NICOLAS	2,395,000
MIDWEST THERMAL SPRAY	2,404,979	NISHIKAWA, SATOSHI	2,403,061	PEARSON, TIMOTHY B.	2,404,661
MILLER, CHARLES R.	2,404,530	NISHIMOTO, SHIN	2,404,453	PEARSON, TIMOTHY B.	2,405,187
MILLER, ROBERT RAYMOND II	2,404,412	NISHIOKA, YOSHIHIRO	2,379,005	PEIRCE MANAGEMENT, LLC	2,405,202
MILLER, WAYNE	2,398,869	NOETIC ENGINEERING INC.	2,357,883	PEKARY, DAVE	2,390,444
MILOS, PATRICE MARIE	2,404,723	NOMURA, TAKEHIKO	2,405,651	PERRY, ROBERT	2,398,869
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MINERBO, GERALD N.	2,400,581	NORTEL NETWORKS LIMITED	2,404,895	PETERSEN, DAVID E.	2,402,921
MISHRA, KAILASH C.	2,394,989	NORTEL NETWORKS LIMITED	2,405,180	PETERSON, RICHARD CURWOOD	2,399,197
MISUMI, YOSHITERU	2,405,380	NOURSE, JAMES D.	2,405,516	PETIGNY, SYLVAIN	2,401,483
MITEL KNOWLEDGE CORPORATION	2,405,210	NOWAKOWSKI, JOLANTA	2,405,328	PETRO-CANADA	2,405,391
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,404,453	OATES, PETER JOSEPH	2,404,723	PETTIT, DEAN	2,382,935
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,405,186	OBEDA, PAUL DAVID	2,357,988	PFEILSCHIFTER, THOMAS	2,403,552
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,405,275	OBER, ROBERT DEAN	2,405,376	PFIRRMANN, ROLF W.	2,405,378
MITSUBISHI HEAVY INDUSTRIES, LTD.	2,405,387	O'CONNELL, TOM	2,404,727	PFIZER PRODUCTS INC.,	2,404,848
MIZUNO, HIROYUKI	2,394,920	O'CONNELL, TOM	2,404,745	PFIZER PRODUCTS INC.,	2,405,328
MOEN INCORPORATED	2,404,215	OHARA, SHUICHI	2,372,771	PFIZER PRODUCTS INC.,	2,405,342
MOODY, JOHN R.	2,405,980	OHMURA, YOSHINORI	2,405,178	PFIZER PRODUCTS, INC	2,404,723
		OHNO, TAKEHIRO	2,383,808		
		OKADA, SHOJI	2,404,640		

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PICKERING, JEREMY	2,370,585	SAMSUNG ELECTRONICS CO., LTD.	2,405,447	STRICKLAND, KEITH	2,405,648
PICKERING, MARK A.	2,404,838	SAMSUNG ELECTRONICS CO., LTD.	2,405,647	SUDA, SATOSHI	2,398,209
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PIKE, DION	2,357,939	SATO, MASAHIKO	2,405,324	SUMITOMO CHEMICAL COMPANY, LIMITED	2,366,414
PIKE, DION	2,357,944	SAWAI, SEIICHI	2,405,654	SUMITOMO ELECTRIC INDUSTRIES, LTD.	2,377,340
PIKE, DION	2,358,019	SAWAI, SEIICHI	2,405,655	SUMITOMO ELECTRIC INDUSTRIES, LTD.	2,395,148
PIKE, DION	2,358,034	SCHALLER, WILLIAM	2,357,932	SURJAATMADJA, JIM B.	2,405,391
PIKE, DION	2,358,037	SCHICK, PAUL	2,405,757	SURJAATMADJA, JIM B.	2,405,608
POCHIN, JOHN PAUL	2,398,869	SCHLUMBERGER CANADA LIMITED	2,399,527	SURJAATMADJA, JIM B.	2,405,631
POLIFKA, FRANCIS D.	2,357,938	SCHLUMBERGER CANADA LIMITED	2,400,581	SWEI, GWO SHIN	2,401,483
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PRASAD, HIMAMSHU	2,399,896	SCHNEIDER, JOHN H.	2,399,188	SZYMCZAK, CHRISTOPHER E.	2,405,530
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RIFFEL, BRIAN T.	2,405,357	SMITH INTERNATIONAL, INC.	2,373,415	THE FURUKAWA ELECTRIC CO., LTD.	2,405,651
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JONES, BEN, W.	2,413,965	KERSLAKE, EDWARD D.S.	2,416,169	KRAMER, AXEL	2,419,080
JONES, CLAUDE D.	2,413,531	KGHM POLSKA MIEDZ S.A.	2,418,980	KRAS, STEPHEN B.	2,418,015
JONES, DAVID LLEWELLYN	2,413,496	KHAIT, KLEMENTINA	2,417,995	KRAUSE, HANS-PETER	2,417,325
JONES, JOHN	2,418,917	KHALIL, OMAR S.	2,417,461	KRAUSE, HANS-PETER	2,417,469
JONES, JOSEPH	2,416,621	KHAN, FARRAH A.	2,419,342	KRAUSE, HEINZ GUNTER	2,417,677
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		KIM, TAE-YUN	2,416,707	KUME, TOSHIYUKI	2,418,054
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		KIMBERLY, LAWRENCE W.	2,419,049	KURT, MEHMET	2,414,006
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		KINDSVOGEL, WAYNE R.	2,418,950	KUWADA, TAKESHI	2,417,319
		KING, ADAM	2,417,993	KVIETOK, FRANK ANDREJ	2,416,626
		KING, HARRY M.	2,416,566	KVIETOK, FRANK ANDREJ	2,416,696
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PECQUET, CHRISTELLE	2,416,673	PRESIDENT AND FELLOWS OF		RODRIGUEZ, PEDRO ANTONIO	2,416,626
PEDERSEN, POUL ERIK	2,419,860	HARVARD COLLEGE	2,417,992	RODRIGUEZ, PEDRO ANTONIO	2,416,696
PEDERSEN, POUL ERIK	2,419,896	PRESTWICH, GLENN D.	2,416,698	ROFSKY, BRUCE	2,417,729
PENTZ, RICHARD	2,417,729	PRINDLE, GORDON E.	2,416,723	ROGNHAUG, JACOB SOMMING	2,416,905
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PERALTA, CAREYNA H.	2,419,943	PROVINCIA ITALIANA DELLA		ROHM GMBH & CO. KG	2,418,316
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PERELLO GARCIA, CARLES	2,418,253	FIGLI		ROMER, MICHAEL	2,416,977
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PEREZ GUTIERREZ, XIOMARA	2,416,731	CONCEZI ONE - ISTITUTO		ROOSE, PETER	2,413,463
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PERRIN, ELISABETH	2,416,673	PURDUE RESEARCH		ROSEN, CRAIG A.	2,420,134
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	2,415,773	PURI, SUNIL KUMAR	2,413,775	ROSMORDUC, OLIVIER	2,417,963
PETEREIT, HANS-ULRICH	2,418,316	QUALCOMM INCORPORATED	2,414,090	ROSS, TINA MORGAN	2,419,030
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PFIZER INC.	2,418,908	QUALILIFE		ROUSSIASSE, SONIA	2,417,836
PFIZER PRODUCTS INC.,	2,420,071	PHARMACEUTICALS INC.	2,417,552	ROUVIERE, PIERRE E.	2,417,261
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COMPANY	2,413,762	RADIOLOGICAL IMAGING		ROWLANDS, DAVID ALAN	2,417,475
PHARMACIA & UPJOHN		TECHNOLOGY INC.	2,418,232	ROY, JEAN-ROY	2,416,618
COMPANY	2,416,563	RAHBEK, JANNE ULDAL	2,418,353	ROY, SHUVO	2,418,129
PHARMACIA & UPJOHN		RAHMES, MARK	2,419,250	RUBIE, PETER	2,417,938
COMPANY	2,416,566	RAMEL, GILLES	2,413,935	RUBIE, PETER	2,418,781
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PHARMACIA CORPORATION	2,419,256	LIMITED	2,416,695	RUDOLPH, ALFRED R.	2,418,085
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