

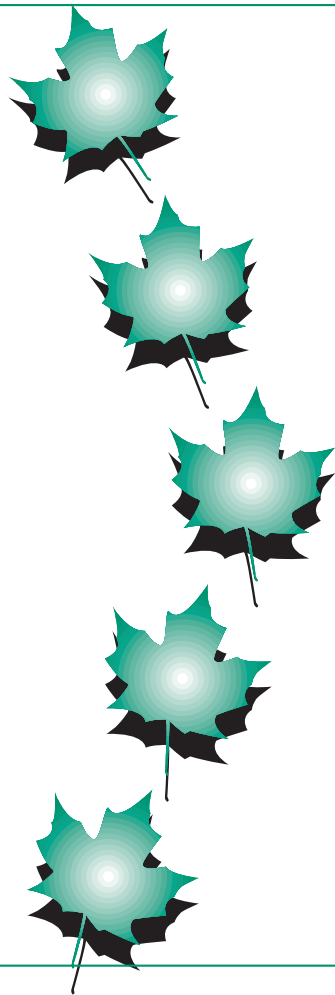


**Canadian  
Intellectual Property  
Office**

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Industry Canada

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**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

Vol. 131, No. 20 May 20, 2003

Vol. 131, N° 20 le 20 mai 2003

**Canada**

CIPO  OPIC

# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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

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

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

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## Notices

### 1. Dates and Code Numerals Appearing in Patent Headings

#### Dates

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

#### Code Numerals

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

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

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
  
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
  
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

## Avis

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

#### Dates

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

#### Chiffres de code

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

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris
- [41] - Date de mise à la disposition publique
- [45] - Date de délivrance
- [48] - Date de redélivrance
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

## 2. Country Code

A complete list of country codes has been published in the issue of April 29, 2003 and will be published twice a year in the last issues of April and October.

## 3. Canadian Class Titles

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

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

## 4. Class Schedules and Definitions

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

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

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

## 2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 29 avril 2003 et sera republiée deux fois par année dans le dernier numéro des mois d'avril et d'octobre.

## 3. Liste des classes canadiennes

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

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

## 4. Listes et définitions des classes

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

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

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en visitant notre site web à l'adresse suivante [www.strategis.ic.gc.ca/brevetscommande](http://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](http://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

2,243,232

2,262,277

2,266,158

### 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.

2,243,232

2,262,277

2,266,158

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

### 12. Langue du document publié

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

## Notices

### 13. Patent Cooperation Treaty (PCT)

#### SCHEDULE OF FEES APPLICABLE AS OF APRIL 15, 2003

1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b>	730.00
Amount for each additional sheet over 30	17.00
3. <b>Designation Fee:</b> (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. <b>International Search Fee</b>	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. <b>Late Payment Fee</b>	50% of the fees that are due, or, Minimum: Transmittal Fee Maximum: Basic Fee
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#### Preliminary Examination

6. <b>Handling Fee:</b> (Rule 57.2(a))	159 Euro Dollars
7. <b>Preliminary Examination Fee:</b> (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. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b>	730,00
Montant pour chaque feuille au delà de 30	17,00
3. <b>Taxe de désignation</b> (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. <b>Taxe de recherche internationale</b>	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. <b>Taxe pour paiement tardif</b>	50% du montant impayé, ou, Minimum: taxe de transmission Maximum: taxe de base
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#### Examen préliminaire

6. <b>Taxe de traitement:</b> (Règle 57.2(a))	159 dollars euro
7. <b>Taxe d'examen préliminaire:</b> (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](mailto:publications.mail@wipo.int) or visit their website at <http://www.wipo.int>.

### 15. Canadian Laid-Open Applications

The Patent Office Record of May 20, 2003 contains laid-open applications from April 27, 2003 - May 3, 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](mailto: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 27 avril 2003 - 3 mai 2003

# Canadian Patents Issued

May 20, 2003

## Brevets canadiens délivrés

20 mai 2003

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[11] **2,018,110**  
[13] C

[51] **Int.Cl. 5C08J 3/24**  
[25] EN  
[54] **ABSORBENT POLYMERS AND THEIR PRODUCTION**  
[54] **POLYMERES ABSORBANTS ET METHODE DE FABRICATION DESDITS POLYMERES**  
[72] JOHNSON, IAN M., GB  
[73] CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED, GB  
[22] 1990-06-01  
[30] GB (8912600.7) 1989-06-01

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[11] **2,035,294**  
[13] C

[51] **Int.Cl. 5C09K 11/02 5C09K 11/54**  
[25] EN  
[54] **ENCAPSULATED ELECTROLUMINESCENT PHOSPHOR AND METHOD FOR MAKING SAME**  
[54] **LUMINOPHORE ELECTROLUMINESCENT ENCAPSULE ET METHODE DE FABRICATION DE CE LUMINOPHORE**  
[72] BUDD, KENTON D., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[22] 1991-01-30  
[30] US (514,440) 1990-04-25

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[11] **2,046,014**  
[13] C

[51] **Int.Cl. 7A61K 9/70 5A61M 37/00 7A61K 31/7042**  
[25] EN  
[54] **REDUCTION OR PREVENTION OF SKIN IRRITATION BY DRUGS**  
[54] **REDUCTION OU PREVENTION DES IRRITATIONS CUTANÉES CAUSEES PAR DES MEDICAMENTS**  
[72] CORMIER, MICHEL J-N, US  
[72] LEDGER, PHILIP W., US  
[72] AMKRAUT, ALFRED, US  
[73] ALZA CORPORATION, US  
[22] 1991-06-28  
[30] US (07/549,584) 1990-07-06

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[11] **2,023,282**  
[13] C

[51] **Int.Cl. 5B24D 5/06**  
[25] EN  
[54] **PULPSTONE**  
[54] **MEULE DE DEFIBREUR**  
[72] BACIC, DAN D., CA  
[73] SAINT-GOBAIN ABRASIVES, INC., US  
[22] 1990-08-15  
[30] US (427,430) 1989-10-27

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[11] **2,038,502**  
[13] C

[51] **Int.Cl. 5C08F 2/18 5C08F 299/00**  
[25] EN  
[54] **PROCESS FOR MAKING CONTROLLED, UNIFORM-SIZED PARTICLES IN THE 1 TO 50 MICROMETER RANGE**  
[54] **METHODE DE PRODUCTION CONTROLLEE DE PARTICULES DE DIMENSION UNIFORME DE L'ORDRE DE 1 A 50 MICROMETRES**  
[72] FRAZZA, MARK STEPHEN, US  
[72] HO, KIM SANG, US  
[72] RANEY, ROBERT RUSSEL, US  
[72] VOGEL, MARTIN, US  
[72] KOWALSKI, ALEXANDER, US  
[73] ROHM AND HAAS COMPANY, US  
[22] 1991-03-18  
[30] US (497,377) 1990-03-22  
[30] US (662,872) 1991-03-08

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[11] **2,051,450**  
[13] C

[51] **Int.Cl. 5A61M 25/00**  
[25] EN  
[54] **PRESSURE RESPONSIVE VALVE CATHETER**  
[54] **SONDE A ROBINET SENSIBLE A LA PRESSION**  
[72] APPLING, WILLIAM M., US  
[72] BOOKSTEIN, JOSEPH J., US  
[72] HOBBS, EAMONN, US  
[72] RECINELLA, DANIEL K., US  
[72] ZIMMET, ARTHUR L., US  
[73] ANGIODYNAMICS, INC., US  
[22] 1991-09-16  
[30] US (583,466) 1990-09-17  
[30] US (741,124) 1991-08-07

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[11] **2,034,138**  
[13] C

[51] **Int.Cl. 5B65G 47/91**  
[25] EN  
[54] **GRIPPING HEAD FOR LOADING PACKAGES INTO CRATES**  
[54] **TETE DE PREHENSION POUR LA MISE EN CAISSE DE PAQUETS**  
[72] HAKANSSON, BENGT, SE  
[73] TETRA LAVAL HOLDINGS & FINANCE, S.A., CH  
[22] 1991-01-18  
[30] US (603,387) 1990-10-26

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[11] **2,054,495**  
[13] C

[51] **Int.Cl. 5C08G 18/66 5C08J 9/00**  
[25] EN  
[54] **FOAMED POLYUREA ELASTOMER**  
[54] **MOUSSE D'ELASTOMERE DE POLYUREE**  
[72] PRIMEAUX, DUDLEY J., II, US  
[73] HUNTSMAN PETROCHEMICAL CORPORATION, US  
[22] 1991-10-29  
[30] US (07/652,954) 1991-02-08

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[11] **2,058,322**  
[13] C

[51] **Int.Cl. 5H02H 3/08**  
[25] EN  
[54] **CIRCUIT BREAKER COMPRISING A CARD INTERFACING WITH A TRIP DEVICE**  
[54] **DISJONCTEUR DOTE D'UNE CARTE D'INTERFACE AVEC UN DISPOSITIF DE DECLenchEMENT**  
[72] CORCOLES, VINCENT, FR  
[72] TEDESCHI, CHRISTIAN, FR  
[72] DELVECCHIO, ALAIN, FR  
[72] FRAISSE, DIDIER, FR  
[73] MERLIN GERIN, FR  
[22] 1991-12-23  
[30] FR (9016403) 1990-12-26

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[11] **2,059,038**  
[13] C

[51] **Int.Cl. 5D06M 13/224**  
[25] EN  
[54] **BIODEGRADABLE FABRIC SOFTENING COMPOSITIONS BASED ON PENTAERYTHRITOL ESTERS AND FREE OF QUATERNARY AMMONIUM COMPOUNDS**  
[54] **COMPOSITIONS BIODEGRADABLES POUR L'ASSOUPLISSEMENT DE TISSUS, A BASE D'ESTERS DE PENTAERYTHRITOL, MAIS EXEMPTS DE COMPOSES D'AMMONIUM QUATERNAIRE**  
[72] PUENTES-BRAVO, EDUARDO, BE  
[72] HERMOSILLA, ANITA, BE  
[72] GRANDMAIRE, JEAN-PAUL, BE  
[72] TACK, VIVIANE, BE  
[73] COLGATE-PALMOLIVE COMPANY, US  
[22] 1992-01-08  
[30] US (638,945) 1991-01-09

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[11] **2,062,223**  
[13] C

[51] **Int.Cl. 5A61F 7/00**  
[25] EN  
[54] **CONVECTIVE HYPERTHERMIA ARTICLE**  
[54] **APPAREIL DE TRAITEMENT DE L'HYPERTHERMIE PAR UN PROCEDE DE CONVECTION**  
[72] BERKE, LEONARD D., US  
[73] CINCINNATI SUB-ZERO PRODUCTS, INC., US  
[22] 1992-03-03  
[30] US (663,555) 1991-03-04

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[11] **2,062,225**  
[13] C

[51] **Int.Cl. 5A61F 2/32 5A61B 17/56**  
[25] EN  
[54] **FEMORAL HEAD REMODELING AND FEMORAL INSERT AND DRILLING AID THEREFOR**  
[54] **REMODELAGE DE LA TETE DU FEMUR ET DISPOSITIF D'INSERTION ET AIDE POUR LE PERCAGE**  
[72] HALPERN, ALAN A., US  
[73] BRISTOL-MYERS SQUIBB COMPANY, US  
[22] 1992-03-03  
[30] US (07/663,717) 1991-03-04

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[11] **2,062,305**  
[13] C

[51] **Int.Cl. 5B63C 11/02 5B63C 11/04**  
[25] EN  
[54] **NECK SEAL**  
[54] **GARNITURE CERVICALE**  
[72] FARNWORTH, BRIAN, CA  
[72] SHEU, PING YIN, CA  
[73] M.E.T.A. RESEARCH INC., CA  
[22] 1992-03-04

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[11] **2,063,971**  
[13] C

[51] **Int.Cl. 5C09D 5/03 5C09D 163/00 5C09D 167/00**  
[25] EN  
[54] **HARDENERS FOR POWDER COATING COMPOSITIONS BASED ON POLYESTER RESINS**  
[54] **DURCISSEURS POUR COMPOSITIONS DE REVETEMENT EN POUVRE A BASE DE RESINES POLYESTER**  
[72] COTTING, JACQUES-ALAIN, CH  
[72] GOTTIS, PHILIPPE, FR  
[73] VANTICO AG, CH  
[22] 1992-03-25  
[30] CH (939/91-0) 1991-03-27

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[11] **2,070,524**  
[13] C

[51] **Int.Cl. 5C07D 339/08 5C07C 403/14 5A61K 31/385 5A61K 7/48**  
[25] FR  
[54] **RETINOIDES SUBSTITUES PAR UN CYCLE DITHIANE ET LEUR UTILISATION, PROCEDEDE PREPARATION DESDITS COMPOSES, COMPOSITIONS COSMETIQUE ET PHARMACEUTIQUE LES CONTENANT ET UTILISATION THERAPEUTIQUE DE CETTE DERNIERE**  
[54] **RETINOIDS SUBSTITUTED BY A DITHIANE CYCLIC AND THEIR USE, PROCESS FOR THE PREPARATION OF THESE COMPOUNDS, COSMETIC AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM AND THERAPEUTICAL USE OF SAID COMPOSITIONS**  
[72] SOLLADIE, GUY, FR  
[72] BERL, VALERIE, FR  
[72] MAIGNAN, JEAN, FR  
[73] L'OREAL, FR  
[22] 1992-06-04  
[30] FR (91.07292) 1991-06-14

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[11] **2,070,809**  
[13] C

[51] **Int.Cl. 5C08L 71/10 5C08K 5/22 5C08J 3/24**  
[25] EN  
[54] **CROSSLINKABLE FLUORINATED POLYMER COMPOSITIONS**  
[54] **COMPOSITIONS DE POLYMERES FLUORES RETICULABLES**  
[72] MERCER, FRANK W., US  
[72] GOODMAN, TIMOTHY D., US  
[72] LAU, ALDRICH N. K., US  
[72] VO, LANCHI P., US  
[73] HONEYWELL INTERNATIONAL INC., US  
[85] 1992-06-05  
[86] 1990-12-07 (PCT/US1990/007213)  
[87] (WO1991/009081)  
[30] US (447,750) 1989-12-08  
[30] US (510,353) 1990-04-17  
[30] US (510,386) 1990-04-17  
[30] US (583,897) 1990-09-17

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[11] **2,071,350**  
[13] C

[51] **Int.Cl. 5C04B 35/84**  
[25] EN  
[54] **A METHOD OF MAKING PARTS OUT OF AN ALUMINA MATRIX COMPOSITE MATERIAL**  
[54] **UNE METHODE POUR L'OBTENTION DE PIECES EN MATERIAU COMPOSITE A MATRICE D'ALUMINE**  
[72] ASTIER, JEAN-PIERRE, FR  
[72] BERTONE, CHRISTIAN, FR  
[72] ROCHER, JEAN-PHILIPPE, FR  
[73] SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "SNEC MA", FR  
[22] 1992-06-16  
[30] FR (9107393) 1991-06-17

[11] **2,072,479**  
[13] C

[51] **Int.Cl. 5D21C 11/00 5D21C 3/02**  
[25] EN  
[54] **BATCH PROCESS FOR PREPARING KRAFT PULP**  
[54] **PROCEDE DISCONTINU DE PREPARATION DE PATE KRAFT**  
[72] HILJANEN, SEPPO T., FI  
[72] TIKKA, PANU O., FI  
[73] METSO PAPER PORI OY, FI  
[22] 1992-06-26  
[30] FI (913160) 1991-06-28

[11] **2,074,594**  
[13] C

[51] **Int.Cl. 5E21B 49/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING A POROSITY LOG OF A SUBSURFACE FORMATION CORRECTED FOR DETECTOR STANDOFF**  
[54] **METHODE ET APPAREIL DE PRODUCTION D'UN DIAGRAMME DE POROSITE D'UNE FORMATION SUBSURFACIELLE CORRIGE POUR TENIR COMPTE DE LA DISTANCE ENTRE L'EPAULEMENT DU JOINT ET LA CALIBRE D'UNDETECTEUR**  
[72] ALLEN, LINUS SCOTT, US  
[72] LELAND, FRANK PAYNTER, US  
[72] LYLE, W. D., JR., US  
[72] STROMSWOLD, DAVID CHARLES, US  
[73] EXXONMOBIL OIL CORPORATION, US  
[22] 1992-07-24  
[30] US (734,835) 1991-07-24

[11] **2,074,663**  
[13] C

[51] **Int.Cl. 5G01N 27/04**  
[25] EN  
[54] **STEAM PURITY MONITOR**  
[54] **MONITEUR DE PURETE DE VAPEUR**  
[72] BELLOWS, JAMES CHRISTOPHER, US  
[73] WESTINGHOUSE ELECTRIC CORPORATION, US  
[22] 1992-07-24  
[30] US (736,363) 1991-07-26

[11] **2,075,695**  
[13] C

[51] **Int.Cl. 5C12P 21/08 5C12N 5/18 5A61K 39/395 5G01N 33/543 5G01N 33/577**  
[25] EN  
[54] **MONOCLONAL ANTIBODIES TO SULFONATED POLYMERS**  
[54] **ANTICORPS MONOCLONAUX DES POLYMERES SULFONES**  
[72] WETEGROVE, ROBERT L., US  
[72] WU, MING-HSIEN, US  
[72] BALAKRISHNAN, KRISHNA, US  
[73] NALCO CHEMICAL COMPANY, US  
[22] 1992-08-10  
[30] US (752,746) 1991-08-30

[11] **2,076,250**  
[13] C

[51] **Int.Cl. 5A01N 43/56 5A01H 1/02 5A01H 3/04**  
[25] EN  
[54] **POLLEN SUPPRESSANT FOR LILIOPSIDA PLANTS COMPRISING A 5-OXY-SUBSTITUTED CINNOLINE**  
[54] **SUPPRESSION DU POLLEN CHEZ LES LILIOPSIDES A L'AIDE D'UN DERIVE DE SUBSTITUTION 5-OXY DE LA CINNOLINE**  
[72] PATTERSON, THOMAS G., US  
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[22] 1992-08-17  
[30] US (07/748,412) 1991-08-22

[11] **2,076,695**  
[13] C

[51] **Int.Cl. 5F16B 7/04**  
[25] EN  
[54] **AXIALLY-ADJUSTABLE ATTACHMENT OF A ROD TO A MEMBER**  
[54] **DISPOSITIF DE LIAISON POUR TIGE DE PISTON REGLABLE DANS LA DIRECTION AXIALE**  
[72] BURDICK, WALDO E., JR., US  
[73] DRESSER-RAND COMPANY GENERAL PARTNERSHIP, US  
[22] 1992-08-26

[11] **2,076,439**  
[13] C

[51] **Int.Cl. 5H04N 1/44 5H04L 9/18**  
[25] EN  
[54] **PROCESS FOR THE TRANSMISSION AND RECEPTION OF PERSONALIZED PROGRAMS**  
[54] **METHODE DE TRANSMISSION ET DE RECEPTION DE PROGRAMMES PERSONNALISES**  
[72] COUTROT, FRANCOISE, FR  
[72] FEVRIER, PIERRE, FR  
[73] TELEDIFFUSION DE FRANCE, FR  
[73] FRANCE TELECOM, FR  
[22] 1992-08-19  
[30] FR (91 10404) 1991-08-19

[11] **2,076,908**  
[13] C

[51] **Int.Cl. 5F15D 1/00**  
[25] EN  
[54] **FLOW AND PRESSURE REDUCER**  
[54] **REDUCTEUR DE DEBIT ET DE PRESSION**  
[72] PHILLIPS, EDWARD L., CA  
[72] BRUNST, ROBERT H., CA  
[73] PHILLIPS, EDWARD L., CA  
[22] 1992-08-26

[11] **2,076,919**  
[13] C

[51] **Int.Cl. 5B01J 23/76**  
[25] EN  
[54] **CATALYST FOR PURIFYING EXHAUST GASES OF DIESEL ENGINE**  
[54] **CATALYSEUR POUR L'EPURATION DES GAZ D'ECHAPPEMENT DE MOTEURS DIESEL**  
[72] HORIUCHI, MAKOTO, JP  
[73] NIPPON SHOKUBAI CO., LTD., JP  
[22] 1992-08-28  
[30] JP (225,679/91) 1991-09-05

[11] **2,077,101**  
[13] C

[51] **Int.Cl. 5B01J 23/76**  
[25] EN  
[54] **CATALYST FOR PURIFYING EXHAUST GASES OF DIESEL ENGINE**  
[54] **CATALYSEUR POUR L'EPURATION DES GAZ D'ECHAPPEMENT DE MOTEURS DIESEL**  
[72] HORIUCHI, MAKOTO, JP  
[73] NIPPON SHOKUBAI CO., LTD., JP  
[22] 1992-08-28  
[30] JP (225,679/91) 1991-09-05

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[11] **2,078,043**  
[13] C

[51] **Int.Cl. 5C12N 15/70 5C12P 17/18  
5C12N 15/52 5C12N 15/67**  
[25] EN  
[54] **BIOTIN OPERON**  
[54] **OPERON DE LA BIOTINE**  
[72] IFUKU, OHJI, JP  
[72] HAZE, SHINITIRO, JP  
[72] KISHIMOTO, JIRO, JP  
[72] NAKAHAMA, KAZUO, JP  
[73] SHISEIDO COMPANY LTD., JP  
[73] TAKEDA CHEMICAL INDUSTRIES,  
LTD., JP  
[22] 1992-09-11  
[30] JP (3-235148) 1991-09-13

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[11] **2,080,075**  
[13] C

[51] **Int.Cl. 5G03G 5/047**  
[25] EN  
[54] **PHOTOCONDUCTOR FOR  
ELECTROPHOTOGRAPHY**  
[54] **PHOTOCONDUCTEUR POUR  
L'ELECTROPHOTOGRAPHIE**  
[72] NAKAMURA, YOICHI, JP  
[72] NOGAMI, SUMITAKA, JP  
[72] KOMIYAMA, HIDEKI, JP  
[73] FUJI ELECTRIC CO., LTD., JP  
[22] 1992-10-07  
[30] JP (259,505/1991) 1991-10-08

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[11] **2,080,679**  
[13] C

[51] **Int.Cl. 5F16B 7/00 5F16L 19/00  
5F16L 19/075**  
[25] EN  
[54] **SLIDE-PROOF SPIGOT-AND-  
SOCKET JOINT**  
[54] **JOINT A EMBOITEMENT ET  
BOUT UNI SANS GLISSEMENT**  
[72] IMHOF, ERICH, DE  
[72] BERGMANN, KARL-HEINZ, DE  
[72] VORBECK, MANFRED, DE  
[73] EISENWERKE FRIED. WILH.  
DUKER GMBH & CO., DE  
[22] 1992-10-15  
[30] DE (P 41 34 089.2) 1991-10-15

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[11] **2,080,704**  
[13] C

[51] **Int.Cl. 5A61C 5/04**  
[25] EN  
[54] **ENDODONTIC GUTTA PERCHA  
PLACEMENT**  
[54] **MISE EN PLACE DE MATIERE  
D'OBTURATION ENDODONTIQUE EN  
GUTTA-PERCHA**  
[72] ROANE, JAMES B., US  
[73] ROANE, JAMES B., US  
[22] 1992-10-16  
[30] US (785,043) 1991-10-30

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[11] **2,081,421**  
[13] C

[51] **Int.Cl. 5C09B 47/04 5C09D 5/38**  
[25] EN  
[54] **NEW SOLID SOLUTIONS OF  
COPPER PHTHALOCYANINE  
COMPOUNDS**  
[54] **SOLUTIONS SOLIDES DE  
COMPOSES A BASE DE  
PHTHALOCYANINE DE CUIVRE**  
[72] GERSON, HERMAN, US  
[72] SATTAR, ABDUL, US  
[73] BAYER CORPORATION, US  
[22] 1992-10-26  
[30] US (07/787,852) 1991-11-05

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[11] **2,084,194**  
[13] C

[51] **Int.Cl. 5A61K 9/50 5A61K 47/42  
5A61K 47/46 5A61K 47/48**  
[25] EN  
[54] **ORAL DELIVERY SYSTEMS FOR  
MICROPARTICLES**  
[54] **SYSTEME DE LIBERATION  
ORALE POUR MICROPARTICULES**  
[72] RUSSELL-JONES, GREGORY JOHN,  
AU  
[72] WESTWOOD, STEVEN WILLIAM,  
AU  
[73] ACCESS PHARMACEUTICALS  
AUSTRALIA PTY LTD., AU  
[85] 1992-11-30  
[86] 1992-04-02 (PCT/AU1992/000141)  
[87] (WO1992/017167)  
[30] AU (PK5385) 1991-04-02

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[11] **2,088,254**  
[13] C

[51] **Int.Cl. 5A61K 31/66 5A61M 37/00**  
[25] EN  
[54] **TREATMENT FOR  
HYPERCHOLESTEROLEMIA**  
[54] **TRAITEMENT DE  
L'HYPERCHOLESTEROLEMIE**  
[72] HSIA, SUNG LAN, US  
[72] HE, JIN LIN, US  
[73] UNIVERSITY OF MIAMI, US  
[85] 1993-01-27  
[86] 1991-07-30 (PCT/US1991/005267)  
[87] (WO1992/002226)  
[30] US (559,932) 1990-07-30

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[11] **2,088,287**  
[13] C

[51] **Int.Cl. 5E02D 3/12**  
[25] EN  
[54] **REINFORCING BLOCK FOR  
EXCAVATION WORK AND METHOD  
OF CONSTRUCTION THEREOF**  
[54] **PILE DE RENFORT ET METHODE  
DE CONSTRUCTION**  
[72] TATEYAMA, MASARU, JP  
[72] TAMURA, YUKIHIKO, JP  
[72] FUKUDA, KOSEI, JP  
[72] YOSHIDA, SHIGERU, JP  
[72] KAMI, CHIKASHI, JP  
[73] RAILWAY TECHNICAL RESEARCH  
INSTITUTE, JP  
[73] TOKYU CONSTRUCTION CO., LTD.,  
JP  
[73] TENOX CORP., JP  
[22] 1993-01-28  
[30] JP (4-85892) 1992-02-07  
[30] JP (4-56541) 1992-02-10  
[30] JP (4-56542) 1992-02-10  
[30] JP (4-306281) 1992-10-20

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[11] **2,090,462**  
[13] C

[51] **Int.Cl. 5C10M 169/04 5C10M 135/10 5C10M 105/38**  
[25] EN  
[54] **FUNCTIONAL FLUID WITH TRIGLYCERIDES, DETERGENT-INHIBITOR ADDITIVES AND VISCOSITY MODIFYING ADDITIVES**  
[54] **FLUIDE FONCTIONNEL RENFERMANT DES TRIGLYCERIDES, DES ADDITIFS ANTI-DETERGENT ET DES ADDITIFS MODIFIANT LA VISCOSITE**  
[72] STOFFA, JOHN V., US  
[73] THE LUBRIZOL CORPORATION, US  
[85] 1993-02-26  
[86] 1992-07-23 (PCT/US1992/006154)  
[87] (WO1993/003123)  
[30] US (07/743,536) 1991-08-09

[11] **2,091,668**  
[13] C

[51] **Int.Cl. 5C12P 19/28 5C07C 225/02 5C07D 205/04 5C07H 5/06 5C07D 207/12 5C07D 211/46**  
[25] EN  
[54] **PROCESS FOR PRODUCING N-SUBSTITUTED POLYHYDROXY NITROGEN-CONTAINING HETEROCYCLES**  
[54] **PROCEDE D'OBTENTION DE COMPOSES POLYHYDROXYHETEROCYCLIQUES AZOTES A SUBSTITUANT EN N**  
[72] GRABNER, ROY W., US  
[72] LANDIS, BRYAN H., US  
[72] RUTTER, RICHARD J., US  
[72] SCAROS, MIKE G., US  
[73] MONSANTO COMPANY, US  
[73] G.D. SEARLE AND CO., US  
[22] 1993-03-15  
[30] US (07/851,818) 1992-03-16

[11] **2,092,835**  
[13] C

[51] **Int.Cl. 5H04B 7/26**  
[25] EN  
[54] **CELL EXTENSION IN A CELLULAR TELEPHONE SYSTEM**  
[54] **ELARGISSEMENT DE CELLULES DE SYSTEME TELEPHONIQUE CELLULAIRE**  
[72] BODIN, ROLAND STIG, SE  
[72] CHAMBERT, GEORG, SE  
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[22] 1993-03-29  
[30] US (859,962) 1992-03-30

[11] **2,092,859**  
[13] C

[51] **Int.Cl. 5H04L 7/00**  
[25] EN  
[54] **RECEIVER HAVING AN ADJUSTABLE MATCHED FILTER**  
[54] **RECEPTEUR A FILTRE ADAPTE AJUSTABLE**  
[72] WRIGHT, ANDREW S., CA  
[72] SMIT, THEODORUS J., CA  
[72] ALCOCK, MARTIN C., CA  
[73] HARRIS CANADA INC., CA  
[22] 1993-03-29  
[30] US (07/859,981) 1992-03-30

[11] **2,097,198**  
[13] C

[51] **Int.Cl. 5B09B 1/00**  
[25] EN  
[54] **METHOD FOR TREATING DRILL CUTTINGS DURING OIL AND GAS DRILLING**  
[54] **PROCEDE POUR LE TRAITEMENT DE DEBRIS DE FORAGE EN COURS DE FORAGE PETROLIER**  
[72] SIREVAG, GUNNAR, NO  
[73] PROCON ENGINEERING AS, NO  
[86] 1991-11-20 (PCT/NO1991/000145)  
[87] (WO1992/009380)  
[30] NO (905156) 1990-11-28

[11] **2,097,212**  
[13] C

[51] **Int.Cl. 5H01J 49/04 5H01J 49/36 5B01D 59/44**  
[25] EN  
[54] **QUADRUPOLE TRAP IMPROVED TECHNIQUE FOR COLLISIONAL INDUCED DISSOCIATION FOR MS/MS PROCESSES**  
[54] **METHODE DE DISSOCIATION PAR COLLISION AMELIOREE POUR SYSTEME SM/SM A PIEGE QUADRIPOLAIRE**  
[72] WELLS, GREGORY J., US  
[73] VARIAN, INC., US  
[22] 1993-05-28  
[30] US (890,996) 1992-05-29

[11] **2,097,275**  
[13] C

[51] **Int.Cl. 5B32B 21/02 5D21J 1/00**  
[25] EN  
[54] **FLAT ORIENTED STRAND BOARD-FIBERBOARD COMPOSITE STRUCTURE AND METHOD OF MAKING THE SAME**  
[54] **PANNEAU A COPEAUX ORIENTES DE STRUCTURE COMPOSITE ET PROCEDE DE FABRICATION DE CELUI-CI**  
[72] LINDQUIST, CRAIG R., US  
[72] CLARKE, JOHN T., US  
[72] CHIN, PETER P. S., US  
[72] MACDONALD, MICHAEL J., US  
[72] WALSH, J. PETER, US  
[73] MASONITE CORPORATION, US  
[22] 1993-05-28  
[30] US (08/052,375) 1993-04-23

[11] **2,097,807**  
[13] C

[51] **Int.Cl. 5A61B 10/00 5A61B 5/05 5A61B 5/103 5G06F 15/42**  
[25] EN  
[54] **A METHOD AND MEANS OF DETERMINING THE HEALTH CONDITION OF A LIVING CREATURE**  
[54] **METHODE ET MOYENS PERMETTANT DE DETERMINER L'ETAT DE SANTE D'UN ORGANISME VIVANT**  
[72] POPP, FRITZ-ALBERT, DE  
[73] REINHARD, MAX, DE  
[85] 1993-06-04  
[86] 1992-10-15 (PCT/EP1992/002380)  
[87] (WO1993/007809)  
[30] DE (P 41 34 960.1) 1991-10-23

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[11] **2,099,994**  
[13] C

[51] **Int.Cl. 6C07K 5/072 6A61K 38/05 5C07C 25/18 5A61K 31/195 5C07D 20/20 5A61K 31/40 5C07D 333/60 5C07D 307/81**

[25] EN  
[54] **PHENYL AMIDINES DERIVATIVES USEFUL AS PLATELET AGGREGATION INHIBITORS**  
[54] **DERIVES DE PHENYLAMIDINES UTILES POUR L'INHIBITION DE L'AGREGATION PLAQUETTAIRE**

[72] GARLAND, ROBERT B., US  
[72] MIYANO, MASATERU, US  
[72] ZABLOCKI, JEFFERY A., US  
[72] SCHRETZMAN, LORI A., US  
[73] G.D. SEARLE & CO., US  
[85] 1993-07-06  
[86] 1992-03-05 (PCT/US1992/001531)  
[87] (WO1992/015607)  
[30] US (665,119) 1991-03-06

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[11] **2,100,675**  
[13] C

[51] **Int.Cl. 5C08F 4/685 5C08F 10/00**

[25] EN  
[54] **SILICA SUPPORTED TRANSITION METAL CATALYST**  
[54] **CATALYSEUR DE METAL DE TRANSITION A SUBSTRAT DE SILICE**

[72] KOLTHAMMER, BRIAN W. S., US  
[72] SPENCER, LEE, US  
[73] DOW GLOBAL TECHNOLOGIES INC., US  
[85] 1993-07-15  
[86] 1991-12-18 (PCT/US1991/009589)  
[87] (WO1992/013009)  
[30] US (644,053) 1991-01-18

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[11] **2,101,166**  
[13] C

[51] **Int.Cl. 5C12Q 1/68 5G01N 33/564**

[25] EN  
[54] **METHOD FOR DETECTION OF ANTI-RNA-ANTIBODIES**  
[54] **METHODE POUR LA DETECTION D'ANTICORPS ANTI-RNA**

[72] VAN VENROOIJ, WALTHER JACOBUS, NL  
[72] HOET, RENE MICHAEL ANTONIUS, NL  
[73] BIOMERIEUX B.V., NL  
[85] 1993-07-22  
[86] 1992-01-16 (PCT/EP1992/000106)  
[87] (WO1992/013276)  
[30] EP (91200121.1) 1991-01-22

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[11] **2,102,302**  
[13] C

[51] **Int.Cl. 5C12N 15/86 5A61K 48/00 5C12N 5/10 5A61K 35/12 5C12N 15/19**

[25] FR  
[54] **ADENOVIRUS RECOMBINANTS DEFECTIFS EXPRIMANT DES CYTOKINES POUR TRAITEMENT ANTITUMORAL**  
[54] **RECOMBINANT DEFECTIVE ADENOVIRUSES EXPRESSING CYTOKINES FOR AN ANTITUMORAL TREATMENT**

[72] HADDADA, HEDI, FR  
[72] RAGOT, THIERRY, FR  
[72] PERRICAUDET, MICHEL, FR  
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR  
[73] INSTITUT GUSTAVE ROUSSY, FR  
[85] 1993-11-02  
[86] 1993-03-16 (PCT/FR1993/000264)  
[87] (WO1993/019191)  
[30] FR (92/03120) 1992-03-16

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[11] **2,102,424**  
[13] C

[51] **Int.Cl. 5A61M 5/168**

[25] EN  
[54] **DROP DETECTION METHOD AND APPARATUS**  
[54] **METHODE ET DISPOSITIF DE DETECTION DE GOUTTES**

[72] YERLIKAYA, DENIS Y., US  
[72] KROHN, RANDALL JEFFREY, US  
[72] WALKER, CLARENCE LOGAN, US  
[72] WILHELM, MICHAEL JOHN, US  
[72] KINGHORN, CURTIS DURRELL, US  
[73] SHERWOOD SERVICES AG, CH  
[85] 1993-11-03  
[86] 1992-03-31 (PCT/US1992/002435)  
[87] (WO1992/017227)  
[30] US (678,639) 1991-04-01

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[11] **2,105,023**  
[13] C

[51] **Int.Cl. 5H01J 61/44**

[25] EN  
[54] **FLUORESCENT LAMP WITH IMPROVED PHOSPHOR BLEND**  
[54] **LAMPE FLUORESCENTE CONTENANT UN MELANGE DE LUMINOPHORES AMELIORE**

[72] PAPPALARDO, ROMANO G., US  
[72] HUNT, ROGER B., JR., US  
[73] GTE PRODUCTS CORPORATION, US  
[22] 1993-08-27  
[30] US (7/937,936) 1992-08-28

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[11] **2,105,967**  
[13] C

[51] **Int.Cl. 5C08G 73/02**

[25] EN  
[54] **DENDRITIC MACROMOLECULE AND THE PREPARATION THEREOF**  
[54] **MACROMOLECULE DENDRITIQUE ET SA PREPARATION**

[72] MEIJER, EGBERT W., NL  
[72] BOSMAN, HUBERTUS J. M., NL  
[72] VANDENBOOREN, FRANCISCUS H. A. M. J., NL  
[72] DE BRABANDER-VAN DE BERG, ELLEN M. M., NL  
[73] DSM N.V., NL  
[85] 1993-09-10  
[86] 1993-01-11 (PCT/NL1993/000008)  
[87] (WO1993/014147)  
[30] NL (9200043) 1992-01-13  
[30] EP (92203481) 1992-11-12

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[11] **2,107,143**  
[13] C

[51] **Int.Cl. 5F16H 7/08**

[25] EN  
[54] **DRIVE CHAIN TENSIONER**  
[54] **TENDEUR DE CHAINE D'ENTRAINEMENT**

[72] MUTH, JAMES C., US  
[72] HAAK-FRENDSCHO, THOMAS, US  
[73] SPACESAVER CORPORATION, US  
[22] 1993-09-28  
[30] US (07/953,606) 1992-09-29

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[11] **2,108,377**  
[13] C

[51] **Int.Cl. 5H01J 29/07**

[25] EN  
[54] **PERIPHERAL BODIES FOR TENSION MASK CRT PANEL**  
[54] **ELEMENTS PERIPHERIQUES POUR TUBE CATHODIQUE**

[72] CAPEK, RAYMOND G., US  
[72] FENDLEY, JAMES R., US  
[72] FONDRK, MARK T., US  
[73] ZENITH ELECTRONICS CORPORATION, US  
[85] 1993-10-13  
[86] 1992-04-14 (PCT/US1992/003048)  
[87] (WO1992/019004)  
[30] US (685,352) 1991-04-15

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[11] **2,109,947**  
[13] C

[51] **Int.Cl. 5H04B 7/02 5H04J 13/00**  
[25] EN  
[54] **RAKE RECEIVER WITH SELECTIVE RAY COMBINING**  
[54] **RECEPTEUR A COMBINAISON SELECTIVE DE RAYONS**  
[72] BOTTOMLEY, GREGORY E., US  
[73] ERICSSON INC., US  
[85] 1993-11-24  
[86] 1993-03-25 (PCT/US1993/002840)  
[87] (WO1993/019552)  
[30] US (857,433) 1992-03-25

[11] **2,110,693**  
[13] C

[51] **Int.Cl. 5C07C 233/47 5A61K 31/00 5C07D 231/12 5C07D 405/12 5C07C 335/20 5C07C 237/22 5C07C 275/40 5C07D 207/404 5C07D 307/54 5C07D 213/56 5C07D 233/61 5C07D 213/89**  
[25] EN  
[54] **AMINO ACID DERIVATIVE ANTICONVULSANT**  
[54] **DERIVE D'ACIDE AMINE ANTICONVULSIF**  
[72] KOHN, HAROLD L., US  
[72] WATSON, DARRELL, US  
[73] RESEARCH CORPORATION TECHNOLOGIES, INC., US  
[85] 1993-12-03  
[86] 1992-06-04 (PCT/US1992/004687)  
[87] (WO1992/021648)  
[30] US (710,610) 1991-06-04

[11] **2,110,753**  
[13] C

[51] **Int.Cl. 5G11B 7/13**  
[25] EN  
[54] **MAGNETO-OPTICAL RECORDING/REPRODUCING APPARATUS WITH OPTICAL PICKUP DEVICE HAVING A MULTI-LAYER DIELECTRIC FILM BEAM SPLITTER**  
[54] **CAPTEUR OPTIQUE POUR SYSTEME D'ENREGISTREMENT ET DE LECTURE MAGNETO-OPTIQUE**  
[72] ANDO, NOBUHIKO, JP  
[72] FUJII, KAZUHIKO, JP  
[73] SONY CORPORATION, JP  
[22] 1993-12-06  
[30] JP (PO4-327964) 1992-12-08

[11] **2,113,131**  
[13] C

[51] **Int.Cl. 5A61F 5/441**  
[25] EN  
[54] **OSTOMY BAG WITH MULTI-STAGE FILTER**  
[54] **POCHE DE STOMIE A FILTRE POLYETAGE**  
[72] FERGUSON, KEITH, US  
[72] LESKO, MARK, US  
[73] E.R. SQUIBB & SONS, INC., US  
[22] 1994-01-10  
[30] US (004,322) 1993-01-14

[11] **2,113,345**  
[13] C

[51] **Int.Cl. 5G01N 27/87**  
[25] EN  
[54] **MAGNETIC FLAW DETECTOR FOR TUBULAR GOODS**  
[54] **DETECTEUR MAGNETIQUE DE DEFAUTS POUR MARCHANDISES TUBULAIRES**  
[72] HWANG, JACKSON H., US  
[73] WESTERN ATLAS INTERNATIONAL, INC., US  
[85] 1994-01-12  
[86] 1993-05-12 (PCT/US1993/004695)  
[87] (WO1993/023749)  
[30] US (07/882,810) 1992-05-14

[11] **2,114,625**  
[13] C

[51] **Int.Cl. 5H04B 7/005 5H04L 1/00**  
[25] EN  
[54] **A METHOD AND AN ARRANGEMENT OF ESTIMATING TRANSMITTED SYMBOLS AT A RECEIVER IN DIGITAL SIGNAL TRANSMISSION**  
[54] **METHODE ET DISPOSITIF DE RECONNAISSANCE DE SIGNAUX POUR RECEPTEUR DE SIGNAUX NUMERIQUES**  
[72] LARSSON, LARS GUSTAV, SE  
[72] GUDMUNDSON, PEROLS BJORN OLOF, SE  
[72] JAMAL, KARIM, SE  
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1994-01-31  
[86] 1993-05-28 (PCT/SE1993/000477)  
[87] (WO1994/000924)  
[30] SE (9201924-9) 1992-06-23

[11] **2,116,869**  
[13] C

[51] **Int.Cl. 5E01F 13/00**  
[25] EN  
[54] **APPARATUS FOR ARRESTING THE PROGRESS OF VEHICLES**  
[54] **DISPOSITIF SERVANT A INTERDIRE LE PASSAGE DE VEHICULES**  
[72] BEHAN, KEVIN, GB  
[73] CATSCLAW LIMITED, GB  
[85] 1994-03-02  
[86] 1992-09-01 (PCT/GB1992/001598)  
[87] (WO1993/005236)  
[30] GB (9118817.7) 1991-09-03  
[30] GB (9124137.2) 1991-11-13

[11] **2,117,059**  
[13] C

[51] **Int.Cl. 5C07D 471/04 5A61K 31/50 5C07D 213/80**  
[25] EN  
[54] **PYRIDO-PYRIDAZINONE AND PYRIDAZINTHIONE COMPOUNDS**  
[54] **COMPOSES PYRIDOPYRIDAZINONE ET PYRIDAZINTHIONE**  
[72] WILHELM, ROBERT S., US  
[72] LOE, BRADLEY E., US  
[72] DEVENS, BRUCE H., US  
[72] ALVAREZ, ROBERT, US  
[72] MARTIN, MICHAEL G., US  
[73] SYNTEX (U.S.A.) INC., US  
[85] 1994-03-04  
[86] 1992-10-08 (PCT/US1992/008398)  
[87] (WO1993/007146)  
[30] US (775,679) 1991-10-09

[11] **2,117,187**  
[13] C

[51] **Int.Cl. 5A01G 23/06**  
[25] EN  
[54] **TREE HARVESTING APPARATUS**  
[54] **DISPOSITIF A MOISSONNER LES ARBRES**  
[72] WIDEGREN, LARS, SE  
[73] WIDEGREN, LARS, SE  
[85] 1994-03-07  
[86] 1992-09-02 (PCT/SE1992/000604)  
[87] (WO1993/004575)  
[30] SE (9102616-1) 1991-09-09



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[11] 2,118,738  
[13] C

[51] Int.Cl. 5G02B 1/10 5G02C 7/10  
[25] EN  
[54] COLORED PLASTIC LENS AND METHOD OF MANUFACTURE THEREFOR  
[54] LENTILLE COLOREE EN PLASTIQUE ET METHODE DE FABRICATION  
[72] ONO, ICHIRO, JP  
[72] KAWAMURA, YUKO, JP  
[73] NIKON CORPORATION, JP  
[22] 1994-03-10  
[30] JP (5-051055) 1993-03-11

[11] 2,118,813  
[13] C

[51] Int.Cl. 5F15B 15/20 5B60P 1/16  
[25] EN  
[54] IMPROVEMENTS IN HYDRAULIC RAMS  
[54] AMELIORATIONS APPLICABLES AUX VERINS HYDRAULIQUES  
[72] MARTIN, JOHN C., CA  
[73] DIESEL EQUIPMENT LIMITED, CA  
[85] 1994-03-10  
[86] 1992-09-11 (PCT/CA1992/000390)  
[87] (WO1993/005983)  
[30] US (07/759,516) 1991-09-13

[11] 2,119,173  
[13] C

[51] Int.Cl. 5B08B 9/087  
[25] EN  
[54] POOL CLEANER DISC  
[54] DISQUE POUR LE NETTOYAGE AUTOMATIQUE DE PISCINES  
[72] ATKINS, DAVID SEAGRAVE, ZA  
[73] ZODIAC POOL CARE, INC., US  
[22] 1994-03-16  
[30] ZA (93/1924) 1993-03-18

[11] 2,121,165  
[13] C

[51] Int.Cl. 5B32B 27/08 5B29C 47/06 5B29C 49/18 5B32B 31/20  
[25] EN  
[54] PRODUCTION OF CROSS-LAMINATED FILM FROM TUBE  
[54] PRODUCTION D'UN FILM STRATIFIE CROISE A PARTIR D'UN TUBE  
[72] PLANETA, MIREK, CA  
[73] PLANETA, MIREK, CA  
[22] 1994-04-13  
[30] US (08/055,580) 1993-05-03

[11] 2,123,416  
[13] C

[51] Int.Cl. 5C12N 15/80 5C12N 15/56 5C12N 15/63  
[25] EN  
[54] PROCESS FOR PRODUCING/SECRETING A PROTEIN BY A TRANSFORMED MOULD USING EXPRESSION/SECRETION REGULATING REGIONS DERIVED FROM AN ASPERGILLUS ENDOXYLANASE II GENE  
[54] PROCEDE POUR LA PRODUCTION OU LA SECRETION D'UNE PROTEINE PAR UNE MOISSURE TRANSFORMEE GRACE A L'UTILISATION DE REGIONS REGULANT L'EXPRESSION OU LA SECRETION TIREES D'UN GENE DEL'ENDOXYLANASE II D'ASPERGILLUS  
[72] GOUKA, ROBERTUS J., NL  
[72] VAN DEN HONDEL, CORNELIS A. M. J. J., NL  
[72] MUSTERS, WOUTER, NL  
[72] STAM, HEIN, NL  
[72] VERBAKEL, JOHANNES M. A., NL  
[73] UNILEVER PLC, GB  
[85] 1994-05-11  
[86] 1992-12-09 (PCT/EP1992/002896)  
[87] (WO1993/012237)  
[30] NL (9102051) 1991-12-09

[11] 2,123,606  
[13] C

[51] Int.Cl. 5C07D 231/38 5C07D 471/04 5C07D 487/04 5C07D 498/04 5C07D 513/04 5C07D 231/44 5C07D 231/52 5A01N 43/56 5A01N 43/90  
[25] EN  
[54] NEW SUBSTITUTED PYRAZOLYLPYRAZOLES, PROCESSES FOR THEIR PREPARATION, AS WELL AS INTERMEDIATES, AND THEIR USE AS HERBICIDES  
[54] NOUVEAUX DERIVES DE SUBSTITUTION DE PYRAZOLYLPYRAZOLES; METHODE DE PREPARATION; PRODUITS INTERMEDIAIRES; UTILISATION COMME HERBICIDES  
[72] HARTFIEL, UWE, DE  
[72] DORFMEISTER, GABRIELE, DE  
[72] FRANKE, HELGA, DE  
[72] GEISLER, JENS, DE  
[72] JOHANN, GERHARD, DE  
[72] REES, RICHARD, DE  
[73] SCHERING AKTIENGESELLSCHAFT, DE  
[85] 1994-05-13  
[86] 1992-11-12 (PCT/EP1992/002623)  
[87] (WO1993/010100)  
[30] DE (P 41 37 872.5) 1991-11-13  
[30] DE (P 42 12 919.2) 1992-04-15

[11] 2,123,667  
[13] C

[51] Int.Cl. 5H01L 27/144  
[25] EN  
[54] OPTO-ELECTRONIC INTEGRATED CIRCUIT  
[54] CIRCUIT INTEGRE OPTO-ELECTRONIQUE  
[72] SAWADA, SOSAKU, JP  
[72] SASAKI, GORO, JP  
[72] YANO, HIROSHI, JP  
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 1994-05-16  
[30] JP (115005/1993) 1993-05-17

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[11] **2,126,313**  
[13] C

[51] **Int.Cl. 5F02K 1/54**  
[25] EN  
[54] **THRUST REVERSER  
INTEGRATING A VARIABLE  
EXHAUST AREA NOZZLE**  
[54] **INVERSEUR DE POUSSEE AVEC  
TUYERE A SECTION D'EVACUATION  
VARIABLE**  
[72] LAIR, JEAN-PIERRE, US  
[73] AERONAUTICAL CONCEPT OF  
EXHAUST, LTD., US  
[85] 1994-06-20  
[86] 1993-01-04 (PCT/US1993/000432)  
[87] (WO1993/013980)  
[30] US (07/817,278) 1992-01-06

[11] **2,126,344**  
[13] C

[51] **Int.Cl. 5A61K 6/00**  
[25] EN  
[54] **METHOD FOR ADHERING TO  
HARD TISSUE**  
[54] **METHODE DE REVETEMENT DE  
TISSU DUR**  
[72] AASEN, STEVEN M., US  
[72] UBEL, F. ANDREW III, US  
[72] OXMAN, JOEL D., US  
[72] MITRA, SUMITA B., US  
[72] FUNDINGSLAND, JON W., US  
[73] MINNESOTA MINING AND  
MANUFACTURING COMPANY, US  
[85] 1994-06-20  
[86] 1992-12-30 (PCT/US1992/011290)  
[87] (WO1993/012760)  
[30] US (07/815404) 1991-12-31

[11] **2,126,456**  
[13] C

[51] **Int.Cl. 5B27M 3/00 5B27N 3/14**  
[25] EN  
[54] **HIGH STRENGTH COMPOSITE  
PRODUCTS AND METHOD OF  
MAKING SAME**  
[54] **PRODUITS COMPOSITES DE  
GRANDE RESISTANCE, ET METHODE  
DE FABRICATION CONNEXE**  
[72] BARNES, DEREK, CA  
[73] WEYERHAEUSER COMPANY, US  
[85] 1994-06-21  
[86] 1992-01-09 (PCT/CA1992/000005)  
[87] (WO1993/013922)

[11] **2,131,057**  
[13] C

[51] **Int.Cl. 5F16D 13/71**  
[25] EN  
[54] **CLUTCH RELEASE ASSEMBLY**  
[54] **DISPOSITIF DE DEBRAYAGE**  
[72] GOCHENOUR, DANIEL V., US  
[72] AREND, MATTHEW R., US  
[72] TARLTON, JAMES K., SR., US  
[73] EATON CORPORATION, US  
[22] 1994-08-29  
[30] US (114,563) 1993-08-31

[11] **2,131,551**  
[13] C

[51] **Int.Cl. 5A61K 39/39 5A61K 39/02**  
[25] EN  
[54] **CONJUGATES FORMED FROM  
HEAT SHOCK PROTEINS AND OLIGO-  
OR POLYSACCHARIDES**  
[54] **CONJUGUES FORMES A PARTIR  
DE PROTEINES DU STRESS ET  
D'OLIGO- OU DE POLYSACCHARIDES**  
[72] VITI, STEFANO, IT  
[72] NORELLI, FRANCESCO, IT  
[72] RAPPUOLI, RINO, IT  
[72] COSTANTINO, PAOLO, IT  
[73] CHIRON S.P.A., IT  
[85] 1994-09-06  
[86] 1993-03-08 (PCT/EP1993/000516)  
[87] (WO1993/017712)  
[30] IT (F192A000058) 1992-03-06

[11] **2,132,429**  
[13] C

[51] **Int.Cl. 5C07H 19/01 5A61K 31/70  
5A01N 43/90**  
[25] EN  
[54] **ALKYLTHIO ALKYL  
AVERMECTINS ARE ACTIVE  
ANTIPARASITIC AGENTS**  
[54] **ALKYLTHIOALKYL AVERMECTINES  
UTILISEES COMME AGENTS  
ANTIPARASITAIRES ACTIFS**  
[72] LINN, BRUCE O., US  
[72] MROZIK, HELMUT, US  
[73] MERCK & CO., INC., US  
[85] 1994-09-19  
[86] 1993-03-16 (PCT/US1993/002362)  
[87] (WO1993/018778)  
[30] US (857,035) 1992-03-24

[11] **2,134,815**  
[13] C

[51] **Int.Cl. 5F02P 17/00**  
[25] EN  
[54] **MISFIRE DETECTION METHOD  
FOR AN INTERNAL COMBUSTION  
ENGINE**  
[54] **METHODE DE DETECTION DE  
RATES D'ALLUMAGE**  
[72] NOBLE, GARDINER A., US  
[72] KAFKA, LEONARD, US  
[72] CIUFFETELLI, MARK, US  
[73] CHRYSLER CORPORATION, US  
[22] 1994-11-01  
[30] US (08/148,993) 1993-11-08

[11] **2,135,754**  
[13] C

[51] **Int.Cl. 5B67D 1/10**  
[25] EN  
[54] **DEVICE FOR VOLUMETRIC  
DOSING OF PRODUCTS**  
[54] **DISPOSITIF POUR LE DOSAGE  
VOLUMETRIQUE DE PRODUITS**  
[72] CREDLE, WILLIAM S., JR., US  
[72] HUGHES, ROBERT D., IV, US  
[73] COCA-COLA COMPANY (THE), US  
[85] 1994-11-14  
[86] 1993-06-02 (PCT/US1993/005189)  
[87] (WO1993/025465)  
[30] US (07/893,639) 1992-06-05  
[30] US (08/060,898) 1993-05-12

[11] **2,137,694**  
[13] C

[51] **Int.Cl. 5A01N 43/76 5A61K 7/40  
5A01N 43/78**  
[25] EN  
[54] **ACARICIDE**  
[54] **ACARICIDE**  
[72] SUZUKI, JUNJI, JP  
[72] KIKUCHI, YASUO, JP  
[72] ISHIDA, TATSUYA, JP  
[72] IKEDA, TATSUFUMI, JP  
[73] YASHIMA CHEMICAL INDUSTRIAL  
CO., LTD., JP  
[85] 1994-12-08  
[86] 1993-06-11 (PCT/JP1993/000783)  
[87] (WO1993/025079)  
[30] JP (177737/1992) 1992-06-12

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[11] **2,140,665**  
[13] C  
[51] **Int.Cl. 6C08G 18/42 6A61K 7/06 6C08G 18/30 6A61K 9/32**  
[25] EN  
[54] **USE OF WATER-SOLUBLE OR WATER-DISPERSIBLE POLYURETHANES AS AUXILIARY AGENTS IN COSMETIC AND PHARMACEUTICAL PREPARATIONS AND POLYURETHANES CONTAINING POLYLACTIC ACID POLYOLS INCORPORATED BY POLYMERIZATION**  
[54] **UTILISATION DE POLYURETHANES HYDROSOLUBLES ET HYDRODISPERSABLES COMME AGENTS AUXILIAIRES DANS DES PREPARATIONS COSMETIQUES ET PHARMACEUTIQUES; POLYURETHANES RENFERMANT DES POLYOLSD'ACIDE POLYLACTIQUE INCORPORES PAR POLYMERISATION**  
[72] KIM, SON N., DE  
[72] SANNER, AXEL, DE  
[72] SPERLING-VIETMEIER, KARIN, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
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[87] (WO1994/003510)  
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[11] **2,141,059**  
[13] C  
[51] **Int.Cl. 6G11B 20/00 6G06K 7/08 6G06K 19/12**  
[25] EN  
[54] **PROCESSING OF RECORDED DATA**  
[54] **TRAITEMENT DE DONNEES ENREGISTREES**  
[72] GREEN, IAN MACDONALD, GB  
[72] WILLCOCK, SIMON NICOLAS MURRAY, GB  
[73] CENTRAL RESEARCH LABORATORIES LIMITED, GB  
[85] 1995-01-25  
[86] 1993-07-27 (PCT/GB1993/001581)  
[87] (WO1994/002943)  
[30] GB (9215924.3) 1992-07-27  
[30] GB (9305273.6) 1993-03-15

[11] **2,144,532**  
[13] C  
[51] **Int.Cl. 6H04N 7/18 6G02B 21/00**  
[25] EN  
[54] **IMAGING SYSTEM**  
[54] **SYSTEME D'IMAGERIE**  
[72] GRAVELY, BENJAMIN T., US  
[73] GRAVELY RESEARCH CORPORATION, US  
[85] 1995-03-13  
[86] 1993-12-10 (PCT/US1993/012006)  
[87] (WO1994/014137)  
[30] US (07/990,030) 1992-12-14

[11] **2,144,962**  
[13] C  
[51] **Int.Cl. 6C07D 401/12 6C07D 473/00 6C07D 471/04 6C07D 487/04 6C07D 403/12 6C07D 409/12 6C07D 413/12 6C07D 417/12 6C07D 401/14 6C07D 405/14 6A61K 31/395 6C07D 211/60**  
[25] EN  
[54] **1-(2-OXO-ACETYL)-PIPERIDINE-2-CARBOXYLIC ACID DERIVATIVES AS MULTI-DRUG-RESISTANT CANCER CELL SENSITIZERS**  
[54] **DERIVES DE L'ACIDE 1-(2-OXOACETYL)PIPERIDINE-2-CARBOXYLIQUE, MAINTENANT, AUGMENTANT OU RETABLISSANT LA SENSIBILITE DE CELLULES CANCEREUSES A DE NOMBREUX MEDICAMENTS**  
[72] ARMISTEAD, DAVID M., US  
[72] SAUNDERS, JEFFREY O., US  
[72] BOGER, JOSHUA S., US  
[73] VERTEX PHARMACEUTICALS INCORPORATED, US  
[85] 1995-03-17  
[86] 1993-09-27 (PCT/US1993/009145)  
[87] (WO1994/007858)  
[30] US (07/952,299) 1992-09-28

[11] **2,146,149**  
[13] C  
[51] **Int.Cl. 6G09G 3/36**  
[25] EN  
[54] **ADDRESSING A MATRIX-TYPE LIQUID CRYSTAL CELL**  
[54] **ADRESSAGE D'UNE CELLULE A CRISTAUX LIQUIDES MATRICIELLE**  
[72] SURGUY, PAUL WILLIAM HERBERT, GB  
[73] CENTRAL RESEARCH LABORATORIES LIMITED, GB  
[85] 1995-03-31  
[86] 1993-10-04 (PCT/GB1993/002056)  
[87] (WO1994/008329)  
[30] GB (9220836.2) 1992-10-03

[11] **2,146,562**  
[13] C  
[51] **Int.Cl. 6B32B 27/08**  
[25] EN  
[54] **POLYPROPYLENE FILM AND PROCESS FOR MAKING SAME**  
[54] **PELLICULE DE POLYPROPYLENE ET METHODE DE PREPARATION**  
[72] CHU, SHAW-CHANG, US  
[72] KIRK, KEVIN ANTHONY, US  
[73] EXXONMOBIL OIL CORPORATION, US  
[85] 1995-04-06  
[86] 1993-10-07 (PCT/US1993/009602)  
[87] (WO1994/008784)  
[30] US (07/957,848) 1992-10-08

[11] **2,156,177**  
[13] C  
[51] **Int.Cl. 6C07D 405/12 6C07D 405/14 6A61K 31/47**  
[25] EN  
[54] **QUINOLINE DERIVATIVES AS THROMBOXANE A2 AND LEUKOTRIENE D4 ANTAGONISTS**  
[54] **DERIVE DE LA QUINOLEINE**  
[72] KIMURA, TOMIO, JP  
[72] KAKU, YOSHIO, JP  
[72] IKUTA, TAKASHI, JP  
[72] FUJIWARA, HIROSHI, JP  
[72] UENO, HITOSHI, JP  
[72] OKANARI, EIJI, JP  
[73] UBE INDUSTRIES, LTD., JP  
[85] 1995-08-15  
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[87] (WO1994/019345)  
[30] JP (26935/1993) 1993-02-16

[11] **2,157,617**  
[13] C  
[51] **Int.Cl. 6F04C 29/00 6F04C 27/00**  
[25] EN  
[54] **KEYED INSERT PLATE FOR CURVED ROTARY LOBE PUMP CHAMBER WALLS**  
[54] **PLAQUE A INSERTION PAR CLAVETTE POUR LES PAROIS CINTREES D'UN CORPS DE POMPE ROTATIVE A GALETS**  
[72] DODD, IAN, CA  
[73] ITT CORPORATION, US  
[22] 1995-09-06  
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[25] EN  
[54] **AN OPTICAL ARRANGEMENT  
FOR FLOW CYTOMETERS**  
[54] **DISPOSITIF OPTIQUE POUR LES  
CYTOMETRES DE FLUX**  
[72] STEEN, HARALD, NO  
[73] STEEN, HARALD, NO  
[85] 1995-09-06  
[86] 1994-03-16 (PCT/NO1994/000059)  
[87] (WO1994/022001)  
[30] NO (930980) 1993-03-18

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[13] C

[51] **Int.Cl. 6B65C 9/18**  
[25] EN  
[54] **BONDING APPARATUS FOR  
CUTTING LABEL CONTINUUM  
HAVING LABELS FORMED  
SUCCESSIVELY AND BONDING  
LABEL TO OBJECT**  
[54] **APPAREIL DE COLLAGE  
PERMETTANT DE COUPER UNE  
CONTINUITE D'ETIQUETTES ET DE  
COLLER CELLES-CI SUR UN OBJET**  
[72] MATSUGUCHI, YUTAKA, JP  
[73] OSAKA SEALING PRINTING CO.,  
LTD., JP  
[22] 1995-09-12  
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[11] **2,160,166**  
[13] C

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6A23B 4/22 6C12N 15/68**  
[25] EN  
[54] **LACTIC ACID BACTERIAL  
SUPPRESSOR MUTANTS AND THEIR  
USE AS SELECTIVE MARKERS AND  
AS MEANS OF CONTAINMENT IN  
LACTIC ACID BACTERIA**  
[54] **MUTANTS SUPPRESSEURS DE  
BACTERIES D'ACIDE LACTIQUE ET  
LEUR UTILISATION COMME  
MARQUEURS SELECTIFS ET COMME  
MOYENS DE CONFINEMENT DANS  
DES BACTERIES D'ACIDE LACTIQUE**

[72] NILSSON, DAN, DK  
[72] HANSEN, EGON BECH, DK  
[72] STROMAN, PER, DK  
[72] JOHANSEN, ERIC, DK  
[72] DICKELY, FRANCOISE, FR  
[73] CHR. HANSEN A/S, DK  
[85] 1995-10-06  
[86] 1994-10-07 (PCT/DK1994/000376)  
[87] (WO1995/010621)  
[30] US (08/133,390) 1993-10-08  
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[13] C

[51] **Int.Cl. 6H01J 35/02 6H01J 9/02  
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[25] EN  
[54] **ROTARY ANODE TYPE X-RAY  
TUBE AND METHOD OF  
MANUFACTURING THE SAME**  
[54] **TUBE A RAYONS X A ANODE  
TOURNANTE ET SA METHODE DE  
FABRICATION**  
[72] ONO, KATSUHIRO, JP  
[72] ANNO, HIDERO, JP  
[72] SUGIURA, HIROYUKI, JP  
[72] KITAMI, TAKAYUKI, JP  
[73] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 1995-10-12  
[30] JP (6-247373) 1994-10-13

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[13] C

[51] **Int.Cl. 6A62B 18/02 6A62B 7/00  
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[25] EN  
[54] **MASK MAINTAINING WARMTH  
IN NASAL AREA**  
[54] **MASQUE CONSERVANT LA  
CHALEUR DANS LA ZONE NASALE**  
[72] MIURA, MASUO, JP  
[73] CLEANTEC CO., LTD., JP  
[22] 1995-12-01

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[13] C

[51] **Int.Cl. 6H03F 3/45 6H03H 11/02**  
[25] EN  
[54] **TRANSIMPEDANCE AMPLIFIER  
CIRCUIT**  
[54] **CIRCUIT AMPLIFICATEUR  
D'ADAPTATION D'IMPEDANCE**  
[72] WILHELM, WILHELM, DE  
[73] SIEMENS AKTIENGESSELLSCHAFT,  
DE  
[22] 1996-02-07  
[30] DE (19504290.5) 1995-02-09

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[11] **2,171,221**  
[13] C

[51] **Int.Cl. 6C03B 23/035**  
[25] EN  
[54] **APPARATUS AND METHOD FOR  
POSITIONING GLASS SHEETS**  
[54] **APPAREIL ET METHODE POUR  
LE POSITIONNEMENT DE VITRAGES**  
[72] MCMASTER, RONALD A., US  
[73] GLASSTECH, INC., US  
[85] 1996-03-06  
[86] 1994-09-09 (PCT/US1994/010095)  
[87] (WO1995/007863)  
[30] US (120,687) 1993-09-13

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[11] **2,177,688**  
[13] C

[51] **Int.Cl. 6C21D 6/04**  
[25] EN  
[54] **METHOD OF TREATING BRAKE  
PADS**  
[54] **PROCEDE DE TRAITEMENT DE  
PLAQUETTES DE FREINS A DISQUE**  
[72] WORKMAN, KENNETH J., US  
[72] PITTS, DENNIS W., US  
[73] LEADING EDGE CRYOGENICS,  
INC., US  
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[86] 1995-06-15 (PCT/US1995/007729)  
[87] (WO1996/010137)  
[30] US (315,230) 1994-09-29

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[13] C

[51] **Int.Cl. 6G08B 13/12 6G08B 13/02 6G08B 13/22 6G08B 13/26**  
[25] EN  
[54] **DIFFERENTIAL MULTI-CELL INTRUSION LOCATING CABLE**  
[54] **CABLE DE LOCALISATION D'INTRUSION A MULTICELLULES DIFFERENTIEL**  
[72] HARMAN, R. KEITH, US  
[73] SOUTHWEST MICROWAVE, INC., US  
[85] 1996-05-29  
[86] 1994-12-07 (PCT/US1994/014056)  
[87] (WO1995/016251)  
[30] US (08/164,364) 1993-12-09  
[30] US (08/296,666) 1994-08-26

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[11] **2,187,486**  
[13] C

[51] **Int.Cl. 6H03F 3/45**  
[25] FR  
[54] **AMPLIFICATEUR DE CHARGE DIFFERENTIEL POUR CAPTEUR PIEZOELECTRIQUE**  
[54] **DIFFERENTIAL CHARGE AMPLIFIER FOR A PIEZOELECTRIC SENSOR**  
[72] VANOLI, JOEL MARC, FR  
[73] SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "SNECMA", FR  
[22] 1996-10-09  
[30] FR (95.11905) 1995-10-11

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[11] **2,190,385**  
[13] C

[51] **Int.Cl. 6F42C 11/06 6G06F 19/00 6F42C 15/40**  
[25] EN  
[54] **METHOD AND DEVICE FOR DETERMINING THE DISAGGREGATION TIME OF A PROGRAMMABLE PROJECTILE**  
[54] **METHODE POUR LA DETERMINATION DU TEMPS DE FRACTIONNEMENT D'UN PROJECTILE PROGRAMMABLE**  
[72] BOSS, ANDRE, CH  
[73] OERLIKON CONTRAVES AG, CH  
[22] 1996-11-14  
[30] CH (1996 0999/96) 1996-04-19

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[11] **2,181,327**  
[13] C

[51] **Int.Cl. 6B22C 9/02 6B22C 9/12 6B22C 1/20**  
[25] EN  
[54] **SAND MOLD MEMBER AND METHOD**  
[54] **ELEMENT POUR MOULE EN SABLE ET METHODE CONNEXE**  
[72] SIAK, JUNE-SANG, US  
[72] WHITED, WILLIAM THOMAS, US  
[72] DATTE, MARK ALLEN, US  
[72] SCHRECK, RICHARD MICHAEL, US  
[73] GENERAL MOTORS CORPORATION, US  
[22] 1996-07-16

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[13] C

[51] **Int.Cl. 6C07C 309/86 6C07F 5/00 6C07D 409/02 6C07D 333/04 6C07D 333/52 6G01N 33/533 6C07D 333/76 6C07C 49/813 6C07D 307/91**  
[25] EN  
[54] **LABELED REAGENTS FOR USE IN IMMUNOASSAYS AND FLUORESCENT COMPOUNDS AND COMPLEXES USED THEREIN**  
[54] **REACTIFS MARQUES POUR IMMUNO-ESSAIS; COMPOSES ET COMPLEXES FLUORESCENTS UTILISES DANS CES ESSAIS**  
[72] YUAN, JINGLI, JP  
[72] MATSUMOTO, KAZUKO, JP  
[73] MATSUMOTO, KAZUKO, JP  
[22] 1996-10-11  
[30] JP (51185/1996) 1996-03-08

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[11] **2,191,671**  
[13] C

[51] **Int.Cl. 6G06F 13/14 6G06F 17/21**  
[25] EN  
[54] **SYSTEM AND METHOD FOR AUTOMATICALLY ADDING INFORMATIONAL HYPERTEXT LINKS TO RECEIVED DOCUMENTS**  
[54] **SYSTEME ET METHODE POUR AJOUTER AUTOMATIQUEMENT DES LIENS HYPERTEXTE INFORMATIONNELS A DES DOCUMENTS RECUS**  
[72] VAN HOFF, ARTHUR A., US  
[73] SUN MICROSYSTEMS, INC., US  
[22] 1996-11-29  
[30] US (08/569,747) 1995-12-08

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[11] **2,185,691**  
[13] C

[51] **Int.Cl. 6C04B 7/36 6C04B 7/42**  
[25] EN  
[54] **METHOD AND SYSTEM FOR CONTROLLING POLLUTANT EMISSIONS IN COMBUSTION OPERATIONS**  
[54] **PROCEDE ET DISPOSITIF DE REGULATION DES EMISSIONS POLLUANTES A L'OCCASION DES OPERATIONS DE COMBUSTION**  
[72] LEONARD, R. LEON, US  
[72] BOUSE, EARL F., JR., US  
[72] MCQUEEN, ANNE T., US  
[73] CEMENT INDUSTRY ENVIRONMENTAL CONSORTIUM, US  
[85] 1996-09-16  
[86] 1995-03-16 (PCT/US1995/003309)  
[87] (WO1995/025075)  
[30] US (08/213,718) 1994-03-16  
[30] US (08/308,646) 1994-09-19

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[11] **2,188,141**  
[13] C

[51] **Int.Cl. 6G02B 5/128**  
[25] EN  
[54] **RETROREFLECTIVE ARTICLE AND METHOD OF MAKING SAME**  
[54] **ARTICLE REFLECHISSANT ET SON PROCEDE DE FABRICATION**  
[72] LIGHTLE, VERA L., US  
[72] BILLINGSLEY, BRITTON G., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1996-10-17  
[86] 1995-03-28 (PCT/US1995/003746)  
[87] (WO1995/031739)  
[30] US (08/241508) 1994-05-12

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[13] C

[51] **Int.Cl. 6H04Q 7/30**  
[25] EN  
[54] **WIDEBAND WIRELESS BASESTATION MAKING USE OF TIME DIVISION MULTIPLE-ACCESS BUS TO EFFECT SWITCHABLE CONNECTIONS TO MODULATOR/ DEMODULATOR RESOURCES**  
[54] **STATION DE BASE SANS FIL A LARGE BANDE UTILISANT UN BUS A ACCES MULTIPLE A REPARTITION DANS LE TEMPS POUR EFFECTUER DES CONNEXIONS COMMUTABLES AVEC DES RESSOURCES MODULATEUR/DEMULATEUR**  
[72] CARNEY, RONALD R., US  
[72] WILLIAMS, TERRY L., US  
[73] AIRNET COMMUNICATIONS CORP., US  
[85] 1996-11-29  
[86] 1995-01-27 (PCT/US1995/001045)  
[87] (WO1995/033350)  
[30] US (08/251,914) 1994-06-01

[11] **2,196,504**  
[13] C

[51] **Int.Cl. 6G01P 15/02**  
[25] EN  
[54] **ACCELERATION SENSOR FOR A VEHICLE FOR DETECTING AN ACCELERATION IN A PREDETERMINED DIRECTION**  
[54] **CAPTEUR D'ACCELERATION POUR VEHICULE POUR DETECTER UNE ACCELERATION DANS UNE DIRECTION PREDETERMINEE**  
[72] KOKETSU, EIJI, JP  
[73] KABUSHIKI KAISHA TOKAI-RIKA-DENKI-SEISAKUSHO, JP  
[22] 1997-01-31  
[30] JP (8-17871) 1996-02-02  
[30] JP (8-17872) 1996-02-02

[11] **2,197,302**  
[13] C

[51] **Int.Cl. 6C07H 21/00**  
[25] EN  
[54] **SOLID SUPPORT REAGENTS FOR THE SYNTHESIS OF 3'-NITROGEN CONTAINING POLYNUCLEOTIDES**  
[54] **REACTIFS SUR SUPPORT SOLIDE POUR LA SYNTHESE DE POLYNUCLEOTIDES AZOTES EN 3'**  
[72] WOO, SAM L., US  
[72] FUNG, STEVEN, US  
[73] PE CORPORATION (NY), US  
[85] 1997-02-11  
[86] 1995-07-18 (PCT/US1995/009105)  
[87] (WO1996/005215)  
[30] US (08/293,637) 1994-08-17

[11] **2,197,481**  
[13] C

[51] **Int.Cl. 6A23F 3/10**  
[25] EN  
[54] **FERMENTED DRINK**  
[54] **BOISSON FERMENTEE**  
[72] WOOD, ROBERT DUSTAN, CH  
[72] BAENSCH, JOHANNES, FR  
[72] RIPPSTEIN, MICHEL, CH  
[73] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 1997-02-12  
[30] EP (96200359.6) 1996-02-14

[11] **2,198,946**  
[13] C

[51] **Int.Cl. 6G01N 37/00**  
[25] EN  
[54] **FLUID TESTING SENSOR FOR USE IN DISPENSING INSTRUMENT**  
[54] **CAPTEUR D'ANALYSE DES FLUIDES UTILISE DANS UN DISPOSITIF DE DISTRIBUTION**  
[72] BRENNEMAN, ALLEN J., US  
[72] MUSHO, MATTHEW K., US  
[72] NOELL, JOHN O., US  
[72] WHITSON, ROBERT C., US  
[73] BAYER CORPORATION, US  
[22] 1997-03-03  
[30] US (08/659,360) 1996-06-06

[11] **2,199,515**  
[13] C

[51] **Int.Cl. 6C12Q 1/68 6G01N 35/00 6C12M 1/34 6C12M 1/40 6G01N 33/552**  
[25] EN  
[54] **AUTOMATED MOLECULAR BIOLOGICAL DIAGNOSTIC SYSTEM**  
[54] **SYSTEME DE DIAGNOSTIC AUTOMATISE DE BIOLOGIE MOLECULAIRE**  
[72] HELLER, MICHAEL J., US  
[72] TU, EUGENE, US  
[72] BUTLER, WILLIAM F., US  
[72] MONTGOMERY, DONALD D., US  
[73] NANOGEN, INC., US  
[85] 1997-03-07  
[86] 1995-09-06 (PCT/US1995/011333)  
[87] (WO1996/007917)  
[30] US (08/304,657) 1994-09-09

[11] **2,202,725**  
[13] C

[51] **Int.Cl. 6H04N 5/919**  
[25] EN  
[54] **VIDEO STORAGE**  
[54] **STOCKAGE VIDEO**  
[72] BOPARDIKAR, RAJU C., US  
[72] BRAINE, ADRIAN R., GB  
[73] AUTODESK CANADA INC., CA  
[22] 1997-04-15  
[30] US (60/015,468) 1996-04-15  
[30] GB (96 19120.0) 1996-09-12

[11] **2,203,640**  
[13] C

[51] **Int.Cl. 6B29C 44/14 6B29D 23/00 6H02G 3/04 6E02F 7/10 6F16L 9/14**  
[25] EN  
[54] **MULTIPURPOSE COMPOSITE TUBING**  
[54] **TUBE COMPOSITE A USAGE UNIVERSEL**  
[72] ADAMS, KEVIN, AU  
[72] VILLAESCUSA, MARIANO, AU  
[72] CLARKSON, MICHAEL, AU  
[73] EZYTUBE PTY LIMITED, AU  
[85] 1997-04-24  
[86] 1995-10-25 (PCT/AU1995/000715)  
[87] (WO1996/012602)  
[30] AU (PM 9036) 1994-10-25

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[13] C

[51] Int.Cl. 6C10G 1/02 6B09C 1/06  
[25] EN  
[54] METHOD FOR HEATING  
HYDROCARBON CONTAMINATED  
SOILS AND REMOVAL OF VOLATILE  
HYDROCARBONS  
[54] METHODE DE CHAUFFAGE DES  
SOLS CONTAMINES PAR DES  
HYDROCARBURES ET  
D'ELIMINATION DES  
HYDROCARBURES VOLATILS  
[72] IGNASIAK, TERESA, CA  
[73] IGNASIAK, TERESA, CA  
[22] 1997-06-17

[11] 2,208,013  
[13] C

[51] Int.Cl. 6C12N 15/18 6A01K 67/027  
6C07K 14/505  
[25] EN  
[54] RECOMBINANT DNA  
MOLECULES AND EXPRESSION  
VECTORS FOR ERYTHROPOIETIN  
[54] MOLECULES D'ADN DE  
RECOMBINAISON ET VECTEURS  
D'EXPRESSION POUR  
L'ERYTHROPOIETINE  
[72] DELCUVE, GENEVIEVE, CA  
[73] CANGENE CORPORATION, CA  
[85] 1997-06-17  
[86] 1995-12-18 (PCT/CA1995/000696)  
[87] (WO1996/019573)  
[30] US (08/358,918) 1994-12-19

[11] 2,211,083  
[13] C

[51] Int.Cl. 6G06F 9/26  
[25] EN  
[54] ADDRESS TRANSFORMATION IN  
A CLUSTER COMPUTER SYSTEM  
[54] TRANSFORMATION DES  
ADRESSES DANS UN SYSTEME  
D'ORDINATEUR ORGANISE EN  
GRAPPES  
[72] GUENTHNER, RUSSELL W., US  
[72] RABINS, LEONARD, US  
[73] BULL HN INFORMATION SYSTEMS  
INC., US  
[85] 1997-07-21  
[86] 1996-10-04 (PCT/US1996/015937)  
[87] (WO1997/013191)  
[30] US (08/540,106) 1995-10-06

[11] 2,212,358  
[13] C

[51] Int.Cl. 6G01J 3/02 6G01N 37/00  
[25] EN  
[54] A METHOD FOR  
STANDARDIZING A SPECTROMETER  
[54] METHODE DE NORMALISATION  
D'UN SPECTROMETRE  
[72] RIDDER, CARSTEN, DK  
[72] ANDERSEN, HANS VILLEMoes, DK  
[72] HANSEN, PER WAABEN, DK  
[72] KJAER, LISA, DK  
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[30] DK (0853/95) 1995-07-21

[11] 2,213,641  
[13] C

[51] Int.Cl. 6G01V 9/00 6H02G 1/10  
[25] EN  
[54] ELECTRICAL POWER CABLE  
UNDERGROUND-LAYING DEPTH  
MEASURING METHOD  
[54] METHODE DE MESURE DE LA  
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[72] NAKURA, YUJI, JP  
[72] YAMAGUCHI, MASAYOSHI, JP  
[72] HATA, RYOSUKE, JP  
[73] SUMITOMO ELECTRIC  
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[11] 2,215,534  
[13] C

[51] Int.Cl. 6A61K 38/16 6A61K 9/127  
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[25] EN  
[54] STABLE PROTEIN:  
PHOSPHOLIPID COMPOSITIONS AND  
METHODS  
[54] COMPOSITIONS DE  
PHOSPHOLIPIDES ET DE PROTEINES  
STABLES ET PROCEDES  
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[72] BREMS, DAVID N., US  
[72] CHA, YOUNSIK, US  
[73] AMGEN INC., US  
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[11] 2,217,094  
[13] C

[51] Int.Cl. 6H04N 5/44 6H04N 7/08  
[25] EN  
[54] IMAGE DISPLAY CONTROL  
DEVICE FOR RESTRICTING DISPLAY  
OF VIDEO DATA VIEWED ON A  
TELEVISION IN ACCORDANCE WITH  
A RESTRICT LEVEL OF THE VIDEO  
DATA  
[54] DISPOSITIF DE CONTROLE DE  
L'AFFICHAGE RESTREIGNANT LES  
IMAGES OU DONNEES VISUALISEES  
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CONFORMEMENT A UN NIVEAU DE  
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[72] TONOZUKA, MASARU, JP  
[72] YOSHIDA, TAKESHI, JP  
[73] SANYO ELECTRIC CO., LTD., JP  
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[11] 2,221,808  
[13] C

[51] Int.Cl. 6C21C 5/35  
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[54] STABLE OPERATION OF A  
SMELTER REACTOR  
[54] FONCTIONNEMENT STABLE  
D'UN HAUT FOURNEAU  
[72] SARMA, BALU, US  
[72] DOWNING, KENNETH B., US  
[73] STEEL TECHNOLOGY  
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[85] 1997-11-21  
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[30] US (60/013,860) 1996-03-22

[11] 2,221,956  
[13] C

[51] Int.Cl. 6F16B 35/04  
[25] EN  
[54] FASTENER AND METHOD OF  
OPERATION THEREOF FOR  
INSTALLING A THIN LAYER OF  
MATERIAL AT AN ADJUSTABLE  
DISTANCE FROM A SUPPORT  
[54] DISPOSITIF DE FIXATION ET  
METHODE D'UTILISATION DE CE  
DERNIER POUR L'INSTALLATION  
UNE MINCE COUCHE DE MATERIEL  
A UNE DISTANCE AJUSTABLE D'UN  
SUPPORT  
[72] GUELCK, VOLKER, CA  
[73] WINDWARE INC., CA  
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[54] **PROCEDE POUR PRODUIRE UN SITE D'ENFOUISSEMENT**  
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[72] MINET, BRENT F., US  
[73] WASHUTA, STEVE, US  
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[25] EN  
[54] **PROTEIN TYROSINE KINASE ARYL AND HETEROARYL QUINAZOLINE COMPOUNDS HAVING SELECTIVE INHIBITION OF HER-2 AUTOPHOSPHORYLATION PROPERTIES**  
[54] **COMPOSES DE QUINAZOLINE ARYLE ET HETEROARYLE AVEC PROTEINE-TYROSINE-KINASE AYANT DES CAPACITES D'INHIBITION SELECTIVE DES PROPRIETES D'AUTOPHOSPHORYLATION DE HER-2**  
[72] MYERS, MICHAEL R., US  
[72] SPADA, ALFRED P., US  
[72] MAGUIRE, MARTIN P., US  
[72] PERSONS, PAUL E., US  
[73] AVENTIS PHARMACEUTICALS INC., US  
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[54] **NOUVEAUX MUTANTS THERMOSENSIBLES RECOMBINES DE LA GRIPPE**  
[72] PARKIN, NEIL T., US  
[72] COELINGH, KATHLEEN L., US  
[73] MEDIMMUNE VACCINES, INC., US  
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[25] EN  
[54] **METHOD AND APPARATUS FOR TREATING PULP IN AN INDIRECT HEAT EXCHANGER AFTER PULPING**  
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT DE LA PATE A PAPIER DANS UN ECHANGEUR THERMIQUE INDIRECT APRES LA REDUCTION EN PATE**  
[72] PELTONEN, KARI, FI  
[72] KETTUNEN, AUVO, FI  
[72] HENRICSON, KAJ, FI  
[73] ANDRITZ OY, FI  
[85] 1997-12-15  
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[54] **MATERIAUX NON TISSES COMPRENANT DES COPOLYMERES BIODEGRADABLES**  
[72] NODA, ISAO, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1998-01-14  
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[54] **SYSTEME OPTIQUE A INFRAROUGES**  
[72] GORDON, NEIL THOMSON, GB  
[72] ASHLEY, TIMOTHY, GB  
[72] ELLIOTT, CHARLES THOMAS, GB  
[72] HALL, RALPH STEPHEN, GB  
[73] THE SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND, GB  
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[25] EN  
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[54] **REDUCTION DU BROUILLAGE SUR CANAL COMMUN**  
[72] SECORD, NORMAN, CA  
[72] CARTER, ALAN J.A., CA  
[72] HILBORN, DEREK, CA  
[73] NORTEL NETWORKS LIMITED, CA  
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GENERAL  
[72] MANSUR, PIERRE G., US  
[73] MANSUR INDUSTRIES INC., US  
[85] 1998-03-23  
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[51] Int.Cl. 6C08F 285/00 6C08F 2/22  
[25] EN  
[54] SEED POLYMERIZED LATEX  
POLYMER HAVING A GRADIENT  
POLYMERIC MORPHOLOGY AND  
PROCESS FOR PREPARING THE SAME  
[54] POLYMERE DE LATEX OBTENU  
PAR POLYMERISATION DE GERMES,  
POSSEDANT UNE MORPHOLOGIE  
POLYMERE A GRADIENT ET  
PROCEDE SERVANT A LE PREPARER  
[72] TRUMBO, DAVID L., US  
[72] BIALE, JOHN, US  
[73] S. C. JOHNSON COMMERCIAL  
MARKETS, INC., US  
[85] 1998-04-01  
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[30] US (08/539,808) 1995-10-05

[11] 2,234,239  
[13] C  
[51] Int.Cl. 6C07D 209/18 6C07D 401/00  
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535  
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LEUKOTRIENE ANTAGONISTS  
[54] INDOLE-CARBAMATES COMME  
ANTAGONISTES DE LEUKOTRIENE  
[72] MARFAT, ANTHONY, US  
[72] BROWN, MATTHEW F., US  
[73] PFIZER INC., US  
[85] 1998-04-07  
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[51] Int.Cl. 6G01B 11/24 6B23Q 17/20  
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PIVOTING ARM  
[54] BANC D'INSPECTION MUNI D'UN  
BRAS PIVOTANT  
[72] KLEIN, PETER, CA  
[72] LISTER, PETER FREDERICK, CA  
[73] FORINTEK CANADA CORP., CA  
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[51] Int.Cl. 6H04B 15/00 6H04N 7/015  
6H04N 5/21  
[25] EN  
[54] CO-CHANNEL INTERFERENCE  
CANCELER AND DRIVING METHOD  
THEREFOR  
[54] SUPPRESSEUR DE BROUILLAGE  
DANS LE MEME CANAL ET METHODE  
DE COMMANDE ASSOCIEE  
[72] LEE, MYEONG-HWAN, KR  
[73] SAMSUNG ELECTRONICS CO.,  
LTD., KR  
[22] 1998-04-20  
[30] KR (97-27612) 1997-06-26

[11] 2,236,799  
[13] C  
[51] Int.Cl. 6H04Q 7/34  
[25] EN  
[54] SYSTEM AND METHOD FOR  
FAULTY MOBILE UNIT ISOLATION  
[54] DISPOSITIF PERMETTANT  
D'ISOLER UNE UNITE MOBILE  
DEFECTUEUSE ET TECHNIQUE  
CORRESPONDANTE  
[72] TSENG, STONE, US  
[72] BASU, KALYAN, US  
[73] NORTEL NETWORKS LIMITED, CA  
[85] 1998-05-05  
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[30] US (08/711,633) 1996-09-06

[11] \* 2,243,232  
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[51] Int.Cl. 6E05B 17/16  
[25] EN  
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[54] PROTECTEUR DE SERRURE  
[72] STEPIEN, STAN, CA  
[73] STEPIEN, STAN, CA  
[22] 1998-07-16

[11] 2,243,307  
[13] C  
[51] Int.Cl. 6H04Q 3/64 6G06F 17/40  
[25] EN  
[54] METHOD AND APPARATUS FOR  
HANDLING MULTIPLE REAL-TIME  
SERVICE EVENTS  
[54] METHODE ET APPAREIL DE  
TRAITEMENT DE MULTIPLES  
EVENEMENTS DE SERVICE EN TEMPS  
REEL  
[72] BUCKLER, CRAIG L., US  
[72] LONGFIELD, MICHAEL T., US  
[72] PATTERSON, JUDSON J., US  
[73] NORTEL NETWORKS LIMITED, CA  
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[13] C  
[51] Int.Cl. 6C08L 95/00 6E01C 19/10  
[25] FR  
[54] PROCEDE POUR LA  
PREPARATION D'ENROBES DENSES A  
L'EMULSION, ET EMULSION POUR Y  
PARVENIR  
[54] PROCESS FOR PREPARING  
EMULSIFIED DENSE-GRATED  
BITUMINOUS MIX, AND THE  
EMULSION USED IN PREPARING IT  
[72] BARRETO, GILLES, FR  
[72] NAVASCUES, LUC, FR  
[72] GRAMPRE, LIONEL, FR  
[73] CECA S.A., FR  
[22] 1998-08-03  
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[11] 2,245,974  
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[51] Int.Cl. 6G02B 6/28 6G02B 6/36  
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ARRAY MODULE  
[54] MODULE DE FAISCEAU DE  
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METAL  
[72] RHEE, TAE-HYUNG, KR  
[72] LEE, HYUNG-JAE, KR  
[72] YOU, BYONG-GWON, KR  
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[13] C

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[25] EN  
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[54] **PROCEDE DE TRANSMISSION D'UNE CELLULE ATM PAR L'INTERMEDIAIRE D'UN RESEAU ATM**  
[72] O'NEILL, ALAN WILLIAM, GB  
[72] HODGKINSON, TERENCE GEOFFREY, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 1998-08-14  
[86] 1997-03-21 (PCT/GB1997/000801)  
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[13] C

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[54] **SYSTEME DE RASAGE AVEC PROTECTION AMELIOREE**  
[72] SWEENEY, PHILIP JOHN, US  
[72] TSENG, MINGCHIH MICHAEL, US  
[72] YIN, YULING, US  
[72] PORCARO, ALFRED, US  
[73] THE GILLETTE COMPANY, US  
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[30] US (800,146) 1997-02-14

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[51] **Int.Cl. 6H04L 12/56**  
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[54] **METHOD OF AN APPARATUS FOR VIRTUAL LINK MANAGEMENT**  
[54] **METHODE POUR DISPOSITIF DE GESTION DE LIAISON VIRTUELLE**  
[72] MORRIS, TODD DOUGLAS, CA  
[72] LYON, NORMAN ALLAN, CA  
[72] GRAVES, ALAN FRANK, CA  
[72] FISHER, DAVID ANTHONY, CA  
[73] NORTEL NETWORKS LIMITED, CA  
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[11] **2,248,117**  
[13] C

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[54] **COMPOSITIONS PHOTOCHROMES DE NAPHTOPYRAN DE COULEUR NEUTRE**  
[72] VAN GEMERT, BARRY, US  
[72] KISH, DELBERT G., US  
[73] TRANSITIONS OPTICAL, INC., US  
[85] 1998-09-02  
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[11] **2,248,314**  
[13] C

[51] **Int.Cl. 6H03H 21/00 6H03H 17/02**  
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[54] **AUDIO SIGNAL IDENTIFICATION USING CODE LABELS INSERTED IN THE AUDIO SIGNAL**  
[54] **IDENTIFICATION DE SIGNAL AUDIO PAR UTILISATION D'ETIQUETTES DE CODE INSEREES DANS LE SIGNAL AUDIO**  
[72] JOHNSON, NIGEL, GB  
[72] TODD, MARTIN PETER, GB  
[73] CENTRAL RESEARCH LABORATORIES LIMITED, GB  
[85] 1998-09-04  
[86] 1997-01-14 (PCT/GB1997/000100)  
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[11] **2,249,957**  
[13] C

[51] **Int.Cl. 6E04B 7/16 6E04H 15/04 6E04B 1/343**  
[25] FR  
[54] **CONSTRUCTION A COUVERTURE SOUPLE DONT AU MOINS LA TOITURE EST CONSTITUEE PAR UNE OSSATURE METALLIQUE OU COMPOSITE TRIDIMENSIONNELLE**  
[54] **FLEXIBLE-ROOF CONSTRUCTION OF WHICH AT LEAST THE ROOF CONSISTS OF A THREE-DIMENSIONAL METAL OR COMPOSITE FRAMEWORK**  
[72] WALTER, DENIS, FR  
[73] WALTER, FR  
[22] 1998-10-09  
[30] EP (97440095.4) 1997-10-13

[11] **2,250,788**  
[13] C

[51] **Int.Cl. 6B41J 2/16 6B41J 2/14**  
[25] EN  
[54] **MANUFACTURING PROCESS AND STRUCTURE OF INK JET PRINTHEAD**  
[54] **PROCEDE DE FABRICATION ET STRUCTURE D'UNE TETE D'IMPRESSION A JET D'ENCRE**  
[72] TSENG, KOU-YOW, TW  
[72] MOU, TSE-CHI, TW  
[72] CHOU, CHIN-YI, TW  
[72] YANG, ARNOLD CHANG-MOU, TW  
[72] CHANG, YEE-SHYI, TW  
[73] MICROJET TECHNOLOGY CO., LTD., TW  
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[30] CN (97121346.1) 1997-10-21  
[30] CN (97121345.3) 1997-10-21  
[30] CN (97121341.0) 1997-10-21

[11] **2,250,879**  
[13] C

[51] **Int.Cl. 6C09K 3/18 6C04B 41/49**  
[25] EN  
[54] **A METHOD FOR IMPARTING HYDROPHOBICITY TO A SURFACE OF A SUBSTRATE WITH LOW CONCENTRATION ORGANOFUNCTIONAL SILANES**  
[54] **PROCEDE PERMETTANT DE CONFERER UN CARACTERE HYDROPHOBE A UNE SURFACE DE SUBSTRAT A FAIBLE CONCENTRATION EN SILANES ORGANOFONCTIONNELS**  
[72] MUNAGAVALASA, MURTHY S., US  
[72] GOELZ, JOHN F., US  
[72] VARANASI, P. PRABODH, US  
[73] S.C. JOHNSON & SON, INC., US  
[85] 1998-10-01  
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[54] CONTROL METHOD AND CONTROL APPARATUS FOR A CONSTRUCTION MACHINE  
[54] APPAREIL ET METHODE DE CONTROLE D'UNE MACHINE DE CONSTRUCTION  
[72] TOZAWA, SHOJI, JP  
[72] ONO, TOMOAKI, JP  
[73] SHIN CATERPILLAR MITSUBISHI LTD., JP  
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[86] 1997-11-28 (PCT/JP1997/004362)  
[87] (WO1998/040570)  
[30] JP (HEI 9-55344) 1997-03-10

[11] 2,251,095  
[13] C

[51] Int.Cl. 6B01D 5/00 6F25C 1/00 6F28B 9/08  
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[54] PORTABLE/POTABLE WATER RECOVERY AND DISPENSING APPARATUS  
[54] DISPOSITIF PORTABLE DE RECUPERATION D'EAU POTABLE ET DE DISTRIBUTION  
[72] FORSBERG, FRANCIS C., US  
[72] LEBLEU, TERRY LYLE, US  
[72] LEBLEU, STEPHEN M., US  
[73] WORLDWIDE WATER, INC., US  
[85] 1998-10-06  
[86] 1997-04-05 (PCT/US1997/005665)  
[87] (WO1997/038272)  
[30] US (08/629,305) 1996-04-08  
[30] US (60/035,753) 1996-12-31  
[30] US (08/802,489) 1997-02-20

[11] 2,251,293  
[13] C

[51] Int.Cl. 6B41J 2/07 6B41J 2/16  
[25] EN  
[54] INKJET NOZZLE ALIGNING APPARATUS  
[54] APPAREIL D'ALIGNEMENT DE BUSE A JET D'ENCRE  
[72] HSU, JUNG-HSIANG, TW  
[72] FAN, SHIH-KD, TW  
[72] MOU, TSE-CHI, TW  
[72] HO, JING-YUAN, TW  
[72] CHUANG, BILL YUAN-CHUNG, TW  
[73] MICROJET TECHNOLOGY CO., LTD., TW  
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[13] C

[51] Int.Cl. 6H04N 1/32 6G11B 23/00  
[25] EN  
[54] FACSIMILE SIGNAL TRANSMISSION WITH SUPPRESSION OF MULTIPLE MODULATION AND DEMODULATION ACROSS A CONNECTION  
[54] APPAREIL DE TRANSMISSION D'UN SIGNAL DE FAC-SIMILE POUVANT SUPPRIMER LA MODULATION ET LA DEMODULATION MULTIPLES DANS UNE CONNEXION  
[72] MENG, ZAIQING, CA  
[73] NORTEL NETWORKS LIMITED, CA  
[22] 1998-11-19  
[30] US (08/989,647) 1997-12-12

[11] 2,254,980  
[13] C

[51] Int.Cl. 6C02F 1/78  
[25] EN  
[54] PROCESS FOR EFFECTING MICROBIAL CONTROL AND REDUCING SLIME GROWTH ON HARD SURFACES IN FOOD PROCESSING EQUIPMENT USING INLINE OZONATION  
[54] PROCEDE D'ELIMINATION DES MICROBES PAR OZONISATION DANS UN EQUIPEMENT DE TRANSFORMATION DE PRODUITS ALIMENTAIRES  
[72] CORDS, BRUCE R., US  
[72] HEI, ROBERT D., US  
[72] WEI, GUANG-JONG J., US  
[72] LOKKESMOE, KEITH D., US  
[73] ECOLAB INC., US  
[85] 1998-11-12  
[86] 1996-12-04 (PCT/US1996/019740)  
[87] (WO1997/043217)  
[30] US (08/577,484) 1996-05-13

[11] 2,256,183  
[13] C

[51] Int.Cl. 6G07B 17/02 6G06F 17/60  
[25] EN  
[54] METHOD FOR REMOVING FUNDS FROM A POSTAL SECURITY DEVICE  
[54] METHODE SECURITAIRE PERMETTANT D'ENLEVER LES CREDITS D'UNE AFFRANCHISSEUSE  
[72] RYAN, FREDERICK W., JR., US  
[72] PIERCE, PERRY A., US  
[72] STROBEL, KEVIN L., US  
[72] SISSON, ROBERT W., US  
[73] PITNEY BOWES INC., US  
[22] 1998-12-15  
[30] US (08/996,602) 1997-12-23

[11] 2,257,697  
[13] C

[51] Int.Cl. 6E21B 43/27  
[25] EN  
[54] FOAM-FLUID FOR FRACTURING SUBTERRANEAN FORMATIONS  
[54] MOUSSE-LIQUIDE POUR FRACTURER DES FORMATIONS SOUTERRAINES  
[72] ZHANG, KEWEI, CA  
[72] GUPTA, D. V. SATYANARAYANA, CA  
[72] PIERCE, RON, CA  
[72] LITT, NICOLE DEANNE, CA  
[73] BJ SERVICES COMPANY CANADA, CA  
[22] 1998-12-31

[11] 2,258,411  
[13] C

[51] Int.Cl. 6H01H 51/00  
[25] EN  
[54] ELECTROMAGNETIC RELAY  
[54] RELAIS ELECTROMAGNETIQUE  
[72] KITA, HIROYUKI, JP  
[72] NISHIMURA, KAZUAKI, JP  
[72] NOBUTOKI, KAZUHIRO, JP  
[73] MATSUSHITA ELECTRIC WORKS, LTD., JP  
[22] 1999-01-12  
[30] JP (JP 10-14571) 1998-01-27

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[11] **2,258,666**  
[13] C

[51] **Int.Cl. 6C11D 17/08 6C11D 3/34 6C11D 3/39 6C11D 1/66 6C11D 1/72**  
[25] EN  
[54] **NONAQUEOUS LIQUID DETERGENT COMPOSITIONS CONTAINING BLEACH PRECURSORS**  
[54] **COMPOSITION DETERGENTE LIQUIDE NON AQUEUSE CONTENANT DES PRECURSEURS DE BLANCHIMENT**  
[72] MEYER, AXEL, BE  
[72] JOHNSTON, JAMES PYOTT, BE  
[72] BOUTIQUE, JEAN-POL, BE  
[72] COOSEMANS, STEVEN JOZEF LOUIS, BE  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1998-12-17  
[86] 1997-06-24 (PCT/US1997/010116)  
[87] (WO1998/000510)  
[30] US (60/020,827) 1996-06-28

[11] **2,259,827**  
[13] C

[51] **Int.Cl. 6G02B 6/12 6H01L 27/00**  
[25] EN  
[54] **PACKAGE STRUCTURE FOR OPTICAL ELEMENT AND FIBERS AND COMPOSITE STRUCTURE THEREOF**  
[54] **BOITIER POUR COMPOSANTS ET FIBRES OPTIQUES ET POUR STRUCTURES COMPOSITES FAITES DE CES ELEMENTS**  
[72] SAITO, TSUTOMU, JP  
[72] TATEYAMA, TAKASHI, JP  
[72] SHIROISHI, MASARU, JP  
[72] SAKUMA, MITHURU, JP  
[72] NAGATA, HIROTOSHI, JP  
[73] SUMITOMO OSAKA CEMENT CO., LTD., JP  
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[62] 2,138,893  
[30] JP (5-335,291) 1993-12-28  
[30] JP (5-336,102) 1993-12-28

[11] **2,261,381**  
[13] C

[51] **Int.Cl. 6G01P 1/02 6G01P 3/44 6G01P 3/487**  
[25] EN  
[54] **COMPACT, SELF CONTAINED, HALL-EFFECT VEHICLE SPEED SENSOR**  
[54] **CAPTEUR DE VITESSE A EFFET HALL, AUTONOME ET COMPACT POUR VEHICULE**  
[72] MIERZWINSKI, EUGENE P., US  
[73] ARTHUR ALLEN MANUFACTURING CO., US  
[22] 1999-02-10  
[30] US (09/104,442) 1998-06-25

[11] **2,261,722**  
[13] C

[51] **Int.Cl. 6A46B 9/04**  
[25] EN  
[54] **A TOOTHBRUSH**  
[54] **BROSSE A DENTS**  
[72] SHENTON, SIMON PHILIP, GB  
[72] SOLANKI, SANJAY AMRATLAL, GB  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-01-28  
[86] 1997-08-01 (PCT/US1997/012851)  
[87] (WO1998/005239)  
[30] GB (9616323.3) 1996-08-02

[11] **2,262,001**  
[13] C

[51] **Int.Cl. 6C07K 19/00 6A61K 39/00 6A61K 48/00 6A61K 39/385 6C07K 14/47 6A61K 31/70 6C07K 14/705 6C07K 14/78 6C12N 9/88**  
[25] EN  
[54] **MHC BINDING PEPTIDE OLIGOMERS AND METHODS OF USE**  
[54] **OLIGOMERES PEPTIDIQUES DE LIAISON CMH ET PROCEDES D'UTILISATION**  
[72] ROTZSCHKE, OLAF, US  
[72] STROMINGER, JACK L., US  
[72] FALK, KIRSTEN, US  
[73] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[85] 1999-01-29  
[86] 1997-08-05 (PCT/US1997/013885)  
[87] (WO1998/005684)  
[30] US (08/692,167) 1996-08-05

[11] \* **2,262,277**  
[13] C

[51] **Int.Cl. 6G06F 9/44 6G06F 9/45**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR OPTIMIZING PROGRAM EXECUTION IN A COMPUTER SYSTEM**  
[54] **SYSTEME ET METHODE D'OPTIMISATION DE L'EXECUTION DES PROGRAMMES DANS UN SYSTEME INFORMATIQUE**  
[72] TANDRI, SUDARSAN, CA  
[73] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  
[22] 1999-02-22

[11] **2,262,787**  
[13] C

[51] **Int.Cl. 6G10L 3/02 6H03H 17/00 6H04B 1/12 6G10L 9/14**  
[25] EN  
[54] **METHODS AND DEVICES FOR NOISE CONDITIONING SIGNALS REPRESENTATIVE OF AUDIO INFORMATION IN COMPRESSED AND DIGITIZED FORM**  
[54] **PROCEDES ET DISPOSITIFS POUR CONDITIONNER LE BRUIT DE SIGNAUX REPRESENTATIFS DES INFORMATIONS AUDIO SOUS FORME COMPRISEE ET NUMERISEE**  
[72] CHU, CHUNG CHEUNG, CA  
[72] RABIPOUR, RAFI, CA  
[72] YUE, H.S. PETER, CA  
[73] NORTEL NETWORKS LIMITED, CA  
[85] 1999-02-04  
[86] 1997-10-22 (PCT/CA1997/000780)  
[87] (WO1999/001864)  
[30] US (08/888,276) 1997-07-03

[11] **2,263,247**  
[13] C

[51] **Int.Cl. 6H04L 12/54 6G11B 23/00 6G06F 15/00 6H04N 1/00 6H04L 12/04 6H04N 1/32**  
[25] EN  
[54] **COMMUNICATION APPARATUS AND COMMUNICATION METHOD**  
[54] **APPAREIL ET METHODE DE COMMUNICATION**  
[72] OGAWA, HIDEHIKO, JP  
[73] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP  
[22] 1999-03-01  
[30] JP (10-66226) 1998-03-02

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[11] **2,264,446**  
[13] C

[51] **Int.Cl. 6H04Q 7/32**  
[25] EN  
[54] **POWER SUPPLY APPARATUS AND METHOD FOR MOBILE COMMUNICATION TERMINAL**  
[54] **DISPOSITIF D'ALIMENTATION ET METHODE POUR TERMINAUX DE TELECOMMUNICATIONS MOBILES**  
[72] PARK, JAE-SUN, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 1999-03-05  
[30] KR (7288/1998) 1998-03-05

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[11] **2,265,027**  
[13] C

[51] **Int.Cl. 6H01R 13/46**  
[25] EN  
[54] **COMMUNICATION CABLE TERMINATION**  
[54] **RACCORDEMENT DE CABLE DE COMMUNICATION**  
[72] VINING, LOUIS DEVON, US  
[72] MOFFITT, BRYAN SCOTT, US  
[72] BEECHER, ROBERT LOUIS II, US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 1999-03-08  
[30] US (09/052,528) 1998-03-31

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[11] **2,265,156**  
[13] C

[51] **Int.Cl. 6F16B 33/02 6F16B 35/00**  
[25] EN  
[54] **ANTI-CROSS THREADING FASTENER**  
[54] **DISPOSITIF DE FIXATION ANTI-FAUSSAGE**  
[72] SAVOJI, SEINA, US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 1999-03-10  
[30] US (09/038,462) 1998-03-11

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[11] **2,266,093**  
[13] C

[51] **Int.Cl. 6G02B 26/00**  
[25] EN  
[54] **FIBER OPTIC PRESSURE SENSITIVE OPTICAL SWITCH AND APPARATUS INCORPORATING SAME**  
[54] **COMMUTATEUR OPTIQUE SENSIBLE A LA PRESSION A LIGNE D'ENTREE ET DE SORTIE EN FIBRES OPTIQUES**  
[72] HUMPHREY, ASHLEY C., CA  
[73] HUMPHREY, ASHLEY C., CA  
[22] 1999-03-17  
[30] US (09/044,255) 1998-03-19

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[11] \* **2,266,158**  
[13] C

[51] **Int.Cl. 6H01R 13/05 6H01R 9/09 6H01R 33/76**  
[25] EN  
[54] **CONNECTING DEVICES AND METHOD FOR INTERCONNECTING CIRCUIT COMPONENTS**  
[54] **METHODE ET DISPOSITIFS DE CONNEXION DE COMPOSANTS DE CIRCUITS**  
[72] GUERIN, LUC, CA  
[72] LANDREVILLE, JEAN-LUC, CA  
[72] AUDET, GERALD P., CA  
[73] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  
[22] 1999-03-18

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[11] **2,266,362**  
[13] C

[51] **Int.Cl. 6H04R 1/02 6H04R 7/12**  
[25] EN  
[54] **VEHICULAR LOUDSPEAKER SYSTEM**  
[54] **SYSTEME DE HAUT-PARLEUR POUR VEHICULES**  
[72] WARNAKA, GLENN E., US  
[72] WARNAKA, MARK E., US  
[72] PARRELLA, MICHAEL J., US  
[73] NEW TRANSDUCERS LIMITED, GB  
[85] 1999-03-22  
[86] 1997-09-25 (PCT/US1997/017231)  
[87] (WO1998/013942)  
[30] US (08/720,163) 1996-09-25

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[11] **2,267,575**  
[13] C

[51] **Int.Cl. 6H04L 12/54 6G11B 23/00 6H04L 12/04 6G06F 9/30 6H04N 1/32**  
[25] EN  
[54] **E-MAIL CONVERTING APPARATUS, INTERNET FACSIMILE APPARATUS, AND E-MAIL TRANSMISSION METHOD**  
[54] **APPAREIL DE CONVERSION DU COURRIEL, APPAREIL TELECOPIEUR POUR INTERNET, ET PROCEDE DE TRANSMISSION DU COURRIEL**  
[72] ONUMA, ASAHIRO, JP  
[73] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP  
[22] 1999-03-30  
[30] JP (10-195667) 1998-07-10

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[11] **2,268,349**  
[13] C

[51] **Int.Cl. 6B65D 55/08 6G09F 3/02 6B65C 3/06**  
[25] FR  
[54] **PROCEDE DE MARQUAGE D'OBJETS PAR TRANSFERT A PARTIR D'UN MANCHON EN MATIERE PLASTIQUE THERMORETRACTABLE QUI EST RETRACTE SUR L'OBJET, ET MANCHON DESTINE A LA MISE EN OEUVRE DUDIT PROCEDE**  
[54] **METHOD FOR MARKING OBJECTS BY TRANSFER FROM A SLEEVE TUBE OF HEAT-SHRINKABLE PLASTIC MATERIAL WHICH IS SHRUNK ON THE OBJECT, AND SLEEVE TUBE FOR IMPLEMENTING SAID METHOD**  
[72] FRESNEL, ERIC, FR  
[73] SLEEVEVER INTERNATIONAL COMPANY, FR  
[85] 1999-04-06  
[86] 1997-10-01 (PCT/FR1997/001732)  
[87] (WO1998/015469)  
[30] FR (96/12182) 1996-10-07

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[11] **2,271,063**  
[13] C

[51] **Int.Cl. 6B07C 3/14**  
[25] EN  
[54] **OPTICALLY-GUIDED INDICIA  
READER SYSTEM**  
[54] **SYSTEME DE LECTURE  
D'INSCRIPTIONS A GUIDAGE  
OPTIQUE**  
[72] ALEXANDER, CATHERINE, US  
[72] BONNET, HENRI, US  
[72] BJORNER, JOHANNES A. S., US  
[72] PARDEE, BENNETT, US  
[73] UNITED PARCEL SERVICE OF  
AMERICA, INC., US  
[85] 1999-05-04  
[86] 1998-01-23 (PCT/US1998/001366)  
[87] (WO1998/032545)  
[30] US (08/787,974) 1997-01-23  
[30] US (08/788,852) 1997-01-23

[11] **2,271,883**  
[13] C

[51] **Int.Cl. 6H04Q 11/04 6H04L 12/56**  
[25] EN  
[54] **MANY DIMENSIONAL  
CONGESTION DETECTION SYSTEM  
AND METHOD**  
[54] **DIVERS SYSTEMES ET  
PROCEDES DE DETECTION  
D'ENCOMBREMENT DIMENSIONNEL**  
[72] HOLDEN, BRIAN D., US  
[73] PMC-SIERRA (MARYLAND), INC.,  
CA  
[85] 1999-05-14  
[86] 1997-12-12 (PCT/US1997/022863)  
[87] (WO1998/026628)  
[30] US (60/033,029) 1996-12-12  
[30] US (08/970,882) 1997-11-14

[11] **2,273,140**  
[13] C

[51] **Int.Cl. 6A61K 49/00**  
[25] EN  
[54] **GASEOUS ULTRASOUND  
CONTRAST MEDIA AND METHOD  
FOR SELECTING GASES FOR USE AS  
ULTRASOUND CONTRAST MEDIA**  
[54] **MILIEUX DE CONTRASTE  
GAZEUX POUR ULTRASONS ET  
METHODE DE SELECTION DE GAZ  
POUVANT ETRE UTILISES DANS CES  
MILIEUX**  
[72] QUAY, STEPHEN C., US  
[73] AMERSHAM HEALTH AS (A  
CORPORATION OF NORWAY), NO  
[22] 1992-09-02  
[62] 2,119,129  
[30] US (07/761,311) 1991-09-17  
[30] US (07/893,657) 1992-06-05

[11] **2,273,554**  
[13] C

[51] **Int.Cl. 6G01V 3/20**  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
CONTROLLING THE EFFECT OF  
CONTACT IMPEDENCE ON A  
GALVANIC TOOL IN A LOGGING-  
WHILE-DRILLING APPLICATION**  
[54] **METHODE ET APPAREIL POUR  
CONTROLLER L'EFFET D'IMPEDANCE  
DE CONTACT SUR UN INSTRUMENT  
GALVANIQUE LORS D'UNE  
OPERATION DE DIAGRAPHIE  
EFFECTUEE PENDANT LE FORAGE**  
[72] FREDETTE, MARK A., US  
[72] ROSTHAL, RICHARD A., US  
[72] LI, QIMING, US  
[72] DION, DOMINIQUE, US  
[72] FREY, MARK T., US  
[72] HALL, JAMES STEPHEN, US  
[73] SCHLUMBERGER CANADA  
LIMITED, CA  
[22] 1999-06-02  
[30] US (60/088,238) 1998-06-05  
[30] US (09/320,367) 1999-05-25

[11] **2,274,413**  
[13] C

[51] **Int.Cl. 6F04B 39/02 6F04C 29/02  
6F04C 18/067**  
[25] EN  
[54] **ROTARY COMPRESSOR WITH  
VANE BODY IMMERSED IN  
LUBRICATING FLUID**  
[54] **COMPRESSEUR ROTATIF AYANT  
UN CORPS D'AUBE EN IMMERSION  
DANS UN FLUIDE LUBRIFIANT**  
[72] GANNAWAY, EDWIN L., US  
[73] TECUMSEH PRODUCTS COMPANY,  
US  
[22] 1999-06-07  
[30] US (60/088,754) 1998-06-10  
[30] US (09/324,250) 1999-06-02

[11] **2,276,261**  
[13] C

[51] **Int.Cl. 6F25D 23/00 6F25D 3/00  
6F25D 3/14**  
[25] EN  
[54] **INSULATED CONTAINER**  
[54] **CONTENEUR ISOLE**  
[72] HASE, GARY M., US  
[72] SPANGELO, ASE, GB  
[72] LOZZA, LAURA, NO  
[72] SHOTTON, PAUL, GB  
[72] TRUNDLEY, COLIN, GB  
[73] H & R INDUSTRIES,  
INCORPORATED, US  
[73] NORSK HYDRO ASA, NO  
[22] 1999-06-25  
[30] NO (982971) 1998-06-26

[11] **2,277,558**  
[13] C

[51] **Int.Cl. 6B68B 1/00**  
[25] EN  
[54] **APPARATUS FOR CONTROLLING  
HORSES**  
[54] **APPAREIL POUR MAITRISER LES  
CHEVAUX**  
[72] GRAY, ARTHUR A., US  
[72] SIEGELMAN, ROBERT, US  
[73] GRAY, ARTHUR A., US  
[73] SIEGELMAN, ROBERT, US  
[22] 1999-07-13  
[30] US (09/119,150) 1998-07-20

[11] **2,278,501**  
[13] C

[51] **Int.Cl. 6A01N 65/00**  
[25] EN  
[54] **INSECTICIDAL FACTOR FROM  
FIELD PEAS**  
[54] **AGENT INSECTICIDE EXTRAIT  
DES POIS CULTIVES**  
[72] XIE, YONGSHOU, CA  
[72] FIELDS, PAUL G., CA  
[72] BODNARYK, ROBERT P., CA  
[72] FULCHER, KENNETH A., CA  
[73] HER MAJESTY IN RIGHT OF  
CANADA AS REPRESENTED BY  
AGRICULTURE AND AGRI-FO OD  
CANADA, CA  
[85] 1999-07-22  
[86] 1998-01-27 (PCT/CA1998/000028)  
[87] (WO1998/033388)  
[30] US (08/790,986) 1997-01-29

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[11] **2,278,561**  
[13] C

[51] **Int.Cl. 6A61M 25/00**  
[25] EN  
[54] **DOUBLE LUMEN TUBING DESIGN FOR CATHETER**  
[54] **CONFIGURATION DE TUBAGE A DEUX LUMIERES POUR CATHETER**  
[72] SIMAN, JAIME, US  
[73] EDWARDS LIFESCIENCES CORPORATION, US  
[85] 1999-07-22  
[86] 1998-01-29 (PCT/US1998/001702)  
[87] (WO1998/032480)  
[30] US (08/791,079) 1997-01-29  
[30] US (09/015,049) 1998-01-28

[11] **2,279,564**  
[13] C

[51] **Int.Cl. 6G01D 3/032 6G06T 1/00 6G01N 27/90**  
[25] EN  
[54] **SIGNAL PROCESSING APPARATUS**  
[54] **DISPOSITIF DE TRAITEMENT DE SIGNAL**  
[72] MATSUMOTO, MITSUYOSHI, JP  
[72] KAWATA, KAYOKO, JP  
[72] KUMANO, SHINTARO, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1999-08-03  
[30] JP (233627/1998) 1998-08-05

[11] **2,281,244**  
[13] C

[51] **Int.Cl. 6C07D 471/04 6C07D 209/52**  
[25] EN  
[54] **PROCESS FOR PREPARING TROVAFLOXACIN ACID SALTS**  
[54] **PROCEDE DE PREPARATION DE SELS ACIDES DE TROVAFLOXACINE**  
[72] NORRIS, TIMOTHY, US  
[72] ROSE, PETER ROBERT, US  
[72] DEVRIES, KEITH MICHAEL, US  
[73] PFIZER PRODUCTS INC., US  
[22] 1999-09-01  
[30] US (60/098,944) 1998-09-03

[11] **2,282,189**  
[13] C

[51] **Int.Cl. 6B22D 17/22 6B22D 17/00 6B22D 29/00 6F16H 55/17**  
[25] EN  
[54] **SPIRAL AND HYPOID TOOTH MEMBER AND METHOD AND DEVICE FOR FORMING SAME**  
[54] **RESSORT SPIRAL ET ELEMENT A DENTS HYPOIDES, ET METHODE ET DISPOSITIF DE FABRICATION**  
[72] STEVENS, ROBERT J., US  
[72] MCINERNEY, TERRANCE M., US  
[73] IMPACT FORGE, INC., US  
[22] 1999-09-15  
[30] US (09/170598) 1998-10-13

[11] **2,282,313**  
[13] C

[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **METHODS AND APPARATUS FOR CONTROLLING ALLOCATION OF TRAFFIC CHANNELS IN MACROCELL/MICROCELL TELECOMMUNICATIONS NETWORKS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE COMMANDER L'AFFECTATION DE VOIES DE TRAFIC DANS DES RESEAUX DE TELECOMMUNICATIONS A MACROCELLULES/MICROCELLULES**  
[72] FAPOJUWO, ABRAHAM O., CA  
[73] NORTEL NETWORKS LIMITED, CA  
[85] 1999-08-19  
[86] 1998-03-25 (PCT/CA1998/000276)  
[87] (WO1998/046031)  
[30] US (08/832,635) 1997-04-04

[11] **2,283,183**  
[13] C

[51] **Int.Cl. 6G05B 23/02**  
[25] EN  
[54] **A MONITORING SYSTEM**  
[54] **SYSTEME DE CONTROLE**  
[72] MILNE, ROBERT WILLIAM, GB  
[72] NICOL, CHARLES JARVIS, GB  
[73] TFX GROUP LIMITED, GB  
[85] 1999-09-10  
[86] 1998-03-13 (PCT/GB1998/000753)  
[87] (WO1998/040800)  
[30] GB (9705186.6) 1997-03-13

[11] **2,285,246**  
[13] C

[51] **Int.Cl. 6B23D 23/00 6B21B 15/00 6B23D 35/00 6B23D 33/02**  
[25] EN  
[54] **MULTIPLE BAR STRAIGHTENING AND CUTTING SYSTEM IN BAR STEEL ROLLING LINE**  
[54] **SYSTEME DE REDRESSAGE ET DE COUPE MULTI-BARRES DANS UNE CHAINE DE LAMINAGE D'ACIER EN BARRES**  
[72] AOYAMA, SOICHI, JP  
[72] MIZUNO, KOJI, JP  
[72] MEHARA, AKIO, JP  
[73] JP STEEL PLANTECH CO., JP  
[85] 1999-09-30  
[86] 1999-01-27 (PCT/JP1999/000326)  
[87] (WO1999/038637)  
[30] JP (10/21156) 1998-02-02  
[30] JP (10/21157) 1998-02-02  
[30] JP (10/21159) 1998-02-02  
[30] JP (10/33266) 1998-02-16

[11] **2,287,330**  
[13] C

[51] **Int.Cl. 6F04D 29/42 6F04D 29/66**  
[25] EN  
[54] **TANGENTIAL FAN CUTOFF**  
[54] **ATTENUATEUR ACOUSTIQUE TANGENTIEL POUR VENTILATEUR**  
[72] ROCKWOOD, WILLIAM B., US  
[72] SMILEY, WILLIAM A., III, US  
[73] AMERICAN STANDARD INTERNATIONAL INC., US  
[85] 1999-10-25  
[86] 1998-03-25 (PCT/US1998/005819)  
[87] (WO1998/050702)  
[30] US (08/850,172) 1997-05-02

[11] **2,287,642**  
[13] C

[51] **Int.Cl. 6H04L 12/26 6H04L 1/20**  
[25] EN  
[54] **A PROCESS AND DEVICE TO MEASURE THE SIGNAL QUALITY OF A DIGITAL INFORMATION TRANSMISSION SYSTEM**  
[54] **PROCESSUS ET DISPOSITIF DE MESURE DE LA QUALITE DES SIGNAUX D'UN SYSTEME DE TRANSMISSION D'INFORMATION NUMERIQUE**  
[72] BACH, ROLAND, DE  
[72] HOYER, WOLFGANG, DE  
[72] DOLLINGER, HELMUT, DE  
[73] WAVETEK WANDEL GOLTERMANN ENINGEN GMBH, DE  
[22] 1999-10-27  
[30] DE (198 50 567.1) 1998-11-02

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[51] **Int.Cl. 6C07D 471/04 6C07D 215/42**  
[25] EN  
[54] **1-SUBSTITUTED, 2-SUBSTITUTED 1H-IMIDAZO[4,5-C]QUINOLIN-4-AMINES**  
[54] **1H-IMIDAZO-[4,5-C]QUINOLINE-4-AMINES SUBSTITUEES EN 1 ET EN 2**  
[72] GERSTER, JOHN F., US  
[72] LINDSTROM, KYLE J., US  
[72] CROOKS, STEPHEN L., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[22] 1992-02-20  
[62] 2,104,782  
[30] US (07/662,926) 1991-03-01  
[30] US (07/687,326) 1991-04-18

[11] **2,290,004**  
[13] C

[51] **Int.Cl. 7A23J 1/14**  
[25] EN  
[54] **ISOFLAVONE RICH PROTEIN ISOLATE AND PROCESS FOR PRODUCING**  
[54] **ISOLAT DE PROTEINE RICHE EN ISOFLAVONE ET PROCEDE POUR SA PRODUCTION**  
[72] BRYAN, BARBARA A., US  
[72] GUEVARA, BALAGTAS F., US  
[73] PROTEIN TECHNOLOGIES INTERNATIONAL, INC., US  
[22] 1999-11-17

[11] **2,290,020**  
[13] C

[51] **Int.Cl. 7A61B 18/00**  
[25] EN  
[54] **ELECTRO-SURGICAL BLADE WITH A CONDUCTIVE, NON-STICK COATING**  
[54] **LAME ELECTROCHIRURGICALE AVEC REVETEMENT CONDUCTEUR NON ADHERANT**  
[72] KUMAR, B. AJIT, US  
[72] KHANWILKAR, PRATAP, US  
[72] OLSEN, DON B., US  
[72] GURUSWAMY, SIVARAMAM, US  
[73] MEDQUEST PRODUCTS, INC., US  
[73] UNIVERSITY OF UTAH, US  
[85] 1999-10-29  
[86] 1997-06-04 (PCT/US1997/009506)  
[87] (WO1998/048714)  
[30] US (08/846,268) 1997-04-30

[11] **2,291,428**  
[13] C

[51] **Int.Cl. 7H04M 1/20 7H04B 3/21 7H04M 1/60 7H04M 1/74**  
[25] EN  
[54] **IMPROVED METHOD OF OPERATING A FULL DUPLEX SPEAKERPHONE ECHO CANCELLER**  
[54] **METHODE AMELIOREE D'UTILISATION D'UN ANNULATEUR D'ECHO POUR TELEPHONE A HAUT-PARLEUR EN DUPLEX TOTAL**  
[72] POPOVIC, MIRJANA, CA  
[72] MCLEOD, ROB, CA  
[73] ZARLINK SEMICONDUCTOR INC., CA  
[22] 1999-12-01  
[30] GB (9826501.0) 1998-12-02

[11] **2,291,692**  
[13] C

[51] **Int.Cl. 7G06F 11/22**  
[25] EN  
[54] **COMMUNICATION EQUIPMENT**  
[54] **EQUIPEMENT DE COMMUNICATION**  
[72] NAGOYA, MITSUGU, JP  
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[73] KOKEN CO., LTD., JP  
[85] 1999-11-29  
[86] 1998-05-28 (PCT/JP1998/002356)  
[87] (WO1998/055925)  
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[11] **2,292,164**  
[13] C

[51] **Int.Cl. 7A01D 57/20 7A01D 61/02 7F16G 3/06**  
[25] EN  
[54] **DRAPER BELT CONNECTOR ASSEMBLY FOR A HARVESTING MACHINE**  
[54] **CONNECTEUR DE TOILE DE CONVOYEUR DE MOISSONNEUSE**  
[72] TELLER, THOMAS G., US  
[72] WATTS, BRADLEY JAMES, US  
[72] KMOCH, DAVID WALTER, US  
[73] DEERE & COMPANY, US  
[22] 1999-12-14  
[30] US (09/321,368) 1999-05-27

[11] **2,292,771**  
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[51] **Int.Cl. 7G06F 11/22 7G01R 31/28**  
[25] EN  
[54] **COMMUNICATION SYSTEM**  
[54] **SYSTEME DE COMMUNICATION**  
[72] NAGOYA, MITSUGU, JP  
[73] KOKEN CO., LTD., JP  
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[85] 1999-11-29  
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[87] (WO1998/058317)  
[30] JP (9/143804) 1997-06-02

[11] **2,295,226**  
[13] C

[51] **Int.Cl. 7H04M 3/26**  
[25] EN  
[54] **METHOD OF AND DEVICE FOR MEASURING ECHO PARAMETERS ON TELEPHONE LINES**  
[54] **PROCEDE ET DISPOSITIF DE MESURE DES PARAMETRES D'ECHO SUR LES LIGNES TELEPHONIQUES**  
[72] MANZONE, GUIDO, IT  
[72] ALLASIA, ANDREA, IT  
[73] TELECOM ITALIA S.P.A., IT  
[85] 1999-12-23  
[86] 1998-07-07 (PCT/EP1998/004216)  
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[30] IT (TO97A000626) 1997-07-11

[11] **2,296,553**  
[13] C

[51] **Int.Cl. 7C11D 11/00 7C11D 11/04 7C11D 17/06 7C11D 1/22 7C11D 1/29**  
[25] EN  
[54] **PROCESS FOR MAKING A LOW DENSITY DETERGENT COMPOSITION BY CONTROLLING AGGLOMERATION VIA PARTICLE SIZE**  
[54] **PROCEDE D'OBTENTION D'UNE COMPOSITION DETERGENTE A FAIBLE DENSITE EN MAITRISANT L'AGGLOMERATION PAR LA REPARTITION GRANULOMETRIQUE**  
[72] MORT, PAUL III, US  
[72] BEER, ALLEN DALE, US  
[72] JONES, RICCI JOHN, US  
[72] SULLIVAN, MILLARD, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-01-12  
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[51] Int.Cl. 7H04M 1/26  
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CORDLESS TELEPHONE  
[54] SIGNAL DE  
TELEAVERTISSEMENT POUR  
TELEPHONE SANS CORDON  
[72] JOHANSON, JAMES A., US  
[72] MOONEY, PHILIP D., US  
[72] CANNON, JOSEPH M., US  
[73] LUCENT TECHNOLOGIES INC., US  
[22] 2000-01-18  
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[51] Int.Cl. 7G09F 9/30 7H05B 33/12  
[25] EN  
[54] ELECTRON SOURCE, AND  
IMAGE-FORMING APPARATUS AND  
METHOD OF DRIVING THE SAME  
[54] SOURCE D'ELECTRONS ET  
APPAREIL D'IMAGERIE ET  
METHODE D'ALIMENTATION DE CET  
APPAREIL  
[72] ISONO, AOJI, JP  
[72] TOSHIMA, HIROAKI, JP  
[72] NAKAMURA, NAOTO, JP  
[72] MISHINA, SHINYA, JP  
[72] TAKEDA, TOSHIHIKO, JP  
[72] TODOKORO, YASUYUKI, JP  
[72] YAMANOE, MASATO, JP  
[72] YAMAGUCHI, EIJI, JP  
[72] OSADA, YOSHIYUKI, JP  
[72] NOMURA, ICHIRO, JP  
[72] KANEKO, TETSUYA, JP  
[72] KAWADE, HISAAKI, JP  
[72] SATO, YASUE, JP  
[72] KASANUKI, YUJI, JP  
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[11] 2,300,313  
[13] C  
[51] Int.Cl. 7G07C 9/00 7G01P 13/00  
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[25] EN  
[54] SYSTEM FOR DETECTING AN  
OBJECT PASSING THROUGH A GATE  
[54] SYSTEME DE DETECTION DU  
PASSAGE D'UN OBJET DANS UN  
ACCES  
[72] KIM, JAE HAN, KR  
[73] KIM, JAE HAN, KR  
[22] 2000-03-09  
[30] KR (1999-9593) 1999-03-22

[11] 2,301,359  
[13] C  
[51] Int.Cl. 7B60S 1/62 7B60P 1/00 7B60P  
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[25] EN  
[54] TRAILER FLOOR CLEANING  
SYSTEM  
[54] SYSTEME DE NETTOYAGE DE  
PLANCHER DE REMORQUE  
[72] SHELBY, DAVID E., CA  
[73] EDGEMOUNT MANUFACTURING  
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[30] US (09/517,875) 2000-03-02

[11] 2,302,623  
[13] C  
[51] Int.Cl. 7H01F 41/02  
[25] EN  
[54] METHOD FOR MANUFACTURING  
A PENCIL-SHAPED CORE  
[54] METHODE DE FABRICATION  
D'UN CRAYON ATMOSPHERIQUE  
[72] LATKOW, GARY G., US  
[73] TEMPEL STEEL COMPANY, US  
[22] 2000-03-28  
[30] US (09/281,942) 1999-03-31

[11] 2,303,916  
[13] C  
[51] Int.Cl. 7G06F 17/40  
[25] EN  
[54] KNOWLEDGE-BASED EXPERT  
INTERACTIVE SYSTEM FOR PAIN  
[54] SYSTEME INTERACTIF EXPERT  
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[72] BRYNJESTAD, ULF, US  
[73] NOVATELLIGENCE, INC., US  
[85] 2000-03-17  
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[87] (WO1999/013942)  
[30] US (08/932,256) 1997-09-17

[11] 2,305,281  
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[51] Int.Cl. 6B05B 11/00  
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[54] MANUALLY OPERABLE  
DISPENSING PUMP  
[54] POMPE DE DISTRIBUTION A  
ACTIONNEMENT MANUEL  
[72] MILLER, ALLEN D., US  
[72] CRAPSER, JAMES R., US  
[72] CORBA, ROBERT E., US  
[72] HOUSER, DAVID J., US  
[72] DEMAREST, SCOTT W., US  
[72] DANCS, IMRE J., US  
[73] S.C. JOHNSON & SON, INC., US  
[85] 2000-04-07  
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[87] (WO1999/019075)  
[30] US (08/950,342) 1997-10-14

[11] 2,306,435  
[13] C  
[51] Int.Cl. 7A44B 19/24 7A44B 19/60  
[25] EN  
[54] SLIDE FASTENER CHAIN,  
METHOD AND APPARATUS FOR  
FORMING END THEREOF  
[54] CHAINE A FERMETURE A  
GLISSIERE, METHODE ET  
DISPOSITIF DE BOUCLAGE  
[72] KUSE, KAZUKI, JP  
[72] MATSUMOTO, MASAO, JP  
[72] SHIMAI, HIDEO, JP  
[72] YAMAKAWA, MITSURU, JP  
[73] YKK CORPORATION, JP  
[22] 2000-04-20  
[30] JP (11-115078) 1999-04-22  
[30] JP (2000-65997) 2000-03-10

[11] 2,306,595  
[13] C  
[51] Int.Cl. 7A61K 35/78 7A61K 31/197  
[25] EN  
[54] METHOD FOR RETAINING OR  
ENRICHING Y-AMINOBUTYLIC ACID  
IN GRASS GREEN LEAVES  
[54] METHODE DE RETENTION ET  
D'AUGMENTATION EN ACIDE Y-  
AMINOBUTYLIQUE DANS LES  
FEUILLES D'HERBES  
[72] HATTORI, TOSHIMITSU, JP  
[73] TOYO SHINYAKU CO., LTD., JP  
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[51] **Int.Cl. 6F25B 31/00 6F01P 5/10  
6F04D 13/12 6F01M 1/12**  
[25] EN  
[54] **OIL AND REFRIGERANT PUMP  
FOR CENTRIFUGAL CHILLER**  
[54] **POMPE A HUILE ET A  
FRIGORIGENE POUR DISPOSITIF  
FRIGORIFIQUE CENTRIFUGE**  
[72] TISCHER, JAMES C., US  
[73] AMERICAN STANDARD INC., US  
[85] 2000-04-19  
[86] 1998-09-28 (PCT/US1998/020244)  
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[13] C

[51] **Int.Cl. 7F24F 13/20**  
[25] EN  
[54] **DRYER OUTDOOR VENT WITH  
REMOVABLE GRILL**  
[54] **CONDUIT D'EVACUATION DE  
SECHEUSE A GRILLE AMOVIBLE**  
[72] GAGNON, FRANCOIS, CA  
[73] IMPERIAL SHEET METAL LTD., CA  
[22] 2000-06-21

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[13] C

[51] **Int.Cl. 7H02G 3/00 7A47B 95/00  
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[25] EN  
[54] **WIRE MANAGEMENT SYSTEM  
AND ASSEMBLIES THEREFOR**  
[54] **SYSTEME DE GESTION DE  
CABLAGE ET DISPOSITIFS  
CORRESPONDANTS**  
[72] SCHMIDT, CLAYTON C., US  
[72] OLSON, OGDEN R., US  
[73] HON INDUSTRIES INC., US  
[22] 1993-07-22  
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[13] C

[51] **Int.Cl. 7A22C 17/02**  
[25] EN  
[54] **LOIN PULLER FOR TRIMMING  
OFF THE FAT FROM THE LOIN OF A  
CARCASS-HALF**  
[54] **APPAREIL D'EXTRACTION DE LA  
LONGE POUR LE PARAGE DU GRAS  
DE LA LONGE D'UNE DEMI-  
CARCASSE**  
[72] ROY, JEAN-GUY, CA  
[72] DUFOUR, YVON, CA  
[72] FAURET, PATRICK, CA  
[73] G.-E. LEBLANC INC., CA  
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[13] C

[51] **Int.Cl. 7E04C 1/00**  
[25] EN  
[54] **CONCRETE BLOCK FOR  
ELEVATING AND RETAINING  
SURFACES**  
[54] **BLOC DE BETON SERVANT A  
MONTER ET A RETENIR DES  
SURFACES**  
[72] GRAHAM, GORDON, CA  
[73] INNOVATIVE BLOCK INC., CA  
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[30] CA (2,288,914) 1999-11-04

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[11] **2,314,675**  
[13] C

[51] **Int.Cl. 7A45C 3/06**  
[25] EN  
[54] **IMPROVED  
COMPARTMENTALIZED HANDBAG  
HAVING STREAMLINED EXTERIORS**  
[54] **SAC A MAIN COMPARTIMENTE  
AMELIORE A EXTERIEUR PROFILE**  
[72] MAGID, RUTH, AU  
[73] MAGID, RUTH, AU  
[22] 2000-07-27  
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[13] C

[51] **Int.Cl. 7H04M 3/26**  
[25] EN  
[54] **METHOD OF LEARNING THE  
CHARACTERISTICS OF A  
TELEPHONE**  
[54] **METHODE POUR APPRENDRE  
LES CARACTERISTIQUES D'UN  
TELEPHONE**  
[72] STELMAN, BRUCE W., US  
[73] HELLO DIRECT, INC., US  
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[11] **2,319,278**  
[13] C

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[54] **MICROWAVE OVEN**  
[54] **FOUR A MICRO-ONDES**  
[72] KIM, SUN-KI, KR  
[73] SAMSUNG ELECTRONICS CO.,  
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[13] C

[51] **Int.Cl. 7H05B 37/02 7F21V 23/00**  
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[54] **LED READING LIGHT**  
[54] **LISEUSE A DIODES  
ELECTROLUMINESCENTES**  
[72] REISENAUER, WILLIAM E., US  
[72] GLOISTEN, JENNIFER L., US  
[72] PAWELKO, TOLEK, US  
[73] AEROSPACE LIGHTING  
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[25] EN  
[54] FUNCTIONALIZED ALKYL AND ALKENYL SIDE CHAIN DERIVATIVES OF GLYCINAMIDES AS FARNESYL TRANSFERASE INHIBITORS  
[54] DERIVES FONCTIONNALISES DE GLYCINAMIDES, A CHAINE LATERALE ALKYLE ET ALCENYLE, UTILISES COMME INHIBITEURS DE LA FARNESYL-TRANSFERASE  
[72] QUIN, JOHN III, US  
[72] KALTENBRONN, JAMES STANLEY, US  
[72] MCNAMARA, DENNIS JOSEPH, US  
[72] LEONARD, DANIELE MARIE, US  
[72] DOHERTY, ANNETTE MARIAN, FR  
[73] WARNER-LAMBERT COMPANY LLC, US  
[85] 2000-09-06  
[86] 1999-03-19 (PCT/US1999/006090)  
[87] (WO1999/055725)  
[30] US (60/083,255) 1998-04-27

[11] 2,325,152  
[13] C  
[51] Int.Cl. 7G06F 1/16 7G06F 19/00  
[25] EN  
[54] INSULATED MOBILE COMPUTER  
[54] ORDINATEUR MAINS LIBRES ISOLE PORTE SUR SOI  
[72] JENKINS, MICHAEL D., US  
[72] NEWMAN, EDWARD G., US  
[73] XYBERNAUT CORPORATION, US  
[22] 2000-11-06  
[30] US (09/550,133) 2000-04-17

[11] 2,335,997  
[13] C  
[51] Int.Cl. 6A61M 1/36 6A61F 7/12  
[25] EN  
[54] SELECTIVE ORGAN COOLING APPARATUS AND METHOD  
[54] PROCEDE ET APPAREIL DE REFROIDISSEMENT D'UN ORGANE SELECTIONNE  
[72] LASHERAS, JUAN C., US  
[72] DOBAK, JOHN D., III, US  
[73] INNERCOOL THERAPIES, INC., US  
[85] 2000-12-22  
[86] 1999-06-15 (PCT/US1999/013516)  
[87] (WO1999/066970)  
[30] US (09/103,342) 1998-06-23  
[30] US (09/215,038) 1998-12-16

[11] 2,358,342  
[13] C  
[51] Int.Cl. 7H04N 1/46 7H04N 1/56 7H04N 1/64  
[25] EN  
[54] COLOR FACSIMILE APPARATUS  
[54] APPAREIL REPRODUISANT COPIE COULEUR  
[72] KIZAWA, MAKOTO, JP  
[73] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP  
[22] 1997-07-17  
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[30] JP (9/17485) 1997-01-14

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[13] C  
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[25] EN  
[54] ELECTRONIC STRINGED MUSICAL INSTRUMENT  
[54] INSTRUMENT DE MUSIQUE A CORDES ELECTRONIQUE  
[72] PARADIS, JEAN-PIERRE, CA  
[72] FASANO, UBALDO (DECEASED), FR  
[72] OKULOV, PAUL, CA  
[73] THE GUITRON CORPORATION, CA  
[85] 2001-08-02  
[86] 2000-02-02 (PCT/CA2000/000091)  
[87] (WO2000/046785)  
[30] US (60/118,525) 1999-02-02

[11] 2,371,506  
[13] C  
[51] Int.Cl. 7B65G 33/10 7B65G 33/24  
[25] EN  
[54] GRANULAR MATERIAL CONVEYOR  
[54] CONVOYEUR DE MATERIAUX GRANULEUX  
[72] LEPAGE, CHARLES, CA  
[73] LEPAGE, CHARLES, CA  
[22] 2002-02-13  
[30] US (09/828,009 CIP) 2001-04-06

[11] 2,379,330  
[13] C  
[51] Int.Cl. 7H04N 7/26 7H04N 7/015  
[25] EN  
[54] VIDEO PROCESSING METHOD AND APPARATUS  
[54] METHODE ET APPAREIL DE TRAITEMENT DE SIGNAUX VIDEO  
[72] SCHURE, LOUIS, US  
[72] DHEIN, ROBERT, US  
[72] CERULLO, ALBERT, US  
[72] GLASS, GREGORY, US  
[73] NEW YORK INSTITUTE OF TECHNOLOGY, US  
[22] 1991-03-29  
[62] 2,332,185  
[30] US (502,519) 1990-03-30  
[30] US (579,146) 1990-09-07

[11] 2,380,396  
[13] C  
[51] Int.Cl. 7H04R 25/00 7H04R 3/00  
[25] EN  
[54] HEARING AID WITH ADAPTIVE MATCHING OF MICROPHONES  
[54] APPAREIL AUDITIF AVEC AJUSTEMENT ADAPTATIF DE MICROPHONES  
[72] JENSEN, LARS BAEKGAARD, DK  
[73] WIDEX A/S, DK  
[85] 2002-01-24  
[86] 1999-08-03 (PCT/EP1999/005621)  
[87] (WO2001/010169)

[11] 2,382,558  
[13] C  
[51] Int.Cl. 7G06F 9/45  
[25] EN  
[54] METHOD OF MARKUP LANGUAGE ACCESSING OF HOST SYSTEMS AND DATA USING A CONSTRUCTED INTERMEDIARY  
[54] PROCEDE D'ACCES EN LANGAGE DE BALISAGE POUR DES SYSTEMES HOTES ET DES DONNEES AU MOYEN D'UN INTERMEDIAIRE CONSTRUIT  
[72] VERMEIRE, DEAN R., US  
[72] MURPHY, GARY L., US  
[73] TOUCHNET INFORMATION SYSTEMS, INC., US  
[85] 2002-02-20  
[86] 2000-08-29 (PCT/US2000/023694)  
[87] (WO2001/016732)  
[30] US (09/385,903) 1999-08-30

# Canadian Laid-Open Applications

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27 avril 2003 - 3 mai 2003

[21] <b>2,360,048</b> [13] A1 [51] <b>Int.Cl. 7A62B 35/00</b> [25] EN [54] <b>THE HARNESS</b> [54] <b>HARNAIS</b> [72] ABNER, BILLY, CA [71] ABNER, BILLY, CA [22] 2001-10-29 [43] 2003-04-29	[21] <b>2,360,408</b> [13] A1 [51] <b>Int.Cl. 7A62D 3/00 7B01D 3/00 7B01F 1/00 7B01F 3/08</b> [25] EN [54] <b>PROCESS FOR DESTRUCTION OF HALOGENATED ORGANIC COMPOUNDS IN SOLIDS</b> [54] <b>PROCEDE DE DESTRUCTION DE COMPOSES ORGANIQUES HALOGENES DANS DES SOLIDES</b> [72] WYLIE, IAN GORDON NORMAN, CA [72] DOMINELLI, NICOLA, CA [72] LEE, KEITH CHEUKLAP, CA [71] POWERTECH LABS INC., CA [22] 2001-10-29 [43] 2003-04-29	[21] <b>2,360,468</b> [13] A1 [51] <b>Int.Cl. 7A01D 61/00 7B65G 41/00 7B65G 33/14 7A01F 12/46</b> [25] EN [54] <b>AUGER CONVEYOR WITH FRAMEWORK TO SUPPORT TUBE</b> [54] <b>TRANSPORTEUR A VIS SANS FIN AVEC CADRE-SUPPORT DE TUBE</b> [72] WADZURA, LORNE, CA [71] I-MECH ENGINEERING INC., CA [22] 2001-10-30 [43] 2003-04-30
[21] <b>2,360,291</b> [13] A1 [51] <b>Int.Cl. 7G06F 17/50</b> [25] EN [54] <b>METHOD AND PROGRAM PRODUCT FOR DESIGNING HIERARCHICAL CIRCUIT FOR QUIESCENT CURRENT TESTING AND CIRCUIT PRODUCED THEREBY</b> [54] <b>METHODE ET ET PROGICIEL DE CONCEPTION DE CIRCUITS HIERARCHIQUES DE TEST AU COURANT DE REPOS ET CIRCUIT PRODUIT SELON CETTE METHODE</b> [72] COTE, JEAN-FRANCOIS, CA [72] NADEAU-DOSTIE, BENOIT, CA [71] LOGICVISION, INC., US [22] 2001-10-30 [43] 2003-04-30	[21] <b>2,360,455</b> [13] A1 [51] <b>Int.Cl. 7G01K 11/10 7F27D 21/00</b> [25] EN [54] <b>A DEVICE FOR CONTINUOUSLY MEASURING THE TEMPERATURE IN PELLETIZING FURNACES</b> [54] <b>DISPOSITIF DE MESURAGE EN CONTINU DE LA TEMPERATURE DANS LES FOURS DE FRITTAGE</b> [72] CHATEAUBRIAND DE SOUZA, CLAUDEMIR, BR [72] YAMANE, NOBORU, BR [71] COMPANHIA VALE DO RIO DOCE, BR [22] 2001-10-29 [43] 2003-04-29	[21] <b>2,360,469</b> [13] A1 [51] <b>Int.Cl. 7B62D 13/04 7A01B 69/00</b> [25] EN [54] <b>AGRICULTURAL WAGON HAVING ALL-WHEEL STEERING</b> [54] <b>REMORQUE AGRICOLE A TOUTES ROUES DIRECTRICES</b> [72] PLATTEEUW, ANTHONY M., CA [72] WILSON, ERNEST L., CA [71] PLATTEEUW, ANTHONY M., CA [71] WILSON, ERNEST L., CA [22] 2001-10-30 [43] 2003-04-30
[21] <b>2,360,394</b> [13] A1 [51] <b>Int.Cl. 7E04B 1/38 7E04B 1/18 7E04B 1/343 7E04B 1/76</b> [25] EN [54] <b>STRUCTURAL BUILDING SYSTEM</b> [54] <b>SYSTEME DE CONSTRUCTION STRUCTURAL</b> [72] RIVERS, CLIFFORD HENRY, CA [71] RIVERS PANEL TECHNOLOGY INC., CA [22] 2001-10-29 [43] 2003-04-29	[21] <b>2,360,460</b> [13] A1 [51] <b>Int.Cl. 7C09K 11/00</b> [25] EN [54] <b>LIQUOR CONCOCTING BAR</b> [54] <b>BATONNET LUMINEUX A COCKTAIL</b> [72] LIU, KER-CHUAN, TW [71] KAI GEE ENTERPRISE CO., LTD., TW [22] 2001-10-29 [43] 2003-04-29	[21] <b>2,360,474</b> [13] A1 [51] <b>Int.Cl. 7A01D 61/00 7B65G 41/00 7B65G 33/14 7A01F 12/46</b> [25] EN [54] <b>PORTABLE DRIVE-OVER AUGER</b> [54] <b>TARIERE PORTABLE</b> [72] HUNDEBY, DAVE, CA [71] HUNDEBY, DAVE, CA [22] 2001-10-30 [43] 2003-04-30

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[21] **2,360,510**  
[13] A1  
[51] **Int.Cl. 7B29B 17/02 7C08J 11/00 7B08B 5/04**  
[25] EN  
[54] **METHOD APPARATUS FOR SEPARATING UNWANTED MATTER FROM GRANULAR MATERIAL**  
[54] **METHODE ET APPAREIL DE SEPARATION DES FINES D'UN FLUX DE MATERIAU GRANULAIRE**  
[72] VAN OIRSCHOT, FRANK, CA  
[71] INDUSTRIAL METAL FABRICATIONS (CHATHAM) INC., CA  
[22] 2001-10-30  
[43] 2003-04-30

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[21] **2,360,512**  
[13] A1  
[51] **Int.Cl. 7E06B 7/30**  
[25] EN  
[54] **THE DOOR MIRROR VIEWER**  
[54] **JUDAS ELECTRONIQUE**  
[72] BAHRAYNI-MOGHADDAM, KHOSROW, CA  
[71] BAHRAYNI-MOGHADDAM, KHOSROW, CA  
[22] 2001-10-30  
[43] 2003-04-30

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[21] **2,360,610**  
[13] A1  
[51] **Int.Cl. 7G09F 19/00 7G09F 7/00 7G09F 15/00**  
[25] EN  
[54] **DISPLAY PANEL SYSTEM**  
[54] **SYSTEME D'ASSEMBLAGE DE PANNEAUX D'EXPOSITION**  
[72] MARTIN, BRUCE, CA  
[72] GATES, CLIFF, CA  
[72] SOULIS, GEORGE N., CA  
[71] FAKESPACE SYSTEMS, INC., CA  
[22] 2001-10-29  
[43] 2003-04-29

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[21] **2,360,611**  
[13] A1  
[51] **Int.Cl. 7C08F 10/10 7C08F 4/647**  
[25] EN  
[54] **TRANSITION METAL-FREE INITIATOR FOR THE PREPARATION OF ISOBUTYLENE-BASED POLYMERS**  
[54] **INITIATEUR EXEMPT DE METAUX DE TRANSITION POUR LA PREPARATION DE POLYMERES A BASE D'ISOBUTYLENE**  
[72] BAIRD, MICHAEL C., CA  
[72] TSE, CALVIN, CA  
[72] DREWITT, MARK J., CA  
[72] KUMAR, RAJESH K., CA  
[71] BAYER INC., CA  
[22] 2001-10-30  
[43] 2003-04-30

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[21] **2,360,626**  
[13] A1  
[51] **Int.Cl. 7E21B 43/267**  
[25] EN  
[54] **METHOD FOR FRACTURING SUBTERRANEAN FORMATIONS**  
[54] **METHODE DE FRACTURATION DE FORMATIONS SOUTERRAINES**  
[72] GUPTA, D. V. SATYANARAYANA, CA  
[72] TUDOR, ERIC HUGHSON, CA  
[71] BJ SERVICES COMPANY CANADA, CA  
[22] 2001-10-30  
[43] 2003-04-30

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[21] **2,360,631**  
[13] A1  
[51] **Int.Cl. 7A01M 21/00 7A01M 7/00 7A01D 41/12**  
[25] EN  
[54] **SPRAYER APPARATUS FOR HARVEST HEADER**  
[54] **PULVERISATEUR POUR TETE DE MOISSONNEUSE**  
[72] HUNDEBY, DAVE, CA  
[71] HUNDEBY, DAVE, CA  
[22] 2001-10-30  
[43] 2003-04-30

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[21] **2,360,634**  
[13] A1  
[51] **Int.Cl. 7E06B 1/26 7E05D 7/04**  
[25] EN  
[54] **CASEMENT WINDOW SYSTEM AND COMPONENTS AND HARDWARE THEREFOR**  
[54] **FENETRES A BATTANTS, COMPOSANTS ET QUINCAILLERIE DE FENETRES A BATTANTS**  
[72] RANGABASYAM, MADAN CHANDRAGIRI, CA  
[72] EDGER, RONALD FREDRICK, CA  
[71] ROYAL GROUP TECHNOLOGIES LIMITED, CA  
[22] 2001-10-30  
[43] 2003-04-30

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[21] **2,360,636**  
[13] A1  
[51] **Int.Cl. 7G07G 1/00 7G07G 3/00**  
[25] EN  
[54] **CASH DRAWER PROTECTION SYSTEM**  
[54] **SYSTEME DE PROTECTION DE TIROIR-CAISSE**  
[72] GUND, SONJA S., US  
[71] GUND, SONJA S., US  
[22] 2001-10-30  
[43] 2003-04-30

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[21] **2,360,645**  
[13] A1  
[51] **Int.Cl. 7G06F 17/00 7G06F 17/30**  
[25] EN  
[54] **DYNAMIC GENERIC FRAMEWORK FOR DISTRIBUTED TOOLING**  
[54] **INFRASTRUCTURE GENERIQUE POUR LA CREATION DYNAMIQUE D'OUTILLAGE REPARTI**  
[72] MCKNIGHT, DAVID K., CA  
[72] CECCO, ROBERT S., CA  
[72] TURNHAM, JEFFREY C., CA  
[71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  
[22] 2001-10-31  
[43] 2003-04-30

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[21] **2,360,650**  
[13] A1

[51] **Int.Cl. 7G06F 11/36 7G06F 11/30**  
[25] EN  
[54] **ALGORITHM TO CREATE AND COMPARE DEBUG SCENARIOS OF A COMPUTER PROCESS**  
[54] **ALGORITHME DE CREATION ET DE COMPARAISON DE SCENARIOS DE DEPANNAGE INFORMATIQUE**  
[72] BATES, CARY L., US  
[72] BERESTETSKY, VADIM, CA  
[71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  
[22] 2001-10-31  
[43] 2003-04-30

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[21] **2,360,652**  
[13] A1

[51] **Int.Cl. 7H02M 7/5395 7H02M 7/5387**  
[25] EN  
[54] **TRANSFORMERLESS TWO PHASE INVERTER**  
[54] **ONDULEUR BIPHASE SANS TRANSFORMATEUR**  
[72] ZUBIETA, LUIS, CA  
[71] GLOBAL THERMOELECTRIC INC., CA  
[22] 2001-10-31  
[43] 2003-04-30

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[21] **2,360,701**  
[13] A1

[51] **Int.Cl. 7A47G 25/14**  
[25] EN  
[54] **SAFETY HOOK**  
[54] **CROCHET DE SECURITE**  
[72] BIGGAR, RALPH JAMES, CA  
[72] BIGGAR, WARREN CRAIG, CA  
[72] HERMETZ, ROBERT GEORGE, CA  
[71] FROST PRODUCTS LIMITED, CA  
[22] 2001-10-31  
[43] 2003-04-30

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[21] **2,360,703**  
[13] A1

[51] **Int.Cl. 7B65G 33/14**  
[25] EN  
[54] **APPARATUS FOR SIZING GRANULAR MATERIAL**  
[54] **APPAREIL DE GRANULOMETRIE**  
[72] HUNDEBY, DAVE, CA  
[71] HUNDEBY, DAVE, CA  
[22] 2001-10-31  
[43] 2003-04-30

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[21] **2,360,710**  
[13] A1

[51] **Int.Cl. 7E04G 17/14**  
[25] EN  
[54] **TEMPORARY BRACING SYSTEM FOR INSULATED WALL FORM AND METHOD**  
[54] **SYSTEME D'ETAYAGE TEMPORAIRE POUR COFFRAGE DU MUR EN BETON ISOLE ET METHODE CORRESPONDANTE**  
[72] KLASSEN, GLEN A., CA  
[72] SCOTT, G. RICHIE, CA  
[71] ARXX BUILDING PRODUCTS INC., CA  
[22] 2001-10-31  
[43] 2003-04-30

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[21] **2,360,712**  
[13] A1

[51] **Int.Cl. 7G06F 15/82**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE DATA-DRIVEN SYNCHRONOUS PARALLEL PROCESSING OF DIGITAL DATA**  
[54] **METHODE ET APPAREIL DE TRAITEMENT PARALLELE SYNCHRONE DE DONNEES NUMERIQUES PILOTE PAR LES DONNEES**  
[72] KROUGLOV, ALEXEI, CA  
[72] GUDMUNSON, DANIEL, CA  
[72] COLEMAN, ROBERT, CA  
[71] SICON VIDEO CORPORATION, CA  
[22] 2001-10-31  
[43] 2003-04-30

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[21] **2,360,728**  
[13] A1

[51] **Int.Cl. 7E04B 2/42**  
[25] EN  
[54] **STRUCTURAL MEMBERS MADE FROM COMPOSITE WOOD AND CONNECTIONS THEREFOR**  
[54] **ELEMENTS D'OSSATURE EN BOIS COMPOSITE ET CONNECTEURS D'ASSEMBLAGE ASSOCIES**  
[72] GREGORI, KARL HERMANN WERNER, CA  
[71] COMPOSITE BUILDING PRODUCTS INTERNATIONAL INC., CA  
[22] 2001-10-31  
[43] 2003-04-30

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[21] **2,360,738**  
[13] A1

[51] **Int.Cl. 7B60P 3/42 7B60P 1/04 7B60P 1/36**  
[25] EN  
[54] **DUMP TRUCK APPARATUS WITH REMOVABLE HOPPER**  
[54] **CAMION-BENNE ADAPTABLE EN CAMION D'EPANDAGE A TREMIE AMOVIBLE**  
[72] CONNOR, WILLIAM T., CA  
[71] CONNOR INDUSTRIES, CA  
[22] 2001-10-31  
[43] 2003-04-30

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[21] **2,360,739**  
[13] A1

[51] **Int.Cl. 7E04H 17/20**  
[25] EN  
[54] **POST SYSTEM**  
[54] **POTEAU DE CONSTRUCTION**  
[72] GREGORI, KARL HERMANN WERNER, CA  
[71] COMPOSITE BUILDING PRODUCTS INTERNATIONAL INC., CA  
[22] 2001-10-31  
[43] 2003-04-30

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[21] **2,360,818**  
[13] A1

[51] **Int.Cl. 7H01R 24/02 7H04M 1/738**  
[25] EN  
[54] **MULTICHANNEL PHONE PLUG**  
[54] **FICHE TELEPHONIQUE MULTIVOIE**  
[72] HUANG, JUI-SHU, TW  
[71] HUANG, JUI-SHU, TW  
[22] 2001-10-31  
[43] 2003-04-30

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[21] **2,360,821**  
[13] A1

[51] **Int.Cl. 7H01H 13/70 7H01H 13/705**  
[25] EN  
[54] **KEY TOP OF KEYBOARD**  
[54] **AGENCEMENT DES TOUCHES DE CLAVIER**  
[72] CHENG, KUO SHU, TW  
[71] CHENG, KUO SHU, TW  
[22] 2001-10-31  
[43] 2003-04-30

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[21] **2,360,839**  
[13] A1  
[51] Int.Cl. 7B32B 7/12 7B32B 15/04  
7B32B 31/14 7B32B 31/20  
[25] EN  
[54] LAMINATE PANEL AND PROCESS  
FOR PRODUCTION THEREOF  
[54] PANNEAU STRATIFIE ET  
PROCEDE DE PRODUCTION DU  
PANNEAU  
[72] CLIFFORD, D'ARCY DAVID, CA  
[71] DOFASCO INC., CA  
[22] 2001-11-01  
[43] 2003-05-01

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[21] **2,360,841**  
[13] A1  
[51] Int.Cl. 7A61H 39/00 7G09B 19/00  
[25] EN  
[54] NON-SURGICAL METHODS OF  
MANIPULATING, FACILITATING  
AND/OR TREATING SOFT TISSUES  
AND JOINTS  
[54] METHODES NON  
CHIRURGICALES DE MANIPILATION,  
DE FACILITATION OU DE  
TRAITEMENT DES TISSUS MOUS ET  
DES ARTICULATIONS  
[72] AUSTIN, ALLAN, CA  
[71] AUSTIN, ALLAN, CA  
[22] 2001-10-31  
[43] 2003-04-30

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[21] **2,360,859**  
[13] A1  
[51] Int.Cl. 7E02B 13/02 7E03D 5/00  
[25] EN  
[54] FLUSHING APPARATUS AND  
METHOD THEREOF  
[54] APPAREIL DE CHASSE D'EAU ET  
METHODE CORRESPONDANTE  
[72] DAUTAIS, JEAN-PIERRE, FR  
[71] DAUTAIS, JEAN-PIERRE, FR  
[22] 2001-11-01  
[43] 2003-05-01

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[21] **2,360,866**  
[13] A1  
[51] Int.Cl. 7B67D 3/00 7A01G 25/16  
[25] EN  
[54] AN APPARATUS FOR  
SEQUENTIALLY DISTRIBUTING  
LIQUID IN MORE THAN ONE  
DIRECTION AND METHOD THEREOF  
[54] DISTRIBUTEUR SEQUENTIEL DE  
LIQUIDE EN DIRECTIONS DIVERSES  
ET METHODE CORRESPONDANTE  
[72] DAUTAIS, JEAN-PIERRE, FR  
[71] DAUTAIS, JEAN-PIERRE, FR  
[22] 2001-11-01  
[43] 2003-05-01

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[21] **2,360,876**  
[13] A1  
[51] Int.Cl. 7G09B 19/00 7A63B 69/00  
[25] EN  
[54] TRAINING AND/OR GAMING  
APPARATUS AND METHOD  
[54] APPAREIL D'EXERCICE ET/OU  
DE JEU ET METHODE  
CORRESPONDANTE  
[72] POLONIO, ADRIAN, CA  
[71] EAGLE'S FLIGHT, CREATIVE  
TRAINING EXCELLENCE INC., CA  
[22] 2001-10-31  
[43] 2003-04-30

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[21] **2,360,897**  
[13] A1  
[51] Int.Cl. 7G11C 15/00  
[25] EN  
[54] COLUMN REDUNDANCY FOR  
CONTENT ADDRESSABLE MEMORY  
[54] SYSTEME DE REDONDANCE  
POUR MEMOIRE AUTO-  
ASSOCIATIVE  
[72] VLASENKO, PETER, CA  
[71] MOSAID TECHNOLOGIES  
INCORPORATED, CA  
[22] 2001-10-31  
[43] 2003-04-30

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[21] **2,360,910**  
[13] A1  
[51] Int.Cl. 7B25J 21/02  
[25] FR  
[54] APPAREIL POUR MANIPULER DE  
FACON SECURITAIRE UN COLIS  
[54] APPARATUS FOR THE SAFE  
HANDLING OF A PACKAGE  
[72] L'ESPERANCE, PAUL-ANDRE, CA  
[72] CHARBONNEAU, FRANCOIS, CA  
[71] L'ESPERANCE, PAUL-ANDRE, CA  
[71] CHARBONNEAU, FRANCOIS, CA  
[22] 2001-10-30  
[43] 2003-04-30

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[21] **2,360,959**  
[13] A1  
[51] Int.Cl. 7G06F 11/28 7G06F 12/02  
7G06F 17/30  
[25] EN  
[54] TESTER FOR URL ADDRESSABLE  
COMPUTER APPLICATIONS  
[54] APPAREIL DE TEST POUR  
APPLICATIONS INFORMATIQUES A  
ADRESSES URL  
[72] RYMAN, ARTHUR G., CA  
[71] IBM CANADA LIMITED-IBM  
CANADA LIMITEE, CA  
[22] 2001-11-02  
[43] 2003-05-02

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[21] **2,360,975**  
[13] A1  
[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] METHOD AND INTERFACE FOR  
ASSEMBLING BOOKS  
[54] METHODE ET INTERFACE  
D'ASSEMBLAGE DE LIVRES  
[72] ARMSTRONG, MARK A., US  
[71] HEIDELBERGER  
DRUCKMASCHINEN  
AKTIENGESELLSCHAFT, DE  
[22] 2001-11-01  
[43] 2003-05-01  
[30] US (60/245,072) 2001-11-01

**Demandes canadiennes mises à la disponibilité du public**  
**27 avril 2003 - 3 mai 2003**

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[21] **2,360,981**  
[13] A1

[51] **Int.Cl. 7C10G 50/00 7C07C 2/00**  
[25] EN  
[54] **PROCESS FOR PRODUCING HIGH-OCTANE FUELS FROM RENEWABLE RESOURCES**  
[54] **PROCEDE DE PRODUCTION DE CARBURANTS A INDICE D'OCTANE ELEVE A PARTIR DE RESSOURCES RENOUVELABLES**  
[72] FLETCHER, RONALD B., CA  
[71] FLETCHER, RONALD B., CA  
[22] 2001-11-02  
[43] 2003-05-02

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[21] **2,360,986**  
[13] A1

[51] **Int.Cl. 7C11B 7/00 7C11B 3/00 7C10G 3/00**  
[25] EN  
[54] **METHOD FOR FRACTIONATING GREASE TRAP WASTE AND USES OF FRACTIONS THEREFROM**  
[54] **METHODE DE FRACTIONNEMENT DE DECHETS DE RECUPERATEURS DE GRAISSES ET UTILISATIONS DES FRACTIONS AINSI OBTENUES**  
[72] JOLLEZ, PAUL, CA  
[72] LEMIEUX, ALAIN, CA  
[72] CADORET, NICOLE, CA  
[72] GARRO, JUAN MIGUEL, CA  
[71] PROLAB TECHNOLOGIES INC., CA  
[22] 2001-11-01  
[43] 2003-05-01

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[21] **2,360,987**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C12Q 1/00 7C12N 9/14 7C12Q 1/42 7C12N 15/52**  
[25] EN  
[54] **PATHOGENIC EF-1 ALPHA**  
[54] **EF-1 ALPHA PATHOGENE**  
[72] NANDAN, DEVKI, ZZ  
[72] CHERKASOV, ARTEM, ZZ  
[72] REINER, NEIL E., ZZ  
[72] YI, TAOLIN, ZZ  
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA  
[22] 2001-11-01  
[43] 2003-05-01

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[21] **2,360,990**  
[13] A1

[51] **Int.Cl. 7G01N 33/18 7G08C 19/00**  
[25] EN  
[54] **HYDROCARBON SENSING APPARATUS**  
[54] **APPAREIL DE DETECTION D'HYDROCARBURES**  
[72] CHUANG, HSU-CHEN, TW  
[71] HYCOM INSTRUMENTS CORP., TW  
[22] 2001-11-01  
[43] 2003-05-01

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[21] **2,360,998**  
[13] A1

[51] **Int.Cl. 7A41C 3/12**  
[25] EN  
[54] **ADJUSTABLE CIRCULAR KNIT BRA WITH STABILIZING AREAS AND METHOD OF MAKING SAME**  
[54] **SOUTIEN-GORGE AJUSTABLE EN TRICOT CIRCULAIRE COMPORTANT DES ZONES DE STABILISATION ET METHODE DE FABRICATION CORRESPONDANTE**  
[72] MITCHELL, JOHN, US  
[72] WAITZ, SANDY, US  
[71] SARA-LEE CORPORATION, US  
[22] 2001-11-01  
[43] 2003-04-30  
[30] US (10/002,610) 2001-10-31

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[21] **2,361,001**  
[13] A1

[51] **Int.Cl. 7F16M 11/00**  
[25] EN  
[54] **FOLDABLE STAND**  
[54] **SUPPORT REPLIABLE**  
[72] PAI, LUCAS, TW  
[71] PAI, LUCAS, TW  
[22] 2001-11-01  
[43] 2003-05-01

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[21] **2,361,015**  
[13] A1

[51] **Int.Cl. 7G01S 13/02**  
[25] EN  
[54] **SPREAD SPECTRUM RADAR WITH LEAK COMPENSATION AT BASEBAND**  
[54] **RADAR A ETALEMENT DU SPECTRE DOTE D'UN DISPOSITIF DE COMPENSATION DES FUITES DANS LA BANDE DE BASE**  
[72] LI, YONGMEI, CA  
[72] KWONG, K.C. MICHAEL, CA  
[72] RAUCH, SOL, CA  
[71] SPECTRUM TARGET DETECTION INC., CA  
[22] 2001-11-02  
[43] 2003-05-02

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[21] **2,361,176**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **IMPROVEMENTS TO COMPUTER-BASED BUSINESS PLANNING PROCESSES**  
[54] **AMELIORATIONS POUR OPERATIONS DE PLANIFICATION COMMERCIALE INFORMATISEES**  
[72] SINCLAIR, JAMES WALLACE, CA  
[72] DESBIENS, MARC A., CA  
[71] COGNOS INCORPORATED, CA  
[22] 2001-11-02  
[43] 2003-05-02

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[21] **2,361,186**  
[13] A1

[51] **Int.Cl. 7H04B 7/02**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MITIGATING FADING OF A SIGNAL AT A RADIO RECEIVER**  
[54] **SYSTEME ET METHODE POUR REDUIRE L'EVANOUISSEMENT DU SIGNAL A UN RECEPTEUR RADIO**  
[72] MANTHA, RAMESH, CA  
[72] CASTURA, JEFFREY P., CA  
[71] MANTHA, RAMESH, CA  
[71] CASTURA, JEFFREY P., CA  
[22] 2001-11-02  
[43] 2003-05-02

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[21] **2,361,242**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30 7G06F 17/60**  
[25] EN  
[54] **A CALCULATION ENGINE FOR USE IN OLAP ENVIRONMENTS**  
[54] **MOTEUR DE CALCUL POUR ENVIRONNEMENTS OLAP**  
[72] MINNS, ROBERT, CA  
[72] SINCLAIR, JAMES WALLACE, CA  
[72] EDMUNDS, DAVID WALTER, CA  
[71] COGNOS INCORPORATED, CA  
[22] 2001-11-02  
[43] 2003-05-02

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[21] **2,361,252**  
[13] A1  
[51] **Int.Cl. 7G06F 17/30 7H04L 12/16 7G06F 17/60**  
[25] EN  
[54] **IMPROVEMENTS TO A USER INTERFACE FOR A MULTI-DIMENSIONAL DATA STORE**  
[54] **AMELIORATIONS A UNE INTERFACE UTILISATEUR POUR MEMOIRE MULTIDIMENSIONNELLE**  
[72] SEYDNEJAD, SASAN, CA  
[72] FITZPATRICK, ALEXANDER GORDON, CA  
[71] COGNOS INCORPORATED, CA  
[22] 2001-11-02  
[43] 2003-05-02

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[21] **2,361,258**  
[13] A1  
[51] **Int.Cl. 7G06F 13/00 7H04B 7/00 7G06F 17/00 7H04L 12/16**  
[25] EN  
[54] **SHORT RANGE WIRELESS SYSTEM**  
[54] **SYSTEME SANS FIL A COURTE PORTEE**  
[72] ATHWAL, TARANJEET S., CA  
[71] MICROSAGE WIRELESS INC., CA  
[22] 2001-11-02  
[43] 2003-05-02

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[21] **2,361,317**  
[13] A1  
[51] **Int.Cl. 7E06B 3/70**  
[25] EN  
[54] **DOOR WITH INTERCHANGEABLE DECORATIVE INSERTS**  
[54] **PORTE A INSERTS DECORATIFS REMPLACABLES**  
[72] POULIN, ANOUK, ZZ  
[71] PORTES FUSION INC., CA  
[22] 2001-11-02  
[43] 2003-05-02

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[21] **2,361,687**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **RED GHOSTS VIRTUALLY ELIMINATE DELAYED REACTION TO PACKET LOSS**  
[54] **METHODE DE DETECTION ALEATOIRE PRECOCE DES FANTOMES QUI ELIMINE PRATIQUEMENT LES RETARDS DE REACTION DUS AUX PERTES DE PAQUETS**  
[72] MCDONALD, DAVID R., CA  
[72] REYNIER, JULIEN J. E., FR  
[71] MCDONALD, DAVID R., CA  
[71] REYNIER, JULIEN J. E., FR  
[22] 2001-10-30  
[43] 2003-04-30

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[21] **2,361,689**  
[13] A1  
[51] **Int.Cl. 7F28B 1/00 7C01B 5/00 7B01D 5/00 7C02F 1/00**  
[25] EN  
[54] **DRINKABLE WATER FROM HUMIDITY**  
[54] **PRODUCTION D'EAU POTABLE A PARTIR DE L'HUMIDITE DE L'AIR**  
[72] CHANG, CHRISTOPHER, CA  
[71] CHANG, CHRISTOPHER, CA  
[22] 2001-10-29  
[43] 2003-04-29

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[21] **2,361,730**  
[13] A1  
[51] **Int.Cl. 7F02M 27/04**  
[25] EN  
[54] **FUEL AIR MAGNETIC SYSTEM**  
[54] **SYSTEME D'AIMANTS POUR CONDUIT D'ALIMENTATION EN MELANGE AIR-CARBURANT**  
[72] CHENARD, JEAN CLAUDE, CA  
[71] CHENARD, JEAN CLAUDE, CA  
[22] 2001-10-29  
[43] 2003-04-29

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[21] **2,361,732**  
[13] A1  
[51] **Int.Cl. 7B60R 21/16**  
[25] EN  
[54] **AIRBAG SURFACE REDESIGN**  
[54] **COUSSIN GONFLABLE A SURFACE MODIFIEE**  
[72] LE, MINH H., CA  
[71] LE, MINH H., CA  
[22] 2001-10-29  
[43] 2003-04-29

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[21] **2,361,751**  
[13] A1  
[51] **Int.Cl. 7A47C 7/40 7A47C 16/00 7A47C 17/86**  
[25] FR  
[54] **SUPPORT LOMBAIRE**  
[54] **LUMBAR SUPPORT**  
[72] GIROUX, RAYMOND, CA  
[71] GIROUX, RAYMOND, CA  
[22] 2001-10-29  
[43] 2003-04-29

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[21] **2,361,948**  
[13] A1  
[51] **Int.Cl. 7F03B 1/00**  
[25] EN  
[54] **SELF-CONDENSING STEAM TURBINE**  
[54] **TURBINE A VAPEUR A AUTOCONDENSATION**  
[72] TODRSKI, ZENON, CA  
[71] TODRSKI, ZENON, CA  
[22] 2001-10-31  
[43] 2003-04-30

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,361,959**  
[13] A1

[51] **Int.Cl. 7A47J 47/01**  
[25] EN  
[54] **MILK DISPENSER**  
[54] **DISTRIBUTEUR DE LAIT**  
[72] ROBINSON, KENTON I., CA  
[71] ROBINSON, KENTON I., CA  
[22] 2001-10-31  
[43] 2003-04-30

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[21] **2,362,535**  
[13] A1

[51] **Int.Cl. 7H01S 5/065 7H04J 14/02 7H04B 10/17**  
[25] EN  
[54] **ACTIVE INTEGRATED OPTICAL DEVICES**  
[54] **DISPOSITIFS OPTIQUES INTEGRES ACTIFS**  
[72] LU, TAO, CA  
[71] LU, TAO, CA  
[22] 2001-11-01  
[43] 2003-05-01

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[21] **2,362,537**  
[13] A1

[51] **Int.Cl. 7F02C 6/18**  
[25] EN  
[54] **COMBUSTOR/TURBOCHARGER SELF-POWERED PORTABLE AIR HEATER**  
[54] **GENERATEUR D'AIR CHAUD MOBILE AUTO-ALIMENTE A CHAMBRE DE COMBUSTION ET TURBOCOMPRESSEUR**  
[72] FERNANDES, LUIZ CLAUDIO VIEIRA, CA  
[71] FERNANDES, LUIZ CLAUDIO VIEIRA, CA  
[22] 2001-11-01  
[43] 2003-05-01

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[21] **2,362,587**  
[13] A1

[51] **Int.Cl. 7B62B 1/14**  
[25] EN  
[54] **COMPACT PANEL MOVING DEVICE**  
[54] **DISPOSITIF COMPACT DE MANUTENTION DE PANNEAUX**  
[72] YOUNG, ROLAND O., US  
[71] YOUNG, ROLAND O., US  
[22] 2001-10-29  
[43] 2003-04-29

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[21] **2,362,611**  
[13] A1

[51] **Int.Cl. 7A01D 43/16**  
[25] EN  
[54] **MANEUVERABLE AND ADJUSTABLE LAWN MOWER HAVING AN EDGING-TRIMMING UNIT**  
[54] **TONDEUSE REGLABLE ET MANOEUVRABLE A TAILLE-BORDURE INTEGRE**  
[72] GAGNON, RICHARD, CA  
[72] BOUDREAU, SYLVAIN, CA  
[72] SAVARD, SERGE, CA  
[71] BOUDREAU, SYLVAIN, CA  
[22] 2001-11-02  
[43] 2003-05-02

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[21] **2,362,616**  
[13] A1

[51] **Int.Cl. 7A45C 3/00**  
[25] EN  
[54] **SPORTS ACCESSORY EQUIPMENT BAG**  
[54] **SAC POUR ACCESSOIRES DE SPORT**  
[72] PIERCE, T.R., CA  
[71] PIERCE, T.R., CA  
[22] 2001-11-02  
[43] 2003-05-02

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[21] **2,362,626**  
[13] A1

[51] **Int.Cl. 7G02C 9/04**  
[25] EN  
[54] **SMART FRAME/CLIP**  
[54] **PINCE DE MONTURE INTELLIGENTE**  
[72] CHAI, WEIZHEN, CA  
[71] CHAI, WEIZHEN, CA  
[22] 2001-11-01  
[43] 2003-05-01

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[21] **2,362,868**  
[13] A1

[51] **Int.Cl. 7E04G 21/22**  
[25] EN  
[54] **QUOIN TEMPLATE**  
[54] **GABARIT POUR CHAINE D'ANGLE**  
[72] NEAR, ROBERT, CA  
[71] NEAR, ROBERT, CA  
[22] 2001-11-01  
[43] 2003-05-01

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[21] **2,363,044**  
[13] A1

[51] **Int.Cl. 7A46B 15/00 7A46B 5/00 7E01H 5/02 7B25G 1/04**  
[25] FR  
[54] **LA BROSSE PROTECTION TELESCOPIQUE J.J.**  
[54] **EXTENDABLE SNOW BRUSH**  
[72] JOLIN, JEAN, CA  
[71] JOLIN, JEAN, CA  
[22] 2001-11-02  
[43] 2003-05-02

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[21] **2,363,046**  
[13] A1

[51] **Int.Cl. 7B64D 47/00**  
[25] FR  
[54] **DISPOSITIF DE SECURITE POUR PASSAGERS D'AVION**  
[54] **SAFETY DEVICE FOR AIRPLANE PASSENGERS**  
[72] BERGERON, ROCK, CA  
[71] BERGERON, ROCK, CA  
[22] 2001-11-02  
[43] 2003-05-02

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[21] **2,363,049**  
[13] A1

[51] **Int.Cl. 7E01H 5/06**  
[25] EN  
[54] **ATTACHMENT ADAPTED TO A MOTORIZED VEHICLE ALLOWING TO MAINTAIN AND LEVEL THE SURPLUS OF ACCUMULATED SNOW OR LOOSE GRANULAR MATERIAL IN MIDDLE OF TRAILS**  
[54] **ACCESSOIRE A MONTER SUR VEHICULE POUR REMBLAYER ET NIVELER LE SURPLUS DE NEIGE ACCUMULEE OU DE MATERIAU GRANULAIRE NON CONSOLIDE AU CENTRE DES PISTES**  
[72] PARISEAU, CLAUDE, CA  
[71] PARISEAU, CLAUDE, CA  
[22] 2001-11-02  
[43] 2003-05-02

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[21] **2,363,937**  
[13] A1  
[51] **Int.Cl. 7C09C 1/62 7C09D 185/02**  
[25] EN  
[54] **PHOSPHONIC ACID DERIVATIVE TREATMENT OF METALLIC FLAKES**  
[54] **DERIVES DE L'ACIDE PHOSPHONIQUE POUR LE TRAITEMENT DE PAILLETES METALLIQUES**  
[72] SOUERWINE, ROBERT E., US  
[72] KEEMER, CRAIG B., US  
[72] LAMBORN, H. TAYLOR, US  
[71] SILBERLINE MANUFACTURING CO., INC., US  
[22] 2001-11-28  
[43] 2003-04-30  
[30] US (10/004,486) 2001-10-31

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[21] **2,363,989**  
[13] A1  
[51] **Int.Cl. 7B62B 3/02**  
[25] EN  
[54] **COLLAPSIBLE CART WITH SHELF**  
[54] **CHARIOT REPLIABLE A ETAGERE**  
[72] KING, DAVID L., US  
[71] KING, DAVID L., US  
[22] 2001-11-23  
[43] 2003-04-30  
[30] US (10/014,157) 2001-10-30

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[21] **2,364,145**  
[13] A1  
[51] **Int.Cl. 7D04B 9/46**  
[25] FR  
[54] **BAS ET COLLANTS INDEMAILLABLES JOSE EISENBERG-LIFE**  
[54] **RUNLESS HOSE AND PANTIE HOSE**  
[72] EISENBERG, JOSE, MC  
[71] EISENBERG, JOSE, MC  
[22] 2001-12-06  
[43] 2003-04-30  
[30] MC (2476) 2001-10-31

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[21] **2,365,891**  
[13] A1  
[51] **Int.Cl. 7G11C 15/00 7G11C 7/00 7G11C 15/04**  
[25] EN  
[54] **PRIORITY ENCODER CIRCUIT AND METHOD FOR CONTENT ADDRESSABLE MEMORY**  
[54] **CIRCUIT ET METHODE DE CODAGE PRIORITAIRE POUR MEMOIRE AUTO-ASSOCIATIVE**  
[72] ROTH, ALAN, US  
[72] FOSS, RICHARD C., GB  
[71] MOSAID TECHNOLOGIES INC., CA  
[22] 2001-12-21  
[43] 2003-04-30  
[30] US (09/984,870) 2001-10-31

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[21] **2,369,207**  
[13] A1  
[51] **Int.Cl. 7A21D 13/00**  
[25] EN  
[54] **LOW GLYCEMIC INDEX BREAD**  
[54] **PAIN A FAIBLE INDICE GLYCEMIQUE**  
[72] HINCHIK, JOHN R., US  
[72] ARNDT, ELIZABETH A., US  
[72] WOLT, MICHAEL J., US  
[71] CONAGRA FOODS, INC., US  
[22] 2002-01-25  
[43] 2003-04-30  
[30] US (10/001,464) 2001-10-31

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[21] **2,369,806**  
[13] A1  
[51] **Int.Cl. 7C01F 11/24**  
[25] EN  
[54] **PROCESS FOR MAKING CALCIUM CHLORIDES**  
[54] **METHODE DE PREPARATION DE CHLORURE DE CALCIUM**  
[72] HOLT, TIMOTHY G., US  
[72] RIGBY, WILLIAM J., US  
[72] COCHRAN, KEITH D., US  
[71] RIGBY, WILLIAM J., US  
[22] 2002-01-31  
[43] 2003-05-02  
[30] US (10/000,410) 2001-11-02

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[21] **2,370,993**  
[13] A1  
[51] **Int.Cl. 7H01M 4/86 7H01M 2/14**  
[25] EN  
[54] **ELECTRODE FOR POLYMER ELECTROLYTE FUEL CELL, SEPARATOR THEREFOR, AND POLYMER ELECTROLYTE FUEL CELL AND GENERATING SYSTEM USING THEM**  
[54] **ELECTRODE DE PILE A COMBUSTIBLE A ELECTROLYTE POLYMERE, SEPARATEUR CORRESPONDANT ET PILE A COMBUSTIBLE A ELECTROLYTE POLYMERE ET SYSTEME DE PRODUCTION D'ENERGIE METTANT EN OEUVRE TOUS CES ELEMENTS**  
[72] KAMO, TOMOICHI, JP  
[72] NISHIMURA, KATSUNORI, JP  
[72] KOMACHIYA, MASAHIRO, JP  
[72] KOYAMA, TOHRU, JP  
[72] IMAHASHI, JINICHI, JP  
[71] HITACHI, LTD., JP  
[22] 2002-02-07  
[43] 2003-04-30  
[30] JP (2001-333605) 2001-10-31

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[21] **2,371,192**  
[13] A1  
[51] **Int.Cl. 7H04L 12/66 7H04N 7/15 7H04M 3/56**  
[25] EN  
[54] **USING PSTN TO CONVEY PARTICIPANT IP ADDRESSES FOR MULTIMEDIA CONFERENCING**  
[54] **UTILISATION DU RTPC POUR TRANSMETTRE LES ADRESSES IP AUX PARTICIPANTS A UNE CONFERENCE MULTIMEDIA**  
[72] BOUNDY, MARK N., US  
[71] AG COMMUNICATION SYSTEMS CORPORATION, US  
[22] 2002-02-07  
[43] 2003-05-02  
[30] US (09/985,696) 2001-11-02

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[21] **2,371,450**  
[13] A1

[51] **Int.Cl. 7B60J 7/10 7B60P 7/04**  
[25] EN  
[54] **RETAINER SYSTEM FOR VEHICLE SOFT TOPS AND TONNEAU COVERS**  
[54] **SYSTEME DE RETENUE DE CAPOTES DE CABRIOLET ET DE COUVERTURES DE CAISSE**  
[72] BRUNNER, NANCY L., US  
[72] TROEGER, RICK H., US  
[72] STEVENS, MICHAEL C., US  
[72] GILE, TIMOTHY J., US  
[71] BESTOP INC., US  
[22] 2002-02-11  
[43] 2003-04-29  
[30] US (60/340,102) 2001-10-29

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[21] **2,378,287**  
[13] A1

[51] **Int.Cl. 7H05B 37/02 7G05B 19/00 7G08C 23/04**  
[25] EN  
[54] **ADDRESSABLE SYSTEM FOR LIGHT FIXTURE MODULES**  
[54] **SYSTEME ADRESSABLE POUR MODULES D'ECLAIRAGE**  
[72] MIER-LANGNER, ALEJANDRO, US  
[72] KUCHAR, JAMES EDWARD, US  
[71] GENLYTE THOMAS GROUP LLC, US  
[22] 2002-03-22  
[43] 2003-05-02  
[30] US (60/335,357) 2001-11-02  
[30] US (10/024,095) 2001-12-18

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[21] **2,383,193**  
[13] A1

[51] **Int.Cl. 7B65D 51/24 7B65D 5/70 7B65D 85/72**  
[25] EN  
[54] **PACKAGE INCLUDING PROMOTION OR CONTEST INFORMATION**  
[54] **CONDITIONNEMENT COMPORTANT DES INFORMATIONS PROMOTIONNELLES OU DES REGLES DE CONCOURS**  
[72] KOPECKY, STANLEY J., US  
[71] WM, WRIGLEY JR. COMPANY, US  
[22] 2002-04-23  
[43] 2003-04-30  
[30] US (10/001,490) 2001-10-31

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[21] **2,377,049**  
[13] A1

[51] **Int.Cl. 7B07B 1/28 7B07B 1/46**  
[25] EN  
[54] **SIEVING DEVICE**  
[54] **TAMIS**  
[72] KANNO, KENICHI, JP  
[72] NAKANO, KOTARO, JP  
[71] TANICO CORPORATION, JP  
[22] 2002-03-15  
[43] 2003-04-29  
[30] JP (2001-330865) 2001-10-29  
[30] JP (2001-359609) 2001-11-26

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[21] **2,381,648**  
[13] A1

[51] **Int.Cl. 7A47K 10/34**  
[25] EN  
[54] **CORELESS ROLL PRODUCT ADAPTER AND DISPENSER**  
[54] **ADAPTEUR DE DISTRIBUTEUR POUR PRODUITS EN ROULEAU SANS BOBINE**  
[72] BACHTEL, RANDALL M., US  
[72] TAYLOR, ANTWAIN D., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 2002-04-12  
[43] 2003-04-30  
[30] US (10/003,716) 2001-10-31

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[21] **2,384,272**  
[13] A1

[51] **Int.Cl. 7B26B 3/03**  
[25] EN  
[54] **KITCHEN APPLIANCE FOR CUTTING CUTTABLE MATERIAL**  
[54] **APPAREIL DE CUISINE POUR LA COUPE DE PRODUITS CULINAIRES**  
[72] BOERNER, JUERGEN, DE  
[71] BORNER KUNSTSTOFF, DE  
[71] METALLWARENFABRIK GMBH, DE  
[22] 2002-04-29  
[43] 2003-04-30  
[30] EP (PCT/EP01/12651) 2001-10-31

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[21] **2,377,642**  
[13] A1

[51] **Int.Cl. 7H05B 37/02 7G08C 23/04**  
[25] EN  
[54] **ADDRESSABLE LIGHT FIXTURE MODULE**  
[54] **MODULE D'ECLAIRAGE ADRESSABLE**  
[72] MIER-LANGNER, ALEJANDRO, US  
[72] KUCHAR, JAMES EDWARD, US  
[71] GENLYTE THOMAS GROUP LLC, US  
[22] 2002-03-20  
[43] 2003-05-02  
[30] US (60/335,330) 2001-11-02  
[30] US (10/024,096) 2001-12-18

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[21] **2,382,708**  
[13] A1

[51] **Int.Cl. 7B01F 5/10 7B01F 5/02 7E21B 33/13**  
[25] EN  
[54] **CEMENT MIXING SYSTEM FOR OIL WELL CEMENTING**  
[54] **MALAXEUR DE CIMENT D'OBTURATION DE Puits**  
[72] ALLEN, THOMAS E., US  
[71] ALLEN, THOMAS E., US  
[22] 2002-04-19  
[43] 2003-05-01  
[30] US (10/002,445) 2001-11-01

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[21] **2,386,501**  
[13] A1

[51] **Int.Cl. 7G01R 13/00 7G01R 23/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PERFORMING EYE DIAGRAM MEASUREMENTS**  
[54] **METHODE ET APPAREIL POUR EFFECTUER DES MESURES SUR UN DIAGRAMME EN OEIL**  
[72] NYGAARD, RICHARD A., JR., US  
[71] AGILENT TECHNOLOGIES, INC., US  
[22] 2002-05-14  
[43] 2003-04-29  
[30] US (10/020,673) 2001-10-29

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[21] **2,387,025**  
[13] A1  
[51] **Int.Cl. 7B24C 3/32 7B08B 5/00 7B08B 9/04**  
[25] EN  
[54] **APPARATUS FOR CLEANING ENGINE BLOCK PASSAGES**  
[54] **APPAREIL A NETTOYER LES PASSAGES D'UN BLOC-CYLINDRES**  
[72] NOESTHEDEN, ANDREW, CA  
[71] VALIANT CORPORATION, CA  
[22] 2002-05-17  
[43] 2003-04-30  
[30] US (10/021,188) 2001-10-30

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[21] **2,389,423**  
[13] A1  
[51] **Int.Cl. 7A63H 17/22**  
[25] EN  
[54] **TRIM ADJUSTMENT FEATURE FOR A TWO-WHEELED TOY VEHICLE**  
[54] **CORRECTEUR D'ASSIETTE POUR VEHICULE-JOUET A DEUX ROUES**  
[72] SPALINSKI, ROBERT P., US  
[71] MATTEL, INC., US  
[22] 2002-06-06  
[43] 2003-04-29  
[30] US (60/336,401) 2001-10-29

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[21] **2,398,557**  
[13] A1  
[51] **Int.Cl. 7B23P 21/00**  
[25] EN  
[54] **MULTIPLE ROBOTIC WORKSTATION WITH MULTIPLE FIXTURES**  
[54] **STATION DE TRAVAIL ROBOTIQUE A ROBOTS ET ACCESSOIRES MULTIPLES**  
[72] ANGEL, JEFFREY R., US  
[71] PROGRESSIVE TOOL & INDUSTRIES CO., US  
[22] 2002-08-19  
[43] 2003-04-29  
[30] US (10/075,852) 2001-10-29

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[21] **2,387,640**  
[13] A1  
[51] **Int.Cl. 7A43B 5/06**  
[25] EN  
[54] **FOOTWEAR CONSTRUCTION AND METHOD FOR MANUFACTURING SAME**  
[54] **CHAUSSURE ET METHODE DE FABRICATION CORRESPONDANTE**  
[72] URIE, GRANT, US  
[72] LE, TUAN NGUYEN, US  
[72] BELLEY, MANON, CA  
[71] WOLVERINE WORLD WIDE, INC., US  
[22] 2002-05-24  
[43] 2003-04-30  
[30] US (10/004,022) 2001-10-31

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[21] **2,390,988**  
[13] A1  
[51] **Int.Cl. 7B60R 9/10**  
[25] EN  
[54] **BICYCLE CARRIER ADAPTED TO BE USED ON A VERTICALLY ORIENTATED VEHICLE ARTICLE CARRIER**  
[54] **PORTE-VELO ADAPTABLE A UN PORTE-ARTICLE VERTICAL SUR VEHICULE**  
[72] BORELLA, BRETT J., US  
[72] MUNOZ, DONALD L., US  
[72] KMITA, GERARD J., US  
[71] JAC PRODUCTS, INC., US  
[22] 2002-06-19  
[43] 2003-04-29  
[30] US (10/047,937) 2001-10-29

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[21] **2,398,653**  
[13] A1  
[51] **Int.Cl. 7B64D 33/02 7F02C 7/04**  
[25] FR  
[54] **ENTREE D'AIR POUR NACELLE DE MOTEUR A REACTION D'AVION COMMERCIAL**  
[54] **AIR INTAKE FOR COMMERCIAL AIRCRAFT JET ENGINE NACELLE**  
[72] PRAT, DAMIEN, FR  
[72] GAGNAIRE, BENOIT, FR  
[72] SURPLY, THIERRY, FR  
[71] AIRBUS FRANCE, FR  
[22] 2002-08-13  
[43] 2003-05-02  
[30] FR (01 14 222) 2001-11-02

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[21] **2,388,901**  
[13] A1  
[51] **Int.Cl. 7H04L 7/033**  
[25] EN  
[54] **METHOD AND APPARATUS FOR GENERATING AND SYNCHRONIZING MULTIPLE CLOCKS**  
[54] **METHODE ET APPAREIL DE GENERATION ET DE SYNCHRONISATION DE SIGNAUX D'HORLOGE MULTIPLES**  
[72] WANG, CHARLES L., US  
[72] MOORE, CHARLES E., US  
[72] FISHER, PHILIP W., US  
[72] LAI, BENNY W. H., US  
[71] AGILENT TECHNOLOGIES, INC., US  
[22] 2002-06-04  
[43] 2003-04-29  
[30] US (10/021,133) 2001-10-29

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[21] **2,391,041**  
[13] A1  
[51] **Int.Cl. 7B60R 9/04**  
[25] EN  
[54] **VEHICLE ARTICLE CARRIER HAVING TELESCOPICALLY EXTENDABLE ARTICLE CARRIER PORTION**  
[54] **PORTE-ARTICLE SUR VEHICULE AYANT UNE PARTIE TELESCOPIQUE**  
[72] AFTANAS, JEFFREY M., US  
[72] KMITA, GERARD J., US  
[71] JAC PRODUCTS, INC., US  
[22] 2002-06-20  
[43] 2003-04-29  
[30] US (10/047,922) 2001-10-29

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[21] **2,399,177**  
[13] A1  
[51] **Int.Cl. 7G02B 6/32 7G02B 6/25**  
[25] EN  
[54] **MICROLENS**  
[54] **MICROLENTILLE**  
[72] KROUPENKINE, TIMOFEI NIKITA, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2002-08-21  
[43] 2003-04-29  
[30] US (10/021,458) 2001-10-29

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[21] **2,399,354**  
[13] A1

[51] **Int.Cl. 7B44F 9/02 7B29C 59/02 7B29C 47/04 7B29C 70/06 7B29C 47/78**  
[25] EN  
[54] **EXTRUDED WOOD IMITATION COMPONENT AND PROCESS**  
[54] **ELEMENT EXTRUDE IMITANT LE BOIS ET PROCEDE**  
[72] FRANCO, SANDRO, CA  
[72] FRANCO, CARMINE, CA  
[71] STAR-PLAST HOLDINGS INC., CA  
[22] 2002-08-21  
[43] 2003-05-03

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[21] **2,399,655**  
[13] A1

[51] **Int.Cl. 7A22C 17/02 7B26D 7/01**  
[25] EN  
[54] **FEED GRIP FOR A FOOD SLICER**  
[54] **GRIFFE D'ALIMENTATION DE TRANCHEUSE**  
[72] SHARIFF, SHAHRAM, US  
[72] FROCK, JEFF, US  
[72] MCGUFFIN-NOLL, DOUG, US  
[71] PREMARK FEG L.L.C., US  
[22] 2002-08-23  
[43] 2003-04-27  
[30] US (10/039,313) 2001-10-27

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[21] **2,399,666**  
[13] A1

[51] **Int.Cl. 7D21C 9/00**  
[25] EN  
[54] **PROCESS TO PRODUCE DRIED SINGULATED CELLULOSE PULP FIBERS**  
[54] **PROCEDE DE PRODUCTION DE FIBRES DE PATE CELLULOSIQUE SECHEES ET SEPREES**  
[72] WESTER, BRIAN, US  
[72] VRBANAC, MICHAEL DAVID, US  
[72] DEZUTTER, RAMON CHARLES, US  
[72] YANCEY, MICHAEL JAMES, US  
[71] WEYERHAEUSER COMPANY, US  
[22] 2002-08-23  
[43] 2003-04-30  
[30] US (09/998,143) 2001-10-30

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[21] **2,399,670**  
[13] A1

[51] **Int.Cl. 7G01R 31/317 7G06F 19/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MODELING AND SIMULATING THE EFFECTS OF BRIDGE DEFECTS IN INTEGRATED CIRCUITS**  
[54] **METHODE ET APPAREIL DE MODELISATION ET DE SIMULATION DES EFFETS DES DEFAUTS DE PONTAGE DANS LES CIRCUITS INTEGRES**  
[72] AL-KHALILI, DHAMIN, CA  
[72] SHAW, DONALD, CA  
[72] ROZON, COME, CA  
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE, CA  
[22] 2002-08-23  
[43] 2003-04-29  
[30] US (60/348,339) 2001-10-29

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[21] **2,399,771**  
[13] A1

[51] **Int.Cl. 7B65D 71/02**  
[25] EN  
[54] **LABEL PANEL CONTAINER CARRIER WITH INTEGRAL HANDLE**  
[54] **PORTE-CONTENANTS A PANNEAU-ETIQUETTE A POIGNEE INTEGREE**  
[72] OLSEN, ROBERT, US  
[72] THOENNISSSEN, SCOTT GEORGE, AU  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2002-08-26  
[43] 2003-04-30  
[30] US (10/004,263) 2001-10-31

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[21] **2,401,166**  
[13] A1

[51] **Int.Cl. 7A61F 2/46 7A61B 17/56**  
[25] EN  
[54] **SLAPHAMMER TOOL**  
[54] **DISPOSITIF DE PERCUSSION ADAPTABLE SUR INSTRUMENT CHIRURGICAL**  
[72] SORRENTI, MICHAEL, US  
[72] DIMAURO, THOMAS M., US  
[72] FATYOL, PATRICK, US  
[72] ROGERS, CHRISTOPHER, US  
[71] DEPUY ACROMED, INC., US  
[22] 2002-09-03  
[43] 2003-04-30  
[30] US (10/021,527) 2001-10-30

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[21] **2,401,527**  
[13] A1

[51] **Int.Cl. 7F24C 7/00**  
[25] EN  
[54] **CONVECTION COOKING APPLIANCE WITH RAPID PREHEAT SYSTEM**  
[54] **APPAREIL DE CUISSON A CONVECTION A SYSTEME DE PRECHAUFFAGE RAPIDE**  
[72] SAUTER, KENNETH E., US  
[72] MCFARLAND, JAMES COTY, US  
[71] MAYTAG CORPORATION, US  
[22] 2002-09-06  
[43] 2003-04-30  
[30] US (09/984,558) 2001-10-30

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[21] **2,401,714**  
[13] A1

[51] **Int.Cl. 7G01R 31/08 7G08C 19/00 7G01R 31/02**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SURVEYING UTILITY OUTAGES**  
[54] **SYSTEME ET METHODE DE DETECTION DES DES PANNES DE SERVICES PUBLICS**  
[72] LINK, FREDERICK, US  
[72] ALLPORT, DOUGLAS, US  
[72] PIETROWICZ, STANLEY, US  
[72] ROTHROCK, HAMILTON, US  
[71] TELCORDIA TECHNOLOGIES, INC., US  
[22] 2002-09-06  
[43] 2003-05-01  
[30] US (09/999,041) 2001-11-01

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[21] **2,402,588**  
[13] A1

[51] **Int.Cl. 7C12Q 1/70 7C12Q 1/04 7G01N 33/543 7G01N 21/64 7C12Q 1/68**  
[25] EN  
[54] **TAXONOMIC IDENTIFICATION OF PATHOGENIC MICROORGANISMS AND THEIR TOXIC PROTEINS**  
[54] **IDENTIFICATION TAXONOMIQUE DE MICROORGANISMES PATHOGENES ET DE LEURS PROTEINES TOXIQUES**  
[72] ELLIS, WALTER R., JR., US  
[72] LLOYD, CHRISTOPHER R., US  
[72] POWERS, LINDA S., US  
[71] MICROBIOSYSTEMS, LIMITED PARTNERSHIP, US  
[22] 2002-09-10  
[43] 2003-05-01  
[30] US (09/999,159) 2001-11-01

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[13] A1  
[51] **Int.Cl. 7H02M 7/537 7H02M 5/458**  
[25] EN  
[54] **POWER CONVERSION APPARATUS**  
[54] **CONVERTISSEUR DE PUISSANCE**  
[72] MASUNAGA, HIROSHI, JP  
[72] ASAEDA, TAKEAKI, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 2002-09-13  
[43] 2003-05-02  
[30] JP (2001-337330) 2001-11-02

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[21] **2,404,673**  
[13] A1  
[51] **Int.Cl. 7F25D 23/00**  
[25] EN  
[54] **REFRIGERATOR HANDLE MOUNTING ARRANGEMENT**  
[54] **DISPOSITIF DE MONTAGE DE POIGNEE DE REFRIGERATEUR**  
[72] LOTZ, WILLIAM H., US  
[72] POHL, DOUGLAS A., US  
[71] MAYTAG CORPORATION, US  
[22] 2002-09-23  
[43] 2003-04-30  
[30] US (09/984,770) 2001-10-31

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[21] **2,405,212**  
[13] A1  
[51] **Int.Cl. 7B60L 15/20 7E01H 5/04 7G05D 13/62**  
[25] EN  
[54] **WORKING MACHINE**  
[54] **MACHINE**  
[72] WAKITANI, TSUTOMU, JP  
[72] KANKE, HIROO, JP  
[72] INUI, TSUTOMU, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2002-09-25  
[43] 2003-04-30  
[30] JP (2001-333213) 2001-10-30  
[30] JP (2001-362640) 2001-11-28

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[21] **2,404,285**  
[13] A1  
[51] **Int.Cl. 7F16L 59/02**  
[25] EN  
[54] **PASSIVE INTERMODULATION FREE MULTILAYER THERMAL BLANKET**  
[54] **COUVERTURE THERMIQUE MULTICOUCHE SANS INTERMODULATION PASSIVE**  
[72] OWINGS, MARY, US  
[72] HASEGAWA, MARK, US  
[71] SPACE SYSTEMS/LORAL INC., US  
[22] 2002-09-19  
[43] 2003-04-29  
[30] US (10/020,704) 2001-10-29

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[21] **2,405,198**  
[13] A1  
[51] **Int.Cl. 7G05D 27/02 7B60L 15/20**  
[25] EN  
[54] **ELECTRIC WORKING MACHINE**  
[54] **MACHINE ELECTRIQUE**  
[72] WAKITANI, TSUTOMU, JP  
[72] INUI, TSUTOMU, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2002-09-25  
[43] 2003-05-02  
[30] JP (2001-337465) 2001-11-02  
[30] JP (2001-362781) 2001-11-28

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[21] **2,405,213**  
[13] A1  
[51] **Int.Cl. 7G05D 16/00 7F16K 17/00**  
[25] EN  
[54] **MODULAR FLUID PRESSURE REGULATOR WITH BYPASS**  
[54] **REGULATEUR DE PRESSION MODULAIRE A DERIVATION**  
[72] HAMILTON, DAVID L., US  
[72] DIANA, MICHAEL J., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2002-09-25  
[43] 2003-04-30  
[30] US (10/021,467) 2001-10-30

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[21] **2,404,380**  
[13] A1  
[51] **Int.Cl. 7B60R 21/16**  
[25] EN  
[54] **WET SEAT PROTECTION FOR AIR BAG CONTROL OCCUPANT DETECTION**  
[54] **SYSTEME DE DETECTION D'OCCUPANT POUR LA COMMANDE DE DECLENCHEMENT DU COUSSIN GONFLABLE ASSERVIE AUX CONDITIONS D'HUMIDITE AMBIANTE**  
[72] SHIEH, SHIUH-AN, US  
[72] RITTMUELLER, PHILIP, US  
[71] NEC TECHNOLOGIES, INC., US  
[22] 2002-09-19  
[43] 2003-05-02  
[30] US (10/033,585) 2001-11-02

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[21] **2,405,204**  
[13] A1  
[51] **Int.Cl. 7G01S 13/60 7G01S 7/295**  
[25] EN  
[54] **FAST FOURIER TRANSFORM SIGNAL PROCESSING METHOD**  
[54] **METHODE DE TRAITEMENT DE SIGNAUX UTILISANT LA TRANSFORMATION DE FOURIER RAPIDE**  
[72] LITTKE, JERRY DEAN, US  
[72] MERTINS, KARL-HEINZ O., US  
[72] COOPER, WILLIAM FLAVIS, US  
[72] WORREL, RICK ALLEN, US  
[71] DEERE & COMPANY, US  
[22] 2002-09-25  
[43] 2003-04-30  
[30] US (09/984,821) 2001-10-31

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[21] **2,405,583**  
[13] A1  
[51] **Int.Cl. 7H04R 7/10**  
[25] EN  
[54] **FLAT PANEL SOUND RADIATOR WITH ENHANCED AUDIO PERFORMANCE**  
[54] **HAUT-PARLEUR PLAT A PERFORMANCE AUDIO AMELIOREE**  
[72] KLASCO, MICHAEL, US  
[72] TOBIANO, PABLO, US  
[72] GO, CARLOS, US  
[71] ARMSTRONG WORLD INDUSTRIES, INC., US  
[22] 2002-09-27  
[43] 2003-04-30  
[30] US (10/003,928) 2001-10-31

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[21] **2,405,670**  
[13] A1

[51] **Int.Cl. 7H02G 3/08 7H02G 3/14**  
[25] EN  
[54] **HORIZONTAL AND VERTICAL MOUNTABLE WEATHERPROOF COVER PLATE**  
[54] **COUVERCLE ETANCHE A MONTER A L'HORIZONTALE OU A LA VERTICALE**  
[72] SHOTEY, MICHAEL J., US  
[72] SHOTEY, MARCUS J., US  
[72] MALTBY, EDGAR W., US  
[71] SHOTEY, MICHAEL J., US  
[71] SHOTEY, MARCUS J., US  
[71] MALTBY, EDGAR W., US  
[22] 2002-09-27  
[43] 2003-05-01  
[30] US (10/015,731) 2001-11-01

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[21] **2,406,507**  
[13] A1

[51] **Int.Cl. 7H01R 33/76**  
[25] EN  
[54] **BALL GRID ARRAY SOCKET CONNECTEUR A GRILLE MATRICIELLE A BILLES**  
[72] EVANS, ROBERT F., US  
[71] FCI AMERICAS TECHNOLOGY, INC., US  
[22] 2002-10-03  
[43] 2003-04-30  
[30] US (09/998,871) 2001-10-31

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[21] **2,406,542**  
[13] A1

[51] **Int.Cl. 7E06C 1/14**  
[25] EN  
[54] **SWIMMING POOL LADDER ECHELLE DE PISCINE**  
[72] PETTIT, FREDERICK M., CA  
[71] PETTIT, FREDERICK M., CA  
[22] 2002-10-04  
[43] 2003-04-30  
[30] US (10/012,765) 2001-10-30  
[30] US (10/042,110) 2002-01-08

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[21] **2,406,554**  
[13] A1

[51] **Int.Cl. 7F04C 29/04**  
[25] EN  
[54] **ARRANGEMENT FOR CONTROLLING THE FLOW OF A COOLANT FLUID IN A COMPRESSOR**  
[54] **MONTAGE DE REGULATION DU DEBIT DE FLUIDE REFROIDISSEUR DANS UN COMPRESSEUR**  
[72] FOERSTER, WERNER, DE  
[71] KAESER KOMPRESSOREN GMBH, DE  
[22] 2002-10-04  
[43] 2003-04-30  
[30] DE (101 53 459.0) 2001-10-30

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[21] **2,406,777**  
[13] A1

[51] **Int.Cl. 7C08L 29/04 7C08K 3/00 7H01M 10/40**  
[25] EN  
[54] **IONIC CONDUCTIVE SOLID ELECTROLYTE, METHOD OF MANUFACTURING THE SAME AND ELECTROCHEMICAL SYSTEM USING THE SAME**  
[54] **ELECTROLYTE SOLIDE A CONDUCTION IONIQUE, METHODE DE FABRICATION DE CET ELECTROLYTE ET SYSTEME ELECTROCHIMIQUE FAISANT APPEL A CET ELECTROLYTE**  
[72] SAWA, HARUO, JP  
[71] NIPPON KODOSHI CORPORATION, JP  
[22] 2002-10-07  
[43] 2003-04-30  
[30] JP (2001-335314) 2001-10-31

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[21] **2,406,821**  
[13] A1

[51] **Int.Cl. 7G06F 13/00 7G06F 15/16**  
[25] EN  
[54] **SWITCHABLE RESOURCE MANAGEMENT IN CLUSTERED COMPUTER SYSTEM**  
[54] **METHODE DE GESTION DE RESSOURCES COMMUTABLES DANS UN SYSTEME INFORMATIQUE EN GRAPPE**  
[72] EIDE, CURTIS SHANNON, US  
[72] NAYLOR, JAMES LEE, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 2002-10-08  
[43] 2003-05-02  
[30] US (10/002,232) 2001-11-02

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[21] **2,406,851**  
[13] A1

[51] **Int.Cl. 7G01B 21/00 7B27B 1/00 7G06F 17/00 7G01N 33/46**  
[25] EN  
[54] **METHOD OF EVALUATING LOGS TO PREDICT WARP PROPENSITY OF LUMBER SAWN FROM THE LOGS**  
[54] **METHODE D'EVALUATION DES GRUMES SERVANT A PREVOIR LA TENDANCE AU GAUCHISSEMENT DU BOIS D'OEUVRE TIRE DES GRUMES EVALUEES**  
[72] FLOYD, STANLEY L., US  
[71] WEYERHAEUSER COMPANY, US  
[22] 2002-10-07  
[43] 2003-04-30  
[30] US (10/002,427) 2001-10-31

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[21] **2,407,007**  
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 12/02**  
[25] EN  
[54] **METHOD AND SYSTEM FOR CLIENT/SERVER COMPUTING ACCELERATION USING APPROACH COMPUTING**  
[54] **METHODE ET SYSTEME UTILISANT UNE APPROXIMATION POUR ACCELERER LES OPERATIONS CLIENT-SERVEUR**  
[72] STERN, ERIC, CA  
[71] LOGISENSE CORPORATION, CA  
[22] 2002-10-09  
[43] 2003-05-02  
[30] CA (2361,254) 2001-11-02

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[21] **2,407,105**  
[13] A1

[51] **Int.Cl. 7B05B 1/02**  
[25] EN  
[54] **NOZZLE DEVICE BUSE DE PULVERISATION**  
[72] MARTIN, JAVIER, SE  
[71] MARTIN, JAVIER, SE  
[22] 2002-10-07  
[43] 2003-04-29  
[30] SE (0103580-7) 2001-10-29



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[21] **2,407,151**  
[13] A1  
[51] **Int.Cl. 7G01V 7/14 7E21B 47/12**  
[25] EN  
[54] **GRAVITY AND DIFFERENTIAL GRAVITY SENSOR, AND SYSTEM AND METHOD FOR MONITORING RESERVOIRS USING SAME**  
[54] **GRAVIMETRE DIFFERENTIEL ET SYSTEME ET METHODE DE CONTROLE DE RESERVOIRS AU MOYEN DE CE GRAVIMETRE**  
[72] ORBAN, ANDRE E., US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2002-10-07  
[43] 2003-04-30  
[30] US (09/999,792) 2001-10-31

[21] **2,407,160**  
[13] A1  
[51] **Int.Cl. 7H04R 9/06 7H04R 7/04**  
[25] EN  
[54] **FLAT PANEL SOUND RADIATOR WITH SUPPORTED EXCITER AND COMPLIANT SURROUND**  
[54] **HAUT-PARLEUR PLAT A SUPPORT SOUPLE UTILISANT UN EXCITATEUR**  
[72] GO, CARLOS, US  
[72] KLASCO, MICHAEL, US  
[72] TOBIANO, PABLO, US  
[71] ARMSTRONG WORLD INDUSTRIES, INC., US  
[22] 2002-10-08  
[43] 2003-04-30  
[30] US (10/003,929) 2001-10-31

[21] **2,407,343**  
[13] A1  
[51] **Int.Cl. 7G02B 27/10 7H04B 10/12**  
[25] EN  
[54] **LOSSLESS OPTICAL SPLITTER**  
[54] **REPARTITEUR OPTIQUE SANS PERTES**  
[72] TEGGE, EDWARD H., JR., US  
[72] LANGE, MICHAEL R., US  
[72] BRYANT, CHARLES E., US  
[71] HARRIS CORPORATION, US  
[22] 2002-10-10  
[43] 2003-04-29  
[30] US (10/039,382) 2001-10-29

[21] **2,407,719**  
[13] A1  
[51] **Int.Cl. 7A61F 2/16**  
[25] EN  
[54] **INTRAOCULAR LENS IMPLANT HAVING ACCOMMODATIVE CAPABILITIES**  
[54] **CRISTALLIN ARTIFICIEL AYANT DES CAPACITES D'ACCOMODATION**  
[72] KHOURY, ELIE, CA  
[71] KHOURY, ELIE, CA  
[22] 2002-10-31  
[43] 2003-05-01  
[30] GB (0126234.4) 2001-11-01

[21] **2,407,816**  
[13] A1  
[51] **Int.Cl. 7G11B 23/00 7G11B 20/00**  
[25] EN  
[54] **STORAGE MEDIUM HAVING PRELOADED FONT INFORMATION, AND APPARATUS AND METHOD FOR REPRODUCING DATA FROM STORAGE MEDIUM**  
[54] **SUPPORT DE STOCKAGE A INFORMATION SUR LES POLICES PRECHARGEES, ET APPAREIL ET METHODE DE LECTURE DE DONNEES ENREGISTREES SUR CE SUPPORT**  
[72] BAK, BONG-GIL, KR  
[72] KIM, BYUNG-JUN, KR  
[72] JUNG, KIL-SOO, KR  
[72] CHUNG, HYUN-KWON, KR  
[72] KO, JUNG-WAN, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 2002-10-11  
[43] 2003-05-01  
[30] KR (2001-67827) 2001-11-01  
[30] KR (2002-9744) 2002-02-23

[21] **2,408,061**  
[13] A1  
[51] **Int.Cl. 7F28F 27/00**  
[25] EN  
[54] **WATER MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE L'EAU**  
[72] SMITH, WADE W., US  
[71] SMITH, WADE W., US  
[22] 2002-10-15  
[43] 2003-04-29  
[30] US (10/055,164) 2001-10-29

[21] **2,408,062**  
[13] A1  
[51] **Int.Cl. 7G01L 7/08**  
[25] EN  
[54] **PRESSURE TRANSDUCER**  
[54] **TRANSDUCTEUR DE PRESSION**  
[72] JOHNSON, DWIGHT N., US  
[71] JOHNSON, DWIGHT N., US  
[22] 2002-10-15  
[43] 2003-04-29  
[30] US (10/074,748) 2001-10-29

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[13] A1  
[51] **Int.Cl. 7F16B 39/282**  
[25] EN  
[54] **LOCK NUT**  
[54] **CONTRE-ECROU**  
[72] WINKER, ALEXANDER, DE  
[71] METALLWARENFABRIK HERMANN WINKER GMBH & CO., KG, DE  
[22] 2002-10-15  
[43] 2003-04-30  
[30] DE (201 17 635.1) 2001-10-31

[21] **2,408,101**  
[13] A1  
[51] **Int.Cl. 7G02B 27/14 7H04J 14/02 7G02B 27/10**  
[25] EN  
[54] **INTERLEAVER**  
[54] **ENTRELACEUR**  
[72] KENMOCHI, TAMOYA, JP  
[72] IIMURA, TETSUYA, JP  
[72] SANO, HIROSHI, JP  
[72] SUGANUMA, HIROSHI, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2002-10-15  
[43] 2003-05-02  
[30] JP (2001-338237) 2001-11-02  
[30] JP (2001-392288) 2001-12-25

[21] **2,408,121**  
[13] A1  
[51] **Int.Cl. 7H01H 43/10**  
[25] EN  
[54] **TIMER**  
[54] **MINUTERIE**  
[72] SMITH, DONALD E., US  
[72] AMONETT, DANIEL KEITH, US  
[72] SOKALSKI, ROBERT G., US  
[71] FRANCE/SCOTT FETZER COMPANY, US  
[22] 2002-10-15  
[43] 2003-05-02  
[30] US (10/000,201) 2001-11-02

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[13] A1

[51] **Int.Cl. 7C08B 30/18 7C08B 30/00 7A23L 1/0522**  
[25] EN  
[54] **DERIVES D'AMIDON HYDROGENES SOLUBLES CONTENANT DES FIBRES ALIMENTAIRES NON DIGESTIBLES**  
[54] **SOLUBLE HYDROGENATED STARCH DERIVATIVES CONTAINING NON DIGESTIBLE DIETARY FIBERS**  
[72] FUERTES, PATRICK, FR  
[71] FUERTES, PATRICK, FR  
[22] 2002-10-16  
[43] 2003-04-30  
[30] FR (01/14091) 2001-10-30

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[21] **2,408,780**  
[13] A1

[51] **Int.Cl. 7F02M 35/10 7B60K 13/00**  
[25] EN  
[54] **AIR FLOW TARGET DETERMINATION**  
[54] **CALCUL DU DEBIT D'AIR CIBLE**  
[72] ARLAUSKAS, PAUL R., US  
[72] PRUCKA, MICHAEL J., US  
[72] CHENG, YI, US  
[72] FRANKS, KERRY D., US  
[72] DIEBEL, DANIEL B., US  
[72] OHL, GREGORY L., US  
[72] YIP, JAMES W., US  
[71] DAIMLERCHRYSLER CORPORATION, US  
[22] 2002-10-17  
[43] 2003-04-30  
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[13] A1

[51] **Int.Cl. 7F02D 41/18 7F02D 28/00 7F02D 9/08 7F02M 35/10**  
[25] EN  
[54] **AIR MASS FLOW RATE DETERMINATION**  
[54] **DETERMINATION DU DEBIT D'AIR MASSIQUE**  
[72] PRUCKA, MICHAEL J., US  
[72] OHL, GREGORY L., US  
[72] YIP, JAMES W., US  
[72] DIEBEL, DANIEL B., US  
[71] DAIMLERCHRYSLER CORPORATION, US  
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[43] 2003-04-30  
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[13] A1

[51] **Int.Cl. 7H02H 9/02 7H01L 39/00**  
[25] EN  
[54] **RESISTIVE SUPERCONDUCTING CURRENT LIMITER**  
[54] **LIMITEUR DE COURANT RESISTIF A SUPRACONDUCTEUR**  
[72] LAKNER, MARTIN, CH  
[72] CHEN, MAKAN, CH  
[72] RHYNER, JAKOB, CH  
[72] PAUL, WLLI, CH  
[71] ABB RESEARCH LTD., CH  
[22] 2002-10-22  
[43] 2003-04-30  
[30] EP (01811059.3) 2001-10-31

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[21] **2,409,086**  
[13] A1

[51] **Int.Cl. 7B32B 15/14**  
[25] EN  
[54] **METAL MATRIX COMPOSITE**  
[54] **MATERIAU COMPOSITE A MATRICE METALLIQUE**  
[72] KONO, AKIRA, JP  
[72] YAMADA, TAKESHI, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2002-10-21  
[43] 2003-04-29  
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[21] **2,409,092**  
[13] A1

[51] **Int.Cl. 7A23G 1/00**  
[25] EN  
[54] **CHOCOLATE CRUMB FLAVOUR MANIPULATION**  
[54] **MODIFICATION DE LA FLAVEUR DE LA MIE DE CHOCOLAT**  
[72] SIEVERT, DIETMAR, CH  
[72] HANSEN, CARL ERIK, CH  
[72] ARMSTRONG, EUAN, GB  
[72] JUILLERAT, MARCEL ALEXANDRE, CH  
[72] KOCHHAR, SUNIL, CH  
[72] BUDWIG, CHRISTOPHER, US  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 2002-10-21  
[43] 2003-04-30  
[30] GB (0126024.9) 2001-10-30

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[21] **2,409,122**  
[13] A1

[51] **Int.Cl. 7F23R 3/42**  
[25] EN  
[54] **GAS TURBINE AND COMBUSTOR THEREFOR**  
[54] **TURBINE A GAZ ET CHAMBRE DE COMBUSTION DE TURBINE A GAZ**  
[72] NISHIDA, KOICHI, JP  
[72] OHTA, MASATAKA, JP  
[72] TANAKA, KATSUNORI, JP  
[72] MANDAI, SHIGEMI, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2002-10-22  
[43] 2003-04-29  
[30] JP (2001-331134) 2001-10-29  
[30] JP (2002-234192) 2002-08-09

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[21] **2,409,288**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/16 7G06F 13/42**  
[25] EN  
[54] **TECHNIQUE FOR EFFECTIVE MANAGEMENT OF SCHEDULES OF TIME-SENSITIVE EVENTS FROM DIFFERENT SOURCES**  
[54] **METHODE POUR GERER EFFICACEMENT LES CALENDRIERS D'EVENEMENTS SENSIBLES AUX FUSEAUX HORAIRE DE SOURCES DIFFERENTES**  
[72] TIMMINS, TIMOTHY A., US  
[72] ELSEY, NICHOLAS J., US  
[71] METRO ONE TELECOMMUNICATIONS, INC., US  
[22] 2002-10-22  
[43] 2003-05-02  
[30] US (10/003,930) 2001-11-02

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[21] **2,409,293**  
[13] A1  
[51] **Int.Cl. 7E05B 47/00 7G05B 15/00**  
[25] EN  
[54] **ACCESS CONTROL SYSTEM IN SEAMLESS COMMUNICATION WITH PERSONNEL MANAGEMENT SYSTEMS AND THE LIKE**  
[54] **SYSTEME DE CONTROLE D'ACCES EN COMMUNICATION TRANSPARENTE AVEC DES SYSTEMES DE GESTION PERSONNELS ET DES SYSTEMES SIMILAIRES**  
[72] STONE, HARVEY, US  
[72] DOW, WAYNE B., US  
[72] PITTS, VIKKI W., US  
[71] THE CHAMBERLAIN GROUP, INC., US  
[22] 2002-10-22  
[43] 2003-04-29  
[30] US (09/984,344) 2001-10-29

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[21] **2,409,319**  
[13] A1  
[51] **Int.Cl. 7G01S 13/00 7G01S 13/32 7H04B 1/69 7G01S 13/88 7G01S 13/92 7G01S 13/93**  
[25] EN  
[54] **SPREAD SPECTRUM RADAR WITH LEAK COMPENSATION AT BASEBAND**  
[54] **RADAR A ETALEMENT DU SPECTRE DOTE D'UN DISPOSITIF DE COMPENSATION DES FUITES DANS LA BANDE DE BASE**  
[72] KWONG, MICHAEL K. C., CA  
[72] RAUCH, SOL, CA  
[71] SPECTRUM TARGET DETECTION INC., CA  
[22] 2002-10-22  
[43] 2003-05-02  
[30] CA (2,361,015) 2001-11-02

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[21] **2,409,332**  
[13] A1  
[51] **Int.Cl. 7B05B 5/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REDUCING COATING BUILDUP ON FEED TUBES**  
[54] **METHODE ET APPAREIL ANTI-ACCUMULATION DE PRODUIT D'ENROBAGE DANS TUBES D'ALIMENTATION**  
[72] SEITZ, DAVID M., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2002-10-22  
[43] 2003-04-30  
[30] US (60/335,195) 2001-10-31  
[30] US (10/299,678) 2002-08-28

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[21] **2,409,418**  
[13] A1  
[51] **Int.Cl. 7B25C 1/08 7B25B 31/00**  
[25] EN  
[54] **FASTENER DRIVING TOOLS**  
[54] **OUTILS DE POSE DE FIXATIONS**  
[72] MCCULLOUGH, DAVID JOHN, AU  
[72] FERRIER, IAN ROSS, AU  
[72] O'CONNOR, PETER JOHN, AU  
[72] CONNELL, ROBERT URQUHART, AU  
[71] CETRAM PTY LIMITED, AU  
[22] 2002-10-23  
[43] 2003-04-30  
[30] AU (PR8575/01) 2001-10-30

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[13] A1  
[51] **Int.Cl. 7H04Q 7/36 7H04L 29/06 7H04L 12/12 7H04Q 7/38 7H04L 12/66**  
[25] EN  
[54] **ENTERPRISE MOBILE SERVER PLATFORM**  
[54] **PLATE-FORME DE SERVEUR MOBILE POUR ENTREPRISES**  
[72] WEI, BIN, US  
[72] JANA, RITTIK, US  
[72] JIM, TREVOR, US  
[72] JOHN, SAM, US  
[72] MUTHUMANICKAM, RADHAKRISHNAN, US  
[72] HUANG, HUALE, US  
[72] JORA, SERBAN, US  
[72] CHEN, YIH-FARN ROBIN, US  
[71] AT&T CORP., US  
[22] 2002-10-22  
[43] 2003-04-29  
[30] US (60/340,908) 2001-10-29  
[30] US (10/037,570) 2001-11-09  
[30] US (60/347,110) 2002-01-09  
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[13] A1  
[51] **Int.Cl. 7B05B 5/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REDUCING COATING BUILDUP ON FEED TUBES**  
[54] **METHODE ET APPAREIL ANTI-ACCUMULATION DE PRODUIT D'ENROBAGE DANS TUBES D'ALIMENTATION**  
[72] SEITZ, DAVID M., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2002-10-22  
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[21] **2,409,418**  
[13] A1  
[51] **Int.Cl. 7B25C 1/08 7B25B 31/00**  
[25] EN  
[54] **FASTENER DRIVING TOOLS**  
[54] **OUTILS DE POSE DE FIXATIONS**  
[72] MCCULLOUGH, DAVID JOHN, AU  
[72] FERRIER, IAN ROSS, AU  
[72] O'CONNOR, PETER JOHN, AU  
[72] CONNELL, ROBERT URQUHART, AU  
[71] CETRAM PTY LIMITED, AU  
[22] 2002-10-23  
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[13] A1  
[51] **Int.Cl. 7B21K 25/00**  
[25] EN  
[54] **METHOD OF JOINING MATERIAL**  
[54] **METHODE D'ASSEMBLAGE DE MATERIAUX**  
[72] ROBERTSON, JOHN M., US  
[72] DEMICHAEL, THOMAS, US  
[72] WALKER, RAYMOND M., US  
[71] UNITED TECHNOLOGIES CORPORATION, US  
[22] 2002-10-23  
[43] 2003-04-29  
[30] US (10/074,736) 2001-10-29

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[21] **2,409,444**  
[13] A1  
[51] **Int.Cl. 7H04N 1/405**  
[25] EN  
[54] **METHOD OF DESIGNING HALFTONE SCREENS USING NON-ORTHOGONAL SUPERCCELLS**  
[54] **METHODE DE CONCEPTION DE TRAMES DE SIMILIGRAVURE AU MOYEN DE SUPERCCELLULES NON ORTHOGONALES**  
[72] WANG, SHEN-GE, US  
[72] FAN, ZHIGANG, US  
[71] XEROX CORPORATION, US  
[22] 2002-10-23  
[43] 2003-04-30  
[30] US (10/020,676) 2001-10-30

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[13] A1  
[51] **Int.Cl. 7H01M 8/24 7H01M 8/02 7H01M 2/20**  
[25] EN  
[54] **PEM FUEL CELL**  
[54] **PILE A COMBUSTIBLE A MEMBRANE ECHANGEUSE DE PROTONS**  
[72] LEBAN, MARZIO, US  
[71] HEWLETT-PACKARD COMPANY, US  
[22] 2002-10-23  
[43] 2003-04-29  
[30] US (10/002,730) 2001-10-29

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[13] A1

[51] **Int.Cl. 7E04C 5/16**  
[25] EN  
[54] **STRAP HOLDING DEVICE**  
[54] **DISPOSITIF DE FIXATION DE**  
**CHAPE DE FEUILLARD DE**  
**CERCLAGE**  
[72] CRAWFORD, MARK G., US  
[72] SHAMROUKH, LOUAY A., US  
[71] SIMPSON STRONG-TIE COMPANY,  
INC., US  
[22] 2002-10-22  
[43] 2003-04-30  
[30] US (10/000,678) 2001-10-30

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[21] **2,409,459**  
[13] A1

[51] **Int.Cl. 7H01M 8/04**  
[25] EN  
[54] **FUEL SUPPLY FOR A FUEL CELL**  
[54] **BLOC D'ALIMENTATION DE PILE**  
**A COMBUSTIBLE**  
[72] PRASAD, RAVI, US  
[72] TSANG, JOSEPH W., US  
[72] MANN, L. CHRIS, US  
[72] LIU, QIN, US  
[72] CHILDERS, WINTHROP D., US  
[72] BULLOCK, MICHAEL L., US  
[72] JOHNSON, LOREN E., US  
[71] HEWLETT-PACKARD COMPANY,  
US  
[22] 2002-10-23  
[43] 2003-04-29  
[30] US (10/000,249) 2001-10-29

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[21] **2,409,473**  
[13] A1

[51] **Int.Cl. 7A01D 43/00**  
[25] EN  
[54] **MOWER-CONDITIONER**  
[54] **FAUCHEUSE-CONDITIONNEUSE**  
[72] MELLIN, MICHAEL JAMES, FR  
[71] DEERE & COMPANY, US  
[22] 2002-10-23  
[43] 2003-04-30  
[30] DE (101 53 564.3) 2001-10-30

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[13] A1

[51] **Int.Cl. 7H01H 71/00 7H01H 71/08**  
[25] EN  
[54] **METHOD OF ELECTRICALLY**  
**GROUNDING A CIRCUIT BREAKER**  
**AND CIRCUIT BREAKER PANEL**  
**EMPLOYING A GROUNDING**  
**MEMBER**  
[54] **METHODE DE MISE A LA MASSE**  
**POUR COUPE-CIRCUITS ET PANNEAU**  
**DE DISTRIBUTION EQUIPE D'UN**  
**DISPOSITIF DE MISE A LA MASSE**  
[72] THEISEN, PETER J., US  
[72] MCCORMICK, JAMES MICHAEL, US  
[71] EATON CORPORATION, US  
[22] 2002-10-23  
[43] 2003-04-29  
[30] US (10/038,244) 2001-10-29

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[21] **2,409,498**  
[13] A1

[51] **Int.Cl. 7G06F 1/26**  
[25] EN  
[54] **SYSTEMS INCLUDING**  
**REPLACEABLE FUEL CELL**  
**APPARATUS AND METHODS OF**  
**USING REPLACEABLE FUEL CELL**  
**APPARATUS**  
[54] **SYSTEMES COMPOSES DE PILES**  
**A COMBUSTIBLE REMPLACABLES ET**  
**METHODES D'UTILISATION**  
**CONNEXES**  
[72] BULLOCK, MICHAEL L., US  
[72] CHILDERS, WINTHROP D., US  
[71] HEWLETT-PACKARD COMPANY,  
US  
[22] 2002-10-23  
[43] 2003-04-29  
[30] US (10/002,777) 2001-10-29

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[21] **2,409,503**  
[13] A1

[51] **Int.Cl. 7G06F 1/26 7G06F 1/28**  
[25] EN  
[54] **REPLACEABLE FUEL CELL**  
**APPARATUS HAVING INFORMATION**  
**STORAGE DEVICE**  
[54] **PILE A COMBUSTIBLE**  
**REMPACABLE A DISPOSITIF DE**  
**STOCKAGE D'INFORMATIONS**  
[72] CHILDERS, WINTHROP D., US  
[72] BULLOCK, MICHAEL L., US  
[71] HEWLETT-PACKARD COMPANY,  
US  
[22] 2002-10-23  
[43] 2003-04-29  
[30] US (10/000,248) 2001-10-29

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[21] **2,409,519**  
[13] A1

[51] **Int.Cl. 7F16B 43/00**  
[25] EN  
[54] **MOLDED BACKPLATE NUT BAR**  
**LOCATION AND RETENTION PINS**  
[54] **CHEVILLES MOULEES DE**  
**POSITIONNEMENT/RETENUE DE**  
**PLAQUE-ECROU**  
[72] OSTROWSKI, FRANK K., US  
[72] SANNER, KENNETH W., US  
[71] EATON CORPORATION, US  
[22] 2002-10-23  
[43] 2003-04-30  
[30] US (10/016,741) 2001-10-31

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[21] **2,409,530**  
[13] A1

[51] **Int.Cl. 7G01N 27/90**  
[25] FR  
[54] **CAPTEUR POUR LA DETECTION**  
**DE DEFAUTS DANS UNE PIECE**  
**DE WORKPIECE DEFECT**  
**DETECTION SENSOR**  
[72] WACHE, GILBERT, FR  
[71] CEGELEC, FR  
[22] 2002-10-28  
[43] 2003-04-29  
[30] FR (01 13992) 2001-10-29

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[21] **2,409,533**  
[13] A1

[51] **Int.Cl. 7F16C 33/06 7C22C 9/00**  
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[25] EN  
[54] **SILVER-CONTAINING COPPER**  
**ALLOYS FOR JOURNAL BEARINGS**  
[54] **ALLIAGES DE CUIVRE A**  
**L'ARGENT POUR COUSSINETS**  
[72] LAW, CHI C., US  
[71] UNITED TECHNOLOGIES  
CORPORATION, US  
[22] 2002-10-24  
[43] 2003-04-29  
[30] US (10/021,008) 2001-10-29

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[13] A1  
[51] **Int.Cl. 7H04R 1/44**  
[25] FR  
[54] **HYDROPHONE A INHIBITION AUTOMATIQUE EN CAS DE DEPASSEMENT D'UN SEUIL D'IMMERSION AJUSTABLE**  
[54] **HYDROPHONE WITH ADJUSTABLE AUTOMATIC DISABLING MECHANISM IN CASE OF IMMERSION TRESHHOLD OVERSHOOT**  
[72] BARONI, AXELLE, FR  
[72] MEYNIER, PATRICK, FR  
[72] CONSTANTINOU, GEORGES, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[71] VINCI TECHNOLOGIES, FR  
[22] 2002-10-29  
[43] 2003-05-02  
[30] FR (01/14.249) 2001-11-02  
[30] FR (02/07.694) 2002-06-21

[21] **2,409,535**  
[13] A1  
[51] **Int.Cl. 7F25B 43/00 7B23P 15/00 7B21D 53/88**  
[25] EN  
[54] **BAFFLE CONNECTION FOR AN ACCUMULATOR AND RELATED METHOD OF MANUFACTURING**  
[54] **RACCORD DE DEFLECTEUR POUR ACCUMULATEUR ET METHODE DE FABRICATION CONNEXE**  
[72] PATEL, CHHOTU N., US  
[72] FISK, JOHN DALE, US  
[71] AUTOMOTIVE FLUID SYSTEMS, INC., US  
[22] 2002-10-24  
[43] 2003-04-30  
[30] US (10/012,123) 2001-10-30

[21] **2,409,536**  
[13] A1  
[51] **Int.Cl. 7C12P 19/04 7C12N 1/00 7C12N 9/00 7C12N 7/06 7C12P 13/08 7C12P 19/08 7C12P 19/10 7C12P 7/56**  
[25] FR  
[54] **PROCEDE DE PREPARATION D'UN MILIEU DE FERMENTATION AUTOSUFFISANT**  
[54] **SELF-SUSTAINING FERMENTATION MEDIUM PREPARATION PROCESS**  
[72] SEGUEILHA, LAURENT, FR  
[72] FOUACHE, CATHERINE, FR  
[71] ROQUETTE FRERES, FR  
[22] 2002-10-29  
[43] 2003-04-30  
[30] FR (FR0114090) 2001-10-30

[21] **2,409,550**  
[13] A1  
[51] **Int.Cl. 7A01F 15/07**  
[25] EN  
[54] **ROUND BALER HAVING SIMPLIFIED BALE DISCHARGE STRUCTURE**  
[54] **PRESSE A BALLE CYLINDRIQUES A DISPOSITIF DE DECHARGE SIMPLIFIE**  
[72] VIAUD, JEAN, FR  
[72] LUCAND, PHILIPPE, FR  
[71] DEERE & COMPANY, US  
[22] 2002-10-23  
[43] 2003-04-30  
[30] DE (101 53 539.2) 2001-10-30

[21] **2,409,560**  
[13] A1  
[51] **Int.Cl. 7B29D 23/00 7F16L 9/12**  
[25] FR  
[54] **PROCEDE DE FABRICATION DE TUYAUTERIES COMPOSITES NOTAMMENT DE CONDITIONNEMENT D'AIR ET TUYAUTERIES AINSI OBTENUES**  
[54] **COMPOSITE PIPING MANUFACTURING PROCESS, IN PARTICULAR FOR AIR CONDITIONING, AND PIPING SO MANUFACTURED**  
[72] LAZORTHES, BENJAMIN, FR  
[72] EFTYMIADES, GEORGES, FR  
[71] AIRBUS FRANCE, FR  
[22] 2002-10-30  
[43] 2003-04-30  
[30] FR (01 14147) 2001-10-31

[21] **2,409,571**  
[13] A1  
[51] **Int.Cl. 7B63B 35/73**  
[25] EN  
[54] **PERSONAL WATERCRAFT**  
[54] **MOTOMARINE**  
[72] NAKAJIMA, JUN, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2002-10-21  
[43] 2003-04-30  
[30] JP (2001-333286) 2001-10-30

[21] **2,409,572**  
[13] A1  
[51] **Int.Cl. 7B60K 23/02**  
[25] EN  
[54] **TRANSMISSION OF INTERNAL COMBUSTION ENGINE**  
[54] **TRANSMISSION DE MOTEUR A COMBUSTION INTERNE**  
[72] HORI, YOSHIKI, JP  
[72] NISHI, TOHRU, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2002-10-21  
[43] 2003-04-30  
[30] JP (2001-334134) 2001-10-31

[21] **2,409,574**  
[13] A1  
[51] **Int.Cl. 7F16H 57/00 7F16C 3/02 7B60K 17/22**  
[25] EN  
[54] **OUTPUT SHAFT STRUCTURE OF SHAFT DRIVEN VEHICLE**  
[54] **ARBRE D'ENTRAINEMENT POUR VEHICULE MU PAR ARBRE D'ENTRAINEMENT**  
[72] NISHI, TOHRU, JP  
[72] HORI, YOSHIKI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2002-10-21  
[43] 2003-04-30  
[30] JP (2001-334526) 2001-10-31

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[21] **2,409,579**  
[13] A1

[51] **Int.Cl. 7F02C 7/00**  
[25] FR  
[54] **DISPOSITIF DE DECHARGE DANS UN TURBOREACTEUR A DOUBLE FLUX**  
[54] **DISCHARGE MEANS FOR BYPASS ENGINES**  
[72] GERVAIS, PASCAL GERARD, FR  
[72] BRAULT, MICHEL GILBERT ROLAND, FR  
[72] THORE, MONIQUE ANDREE, FR  
[72] BEUTIN, BRUNO, FR  
[71] SNECMA MOTEURS, FR  
[22] 2002-10-30  
[43] 2003-04-30  
[30] FR (01 14097) 2001-10-31

[21] **2,409,590**  
[13] A1

[51] **Int.Cl. 7G01J 3/46 7G05D 25/00 7G03G 21/00 7G03G 13/01 7B41J 2/525**  
[25] EN  
[54] **MODEL BASED DETECTION AND COMPENSATION OF GLITCHES IN COLOR MEASUREMENT SYSTEMS**  
[54] **METHODE A BASE DE MODELES POUR DETECTER ET CORRIGER LES PARASITES TRANSITOIRES DANS LES SYSTEMES DE MESURE DE SIGNAUX DE COULEUR**  
[72] MESTHA, LALIT K., US  
[72] WANG, YAO RONG, US  
[72] MIHALYOV, KENNETH J., US  
[71] XEROX CORPORATION, US  
[22] 2002-10-24  
[43] 2003-04-30  
[30] US (10/000.379) 2001-10-31

[21] **2,409,618**  
[13] A1

[51] **Int.Cl. 7A01J 5/007 7A01J 5/017 7A01J 7/04**  
[25] EN  
[54] **A METHOD FOR PERFORMING MILING OPERATIONS AND PERFORMING AFTER-TREATMENT OPERATIONS**  
[54] **METHODE DE TRAITE ET DE SOINS POST-TRAITE**  
[72] BJORK, ANDERS, SE  
[72] HALLSTROM, ANDERS, SE  
[71] DELAVAL HOLDING AB, SE  
[22] 2002-10-24  
[43] 2003-04-30  
[30] SE (010361-4) 2001-10-31

[21] **2,409,627**  
[13] A1

[51] **Int.Cl. 7B26B 21/40 7B26B 21/24**  
[25] EN  
[54] **RAZOR ASSEMBLY WITH REPLACEABLE CARTRIDGE**  
[54] **RASOIR A CARTOUCHE JETABLE**  
[72] FOLLO, THOMAS ANTHONY, US  
[71] WARNER-LAMBERT COMPANY LLC, US  
[22] 2002-10-25  
[43] 2003-05-01  
[30] US (60/343,723) 2001-11-01

[21] **2,409,631**  
[13] A1

[51] **Int.Cl. 7H04L 12/24 7G06F 17/60**  
[25] EN  
[54] **USER PROFILE CLASSIFICATION BY WEB USAGE ANALYSIS**  
[54] **METHODE D'ETABLISSEMENT DE PROFILS D'UTILISATEUR BASEE SUR UNE ANALYSE DE L'UTILISATION DU WEB**  
[72] ADAMIC, LADA A., US  
[72] CHEN, FRANCINE R., US  
[72] ADAR, EYTAN, US  
[71] XEROX CORPORATION, US  
[22] 2002-10-25  
[43] 2003-05-02  
[30] US (10/033,586) 2001-11-02

[21] **2,409,634**  
[13] A1

[51] **Int.Cl. 7F23D 14/18**  
[25] EN  
[54] **LOW POWER STARTER FOR CATALYTIC HEATERS**  
[54] **DEMARREUR FAIBLE PUISSANCE POUR APPAREILS DE CHAUFFAGE A CATALYSE**  
[72] CESSAC, KEVIN J., US  
[71] PGI INTERNATIONAL, LTD., US  
[22] 2002-10-24  
[43] 2003-04-30  
[30] US (10/000,664) 2001-10-31

[21] **2,409,638**  
[13] A1

[51] **Int.Cl. 7G01D 5/34**  
[25] EN  
[54] **PHOTOELECTRIC SENSOR**  
[54] **CAPTEUR PHOTOELECTRIQUE**  
[72] HAYAKAWA, DAISUKE, JP  
[72] WAKE, TORU, JP  
[71] SUNX LIMITED, JP  
[22] 2002-10-24  
[43] 2003-04-29  
[30] JP (2001-331504) 2001-10-29  
[30] JP (2001-397471) 2001-12-27

[21] **2,409,655**  
[13] A1

[51] **Int.Cl. 7H04L 12/26**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MONITORING DATA TRAFFIC ON A NETWORK**  
[54] **SYSTEME ET METHODE DE SURVEILLANCE DU TRAFIC DE DONNEES SUR UN RESEAU**  
[72] VO, KIEM-PHONG, US  
[71] AT&T CORP., US  
[22] 2002-10-25  
[43] 2003-05-02  
[30] US (10/002,277) 2001-11-02

[21] **2,409,791**  
[13] A1

[51] **Int.Cl. 7C22C 47/20 7C22C 49/00 7C22C 47/08 7B32B 15/14**  
[25] EN  
[54] **METHOD FOR FABRICATING METAL MATRIX COMPOSITE**  
[54] **METHODE DE FABRICATION DE COMPOSITES A MATRICE METALLIQUE**  
[72] KONO, AKIRA, JP  
[72] YAMADA, TAKESHI, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2002-10-25  
[43] 2003-04-29  
[30] JP (2001-330781) 2001-10-29

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[21] **2,409,801**  
[13] A1  
[51] **Int.Cl. 7B60K 35/00**  
[25] EN  
[54] **CONTROL CONSOLE FOR AN  
AUTOMOBILE**  
[54] **TABLEAU DE COMMANDE POUR  
AUTOMOBILE**  
[72] ZHAO, GEORGE, US  
[72] BRAY, THOMAS J., US  
[72] BERNEIS, PAUL ALLEN, US  
[72] MELNYK, BORYS JOSEPH, US  
[72] MATSON, JEFF, US  
[72] BOESCH, MICHAEL JOHN, US  
[71] VISTEON GLOBAL  
TECHNOLOGIES, INC., US  
[22] 2002-10-28  
[43] 2003-04-29  
[30] US (60/340,749) 2001-10-29

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[21] **2,409,804**  
[13] A1  
[51] **Int.Cl. 7E04F 13/00**  
[25] EN  
[54] **LATCH-TYPE TILE MOUNTING  
SYSTEM**  
[54] **SYSTEME DE POSE DE  
CARREAUX A FIXATIONS  
MECANIQUES**  
[72] ELSING, ROBERT J., US  
[71] KRUEGER INTERNATIONAL, INC.,  
US  
[22] 2002-10-28  
[43] 2003-04-30  
[30] US (10/260,326) 2001-10-31

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[21] **2,409,810**  
[13] A1  
[51] **Int.Cl. 7A41D 1/02 7A41D 1/06**  
[25] EN  
[54] **SUIT**  
[54] **COSTUME**  
[72] SHIOZAKI, KATSUHIKO, JP  
[72] KIUCHI, TAKAHIRO, JP  
[71] LA. SARA CO., LTD., JP  
[22] 2002-10-28  
[43] 2003-05-02  
[30] JP (2001-338266) 2001-11-02

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[21] **2,409,811**  
[13] A1  
[51] **Int.Cl. 7F16F 9/06 7B62D 55/07**  
[25] EN  
[54] **SHOCK ABSORBER WITH A GAS  
CHAMBER ON THE REBOUND SIDE  
OF A PISTON**  
[54] **AMORTISSEUR DE CHOCS  
COMPORTANT UNE ENCEINTE A GAZ  
COTE REBOND DU PISTON**  
[72] LEMIEUX, RENE, CA  
[71] BOMBARDIER INC., CA  
[22] 2002-10-28  
[43] 2003-04-29  
[30] US (60/330,727) 2001-10-29

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[21] **2,409,812**  
[13] A1  
[51] **Int.Cl. 7F16F 9/44 7F16F 9/18**  
[25] EN  
[54] **SHOCK ABSORBER WITH  
ADJUSTABLE VALVING**  
[54] **AMORTISSEUR DE CHOCS A  
CLAPETS/SOUPAPES REGLABLES**  
[72] LEMIEUX, RENE, CA  
[71] BOMBARDIER INC., CA  
[22] 2002-10-28  
[43] 2003-04-29  
[30] US (60/330,699) 2001-10-29

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[21] **2,409,884**  
[13] A1  
[51] **Int.Cl. 7G01N 9/32 7G01N 11/00  
7E21B 49/08**  
[25] EN  
[54] **SINGLE TUBE DOWNHOLE  
DENSITOMETER**  
[54] **DENSITOMETRE FOND-DE-TROU  
MONOTUBE**  
[72] MASINO, JAMES, US  
[72] PROETT, MARK A., US  
[72] STORM, BRUCE H. JR., US  
[71] HALLIBURTON ENERGY  
SERVICES, INC., US  
[22] 2002-10-25  
[43] 2003-04-29  
[30] US (10/055,202) 2001-10-29

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[21] **2,409,892**  
[13] A1  
[51] **Int.Cl. 7B62D 11/00 7B62D 55/00**  
[25] EN  
[54] **TRACKED VEHICLE**  
[54] **VEHICULE CHENILLE**  
[72] MAYER, STEPHAN, DE  
[72] KANZLER, HELMUT, DE  
[72] KUHN, MICHAEL, DE  
[71] KAESSBOHRER  
GELANDEFahrZEUG AG, DE  
[22] 2002-10-25  
[43] 2003-04-30  
[30] DE (10154651.3-21) 2001-10-30

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[21] **2,409,894**  
[13] A1  
[51] **Int.Cl. 7B62D 55/00**  
[25] EN  
[54] **TRACKED VEHICLE**  
[54] **VEHICULE CHENILLE**  
[72] KANZLER, HELMUT, DE  
[72] KUHN, MICHAEL, DE  
[71] KAESSBOHRER  
GELANDEFahrZEUG AG, DE  
[22] 2002-10-28  
[43] 2003-04-30  
[30] DE (10154650.5-21) 2001-10-30

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[21] **2,409,899**  
[13] A1  
[51] **Int.Cl. 7B60P 7/15**  
[25] EN  
[54] **CARGO BAR**  
[54] **BARRE D'ARRIMAGE**  
[72] SCOTT, GARY MICHAEL, US  
[71] SECURITY CHAIN CO., US  
[22] 2002-10-28  
[43] 2003-04-29  
[30] US (10/002,780) 2001-10-29

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**27 avril 2003 - 3 mai 2003**

[21] **2,409,902**  
[13] A1

[51] **Int.Cl. 7F16S 1/00 7E04G 23/03 7E04D 13/16 7E04B 1/80**  
[25] EN  
[54] **TOUGH AND DURABLE INSULATION BOARDS PRODUCED IN-PART WITH SCRAP RUBBER MATERIALS AND RELATED METHODS**  
[54] **PANNEAUX ISOLANTS ROBUSTES ET DURABLES PRODUITS EN PARTIE A PARTIR DE CAOUTCHOUC RECYCLE ET METHODES CONNEXES**  
[72] O'CONNOR, TERENCE J., US  
[72] BRANDT, GREG A., US  
[72] LETTS, JOHN B., US  
[72] GEARY, JOHN R., US  
[72] DOUGLAS, BRUCE F., US  
[71] BFS DIVERSIFIED PRODUCTS, LLC, US  
[22] 2002-10-29  
[43] 2003-04-30  
[30] US (10/020,826) 2001-10-30

[21] **2,409,906**  
[13] A1

[51] **Int.Cl. 7C07C 215/08 7C07C 213/00 7C07C 243/02 7A61K 31/133**  
[25] EN  
[54] **PROCESS FOR PRODUCING OPTICALLY ACTIVE AMINO ALCOHOLS AND INTERMEDIATES THEREFOR**  
[54] **METHODE ET PRODUITS INTERMEDIAIRES POUR PREPARER DES AMINOALCOOLS**  
[72] IKARIYA, TAKAO, JP  
[72] MURATA, KUNIHICO, JP  
[72] WATANABE, MASAHITO, JP  
[71] KANTO KAGAKU KABUSHIKI KAISHA, JP  
[22] 2002-10-28  
[43] 2003-04-30  
[30] JP (2001-335322) 2001-10-31  
[30] JP (2002-251994) 2002-08-29

[21] **2,409,917**  
[13] A1

[51] **Int.Cl. 7H04L 1/20 7H04L 27/34**  
[25] EN  
[54] **ERROR RECOVERY APPARATUS OF DIGITAL BROADCASTING RECEIVER TO COMPENSATE A PHASE-ERROR GENERATED BY A BROADCASTING SIGNAL TRANSMITTED THROUGH A MULTI-PATH CHANNEL**  
[54] **DISPOSITIF DE CORRECTION POUR RECEPTEUR DE DIFFUSION NUMERIQUE SERVANT A COMPENSER LES ERREURS DE PHASE ENGENDREES PAR UN SIGNAL DE DIFFUSION A TRAJETS MULTIPLES**  
[72] KIM, JOON-SOO, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 2002-10-25  
[43] 2003-05-01  
[30] KR (2001-67850) 2001-11-01

[21] **2,409,928**  
[13] A1

[51] **Int.Cl. 7B43K 7/00**  
[25] EN  
[54] **BALLPOINT PEN**  
[54] **STYLO A BILLE**  
[72] TANAKA, HIDEYUKI, JP  
[72] ANDO, MASASHI, JP  
[71] THE PILOT INK CO., LTD., JP  
[22] 2002-10-29  
[43] 2003-04-30  
[30] JP (P.2001-335317) 2001-10-31

[21] **2,409,938**  
[13] A1

[51] **Int.Cl. 7B65H 35/00 7B65H 37/00**  
[25] EN  
[54] **INSULATION CARRYING AND CUTTING DEVICE**  
[54] **DISPOSITIF DE MANUTENTION ET DE DECOUPE DE MATERIAU ISOLANT**  
[72] GHARST, THOMAS, US  
[72] CHEEK, JERRY, US  
[71] CHEEK, JERRY, US  
[22] 2002-10-29  
[43] 2003-04-30  
[30] US (10/001,403) 2001-10-31

[21] **2,409,972**  
[13] A1

[51] **Int.Cl. 7F01D 9/00**  
[25] EN  
[54] **FIXED GUIDE VANE ASSEMBLY SEPARATED INTO SECTORS FOR A TURBOMACHINE COMPRESSOR**  
[54] **DISTRIBUTEUR FIXE SEPRE EN SECTEURS POUR COMPRESSEUR DE TURBOMACHINE**  
[72] PERROLLAZ, JEAN-MARC CLAUDE, FR  
[72] BERTRAND, JEAN-LOUIS, FR  
[71] SNECMA MOTEURS, FR  
[22] 2002-10-28  
[43] 2003-04-30  
[30] FR (01 14102) 2001-10-31

[21] **2,410,011**  
[13] A1

[51] **Int.Cl. 7H04M 11/00 7E05B 47/00 7H04M 11/02**  
[25] EN  
[54] **ACCESS CONTROL SYSTEM HAVING TENANT CODES THAT MAY BE SELECTIVELY DISPLAYED**  
[54] **SYSTEME DE CONTROLE D'ACCES UTILISANT DES CODES DE LOCALAIRE SELECTIVEMENT AFFICHABLES**  
[72] STONE, HARVEY, US  
[72] AHLSTROM, JOHN F., US  
[71] THE CHAMBERLAIN GROUP, INC., US  
[22] 2002-10-24  
[43] 2003-04-29  
[30] US (09/984,343) 2001-10-29

[21] **2,410,016**  
[13] A1

[51] **Int.Cl. 7H04M 11/00 7E05B 47/00 7H04N 1/00 7H04M 11/02 7H04M 11/06**  
[25] EN  
[54] **ACCESS CONTROL SYSTEM HAVING A PROGRAMMABLE AUTOMATIC NOTIFICATION FEATURE**  
[54] **SYSTEME DE CONTROLE D'ACCES A FONCTION DE NOTIFICATION AUTOMATIQUE PROGRAMMABLE**  
[72] AHLSTROM, JOHN F., US  
[72] DOW, WAYNE B., US  
[71] THE CHAMBERLAIN GROUP, INC., US  
[22] 2002-10-24  
[43] 2003-04-29  
[30] US (09/984,342) 2001-10-29



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April 27, 2003 - May 3, 2003

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[21] **2,410,019**  
[13] A1  
[51] **Int.Cl. 7H02M 7/04 7E05B 47/00**  
[25] EN  
[54] **A SWITCH MODE POWER SUPPLY FOR A TELEPHONE ENTRY SYSTEM OR THE LIKE**  
[54] **ALIMENTATION A DECOUPAGE POUR SYSTEME D'ACCES TELEPHONIQUE OU SYSTEME SIMILAIRE**  
[72] AHLSTROM, JOHN F., US  
[71] THE CHAMBERLAIN GROUP, INC., US  
[22] 2002-10-24  
[43] 2003-04-29  
[30] US (09/984,341) 2001-10-29

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[21] **2,410,029**  
[13] A1  
[51] **Int.Cl. 7B63H 21/30 7B63H 21/36 7B63H 21/38 7B63B 35/73**  
[25] EN  
[54] **PERSONAL WATERCRAFT**  
[54] **MOTOMARINE**  
[72] NAKAJIMA, JUN, JP  
[72] NODA, YOSHIKI, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2002-10-29  
[43] 2003-04-30  
[30] JP (2001-335028) 2001-10-31

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[21] **2,410,059**  
[13] A1  
[51] **Int.Cl. 7B66B 1/34**  
[25] EN  
[54] **SYSTEM FOR TRANSPORTATION OR ACCESS CONTROL OF PERSONS OR GOODS, AND METHOD, DEVICE AND COMPUTER PROGRAM PRODUCT FOR MAINTENANCE OF THIS SYSTEM AND A METHOD FOR RETROFITTING A BUILDING WITH THIS SYSTEM**  
[54] **SYSTEME DE TRANSPORT DE PERSONNES OU DE MARCHANDISES, OU DE CONTROLE D'ACCES, ET METHODE, DISPOSITIF ET PROGICIEL D'ENTRETIEN DE CE SYSTEME ET METHODE D'ADAPTATION DES IMMEUBLES POUR RECEVOIR CE SYSTEME**  
[72] GERSTENKORN, BERNHARD, CH  
[71] INVENTIO AG, CH  
[22] 2002-10-29  
[43] 2003-05-01  
[30] EP (01811062.7) 2001-11-01

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[21] **2,410,064**  
[13] A1  
[51] **Int.Cl. 7H04L 29/02 7H04J 14/02 7H04L 12/12 7H04B 10/20 7H04L 12/24 7H04L 12/56**  
[25] EN  
[54] **OPTICAL DYNAMIC BURST SWITCH**  
[54] **COMMUTATEUR OPTIQUE DE DONNEES EN RAFALES DYNAMIQUE**  
[72] OKI, EIJI, JP  
[72] SHIOMOTO, KOHEI, JP  
[72] YAMANAKA, NAOAKI, JP  
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP  
[22] 2002-10-29  
[43] 2003-05-02  
[30] JP (2001-337898) 2001-11-02  
[30] JP (2001-337920) 2001-11-02  
[30] JP (2001-338058) 2001-11-02  
[30] JP (2001-338067) 2001-11-02

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[21] **2,410,068**  
[13] A1  
[51] **Int.Cl. 7C12M 3/00 7A01N 1/02**  
[25] EN  
[54] **INCUBATION AND STORAGE DEVICE, IN PARTICULAR FOR SPECIMENS OF ORGANIC MATERIAL**  
[54] **DISPOSITIF D'INCUBATION ET DE CONSERVATION, EN PARTICULIER POUR LES ECHANTILLONS DE MATERIEL ORGANIQUE**  
[72] BIDLINGMAIER, DIETER, DE  
[72] KAUSCHKE, MARION, DE  
[71] KENDRO LABORATORY PRODUCTS GMBH, DE  
[22] 2002-10-29  
[43] 2003-05-01  
[30] DE (10154663.7) 2001-11-01

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[21] **2,410,070**  
[13] A1  
[51] **Int.Cl. 7B63H 25/02 7B63B 35/73**  
[25] EN  
[54] **STEERING DEVICE FOR PERSONAL WATERCRAFT**  
[54] **DIRECTION DE MOTOMARINE**  
[72] FUSE, TOMOHIRO, JP  
[72] YOSHIDA, JO, JP  
[72] NAKAJIMA, JUN, JP  
[72] NAGATA, TADAAKI, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2002-10-29  
[43] 2003-04-30  
[30] JP (2001-333302) 2001-10-30

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[21] **2,410,076**  
[13] A1  
[51] **Int.Cl. 7B63H 21/21 7B63B 35/73**  
[25] EN  
[54] **IGNITION CONTROL APPARATUS FOR ENGINE WITH TURBOCHARGER**  
[54] **COMMANDE D'ALLUMAGE POUR MOTEUR A TURBOCOMPRESSEUR**  
[72] OKADA, KAZUNORI, JP  
[72] URAKI, MAMORU, JP  
[72] SATO, SUMIO, JP  
[72] TOMODA, KAZUHIKO, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2002-10-29  
[43] 2003-04-30  
[30] JP (2001-333309) 2001-10-30

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[21] **2,410,078**  
[13] A1  
[51] **Int.Cl. 7B63H 21/38**  
[25] EN  
[54] **FITTING STRUCTURE FOR ELECTRICAL COMPONENT PART IN WATERCRAFT**  
[54] **RACCORD D'ELEMENT ELECTRIQUE POUR EMBARCATION**  
[72] FUNAYOSE, YUSUKE, JP  
[72] YASHIRO, TOMOHIKO, JP  
[72] HASEGAWA, TORU, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 2002-10-29  
[43] 2003-04-30  
[30] JP (2001-334028) 2001-10-31

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[21] **2,410,079**  
[13] A1  
[51] **Int.Cl. 7A01F 15/07 7A01F 15/08**  
[25] EN  
[54] **LIGHT DISCHARGE GATE FOR LARGE ROUND BALER**  
[54] **DECHARGEUR LEGER POUR GROSSE PRESSE A BALLEES CYLINDRIQUES**  
[72] LUCAND, PHILIPPE, FR  
[72] VIAUD, JEAN, FR  
[71] DEERE & COMPANY, US  
[22] 2002-10-29  
[43] 2003-04-30  
[30] DE (101 53 540.6) 2001-10-30

**Demandes canadiennes mises à la disponibilité du public**  
**27 avril 2003 - 3 mai 2003**

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[21] **2,410,080**  
[13] A1

[51] **Int.Cl. 7A01F 15/14 7A01F 15/07**  
[25] EN  
[54] **ROUND BALER BINDING ARRANGEMENT INCLUDING TWINE TENSION CONTROL**  
[54] **MECANISME DE CERCLAGE DE PRESSE A BALLE CYLINDRIQUE COMPRENANT UN REGULATEUR DE TENSION DE CORDE DE CERCLAGE**  
[72] UROS, RAYMOND, FR  
[72] REPELLIN, JEROME, FR  
[72] VIAUD, JEAN, FR  
[71] DEERE & COMPANY, US  
[22] 2002-10-29  
[43] 2003-04-30  
[30] DE (101 53 517.1) 2001-10-30

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[21] **2,410,105**  
[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR PROVIDING REWARDS BENEFITS TO ACCOUNT HOLDERS**  
[54] **SYSTEMES ET METHODES POUR RECOMPENSER LES TITULAIRES DE COMPTES**  
[72] MCALEAR, JAMES A., CA  
[71] MCALEAR, JAMES A., CA  
[22] 2002-10-29  
[43] 2003-04-29  
[30] US (09/984,104) 2001-10-29

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[21] **2,410,107**  
[13] A1

[51] **Int.Cl. 7H04L 1/08 7H04B 7/216 7H04Q 7/36**  
[25] EN  
[54] **TRANSMITTING/RECEIVING APPARATUS AND METHOD FOR PACKET RETRANSMISSION IN A MOBILE COMMUNICATION SYSTEM**  
[54] **APPAREIL ET METHODE D'EMISSION-RECEPTION POUR LA RETRANSMISSION DE PAQUETS DANS UN SYSTEME DE COMMUNICATION MOBILE**  
[72] MOON, YONG-SUK, KR  
[72] CHOI, GIN-KYU, KR  
[72] KIM, NOH-SUN, KR  
[72] KIM, HUN-KEE, KR  
[72] YOON, JAE-SEUNG, KR  
[71] SAMSUNG ELECTRONIC CO., LTD., KR  
[22] 2002-10-29  
[43] 2003-04-30  
[30] KR (2001-67694) 2001-10-31

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[21] **2,410,109**  
[13] A1

[51] **Int.Cl. 7B63H 21/30 7B63H 21/36 7B63H 21/38 7B63B 35/73**  
[25] EN  
[54] **PERSONAL WATERCRAFT**  
[54] **MOTOMARINE**  
[72] NAKAJIMA, JUN, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2002-10-29  
[43] 2003-04-30  
[30] JP (2001-333262) 2001-10-30

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[21] **2,410,117**  
[13] A1

[51] **Int.Cl. 7B60R 7/00**  
[25] EN  
[54] **CARGO MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE CARGAISON**  
[72] CASSANI, JULIUS J., US  
[71] INTIER AUTOMOTIVE INC., CA  
[22] 2002-10-29  
[43] 2003-04-30  
[30] US (60/340,939) 2001-10-30

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[21] **2,410,122**  
[13] A1

[51] **Int.Cl. 7C22C 29/08 7B22F 7/00 7E21B 10/08 7E21B 10/50**  
[25] EN  
[54] **HARDFACING COMPOSITION FOR ROCK BITS**  
[54] **COMPOSITION DE CEMENTATION POUR TREPANS DE PERFORATRICE**  
[72] LIANG, DAH-BEN, US  
[72] WHITE, ALYSSA C., US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 2002-10-29  
[43] 2003-04-29  
[30] US (10/039,912) 2001-10-29

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[21] **2,410,125**  
[13] A1

[51] **Int.Cl. 7B65D 88/54 7B65D 88/12**  
[25] EN  
[54] **TRANSPORT CONTAINER**  
[54] **CONTENEUR DE TRANSPORT**  
[72] HOBBEL, AREND, NL  
[72] HAZENBROEK, JACOBUS ELIZA, NL  
[71] SYSTEMATE GROUP B.V., NL  
[22] 2002-10-29  
[43] 2003-05-02  
[30] NL (1019282) 2001-11-02

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[21] **2,410,126**  
[13] A1

[51] **Int.Cl. 7A61B 17/56**  
[25] EN  
[54] **VERTEBRAL ENDPLATE CHISEL**  
[54] **CISEAU POUR PLATEAU VERTEBRAL**  
[72] ROGERS, CHRISTOPHER, US  
[72] MALONE, JOHN DANIEL, US  
[71] DEPUY ACROMED, INC., US  
[22] 2002-10-29  
[43] 2003-04-30  
[30] US (09/998,972) 2001-10-31

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[21] **2,410,127**  
[13] A1

[51] **Int.Cl. 7F16L 37/12**  
[25] EN  
[54] **PIPING JOINT STRUCTURE**  
[54] **CONSTRUCTION DE RACCORD DE TUYAUTERIE**  
[72] NAGATA, TADAAKI, JP  
[72] SHOGASE, HAJIME, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2002-10-29  
[43] 2003-04-30  
[30] JP (2001-335594) 2001-10-31

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[21] **2,410,128**  
[13] A1

[51] **Int.Cl. 7B63H 21/30 7B63B 35/73**  
[25] EN  
[54] **ELECTRICAL COMPONENT MOUNTING STRUCTURE FOR PERSONAL WATERCRAFT**  
[54] **SUPPORT DE MONTAGE D'ELEMENT ELECTRIQUE SUR MOTOMARINE**  
[72] FUNAYOSE, YUSUKE, JP  
[72] HASEGAWA, TORU, JP  
[72] YASHIRO, TOMOHIKO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2002-10-29  
[43] 2003-04-30  
[30] JP (2001-334029) 2001-10-31

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April 27, 2003 - May 3, 2003

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[21] **2,410,129**  
[13] A1  
[51] **Int.Cl. 7B41M 5/40 7B32B 27/00 7B41J 2/315**  
[25] EN  
[54] **LAMINATED FILM FOR THERMOSENSITIVE IMAGE TRANSFER MATERIAL**  
[54] **PELLICULE STRATIFIEE POUR SUPPORT DE TRANSFERT D'IMAGE THERMOSENSIBLE**  
[72] TAKADA, YASUSHI, JP  
[72] KUBOTA, YURI, JP  
[72] MIMURA, TAKASHI, JP  
[71] TORAY INDUSTRIES, INC., JP  
[22] 2002-10-29  
[43] 2003-04-30  
[30] JP (332882/2001) 2001-10-30

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[21] **2,410,131**  
[13] A1  
[51] **Int.Cl. 7F01M 1/04 7F01M 1/08**  
[25] EN  
[54] **LUBRICATING OIL SUPPLY STRUCTURE FOR INTERNAL COMBUSTION ENGINE**  
[54] **SYSTEME DE LUBRIFICATION DE MOTEUR A COMBUSTION INTERNE**  
[72] TAWARA, HIDEYUKI, JP  
[72] NISHI, TOHRU, JP  
[72] HORI, YOSHIKI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2002-10-29  
[43] 2003-05-01  
[30] JP (2001-336712) 2001-11-01

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[21] **2,410,132**  
[13] A1  
[51] **Int.Cl. 7E21B 43/12**  
[25] EN  
[54] **SUB SURFACE HORIZONTAL GAS RESTRICTOR**  
[54] **RESTRICTEUR D'ECOULEMENT GAZEUX POUR TRONCON HORIZONTAL DE PUIITS DE FORAGE**  
[72] WILSON, BROWN L., US  
[72] MACK, JOHN J., US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2002-10-29  
[43] 2003-04-30  
[30] US (60/335,955) 2001-10-30

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[21] **2,410,133**  
[13] A1  
[51] **Int.Cl. 7B63H 21/38 7B63B 35/73**  
[25] EN  
[54] **FUEL TANK FOR PERSONAL WATERCRAFT**  
[54] **RESERVOIR A CARBURANT POUR MOTOMARINE**  
[72] NAKAO, TOSHIKI, JP  
[72] NAGATA, TADAOKI, JP  
[72] NODA, YOSHIKI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2002-10-29  
[43] 2003-04-30  
[30] JP (2001-333292) 2001-10-30

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[21] **2,410,134**  
[13] A1  
[51] **Int.Cl. 7G01N 33/569 7G01N 33/53 7G01N 33/543**  
[25] EN  
[54] **SEROLOGICAL ASSAY FOR NEOSPORA CANINUM**  
[54] **TEST SEROLOGIQUE DE DETECTION DE NEOSPORA CANINUM**  
[72] RITTER, DIANNE MARIE, US  
[72] BRAKE, DAVID ALAN, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2002-10-29  
[43] 2003-04-30  
[30] US (60/334,811) 2001-10-31

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[21] **2,410,137**  
[13] A1  
[51] **Int.Cl. 7H04L 29/02 7H04J 14/02 7H04L 12/12 7H04B 10/20 7H04L 12/24 7H04L 12/56**  
[25] EN  
[54] **OPTICAL DYNAMIC BURST SWITCH**  
[54] **COMMUTATEUR OPTIQUE DE DONNEES EN RAFALES DYNAMIQUE**  
[72] SHIOMOTO, KOHEI, JP  
[72] OKI, EIJI, JP  
[72] YAMAMAKA, NAOAKI, JP  
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP  
[22] 2002-10-29  
[43] 2003-05-02  
[30] JP (2001-337593) 2001-11-02  
[30] JP (2001-337914) 2001-11-02

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[21] **2,410,139**  
[13] A1  
[51] **Int.Cl. 7B01J 32/00 7B01J 20/20 7B01J 23/42**  
[25] EN  
[54] **CARBON BLACK, ELECTROCATALYST CARRIER FORMED FROM CARBON BLACK, AND ELECTROCATALYST AND ELECTROCHEMICAL DEVICE USING CARRIER**  
[54] **NOIR DE CARBONE, SUPPORT D'ELECTROCATALYSEUR EN NOIR DE CARBONE, ET ELECTROCATALYSEUR ET DISPOSITIF ELECTROCHIMIQUE FAISANT APPEL A CE SUPPORT**  
[72] SUZUKI, MITSUO, JP  
[72] YOSHIMURA, SHUSHICHI, JP  
[72] UEDA, MASAMICHI, JP  
[72] IGARASHI, HIROSHI, JP  
[72] KANAMARU, SHINICHI, JP  
[71] N.E. CHEMCAT CORPORATION, JP  
[71] MITSUBISHI CHEMICAL CORPORATION, JP  
[22] 2002-10-29  
[43] 2003-04-30  
[30] JP (2001-332798) 2001-10-30

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[21] **2,410,140**  
[13] A1  
[51] **Int.Cl. 7B03C 3/155 7B01D 39/20 7B01D 35/30 7B03C 3/66**  
[25] EN  
[54] **ELECTRONIC AIR FILTER ASSEMBLY**  
[54] **FILTRE D'AIR ELECTRONIQUE**  
[72] LOBIONDO, JOSEPH A., SR., US  
[71] LOBIONDO, JOSEPH A., SR., US  
[22] 2002-10-29  
[43] 2003-04-30  
[30] US (60/330,740) 2001-10-30

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**Demandes canadiennes mises à la disponibilité du public**  
**27 avril 2003 - 3 mai 2003**

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[21] **2,410,143**  
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04J 14/02 7H04L 12/12 7H04B 10/20 7H04L 12/24 7H04L 12/56**  
[25] EN  
[54] **OPTICAL DYNAMIC BURST SWITCH**  
[54] **COMMUTATEUR OPTIQUE DE DONNEES EN RAFALES DYNAMIQUE**  
[72] YAMANAKA, NAOAKI, JP  
[72] OKI, EIJI, JP  
[72] SHIOMOTO, KOHEI, JP  
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP  
[22] 2002-10-29  
[43] 2003-05-02  
[30] JP (2001-337587) 2001-11-02  
[30] JP (2001-337590) 2001-11-02  
[30] JP (2001-337601) 2001-11-02  
[30] JP (2001-337891) 2001-11-02  
[30] JP (2001-338050) 2001-11-02  
[30] JP (2002-060102) 2002-03-06  
[30] JP (2002-060119) 2002-03-06  
[30] JP (2002-060127) 2002-03-06

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[21] **2,410,149**  
[13] A1

[51] **Int.Cl. 7B01D 61/48 7B01J 47/12 7C02F 1/42**  
[25] EN  
[54] **ELECTRODEIONIZATION APPARATUS**  
[54] **APPAREIL DE D'ELECTRODEIONISATION**  
[72] MIWA, MASAYUKI, JP  
[72] SATO, SHIN, JP  
[71] KURITA WATER INDUSTRIES, LTD., JP  
[22] 2002-10-30  
[43] 2003-04-30  
[30] JP (2001-334950) 2001-10-31  
[30] JP (2001-344782) 2001-11-09

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[21] **2,410,150**  
[13] A1

[51] **Int.Cl. 7G07C 15/00 7A63F 3/06**  
[25] EN  
[54] **LOTTERY TICKET BAR CODE**  
[54] **CODE A BARRES POUR BILLET DE LOTERIE**  
[72] FINNERTY, FRED, US  
[72] BEHM, WILLIAM F., US  
[71] SCIENTIFIC GAMES INC., US  
[22] 2002-10-30  
[43] 2003-05-02  
[30] US (60/350,216) 2001-11-02  
[30] US (10/278,892) 2002-10-24

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[21] **2,410,151**  
[13] A1

[51] **Int.Cl. 7H04M 11/06 7H04M 7/16 7H04M 1/738**  
[25] EN  
[54] **XDSL SPLITTER MODULE FOR FIELD WIRING CABINET**  
[54] **MODULE REPARTITEUR DE LIGNE D'ABONNE NUMERIQUE INSTALLABLE DANS UNE ARMOIRE DE CABLAGE**  
[72] MCLEAN, BRYCE, CA  
[72] LABBE, MARK S., CA  
[71] CRITICAL TELECOM CORP., CA  
[22] 2002-10-30  
[43] 2003-04-30  
[30] US (60/330,775) 2001-10-31

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[21] **2,410,172**  
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04L 12/66**  
[25] EN  
[54] **CONTENT ROUTING ARCHITECTURE FOR ENHANCED INTERNET SERVICES**  
[54] **ARCHITECTURE D'ACHEMINEMENT DE CONTENU POUR SERVICES INTERNET EVOLUES**  
[72] RUEDA, JOSE ALEJANDRO, CA  
[72] JAYARAMAN, SURESH, CA  
[72] EHIKIOYA, SYLVANUS AGBONIFOH, CA  
[71] TELECOMMUNICATIONS RESEARCH LABORATORY, CA  
[22] 2002-10-28  
[43] 2003-04-29  
[30] US (60/330,720) 2001-10-29

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[21] **2,410,173**  
[13] A1

[51] **Int.Cl. 7B62D 33/06**  
[25] EN  
[54] **MONOCOQUE CAB ASSEMBLY**  
[54] **CABINE MONOCOQUE**  
[72] EL-ZEIN, MOHAMAD S., US  
[71] DEERE & COMPANY, US  
[22] 2002-10-04  
[43] 2003-04-30  
[30] US (10/021,193) 2001-10-30

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[21] **2,410,174**  
[13] A1

[51] **Int.Cl. 7G06F 3/023**  
[25] EN  
[54] **ELEMENT FOR IDENTIFYING THE FUNCTIONS ASSOCIATED WITH COMPUTER KEYBOARD KEYS**  
[54] **ELEMENT D'IDENTIFICATION DES FONCTIONS ASSOCIEES AUX TOUCHES DU CLAVIER D'UN ORDINATEUR**  
[72] GIORDANI, DANIELE, IT  
[71] QUIX S.R.L., IT  
[22] 2002-10-28  
[43] 2003-04-30  
[30] IT (BS/2001/U/000087) 2001-10-31

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[21] **2,410,175**  
[13] A1

[51] **Int.Cl. 7H04R 5/04 7B60Q 5/00**  
[25] EN  
[54] **AUDIO ROUTING FOR AN AUTOMOBILE**  
[54] **SYSTEME D'ACHEMINEMENT AUDIO POUR AUTOMOBILES**  
[72] BRAY, THOMAS J., US  
[72] MELNYK, BORYS JOSEPH, US  
[72] MATSON, JEFF, US  
[72] BERNEIS, PAUL ALLEN, US  
[71] VISTEON GLOBAL TECHNOLOGIES, INC., US  
[22] 2002-10-28  
[43] 2003-04-29  
[30] US (60/341,095) 2001-10-29

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[21] **2,410,176**  
[13] A1

[51] **Int.Cl. 7B60R 11/04 7H04N 7/18**  
[25] EN  
[54] **VIDEO RECORDER FOR AN AUTOMOBILE**  
[54] **MAGNETOSCOPE POUR AUTOMOBILES**  
[72] MELNYK, BORYS JOSEPH, US  
[72] BERNEIS, PAUL ALLEN, US  
[72] BRAY, THOMAS J., US  
[72] MATSON, JEFF, US  
[72] QUIGLEY, JOHN H., US  
[71] VISTEON GLOBAL TECHNOLOGIES, INC., US  
[22] 2002-10-28  
[43] 2003-04-29  
[30] US (60/340,790) 2001-10-29

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Canadian Laid-Open Applications  
April 27, 2003 - May 3, 2003

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[21] **2,410,178**  
[13] A1  
[51] **Int.Cl. 7B60R 16/02 7G05B 19/042**  
[25] EN  
[54] **COMMUNICATION NETWORK FOR AN AUTOMOBILE**  
[54] **RESEAU DE COMMUNICATION POUR AUTOMOBILES**  
[72] BRAY, THOMAS J., US  
[72] BERNEIS, PAUL ALLEN, US  
[72] MATSON, JEFF, US  
[72] MELNYK, BORYS JOSEPH, US  
[71] VISTEON GLOBAL TECHNOLOGIES, INC., US  
[22] 2002-10-28  
[43] 2003-04-29  
[30] US (60/341,101) 2001-10-29

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[21] **2,410,183**  
[13] A1  
[51] **Int.Cl. 7G01N 21/41 7G01V 8/14 7A01G 25/16 7G01N 33/24**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MONITORING SOIL MOISTURE CONDITIONS AND FOR MAINTAINING SOIL MOISTURE CONDITIONS**  
[54] **APPAREIL ET METHODE DE SURVEILLANCE DE L'HUMIDITE DU SOL ET DE MAINTIEN DU DEGRE D'HUMIDITE VOULU DANS LE SOL**  
[72] CAMPAU, DANIEL N., US  
[71] FLOW-RITE CONTROLS, LTD., US  
[22] 2002-10-28  
[43] 2003-04-30  
[30] US (10/003,964) 2001-10-31

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[21] **2,410,185**  
[13] A1  
[51] **Int.Cl. 7B60R 16/02**  
[25] EN  
[54] **POWER MANAGEMENT SYSTEM AND METHOD FOR AN AUTOMOBILE**  
[54] **SYSTEME DE GESTION DE L'ALIMENTATION ELECTRIQUE ET METHODE CORRESPONDANTE POUR AUTOMOBILES**  
[72] MATSON, JEFF, US  
[72] BERNEIS, PAUL ALLEN, US  
[72] MELNYK, BORYS JOSEPH, US  
[72] BRAY, THOMAS J., US  
[71] VISTEON GLOBAL TECHNOLOGIES, INC., US  
[22] 2002-10-28  
[43] 2003-04-29  
[30] US (60/388,851) 2001-10-29

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[21] **2,410,186**  
[13] A1  
[51] **Int.Cl. 7A01D 45/00 7A01D 46/00**  
[25] EN  
[54] **GATHERING AND PICKING DEVICE**  
[54] **MACHINE A CUEILLIR A ACCUMULATION**  
[72] WUEBBELS, RICHARD, DE  
[72] WOLTERS, NORBERT, DE  
[71] MASCHINENFABRIK KEMPER GMBH & COMPANY KG, DE  
[22] 2002-10-28  
[43] 2003-04-27  
[30] DE (101 53 198.2) 2001-10-27

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[21] **2,410,205**  
[13] A1  
[51] **Int.Cl. 7B32B 27/10 7B32B 31/30 7E04B 1/80**  
[25] EN  
[54] **INSULATION FACING MATERIAL**  
[54] **PAREMENT D'ISOLANT**  
[72] NOWAK, MICHAEL R., US  
[72] ARNDT, WILLIAM R., US  
[72] MUELLER, LOUANN S., US  
[71] COATING EXCELLENCE INTERNATIONAL, US  
[22] 2002-10-29  
[43] 2003-04-30  
[30] US (10/021,184) 2001-10-30

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[21] **2,410,207**  
[13] A1  
[51] **Int.Cl. 7B63H 21/30 7B63H 21/38 7B63B 35/73**  
[25] EN  
[54] **PERSONAL WATERCRAFT**  
[54] **MOTOMARINE**  
[72] NAKAJIMA, JUN, JP  
[72] NODA, YOSHIKI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2002-10-30  
[43] 2003-04-30  
[30] JP (2001-335611) 2001-10-31

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[21] **2,410,222**  
[13] A1  
[51] **Int.Cl. 7B27N 3/20 7B30B 7/00 7B30B 15/04**  
[25] EN  
[54] **FRAME FOR PANEL PRESS**  
[54] **CADRE POUR PRESSE A PANNEAUX**  
[72] GAWLITTA, WERNER, DE  
[72] SCHURMANN, KLAUS, DE  
[72] WOLLNY, KLAUS, DE  
[72] SEBASTIAN, LOTHAR, DE  
[72] WEISS, HORST, DE  
[72] SCHMITZ, CHRISTOPH, DE  
[71] SIEMPELKAMP MASCHINEN- UND ANLAGENBAU GMBH & CO. KG, DE  
[22] 2002-10-28  
[43] 2003-05-03  
[30] DE (101 54 114.7) 2001-11-03  
[30] DE (102 41 119.0) 2002-09-03

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[21] **2,410,225**  
[13] A1  
[51] **Int.Cl. 7E21B 19/22**  
[25] EN  
[54] **MAST FOR HANDLING A COILED TUBING INJECTOR**  
[54] **MAT DE MANUTENTION D'INJECTEUR DE TUBE D'INTERVENTION ENROULE**  
[72] MCCULLOCH, DAVID W., US  
[72] LU, XIAOLEI MIKE, US  
[71] VARCO I/P, INC., US  
[22] 2002-10-28  
[43] 2003-04-30  
[30] US (60/334,868) 2001-10-30

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[21] **2,410,230**  
[13] A1  
[51] **Int.Cl. 7F16J 15/12**  
[25] EN  
[54] **SILICONE RUBBER GASKET WITH PERFORATED METAL CORE AND METHOD**  
[54] **JOINT D'ETANCHEITE EN CAOUTCHOUC DE SILICONE A AME METALLIQUE PERFOREE ET METHODE DE FABRICATION**  
[72] RAKAUSKAS, PAUL V., US  
[71] DANA CORPORATION, US  
[22] 2002-10-30  
[43] 2003-04-30  
[30] US (10/004,358) 2001-10-31

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**27 avril 2003 - 3 mai 2003**

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[21] **2,410,231**  
[13] A1

[51] **Int.Cl. 7G06K 9/20 7G06K 9/28**  
[25] EN  
[54] **FINGERPRINT INPUT APPARATUS**  
[54] **APPAREIL D'ENREGISTREMENT D'EMPREINTES DIGITALES**  
[72] SUGAWARA, TAKEO, JP  
[72] HIGUCHI, TERUYUKI, JP  
[71] NEC CORPORATION, JP  
[71] HAMAMATSU PHOTONICS K.K., JP  
[22] 2002-10-29  
[43] 2003-04-30  
[30] JP (331859/2001) 2001-10-30

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[21] **2,410,236**  
[13] A1

[51] **Int.Cl. 7B60V 3/04**  
[25] EN  
[54] **ALL-WEATHER GUIDED VEHICLE SYSTEM**  
[54] **SYSTEME DE TRANSPORT GUIDE TOUS TEMPS**  
[72] CUMMINS, RICHARD D., US  
[71] CUMMINS, RICHARD D., US  
[22] 2002-10-30  
[43] 2003-04-30  
[30] US (10/031,037) 2001-10-30

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[21] **2,410,239**  
[13] A1

[51] **Int.Cl. 7B60K 17/02**  
[25] EN  
[54] **OIL PRESSURE CONTROL MECHANISM FOR AUTOMATIC TRANSMISSION**  
[54] **MECANISME DE REGULATION DE LA PRESSION D'HUILE POUR TRANSMISSION AUTOMATIQUE**  
[72] HORI, YOSHIKI, JP  
[72] HAMAOKA, SEIJI, JP  
[72] YOSHIDA, YOSHIHIRO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2002-10-29  
[43] 2003-05-01  
[30] JP (2001-336510) 2001-11-01

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[21] **2,410,246**  
[13] A1

[51] **Int.Cl. 7B29C 45/48 7B29C 45/60**  
[25] EN  
[54] **EXTRUDER SCREW**  
[54] **VIS D'EXTRUDEUSE**  
[72] WURTELE, MARTIN, DE  
[71] KRAUSS-MAFFEI KUNSTSTOFFTECHNIK GMBH, DE  
[22] 2002-10-30  
[43] 2003-04-30  
[30] DE (101 53711.5) 2001-10-31  
[30] DE (102 01158.3) 2002-01-15

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[21] **2,410,248**  
[13] A1

[51] **Int.Cl. 7A61F 11/00 7A61N 1/36**  
[25] EN  
[54] **VESTIBULAR STIMULATION SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE STIMULATION VESTIBULAIRE**  
[72] LATTNER, STEFANIE, US  
[72] MECHLENBURG, DOUGLAS M., US  
[71] RESPIRONICS, INC., US  
[22] 2002-10-28  
[43] 2003-05-02  
[30] US (10/003,809) 2001-11-02

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[21] **2,410,250**  
[13] A1

[51] **Int.Cl. 7H04L 12/12**  
[25] EN  
[54] **PARAMETER SETTING SYSTEM**  
[54] **SYSTEME DE SELECTION DE PARAMETRES**  
[72] HODOSHIMA, TAKESHI, JP  
[71] NEC INFRONTIA CORPORATION, JP  
[22] 2002-10-28  
[43] 2003-04-29  
[30] JP (330695/2001) 2001-10-29  
[30] JP (259656/2002) 2002-09-05

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[51] **Int.Cl. 7H04N 5/60 7G09B 21/00**  
[25] EN  
[54] **TUNEABLE SECONDARY AUDIO PROGRAM RECEIVER**  
[54] **RECEPTEUR DE PROGRAMMES AUDIO SECONDAIRES ACCORDABLE**  
[72] TRIMBEE, ROBERT S., CA  
[72] STUBBS, JOHN C., CA  
[71] TRIMBEE, ROBERT S., CA  
[71] STUBBS, JOHN C., CA  
[22] 2002-10-30  
[43] 2003-05-01  
[30] US (60/330,876) 2001-11-01

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[21] **2,410,262**  
[13] A1

[51] **Int.Cl. 7E04F 11/18**  
[25] EN  
[54] **A DEVICE THAT PROVIDES ASSISTANCE IN USING A HANDRAIL AND A HANDRAIL INCLUDING SUCH A DEVICE**  
[54] **DISPOSITIF D'AIDE A L'UTILISATION D'UNE MAIN COURANTE ET MAIN COURANT EQUIPEE DE CE DISPOSITIF**  
[72] BONIN, FREDERIC, FR  
[71] VAILLANT, NICOLAS, FR  
[22] 2002-10-30  
[43] 2003-04-30  
[30] EP (01490047.6) 2001-10-31

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[21] **2,410,268**  
[13] A1

[51] **Int.Cl. 7H04N 5/60 7G09B 21/00**  
[25] EN  
[54] **TUNEABLE SECONDARY AUDIO PROGRAM RECEIVER**  
[54] **RECEPTEUR DE PROGRAMMES AUDIO SECONDAIRES ACCORDABLE**  
[72] TRIMBEE, ROBERT S., CA  
[72] STUBBS, JOHN C., CA  
[71] TRIMBEE, ROBERT S., CA  
[71] STUBBS, JOHN C., CA  
[22] 2002-10-30  
[43] 2003-05-01  
[30] US (60/330,876) 2001-11-01

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[21] **2,410,270**  
[13] A1

[51] **Int.Cl. 7B29C 45/70 7B29C 45/72**  
[25] EN  
[54] **PLASTICS INJECTION MOLDING MACHINE**  
[54] **PRESSE D'INJECTION POUR PRODUITS EN PLASTIQUE**  
[72] BAUER, MARKUS, DE  
[72] WURTELE, MARTIN, DE  
[72] BUERKLE, ERWIN, DE  
[72] HOERL, HELMUT, DE  
[71] KRAUSS-MAFFEI KUNSTSTOFFTECHNIK GMBH, DE  
[22] 2002-10-30  
[43] 2003-04-30  
[30] DE (101 53 704.2) 2001-10-31

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[21] **2,410,290**  
[13] A1  
[51] **Int.Cl. 7F16L 55/00 7F17D 1/00 7B65D 90/10**  
[25] EN  
[54] **THREADED CLOSURE WITH CHAIN BINDER**  
[54] **FERMETURE A VISSER A CHAINE DE MANOEUVRE**  
[72] SMITH, BLAKE E., US  
[72] WHITE, BILLY W., US  
[71] ROBBINS & MYERS ENERGY SYSTEMS, L.P., US  
[22] 2002-10-30  
[43] 2003-04-30  
[30] US (10/021,175) 2001-10-30

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[21] **2,410,300**  
[13] A1  
[51] **Int.Cl. 7F16L 55/00 7F17D 1/00 7B65D 90/10**  
[25] EN  
[54] **THREADED CLOSURE**  
[54] **FERMETURE A VISSER**  
[72] SMITH, BLAKE E., US  
[72] SMITH, MICHAEL, CA  
[72] WHITE, BILLY W., US  
[71] ROBBINS & MYERS ENERGY SYSTEMS, L.P., US  
[22] 2002-10-30  
[43] 2003-04-30  
[30] US (10/017,966) 2001-10-30

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[21] **2,410,325**  
[13] A1  
[51] **Int.Cl. 7B61D 17/00**  
[25] EN  
[54] **CHAFING REDUCTION DEVICE FOR A CENTER BEAM RAILWAY CAR**  
[54] **DISPOSITIF ANTI-USURE PAR FROTTEMENT POUR WAGON FERROVIAIRE A SUPPORT CENTRAL EN A**  
[72] VAN AUKEN, CHARLES L., US  
[72] CLARK, JAMES STEPHEN, US  
[71] TRN BUSINESS TRUST, US  
[22] 2002-10-31  
[43] 2003-04-30  
[30] US (10/001,930) 2001-10-31

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[21] **2,410,327**  
[13] A1  
[51] **Int.Cl. 7A44C 5/14**  
[25] EN  
[54] **QUICK-CHANGE WATCHBANDS**  
[54] **BRACELETS DE MONTRE A REMPLACEMENT RAPIDE**  
[72] BAUER, TONYA DAREE, US  
[71] BAUER, TONYA DAREE, US  
[22] 2002-10-31  
[43] 2003-05-02  
[30] US (10/008,986) 2001-11-02

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[21] **2,410,328**  
[13] A1  
[51] **Int.Cl. 7G03F 7/22 7H01L 21/027 7G03B 27/50**  
[25] EN  
[54] **A DEVICE FOR EXPOSING A FACE OF A PANEL**  
[54] **DISPOSITIF D'EXPOSITION DE FACE DE PANNEAU A CIRCUITS IMPRIMES**  
[72] VIBET, GILLES, FR  
[72] CUEVAS, MANUEL, FR  
[71] AUTOMA-TECH, FR  
[22] 2002-10-30  
[43] 2003-04-30  
[30] FR (01 14114) 2001-10-31

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[21] **2,410,330**  
[13] A1  
[51] **Int.Cl. 7G01J 3/18**  
[25] EN  
[54] **MONOCHROMATOR AND OPTICAL SPECTRUM ANALYZER USING THE SAME**  
[54] **MONOCHROMATEUR ET ANALYSEUR DE SPECTRE OPTIQUE UTILISANT CE MONOCHROMATEUR**  
[72] YAMAMOTO, TOSHIKAZU, JP  
[72] KANEKO, TSUTOMU, JP  
[72] MORI, TOHRU, JP  
[71] ANDO ELECTRIC CO., LTD., JP  
[22] 2002-10-30  
[43] 2003-04-30  
[30] JP (2001-335385) 2001-10-31

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[21] **2,410,333**  
[13] A1  
[51] **Int.Cl. 7B25J 13/00**  
[25] EN  
[54] **A ROBOTIC DEVICE FOR LOADING LABORATORY INSTRUMENTS**  
[54] **ROBOT CHARGEUR D'INSTRUMENTS DE LABORATOIRE**  
[72] HATHERLEY, THOMAS IAN, CA  
[72] RIFF, MICHAEL PAUL, CA  
[71] THERMO CRS LTD., CA  
[22] 2002-10-31  
[43] 2003-04-30  
[30] US (60/330,832) 2001-10-31

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[21] **2,410,364**  
[13] A1  
[51] **Int.Cl. 7C07D 475/00 7C07D 473/00 7C07D 401/04 7C07D 403/04 7C07D 413/04 7C07D 417/04 7A61K 31/501 7A61K 31/506 7A61K 31/517 7A61K 31/52 7A61K 31/5377**  
[25] EN  
[54] **5-HETEROCYCLO-PYRAZOLES**  
[54] **5-HETEROCYCLYL PYRAZOLES**  
[72] SAKYA, SUBAS MAN, US  
[72] MINICH, MARTHA LOU, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2002-10-31  
[43] 2003-05-02  
[30] US (60/336,306) 2001-11-02

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[21] **2,410,402**  
[13] A1  
[51] **Int.Cl. 7F24F 12/00**  
[25] EN  
[54] **VENTILATION DEVICE**  
[54] **DISPOSITIF DE VENTILATION**  
[72] HOLLIGER, CHRISTOPH, CH  
[72] PALFFY, SANDOR, CH  
[71] FENSTERFABRIK ALBISRIEDEN AG, CH  
[22] 2002-10-31  
[43] 2003-05-01  
[30] EP (01 811 065.0) 2001-11-01

**Demandes canadiennes mises à la disponibilité du public**  
**27 avril 2003 - 3 mai 2003**

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[21] **2,410,466**  
[13] A1

[51] **Int.Cl. 7C07D 413/14 7C07D 403/04 7C07D 401/14 7C07D 403/14 7A61K 31/497 7A61K 31/501 7A61K 31/506 7A61K 31/53**

[25] EN  
[54] **HYDRAZINYL AND NITROGEN OXIDE PYRAZOLES**  
[54] **HYDRAZINYL ET OXYDE D'AZOTE PYRAZOLES**

[72] RAST, BRYSON, US  
[72] SAKYA, SUBAS MAN, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2002-10-31  
[43] 2003-05-02  
[30] US (60/335,738) 2001-11-02

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[21] **2,410,693**  
[13] A1

[51] **Int.Cl. 7G05B 13/00 7G01N 35/00 7G05B 13/04**

[25] EN  
[54] **A BACKTRACKING RESOURCES PLANNING ALGORITHM**  
[54] **ALGORITHME DE PLANIFICATION DE RESSOURCES A RETOUR ARRIERE**

[72] RENTON, PAMELA ANN MARIE, CA  
[72] PECK, MICHAEL MACALISTER, CA  
[72] LEDUC, BLAIR DANIEL, CA  
[71] THERMO CRS LTD., CA  
[22] 2002-10-31  
[43] 2003-04-30  
[30] US (60/330,826) 2001-10-31

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[21] **2,410,720**  
[13] A1

[51] **Int.Cl. 7E06B 5/10 7E21F 17/00 7E06B 3/70**

[25] EN  
[54] **MINE DOOR LEAF AND METHOD OF MANUFACTURE THEREOF**  
[54] **BATTANT DE PORTE DE MINE ET METHODE DE FABRICATION**

[72] KENNEDY, WILLIAM R., US  
[72] KENNEDY, JOHN M., US  
[71] JACK KENNEDY METAL PRODUCTS AND BUILDINGS, INC., US  
[22] 2002-10-31  
[43] 2003-05-01  
[30] US (10/003,353) 2001-11-01

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[21] **2,410,743**  
[13] A1

[51] **Int.Cl. 7A61B 5/042 7A61B 5/0432 7A61B 5/0478 7A61B 5/0492 7A61N 1/05 7A61M 5/172 7A61N 1/36**

[25] EN  
[54] **MULTICHANNEL ELETRODE AND METHODS OF USING SAME**  
[54] **ELECTRODE A CANAUX MULTIPLES**

[72] JOG, MANDAR, CA  
[72] NIKUMB, SUWAS, CA  
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[71] LONDON HEALTH SCIENCES CENTRE, CA  
[22] 2002-10-31  
[43] 2003-04-30  
[30] US (10/001,050) 2001-10-31

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[21] **2,410,801**  
[13] A1

[51] **Int.Cl. 7H04N 5/445 7H04N 7/08**

[25] EN  
[54] **DEVICE AND METHOD FOR PROVIDING PSI OF DIGITAL BROADCASTING PROGRAM TO WATCHER**  
[54] **DISPOSITIF ET METHODE FOURNISSANT AUX TELESPECTATEURS DES PSI SUR LES PROGRAMMES DE RADIODIFFUSION NUMERIQUE**

[72] KIM, JIN PIL, KR  
[71] LG ELECTRONICS INC., KR  
[22] 2002-11-01  
[43] 2003-05-03  
[30] KR (P 2001-68357) 2001-11-03

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[21] **2,410,803**  
[13] A1

[51] **Int.Cl. 7H04L 1/08 7H04B 7/216 7H04Q 7/36**

[25] EN  
[54] **TRANSCEIVER APPARATUS AND METHOD FOR EFFICIENT RETRANSMISSION OF HIGH-SPEED PACKET DATA**  
[54] **EMETTEUR-RECEPTEUR ET METHODE EFFICACE DE RETRANSMISSION A GRAND DEBIT DE PAQUETS DE DONNEES**

[72] YOON, JAE-SEUNG, KR  
[72] KIM, HUN-KEE, KR  
[72] MOON, YONG-SUK, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 2002-11-01  
[43] 2003-05-02  
[30] KR (68316/2001) 2001-11-02

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[21] **2,410,913**  
[13] A1

[51] **Int.Cl. 7C09K 3/18 7C03C 17/30 7C11D 3/37**

[25] FR  
[54] **COMPOSITION HYDROFUGE, LAVE-GLACE A EFFET ANTI-PLUIE LA CONTENANT NOTAMMENT POUR PARE-BRISE DE VEHICULE**  
[54] **WATER REPELLANT COMPOSITION, RAIN REPELLANT WINDSHIELD WASHING SOLUTION INCORPORATING SAME, PARTICULARLY DESIGNED FOR VEHICLE WINDSHIELDS**

[72] LEVASSEUR, LAURENT, FR  
[72] LE, PATRICK, FR  
[72] ABIDH, GERARD, FR  
[71] DEHON S.A., FR  
[22] 2002-10-31  
[43] 2003-04-30  
[30] FR (01 14137) 2001-10-31

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[21] **2,410,977**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04Q 7/20**

[25] EN  
[54] **SHORT RANGE WIRELESS SYSTEM**  
[54] **SYSTEME DE COMMUNICATION SANS FIL A COURTE PORTEE**

[72] ATHWAL, TARANJEET S., CA  
[71] MICROSAGE WIRELESS INC., CA  
[22] 2002-11-04  
[43] 2003-05-02  
[30] CA (2,361,258) 2001-11-02

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[21] **2,411,009**  
[13] A1

[51] **Int.Cl. 7C07D 403/14 7C07D 403/04**

[25] EN  
[54] **HETEROCYCLO-ALKYLSULFONYL PYRAZOLES**  
[54] **HETEROCYCLYLALKYLSULFONYLP YRAZOLES**

[72] MINICH, MARTHA LOU, US  
[72] SAKYA, SUBAS MAN, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2002-10-31  
[43] 2003-05-02  
[30] US (60/335,713) 2001-11-02

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[21] **2,411,011**  
[13] A1  
[51] **Int.Cl. 7C07D 403/04 7C07D 401/04 7A61K 31/4439 7A61K 31/496 7A61K 31/53**  
[25] EN  
[54] **5-HETEROATOM-SUBSTITUTED PYRAZOLES**  
[54] **DERIVES DE SUBSTITUTION EN 5 PAR UN HETEROATOME DE PYRAZOLES**  
[72] MINICH, MARTHA LOU, US  
[72] DEMELLO, KRISTIN MARIE LUNDY, US  
[72] SAKYA, SUBAS MAN, US  
[72] SHAVNYA, ANDREI, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2002-10-31  
[43] 2003-05-02  
[30] US (60/335,733) 2001-11-02

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[21] **2,411,015**  
[13] A1  
[51] **Int.Cl. 7C07D 403/04 7C07D 401/04 7A61K 31/4439 7A61K 31/497 7A61K 31/53**  
[25] EN  
[54] **5-(ALKYLIDENE-CYCLOALKYL)-AND 5-(ALKYLIDENE-HETEROCYCLYL)-PYRAZOLES**  
[54] **5-(ALKYLIDENECYCLOALKYL) ET 5-(ALKYLIDENEHETEROCYCLYL)PYRAZOLES**  
[72] SAKYA, SUBAS MAN, US  
[72] SHAVNYA, ANDREI, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2002-10-31  
[43] 2003-05-02  
[30] US (60/335,736) 2001-11-02

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[21] **2,411,019**  
[13] A1  
[51] **Int.Cl. 7G01N 33/549 7G01N 33/53 7G01N 33/531 7G01N 33/543**  
[25] EN  
[54] **PARTICLES FOR IMMUNOASSAYS AND METHODS FOR TREATING THE SAME**  
[54] **PARTICULES POUR LES DOSAGES IMMUNOLOGIQUES ET METHODES DE TRAITEMENT DE CES PARTICULES**  
[72] LAWRENCE, CHRISTOPHER C., US  
[72] YUAN, WEI, US  
[72] SHANAFELT, ARMEN B., US  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 2002-10-31  
[43] 2003-05-02  
[30] US (10/053,058) 2001-11-02  
[30] US (10/025,196) 2001-12-18

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[21] **2,411,021**  
[13] A1  
[51] **Int.Cl. 7G01N 35/00 7G01N 35/10 7G01N 30/16 7G01N 30/72**  
[25] EN  
[54] **SAMPLE INTRODUCTION SYSTEM**  
[54] **SYSTEME D'INJECTION D'ECHANTILLON**  
[72] READ, HOWARD, GB  
[72] ENTWISTLE, ANDREW, GB  
[72] ABOU-SHAKRA, FADI, GB  
[72] EATON, ANDREW, GB  
[71] MICROMASS LIMITED, GB  
[22] 2002-11-01  
[43] 2003-05-01  
[30] GB (0126260.9) 2001-11-01  
[30] GB (0129967.6) 2001-12-14

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[21] **2,411,087**  
[13] A1  
[51] **Int.Cl. 7C25B 9/06 7C25B 9/00 7C25B 11/14**  
[25] EN  
[54] **NOBLE METALS COATED ON TITANIUM CURRENT COLLECTORS FOR USE IN NONAQUEOUS LI/CFX CELLS**  
[54] **METAUX NOBLES DEPOSES SUR DES ELECTRODES COLLECTRICES A BASE DE TITANE, UTILISEES DANS DES PILES LI/CFX NON AQUEUSES**  
[72] PLATT, BRUCE, US  
[72] SMESKO, SALLY ANN, US  
[72] ZIARNIAK, ERIC, US  
[72] ROY, MARK, US  
[72] TAKEUCHI, ESTHER S., US  
[71] WILSON GREATBATCH TECHNOLOGIES, INC., US  
[22] 2002-11-04  
[43] 2003-05-02  
[30] US (60/335,353) 2001-11-02  
[30] US (10/286,726) 2002-11-01

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[21] **2,411,217**  
[13] A1  
[51] **Int.Cl. 7B65D 81/07**  
[25] EN  
[54] **PACKAGE RESTRAINT SYSTEM**  
[54] **DISPOSITIF DE RETENUE DE MARCHANDISES EMBALLEES**  
[72] RANDHAWA, KULDIP, CA  
[71] RANDHAWA, KULDIP, CA  
[22] 2002-11-04  
[43] 2003-05-02  
[30] US (60/330,920) 2001-11-02

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[21] **2,411,232**  
[13] A1  
[51] **Int.Cl. 7A61L 2/28**  
[25] EN  
[54] **VARIABLE RESISTANCE STERILIZATION PROCESS CHALLENGE DEVICE AND METHOD**  
[54] **DISPOSITIF DE CONTROLE DE LA STERILISATION OPPOSANT UNE RESISTANCE VARIABLE ET METHODE CONNEXE**  
[72] TIMM, DEBRA, US  
[72] LEMUS, ANTHONY, US  
[71] ETHICON INC., US  
[22] 2002-11-04  
[43] 2003-05-02  
[30] US (10/002,038) 2001-11-02

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**Demandes canadiennes mises à la disponibilité du public**  
**27 avril 2003 - 3 mai 2003**

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[21] **2,411,237**  
[13] A1

[51] **Int.Cl. 7A61L 2/14 7G01N 25/28 7G01N 25/32**  
[25] EN  
[54] **MONITORING STERILANT CONCENTRATION IN DIFFUSION-RESTRICTED REGIONS AS A BASIS FOR PARAMETRIC RELEASE**  
[54] **SURVEILLANCE DE LA CONCENTRATION D'UN AGENT STERILISANT DANS DES ENDROITS DIFFICILES D'ACCES COMME BASE DE PRODUCTION D'UN PARAMETRE**  
[72] FRYER, BEN, US  
[72] HUI, HENRY K., US  
[72] ENGSTROM, KEITH, US  
[72] LEMUS, ANTHONY, US  
[72] LIN, SZU-MIN, US  
[72] TIMM, DEBRA, US  
[71] ETHICON INC., US  
[22] 2002-11-04  
[43] 2003-05-02  
[30] US (10/016,058) 2001-11-02

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[21] **2,411,242**  
[13] A1

[51] **Int.Cl. 7G01N 25/32 7A61L 2/14**  
[25] EN  
[54] **APPARATUS AND METHOD FOR MONITORING OF OXIDATIVE GAS OR VAPOR**  
[54] **APPAREIL ET METHODE POUR SURVEILLER LA CONCENTRATION D'UN GAZ OU D'UNE VAPEUR OXYDANTE**  
[72] TIMM, DEBRA, US  
[72] FRYER, BEN, US  
[72] LIN, SZU-MIN, US  
[72] ENGSTROM, KEITH, US  
[72] HUI, HENRY K., US  
[72] LEMUS, ANTHONY, US  
[71] ETHICON INC., US  
[22] 2002-11-04  
[43] 2003-05-02  
[30] US (10/016,057) 2001-11-02

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[21] **2,417,526**  
[13] A1

[51] **Int.Cl. 7B60B 30/06**  
[25] EN  
[54] **WHEEL RIM BOLT HOLE ATTACHABLE LUG NUT HOLDER**  
[54] **DISPOSITIF DE FIXATION D'ECROU DE ROUE DE VEHICULE POUR TROU NON UTILISE**  
[72] ACHORNE-KLEIN, CASSANDRA, CA  
[72] KLEIN, BARRY, CA  
[71] ACHORNE-KLEIN, CASSANDRA, CA  
[71] KLEIN, BARRY, CA  
[22] 2003-01-30  
[43] 2003-04-27

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[21] **2,417,611**  
[13] A1

[51] **Int.Cl. 7E06B 3/72**  
[25] EN  
[54] **COMPOSITE FRENCH DOOR**  
[54] **PORTE-FENETRE EN MATERIAU COMPOSITE**  
[72] GOUDREAU, JEAN, CA  
[71] PORTES NOVELL INC., CA  
[22] 2003-01-29  
[43] 2003-04-27

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[21] **2,417,905**  
[13] A1

[51] **Int.Cl. 7D21H 19/82 7D21H 19/72**  
[25] EN  
[54] **COATED PAPER AND PROCESS FOR PRODUCING SAME**  
[54] **PAPIER COUCHE ET PROCEDE POUR SA FABRICATION**  
[72] FILLION, MARIO, CA  
[72] CHABOT, DENIS, CA  
[72] BOUCHARD, GILLES, CA  
[71] BPR INC., CA  
[22] 2002-12-23  
[43] 2003-05-03

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**April 27, 2003 - May 3, 2003**

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[21] **2,379,439**  
[13] A1

[51] **Int.Cl. 7B01L 3/00 7G01N 33/543**  
[25] EN  
[54] **MULTIPLE ANALYTE ASSAY DEVICE WITH SAMPLE INTEGRITY MONITORING SYSTEM**  
[54] **DISPOSITIF D'ANALYSE D'ANALYTES MULTIPLES, COMPRENANT UN SYSTEME DE CONTROLE DE L'INTEGRITE DES ECHANTILLONS**  
[72] LEE, JIN PO, US  
[71] SYNTRON BIORESEARCH, INC., US  
[85] 2002-01-25  
[86] 2000-07-28 (PCT/US2000/020506)  
[87] 2002-03-28 (WO2002/024337)  
[30] US (09/364,277) 1999-07-29

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[21] **2,399,406**  
[13] A1

[51] **Int.Cl. 7A61F 2/16**  
[25] EN  
[54] **LENS IMPLANT**  
[54] **IMPLANT CRISTALLINIEN**  
[72] HAEFLIGER, EDUARD ANTON, CH  
[71] ACCOMMO AG, CH  
[85] 2003-03-05  
[86] 2001-01-26 (PCT/IB2001/000091)  
[87] 2003-03-05 (WO2001/056508)  
[30] CH (212/00) 2000-02-03

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[21] **2,399,491**  
[13] A1

[51] **Int.Cl. 7B29C 49/42**  
[25] EN  
[54] **BLOW MOULDING APPARATUS**  
[54] **APPAREIL DE MOULAGE PAR SOUFFLAGE**  
[72] GAUMANN, UDO, DE  
[72] WENGER, GUENTHER, DE  
[71] ETIMEX TECHNICAL COMPONENTS GMBH, DE  
[85] 2002-08-07  
[86] 2001-02-14 (PCT/EP2001/001622)  
[87] 2001-08-16 (WO2001/058672)  
[30] GB (0003358.9) 2000-02-14

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[21] **2,405,861**  
[13] A1

[51] **Int.Cl. 7G08B 21/00 7H04Q 9/00 7A61B 5/02 7A61B 5/04 7G08C 19/04 7A61N 1/08 7G08C 19/10 7A61N 1/10 7A61N 1/18 7A61N 1/20 7G08C 19/22 7A61N 1/22 7A61N 1/24 7A61N 1/26 7A61N 1/30 7A61N 1/32 7A61N 1/36**  
[25] EN  
[54] **WIRELESS SYSTEM PROTOCOL FOR TELEMETRY MONITORING**  
[54] **PROTOCOLE DE SYSTEME SANS FIL UTILISE EN TELESURVEILLANCE**  
[72] LOPEZ, SALVADOR, US  
[72] KHAIR, MOHAMMAD, US  
[72] NG, RICHARD, US  
[72] GHAEM, SANJAR, US  
[72] OLSON, WILLIAM L., US  
[71] MOTOROLA, INC., US  
[85] 2002-10-15  
[86] 2001-04-17 (PCT/US2001/012562)  
[87] 2001-10-25 (WO2001/078831)  
[30] US (09/551,719) 2000-04-18

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[21] **2,406,017**  
[13] A1

[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **TIME RELEASE ODOR CONTROL COMPOSITION AND DISPOSABLE ABSORBENT ARTICLE UTILIZING SAME**  
[54] **US01048440N ANTI-ODEURS RETARD ET ARTICLE ABSORBANT JETABLE UTILISANT CELLE-CI**  
[72] WAKSMUNDZKI, ANDREW, US  
[72] GLAUG, FRANK S., US  
[71] TYCO HEALTHCARE RETAIL SERVICES AG, CH  
[85] 2002-08-19  
[86] 2001-02-16 (PCT/US2001/004908)  
[87] 2001-08-23 (WO2001/060299)  
[30] US (09/506,299) 2000-02-17

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[21] **2,406,916**  
[13] A1

[51] **Int.Cl. 7B62B 3/02**  
[25] EN  
[54] **WALKER CHAIR**  
[54] **FAUTEUIL AMBULATEUR**  
[72] WOHLGEMUTH, ELI, CA  
[72] DEWINTER, KOEN, CA  
[71] WOHLGEMUTH, ELI, CA  
[71] DEWINTER, KOEN, CA  
[85] 2002-10-18  
[86] 2001-03-29 (PCT/US2001/010128)  
[87] 2001-11-01 (WO2001/081148)  
[30] US (09/552,538) 2000-04-19

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[21] **2,414,606**  
[13] A1

[51] **Int.Cl. 7A41D 31/00**  
[25] FR  
[54] **TISSU DE PROTECTION THERMIQUE**  
[54] **THERMAL PROTECTION FABRIC**  
[72] KAHN, JEAN POL, FR  
[72] FAVIER, FREDERIQUE, FR  
[72] DEJARDIN, JEAN-OLIVIER, FR  
[71] EUROPROTECT FRANCE S.A., FR  
[85] 2002-12-27  
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[87] 2002-01-24 (WO2002/005671)  
[30] FR (00/09258) 2000-07-13

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[13] A1

[51] **Int.Cl. 7C07K 7/08 7C07K 7/06 7A61K 38/17 7A61K 31/203 7A61K 7/48 7C07K 14/78**  
[25] EN  
[54] **COMPOSITION AND METHOD FOR ENHANCING ELASTICITY OF TISSUE**  
[54] **COMPOSITION ET PROCEDE DESTINE A AMELIORER L'ELASTICITE DES TISSUS**  
[72] SANDBERG, LAWRENCE B., US  
[72] MITTS, THOMAS F., US  
[72] JIMENEZ, FELIPE JR., US  
[71] CONNECTIVE TISSUE IMAGINEERING LLC, US  
[85] 2003-01-06  
[86] 2001-05-30 (PCT/US2001/017384)  
[87] 2001-12-06 (WO2001/091700)  
[30] US (09/580,156) 2000-05-30  
[30] US (09/584,001) 2000-05-30  
[30] US (09/580,110) 2000-05-30  
[30] US (09/580,893) 2000-05-30

[21] **2,415,236**  
[13] A1

[51] **Int.Cl. 7C07K 7/08 7A61P 31/00 7A61K 38/17**  
[25] EN  
[54] **NOVISPIRINS:ANTIMICROBIAL PEPTIDES**  
[54] **NOVISPIRINES: PEPTIDES ANTIMICROBIENS**  
[72] WARING, ALAN J., US  
[72] LEHRER, ROBERT I., US  
[72] TACK, BRIAN F., US  
[71] THE UNIVERSITY OF IOWA RESEARCH FOUNDATION, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2002-12-19  
[86] 2001-06-13 (PCT/US2001/019094)  
[87] 2002-01-03 (WO2002/000839)  
[30] US (09/606,858) 2000-06-28  
[30] US (09/840,009) 2001-04-19

[21] **2,415,242**  
[13] A1

[51] **Int.Cl. 7B67D 1/04**  
[25] EN  
[54] **GAS RECLAMATION SYSTEM**  
[54] **SYSTEME DE RECUPERATION DE GAZ**  
[72] JONES, GLYN, GB  
[71] STANWELL TECHNIC LIMITED, GB  
[85] 2003-01-07  
[86] 2001-06-08 (PCT/GB2001/002522)  
[87] 2001-12-13 (WO2001/094252)  
[30] GB (0013852.9) 2000-06-08

[21] **2,415,379**  
[13] A1

[51] **Int.Cl. 7H05B 3/00**  
[25] EN  
[54] **CERAMIC HEATER/FUSER ROLLER WITH INTERNAL HEATER**  
[54] **ROULEAU DE CHAUFFAGE/DE FIXATION EN CERAMIQUE AVEC DISPOSITIF DE CHAUFFAGE INTERNE**  
[72] HYLLBERG, BRUCE E., US  
[71] AMERICAN ROLLER COMPANY, US  
[85] 2003-01-07  
[86] 2001-06-22 (PCT/US2001/020087)  
[87] 2002-01-17 (WO2002/005594)  
[30] US (09/614,320) 2000-07-12

[21] **2,415,662**  
[13] A1

[51] **Int.Cl. 7C07D 403/10 7A01N 43/647**  
[25] EN  
[54] **1-ALKYL-3-[1-(SUBSTITUTED PHENYL) BENZOTRIAZOL-6-YL] URACILS**  
[54] **1-ALKYL-3-[1-(PHENYL SUBSTITUE) BENZOTRIAZOL-6-YL] URACILS**  
[72] TROTTO, SUSAN, US  
[72] WEPPLO, PETER, US  
[72] GUACIARO, MICHAEL, US  
[72] DIEHL, ROBERT E., US  
[71] BASF AKTIENGESSELLSCHAFT, DE  
[85] 2003-01-10  
[86] 2001-07-13 (PCT/EP2001/008175)  
[87] 2002-01-24 (WO2002/006219)  
[30] US (60/218,511) 2000-07-15

[21] **2,416,029**  
[13] A1

[51] **Int.Cl. 7C07K 16/18 7C07K 16/00 7A61K 39/395 7G01N 33/563**  
[25] EN  
[54] **ANTIBODIES SPECIFIC FOR UNGULATE PRP**  
[54] **ANTICORPS SPECIFIQUES DE PROTEINE PRION D'ONGULE**  
[72] BURTON, DENNIS R., US  
[72] WILLIAMSON, ANTHONY R., US  
[72] PRUSINER, STANLEY B., US  
[72] SAFAR, JIRI, US  
[71] THE SCRIPPS RESEARCH INSTITUTE, US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2003-01-06  
[86] 2001-07-17 (PCT/US2001/022648)  
[87] 2002-02-07 (WO2002/010335)  
[30] US (09/627,218) 2000-07-27

[21] **2,416,156**  
[13] A1

[51] **Int.Cl. 7A61K 38/17 7A61P 11/00 7C07K 14/24 7C07K 14/28**  
[25] EN  
[54] **ACCESSORY CHOLERA ENTEROTOXIN AND ANALOGS THEREOF AS ACTIVATORS OF CALCIUM DEPENDENT CHLORIDE CHANNEL**  
[54] **ENTEROTOXINE ACCESSOIRE DU CHOLERA ET SES ANALOGUES UTILISES COMME ACTIVATEURS DU CANAL DE CHLORURES DEPENDANT DE CALCIUM**  
[72] TRUCKSIS, MICHELE, US  
[71] UNIVERSITY OF MARYLAND BALTIMORE, US  
[85] 2003-01-28  
[86] 2001-07-27 (PCT/US2001/023530)  
[87] 2002-02-07 (WO2002/009642)  
[30] US (60/222,110) 2000-07-28

[21] **2,416,287**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 14/47**  
[25] EN  
[54] **OMEGA-CONOPEPTIDES**  
[54] **OMEGA-CONOPEPTIDES**  
[72] CARTIER, G. EDWARD, US  
[72] JACOBSEN, RICHARD B., US  
[72] SHON, KI-JOON, US  
[72] WATKINS, MAREN, US  
[72] MCINTOSH, J. MICHAEL, US  
[72] OLIVERA, BALDOMERO M., US  
[72] GARRETT, JAMES E., US  
[72] JONES, ROBERT M., US  
[71] COGNETIX, INC., US  
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US  
[85] 2003-01-17  
[86] 2001-07-23 (PCT/US2001/023041)  
[87] 2002-01-31 (WO2002/007675)  
[30] US (60/219,616) 2000-07-21  
[30] US (60/265,888) 2001-02-05

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[13] A1

[51] **Int.Cl. 7C07D 403/04 7C07D 401/04 7A61K 31/4427 7A61K 31/495 7A61K 31/53**

[25] EN  
[54] **CALCILYTIIC COMPOUNDS**  
[54] **COMPOSES CALCILYTIQUES**  
[72] CALLAHAN, JAMES F., US  
[72] BHATNAGAR, PRADIP K., US  
[72] LAGO, AMPARO M., US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2003-01-20  
[86] 2001-07-16 (PCT/US2001/022267)  
[87] 2002-01-31 (WO2002/007673)  
[30] US (60/219,842) 2000-07-21  
[30] US (60/220,636) 2000-07-25

[21] **2,416,544**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 14/47 7G01N 33/53 7G01N 33/534**

[25] EN  
[54] **MU-CONOPEPTIDES**  
[54] **CONOPEPTIDES SG(M)**  
[72] WATKINS, MAREN, US  
[72] SHON, KI-JOON, US  
[72] CARTIER, G. EDWARD, US  
[72] SHEN, GREGORY S., US  
[72] CRUZ, LOURDES J., PH  
[72] GARRETT, JAMES E., US  
[72] JONES, ROBERT M., US  
[72] JACOBSEN, RICHARD B., US  
[72] MCINTOSH, J. MICHAEL, US  
[72] OLIVERA, BALDOMERO M., US  
[72] WAGSTAFF, JOHN D., US  
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US  
[71] COGNETIX, INC., US  
[85] 2003-01-17  
[86] 2001-07-23 (PCT/US2001/023125)  
[87] 2002-01-31 (WO2002/007678)  
[30] US (60/219,619) 2000-07-21  
[30] US (60/245,157) 2000-11-03  
[30] US (60/264,319) 2001-01-29  
[30] US (60/277,270) 2001-03-21

[21] **2,416,545**  
[13] A1

[51] **Int.Cl. 7C12N 15/11 7A01K 67/00 7C12N 5/10 7C12N 15/63 7C12Q 1/68**

[25] EN  
[54] **COMMON POLYMORPHISM IN SCN5A IMPLICATED IN DRUG-INDUCED CARDIAC ARRHYTHMIA**  
[54] **POLYMORPHISME COMMUN DANS SCN5A A L'ORIGINE D'ARYTHMIE CARDIAQUE MEDICAMENTEUSE**  
[72] SPLAWSKI, IGOR, US  
[72] KEATING, MARK T., US  
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US  
[85] 2003-01-16  
[86] 2001-07-19 (PCT/US2001/022639)  
[87] 2002-01-31 (WO2002/008381)  
[30] US (60/219,738) 2000-07-20

[21] **2,416,788**  
[13] A1

[51] **Int.Cl. 7A61K 38/28 7C12N 5/10 7A61K 38/45**

[25] EN  
[54] **METHODS AND PHARMACEUTICAL COMPOSITIONS FOR HEALING WOUNDS**  
[54] **METHODES ET COMPOSITIONS PHARMACEUTIQUES DE CICATRISATION DE LESIONS**  
[72] TENNENBAUM, TAMAR, IL  
[72] KUROKI, TOSHIO, JP  
[72] SAMPSON, SANFORD, IL  
[72] SHEN, SHLOMZION, IL  
[72] ALT, ADDY, IL  
[71] BAR ILAN UNIVERSITY, IL  
[85] 2003-01-20  
[86] 2001-07-23 (PCT/IL2001/000675)  
[87] 2002-02-07 (WO2002/009639)  
[30] US (09/629,970) 2000-07-31

[21] **2,417,389**  
[13] A1

[51] **Int.Cl. 7A61K 47/48**

[25] EN  
[54] **THERAPEUTIC POLYESTERS AND POLYAMIDES**  
[54] **POLYESTERS ET POLYAMIDES THERAPEUTIQUES**  
[72] UHRICH, KATHRYN E., US  
[71] RUTGERS, THE STATE UNIVERSITY, US  
[85] 2003-01-27  
[86] 2001-07-27 (PCT/US2001/023747)  
[87] 2002-02-07 (WO2002/009768)  
[30] US (60/220,707) 2000-07-27  
[30] US (60/261,337) 2001-01-12

[21] **2,417,504**  
[13] A1

[51] **Int.Cl. 7B01D 21/28 7B01D 17/02 7B04C 3/04 7B01D 21/26**

[25] EN  
[54] **SEPARATORS**  
[54] **SEPARATEURS**  
[72] BATSON, RICHARD GUY, ZA  
[71] WATER MINERALS LIMITED, ZZ  
[85] 2003-01-27  
[86] 2001-07-25 (PCT/IB2001/001330)  
[87] 2002-01-31 (WO2002/007853)  
[30] ZA (2000/3744) 2000-07-25

[21] **2,417,800**  
[13] A1

[51] **Int.Cl. 7A61K 9/107 7A61K 31/05**

[25] EN  
[54] **MICROEMULSION AND MICELLE SYSTEMS FOR SOLUBILIZING DRUGS**  
[54] **NOUVEAUX SYSTEMES DE MICRO-EMULSIONS ET DE TENSIOACTIFS DESTINES A LA SOLUBILISATION DE MEDICAMENTS**  
[72] GRAVENSTEIN, NIKOLAUS, US  
[72] DENNIS, DONN M., US  
[72] MODELL, JEROME H., US  
[72] MOREY, TIMOTHY E., US  
[72] SHAH, DINESH, US  
[71] UNIVERSITY OF FLORIDA, US  
[85] 2003-01-31  
[86] 2001-07-31 (PCT/US2001/024167)  
[87] 2002-02-07 (WO2002/009671)  
[30] US (09/630,237) 2000-08-01

[21] **2,417,840**  
[13] A1

[51] **Int.Cl. 7A61K 31/335**

[25] EN  
[54] **BIMODAL EMULSIONS OF TAXANES AND BUTYRATE POLYALCOHOL ESTERS**  
[54] **EMULSIONS BIMODALES DE TAXANES ET D'ESTERS DE POLYALCOOL DE BUTYRATE**  
[72] QUAY, STEVEN C., US  
[71] ATOSSA HEALTHCARE, INC., US  
[85] 2003-01-31  
[86] 2001-08-02 (PCT/US2001/024359)  
[87] 2002-02-07 (WO2002/009695)  
[30] US (09/631,246) 2000-08-02

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[13] A1

[51] **Int.Cl. 7A61K 31/52 7A61K 31/135 7A61K 31/335**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF ANORECTAL DISORDERS**  
[54] **COMPOSITIONS ET METHODES DESTINEES AU TRAITEMENT DES TROUBLES ANORECTAUX**  
[72] LEE, JUNG-CHUNG, US  
[72] LEE, CHARLES, US  
[72] PARKS, THOMAS P., US  
[72] MAK, VIVIEN, US  
[71] CELLEGY PHARMACEUTICALS, INC., US  
[85] 2003-01-31  
[86] 2001-07-30 (PCT/US2001/023971)  
[87] 2002-02-07 (WO2002/009714)  
[30] US (60/222,267) 2000-07-31

[21] **2,417,880**  
[13] A1

[51] **Int.Cl. 7C07C 235/80 7C07D 295/027 7C07D 223/10 7C07D 307/14 7A61P 5/16 7C07C 235/24 7C07D 311/24 7C07C 233/25 7C07C 275/36 7C07D 213/38 7C07D 333/38 7C07D 307/52 7C07D 211/58 7C07C 233/74 7C07C 233/75**  
[25] EN  
[54] **AMINO DIPHENYL ETHERS AND AMIDO DIPHENYL ETHERS**  
[54] **AMINO- ET AMIDODIPHENYLETHER**  
[72] WOLTERING, MICHAEL, DE  
[72] SCHMIDT, GUNTER, DE  
[72] BISCHOFF, HILMAR, DE  
[72] VOHRINGER, VERENA, DE  
[72] HANING, HELMUT, DE  
[72] KRETSCHMER, AXEL, DE  
[72] FAESTE, CHRISTIANE, NO  
[72] PERNERSTORFER, JOSEF, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2003-01-31  
[86] 2001-07-23 (PCT/EP2001/008477)  
[87] 2003-01-31 (WO2002/012169)  
[30] DE (100 38 007.7) 2000-08-04

[21] **2,417,883**  
[13] A1

[51] **Int.Cl. 7A61K 31/425 7A61P 7/00 7A61K 31/155**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION COMPRISING METFORMIN AND A 5-PHENOXYALKYL-2,4-THIAZOLIDINEDIONE-TYPE DERIVATIVE**  
[54] **COMPOSITION PHARMACEUTIQUE COMPRENANT DE LA METFORMINE ET UN DERIVE DE TYPE 5-PHENOXYALKYLE-2,4-THIAZOLIDINEDIONE**  
[72] MOINET, GERARD, FR  
[72] BOTTON, GERARD, FR  
[72] MESANGEAU, DIDIER, FR  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2003-01-31  
[86] 2001-07-24 (PCT/EP2001/008512)  
[87] 2002-02-14 (WO2002/011721)  
[30] FR (00/10362) 2000-08-04

[21] **2,417,884**  
[13] A1

[51] **Int.Cl. 7A61K 35/78 7A61K 38/16**  
[25] EN  
[54] **PLANT DERIVED ANTIOXIDANTS**  
[54] **ANTIOXYDANTS VEGETAUX DERIVES**  
[72] DATTA, NEERAJ, US  
[72] WOLFE, N. LEE, US  
[71] WORLD RESOURCES CORPORATION, US  
[85] 2003-01-31  
[86] 2001-07-31 (PCT/US2001/023988)  
[87] 2002-02-07 (WO2002/009646)  
[30] US (60/221,755) 2000-07-31

[21] **2,417,887**  
[13] A1

[51] **Int.Cl. 7A61K 9/28 7A61K 31/404 7A61K 9/50**  
[25] EN  
[54] **PARTICULATE COMPOSITION OF ELETRIPTAN**  
[54] **COMPOSITION PARTICULAIRE D'ELETRIPTAN PRESENTANT UN MODELE SIGMOIDE DE LIBERATION COMMANDEE**  
[72] WALTHER, MATHIAS, GB  
[72] DE RASPIDE, MANAUD PIERRE FREDERIC, GB  
[72] MACRAE, ROSS JAMES, GB  
[71] PFIZER INC., US  
[85] 2003-01-31  
[86] 2001-07-18 (PCT/IB2001/001279)  
[87] 2002-02-07 (WO2002/009675)  
[30] GB (0018968.8) 2000-08-02

[21] **2,417,889**  
[13] A1

[51] **Int.Cl. 7B01L 7/00 7H05B 3/00 7C12Q 1/68**  
[25] EN  
[54] **APPARATUS FOR GENERATING A TEMPERATURE GRADIENT AND METHODS FOR USING THE GRADIENT TO CHARACTERIZE MOLECULAR INTERACTIONS**  
[54] **APPAREIL SERVANT A PRODUIRE UN GRADIENT DE TEMPERATURE ET PROCEDES D'UTILISATION DU GRADIENT POUR CARACTERISER DES INTERACTIONS MOLECULAIRES**  
[72] CIBUZAR, GREGORY T., US  
[72] WILLIAMSON, FRED, US  
[72] FISHER, MARK, US  
[72] BLUMENFELD, MARTIN, US  
[72] VAN NESS, BRIAN G., US  
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US  
[85] 2003-01-31  
[86] 2001-07-30 (PCT/US2001/023831)  
[87] 2002-02-07 (WO2002/009868)  
[30] US (09/630,172) 2000-08-01

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[21] **2,417,890**  
[13] A1

[51] **Int.Cl. 7C10L 1/14 7C10L 10/02 7C10L 1/32**  
[25] EN  
[54] **ADDITIVE FOR REDUCING PARTICULATE IN EMISSIONS DERIVING FROM THE COMBUSTION OF DIESEL OIL**  
[54] **ADDITIF UTILISE POUR REDUIRE LA FORMATION DE PARTICULES DANS DES EMISSIONS PROVENANT DE LA COMBUSTION DU DIESEL**  
[72] PEDRAZZINI, CESARE, MC  
[71] PEDRAZZINI, CESARE, MC  
[85] 2003-01-31  
[86] 2001-08-01 (PCT/EP2001/008871)  
[87] 2002-02-14 (WO2002/012417)  
[30] IT (MI2000A1815) 2000-08-03

[21] **2,417,926**  
[13] A1

[51] **Int.Cl. 7G10L 15/26 7G10L 15/00 7G10L 15/22**  
[25] EN  
[54] **METHOD OF AND SYSTEM FOR IMPROVING ACCURACY IN A SPEECH RECOGNITION SYSTEM**  
[54] **PROCEDE ET SYSTEME D'AMELIORATION DE LA PRECISION DANS UN SYSTEME DE RECONNAISSANCE DE LA PAROLE**  
[72] BOULANOZ, OLEG, US  
[72] KROEKER, JOHN, US  
[71] ELIZA CORPORATION, US  
[85] 2003-01-31  
[86] 2001-07-31 (PCT/US2001/023965)  
[87] 2002-02-07 (WO2002/011121)  
[30] US (60/221,737) 2000-07-31

[21] **2,417,927**  
[13] A1

[51] **Int.Cl. 7C11D 7/18 7C11D 7/54**  
[25] EN  
[54] **METHOD OF MAKING A COMPOSITION, A PRODUCT FROM SUCH METHOD, AND THE USE THEREOF IN REMOVING OR DISSOLVING A CONTAMINANT FROM AN ENVIRONMENT**  
[54] **PROCEDE D'ELABORATION D'UNE COMPOSITION, PRODUIT DE CE PROCEDE, ET UTILISATION CORRESPONDANTE DANS L'ELIMINATION OU LA DISSOLUTION D'UN CONTAMINANT PROVENANT D'UN ENVIRONNEMENT**  
[72] MCCLUNG, JAMES, E., US  
[71] MCCLUNG, JAMES, E., US  
[85] 2003-01-31  
[86] 2001-08-03 (PCT/US2001/024775)  
[87] 2002-02-14 (WO2002/012428)  
[30] US (60/223,064) 2000-08-04

[21] **2,417,928**  
[13] A1

[51] **Int.Cl. 7H04B 10/08**  
[25] EN  
[54] **SMART CONNECT**  
[54] **CONNEXION INTELLIGENTE**  
[72] ST. LAURANT, STEPHANE, US  
[72] HINDS, MARK R., CA  
[71] NORTEL NETWORKS LIMITED, CA  
[85] 2003-01-31  
[86] 2001-08-01 (PCT/CA2001/001106)  
[87] 2002-02-07 (WO2002/011320)  
[30] US (09/630,681) 2000-08-01

[21] **2,417,930**  
[13] A1

[51] **Int.Cl. 7A61K 9/50 7A61P 25/00 7A61P 25/18**  
[25] EN  
[54] **"SLOW RELEASE"**  
**PHARMACEUTICAL COMPOSITIONS COMPRISING LITHIUM CARBONATE**  
[54] **COMPOSITIONS PHARMACEUTIQUES RENFERMANT DU CARBONATE DE LITHIUM**  
[72] TARRO, GIULIO, IT  
[71] UNIHART CORPORATION, IE  
[85] 2003-01-31  
[86] 2001-08-06 (PCT/EP2001/009054)  
[87] 2002-02-14 (WO2002/011740)  
[30] IT (MI2000A001868) 2000-08-10  
[30] IT (MI2001A000299) 2001-02-14

[21] **2,417,931**  
[13] A1

[51] **Int.Cl. 7H04Q 7/20 7H04Q 7/36 7H04Q 7/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ADAPTIVELY SETTING FREQUENCY CHANNELS IN A MULTIPOINT WIRELESS NETWORKING SYSTEM**  
[54] **PROCEDE ET APPAREIL POUR LE REGLAGE ADAPTATIF DE CANAUX DE FREQUENCE DANS UN SYSTEME DE GESTION DE RESEAU MULTIPOINT SANS FIL**  
[72] BROWN, WILLIAM M., US  
[72] BELL, ROBERT S., US  
[71] METRIC SYSTEMS CORPORATION, US  
[85] 2003-01-31  
[86] 2001-08-02 (PCT/US2001/041530)  
[87] 2002-02-07 (WO2002/011455)  
[30] US (60/222,693) 2000-08-02  
[30] US (09/921,517) 2001-08-01

[21] **2,417,933**  
[13] A1

[51] **Int.Cl. 7C05F 3/00 7C05F 5/00 7C05F 7/00**  
[25] EN  
[54] **METHOD FOR TREATING AMMONIA-CONTAINING ORGANIC WASTE**  
[54] **TRAITEMENT DE DECHETS ORGANIQUES RENFERMANT DE L'AMMONIAC**  
[72] FAULMANN, ERWIN L., US  
[72] LOGAN, TERRY J., US  
[71] N-VIRO INTERNATIONAL CORPORATION, US  
[85] 2003-01-31  
[86] 2001-06-15 (PCT/US2001/019078)  
[87] 2002-02-14 (WO2002/012139)  
[30] US (09/632,945) 2000-08-04



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[13] A1  
[51] **Int.Cl. 7H04L 12/28 7H04L 29/06 7H04Q 7/38 7H04L 12/56**  
[25] EN  
[54] **TECHNIQUES FOR PERFORMING UMTS-AUTHENTICATION USING SIP (SESSION INITIATION PROTOCOL) MESSAGES**  
[54] **TECHNIQUES D'EXECUTION D'AUTHENTIFICATION UMTS (SYSTEME UNIVERSEL DE TELECOMMUNICATIONS DU SERVICE MOBILE) AU MOYEN DE MESSAGES SIP (PROTOCOLE D'INITIATION DE SESSION)**  
[72] LE, FRANCK, US  
[72] WOLFNER, GYORGY, HU  
[72] FACCIN, STEFANO, US  
[71] NOKIA CORPORATION, FI  
[85] 2003-01-31  
[86] 2001-07-30 (PCT/US2001/023764)  
[87] 2002-02-07 (WO2002/011469)  
[30] US (09/630,425) 2000-08-01

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[13] A1  
[51] **Int.Cl. 7A61K 31/7076 7A61P 29/00**  
[25] EN  
[54] **ANTI-INFLAMMATORY MEDICAMENT**  
[54] **MEDICAMENT ANTI-INFLAMMATOIRE**  
[72] FERRERO, MARIA ELENA, IT  
[71] UNIVERSITA' DEGLI STUDI DI MILANO, IT  
[85] 2003-01-31  
[86] 2001-07-26 (PCT/EP2001/008643)  
[87] 2002-02-14 (WO2002/011737)  
[30] IT (MI2000A001827) 2000-08-04

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[13] A1  
[51] **Int.Cl. 7C07D 471/04 7C07D 221/00 7C07D 239/00 7C07D 471/00 7C07D 519/00**  
[25] EN  
[54] **PROCESS FOR PREPARING 2-(4-PYRIDYL)AMINO-6-DIALKYL OXYPHENYL-PYRIDO[2,3-D]PYRIMIDIN-7-ONES**  
[54] **PROCEDE DE PREPARATION DE 2-(4-PYRIDYL)AMINO-6-DIALKYL OXYPHENYL-PYRIDO[2,3-D]PYRIMIDIN-7-ONES**  
[72] MARLATT, MARK EUGENE, US  
[72] LEE, RICHARD JUNGKYU, US  
[72] BEYLIN, VLADIMIR GENUKH, US  
[71] WARNER-LAMBERT COMPANY LLC, US  
[85] 2003-01-31  
[86] 2001-07-12 (PCT/US2001/022001)  
[87] 2002-02-14 (WO2002/012237)  
[30] US (60/223,084) 2000-08-04

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[21] **2,417,939**  
[13] A1  
[51] **Int.Cl. 7G01N 15/00**  
[25] EN  
[54] **ACTIVE NEMS ARRAYS FOR BIOCHEMICAL ANALYSES**  
[54] **JEUX ORDONNES D'ECHANTILLONS ACTIFS NEMS DESTINES A DES ANALYSES BIOCHIMIQUES**  
[72] ROUKES, MICHAEL L., US  
[72] FRASER, SCOTT E., US  
[72] CROSS, MICHAEL C., US  
[72] SOLOMON, JERRY E., US  
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US  
[85] 2003-01-31  
[86] 2001-08-09 (PCT/US2001/041645)  
[87] 2002-02-14 (WO2002/012443)  
[30] US (60/224,109) 2000-08-09

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[13] A1  
[51] **Int.Cl. 7C07D 471/04 7C07D 221/00 7C07D 239/00 7A61P 35/00 7A61K 31/519**  
[25] EN  
[54] **2-(4-PYRIDYL)AMINO-6-DIALKOXYPHENYL-PYRIDO[2,3-D]PYRIMIDIN-7-ONES**  
[54] **2-(4-PYRIDYL)AMINO-6-DIALCOXYPHENYL-PYRIDO[2,3-D]PYRIMIDINE-7-ONES**  
[72] KRAMER, JAMES BERNARD, US  
[72] KLUTCHKO, SYLVESTER, US  
[72] HAMBY, JAMES MARINO, US  
[71] WARNER-LAMBERT COMPANY LLC, US  
[85] 2003-01-31  
[86] 2001-07-20 (PCT/US2001/022881)  
[87] 2002-02-14 (WO2002/012238)  
[30] US (60/223,083) 2000-08-04

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[21] **2,417,960**  
[13] A1  
[51] **Int.Cl. 7A61K 31/495 7A61P 7/02 7C07D 241/04**  
[25] EN  
[54] **METHOD OF USING DIKETOPIPERAZINES AND COMPOSITION CONTAINING THEM**  
[54] **METHODE D'UTILISATION DE DICETOPIPERAZINES ET COMPOSITION CONTENANT CES SUBSTANCES**  
[72] CURTIS, C. GERALD, GB  
[72] RAO, NAGARAJA K. R., GB  
[72] THOMAS, GREG, US  
[72] BAR-OR, DAVID, US  
[71] DMI BIOSCIENCES, INC., US  
[85] 2003-01-31  
[86] 2001-08-02 (PCT/US2001/041541)  
[87] 2002-02-14 (WO2002/011676)  
[30] US (60/222,849) 2000-08-04

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[21] **2,417,961**  
[13] A1  
[51] **Int.Cl. 7G01N 1/10 7G01N 1/14**  
[25] EN  
[54] **SYSTEM FOR MULTIPLE STERILE SAMPLE COLLECTION AND ISOLATION**  
[54] **SYSTEME POUR COLLECTER ET ISOLER PLUSIEURS ECHANTILLONS STERILES**  
[72] NEWBERG, DOUGLAS A., US  
[71] NL TECHNOLOGIES, LTD., US  
[85] 2003-01-31  
[86] 2001-08-02 (PCT/US2001/024229)  
[87] 2002-02-07 (WO2002/009493)  
[30] US (60/222,610) 2000-08-02

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[21] **2,417,962**  
[13] A1

[51] **Int.Cl. 7A61B 17/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CLOSING VASCULAR PUNCTURE**  
[54] **PROCEDE ET DISPOSITIF DE FERMETURE DE PONCTION VASCULAIRE A L'AIDE D'UNE MATIERE HEMOSTATIQUE**  
[72] ZHU, YONG HUA, US  
[72] KIRSCH, WOLFF M., US  
[71] LOMA LINDA UNIVERSITY MEDICAL CENTER, US  
[85] 2003-01-31  
[86] 2001-08-02 (PCT/US2001/024462)  
[87] 2002-02-07 (WO2002/009591)  
[30] US (60/222,525) 2000-08-02

[21] **2,417,968**  
[13] A1

[51] **Int.Cl. 7B41J 2/05**  
[25] EN  
[54] **DETERMINING MINIMUM ENERGY PULSE CHARACTERISTICS IN AN INK JET PRINT HEAD**  
[54] **DETERMINATION DES CARACTERISTIQUES D'IMPULSION D'ENERGIE MINIMUM DANS UNE TETE D'IMPRESSION A JET D'ENCRE**  
[72] CORNELL, ROBERT WILSON, US  
[71] LEXMARK INTERNATIONAL, INC., US  
[85] 2003-01-31  
[86] 2001-08-03 (PCT/US2001/024437)  
[87] 2002-02-14 (WO2002/011992)  
[30] US (09/634,143) 2000-08-08

[21] **2,417,987**  
[13] A1

[51] **Int.Cl. 7B01J 23/887 7C07C 253/26**  
[25] EN  
[54] **IMPROVED CATALYST FOR THE MANUFACTURE OF ACRYLONITRILE**  
[54] **CATALYSEUR AMELIORE DESTINE A LA FABRICATION D'ACRYLONITRILE**  
[72] SEELY, MICHAEL J., US  
[72] PAPANIZOS, CHRISTOS, US  
[72] SURESH, DEV D., US  
[72] FRIEDRICH, MARIA STRADA, US  
[71] THE STANDARD OIL COMPANY, US  
[85] 2003-01-31  
[86] 2001-08-02 (PCT/US2001/024253)  
[87] 2002-02-21 (WO2002/013963)  
[30] US (09/641,380) 2000-08-17

[21] **2,417,966**  
[13] A1

[51] **Int.Cl. 7A61F 2/16**  
[25] EN  
[54] **TWO PART "L"-SHAPED PHAKIC IOL**  
[54] **LENTILLE INTRAOCULAIRE PHAKIQUE EN FORME DE "L" EN DEUX PARTIES**  
[72] BLAKE, LARRY W., US  
[71] TEKIA, INC., US  
[85] 2003-01-31  
[86] 2001-07-19 (PCT/US2001/022947)  
[87] 2002-02-14 (WO2002/011649)  
[30] US (09/631,576) 2000-08-04

[21] **2,417,980**  
[13] A1

[51] **Int.Cl. 7C25D 5/44 7A44C 21/00**  
[25] EN  
[54] **ELECTROPLATED ALUMINUM PARTS AND PROCESS OF PRODUCTION**  
[54] **ELEMENTS EN ALUMINIUM GALVANISE ET PROCEDE DE FABRICATION**  
[72] MOLNAR, ANGIE KATHLEEN, CA  
[72] MORIN, LOUIS CHARLES, CA  
[71] THE WESTAIM CORPORATION, CA  
[85] 2003-01-31  
[86] 2001-08-17 (PCT/CA2001/001163)  
[87] 2002-02-21 (WO2002/014583)  
[30] US (09/640,828) 2000-08-17

[21] **2,418,038**  
[13] A1

[51] **Int.Cl. 7A61K 31/4525 7A61K 9/20**  
[25] EN  
[54] **PAROXETINE COMPOSITIONS AND PROCESSES FOR MAKING THE SAME**  
[54] **COMPOSITIONS A BASE DE PAROXETINE ET LEURS PROCEDES DE FABRICATION**  
[72] VAN DALEN, FRANS, NL  
[72] PICHA, FRANTISEK, CZ  
[72] LEMMENS, JACOBUS MARIA, NL  
[72] PLATTEEUW, JOHANNES JAN, NL  
[72] PETERS, THEODORUS HENDRICUS ANTONIUS, NL  
[71] SYNTHON B.V., NL  
[85] 2003-01-31  
[86] 2001-08-28 (PCT/NL2001/000635)  
[87] 2002-03-07 (WO2002/017921)  
[30] US (60/228,110) 2000-08-28  
[30] US (60/234,936) 2000-09-26

[21] **2,417,967**  
[13] A1

[51] **Int.Cl. 7C07D 487/08 7C07D 209/00 7C07D 223/00 7A61P 25/00 7C07D 451/02 7A61K 31/407 7A61K 31/46 7A61K 31/55**  
[25] EN  
[54] **AZABICYCLIC DERIVATIVES AND THEIR THERAPEUTIC USE**  
[54] **COMPOSITIONS PHARMACEUTIQUES ET PROCEDES D'UTILISATION**  
[72] BHATTI, BAL WINDER SINGH, US  
[72] CLARK, THOMAS JEFFREY, US  
[71] TARGACEPT, INC., US  
[85] 2003-01-31  
[86] 2001-07-13 (PCT/US2001/022170)  
[87] 2002-02-14 (WO2002/012245)  
[30] US (09/633,156) 2000-08-04

[21] **2,417,983**  
[13] A1

[51] **Int.Cl. 7B32B 21/02 7B32B 21/06 7B32B 21/08 7B32B 21/12 7B32B 21/13**  
[25] EN  
[54] **SMOOTH-SIDED INTEGRAL COMPOSITE ENGINEERED PANELS AND METHODS FOR PRODUCING SAME**  
[54] **PANNEAUX COMPOSITES INTEGRES A FACE LISSE ET PROCEDES DE FABRICATION**  
[72] RITTER, DAVID C., US  
[72] TANZER, JAY, US  
[71] LOUISIANA-PACIFIC CORPORATION, US  
[85] 2003-01-31  
[86] 2001-07-31 (PCT/US2001/024097)  
[87] 2002-02-21 (WO2002/014067)  
[30] US (09/641,550) 2000-08-17

[21] **2,418,039**  
[13] A1

[51] **Int.Cl. 7A61M 15/00**  
[25] EN  
[54] **METERED ELECTRO-DOSE**  
[54] **ELECTRO-DOSE**  
[72] NILSSON, LARS-GUNNAR, SE  
[72] NILSSON, THOMAS, SE  
[71] MICRODRUG AG, CH  
[85] 2003-01-31  
[86] 2001-07-27 (PCT/SE2001/001683)  
[87] 2002-03-07 (WO2002/018000)  
[30] SE (0003082-5) 2000-08-31

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[21] **2,418,040**  
[13] A1  
[51] **Int.Cl. 7C07C 253/30 7C07C 255/37**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF SUBSTITUTED PHENYLACETONITRILES**  
[54] **PROCEDE SERVANT A PREPARER DES PHENYLACETONITRILES SUBSTITUES**  
[72] EKKUNDI, VADIRAJ S., IN  
[72] MUMBAIKAR, VILAS N., IN  
[72] VAN DER SCHAAF, PAUL ADRIAAN, CH  
[72] PAINGANKAR, NIRANJAN, IN  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2003-01-31  
[86] 2001-08-21 (PCT/EP2001/009665)  
[87] 2002-03-07 (WO2002/018325)  
[30] IN (705/MAS/00) 2000-08-30

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[13] A1  
[51] **Int.Cl. 7C07D 413/14 7C07D 498/04 7A61P 9/10 7C07D 403/12 7C07D 407/12 7C07D 413/12 7C07D 417/12 7C07D 409/14 7C07D 417/14 7A61K 31/401**  
[25] EN  
[54] **PYRROLIDINE DERIVATIVES AND THEIR USE AS CHYMASE INHIBITOR**  
[54] **DERIVES DE LA PYRROLIDINE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE LA CHYMASE**  
[72] KIYOSHI, AKIHIKO, JP  
[72] NOTAKE, MITSUE, JP  
[72] SHOWELL, GRAHAM ANDREW, GB  
[72] HONDA, YAYOI, JP  
[72] FUJITANI, BUICHI, JP  
[72] SATO, FUMINORI, JP  
[72] SHIRATAKE, RYOTARO, JP  
[72] BOYLE, ROBERT GEORGE, GB  
[72] DEGUCHI, TAKASHI, JP  
[72] KLAIR, SUKHBINDER SINGH, GB  
[71] DAINIPPON PHARMACEUTICAL CO., LTD., JP  
[85] 2003-01-31  
[86] 2001-08-21 (PCT/JP2001/007137)  
[87] 2002-03-07 (WO2002/018378)  
[30] GB (0021315.7) 2000-08-30

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[13] A1  
[51] **Int.Cl. 7H04L 29/06 7G06F 1/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR IMPLEMENTING ROBOT PROOF WEB SITE**  
[54] **SYSTEME ET PROCEDE DE MISE EN OEUVRE DE SITE WEB PROTEGE CONTRE LES ROBOTS**  
[72] THUBERT, PASCAL, FR  
[72] LEVY-ABEGNOLI, ERIC, FR  
[72] LAMBERTON, MARC, FR  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2003-01-31  
[86] 2001-08-09 (PCT/EP2001/010399)  
[87] 2002-03-21 (WO2002/023390)  
[30] EP (00480085.0) 2000-09-12

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[13] A1  
[51] **Int.Cl. 7H04Q 7/20 7H04Q 7/32 7H04M 1/725**  
[25] EN  
[54] **TELEPHONE NETWORK NODE DEVICE**  
[54] **DISPOSITIF DE NOEUD DE RESEAU TELEPHONIQUE**  
[72] WILLNER, BARRY, US  
[72] STERN, EDITH HELEN, US  
[72] CHAPMAN, ROBERT ELLIS, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2003-01-31  
[86] 2001-09-18 (PCT/GB2001/004141)  
[87] 2002-03-28 (WO2002/025901)  
[30] US (09/664,460) 2000-09-18  
[30] US (09/664,329) 2000-09-18  
[30] US (09/664,549) 2000-09-18  
[30] US (09/664,328) 2000-09-18  
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[13] A1  
[51] **Int.Cl. 7C07D 413/04 7A01N 43/80 7A01N 43/86**  
[25] EN  
[54] **COMPOUNDS HAVING FUNGICIDAL ACTIVITY AND PROCESSES TO MAKE AND USE SAME**  
[54] **COMPOSE DE 2-METHOXYIMINO-2-(PYRIDINYLOXYMETHYL) PHENYL ACETAMIDES A ACTIVITE FONGICIDE**  
[72] RENGA, JAMES M., US  
[72] CETUSIC, JEANNINE RACHEL PHILLIPS, US  
[72] BUTZ, JENIFER LYNN ADAMSKI, US  
[72] RIEDER, BRENT JEFFREY, US  
[72] MORRISON, IRENE MAE, US  
[72] KIRBY, NEIL VINCENT, US  
[72] GUSTAFSON, GARY DAVID, US  
[72] MATHIESON, JOHN TODD, US  
[71] DOW AGROSCIENCES LLC, US  
[85] 2003-01-31  
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[13] A1  
[51] **Int.Cl. 7G02F 1/35**  
[25] EN  
[54] **CONSTANT OUTPUT LIGHT ATTENUATOR AND CONSTANT OUTPUT LIGHT ATTENUATING METHOD**  
[54] **ATTENUATEUR DE LUMIERE A ECLAIRAGE CONSTANT ET PROCEDE D'ATTENUATION DE LUMIERE A ECLAIRAGE CONSTANT**  
[72] OTO, MASANORI, JP  
[72] MORISHITA, YUUICHI, JP  
[72] NORO, HARUHITO, JP  
[71] SHOWA ELECTRIC WIRE & CABLE CO., LTD., JP  
[85] 2003-01-31  
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[13] A1

[51] **Int.Cl. 7G01N 1/00**  
[25] EN  
[54] **WATER MONITORING SYSTEM USING BIVALVE MOLLUSKS**  
[54] **SYSTEME DE CONTROLE DE LA QUALITE DE L'EAU A L'AIDE DE MOLLUSQUES BIVALVES**  
[72] MORGAN, ROBERT, US  
[72] EDDY, DAVID, US  
[72] EZRATTY, JASON, US  
[72] MORGAN, DONALD, US  
[71] AQUEOUS SOLUTIONS, INC., US  
[85] 2003-01-31  
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[30] US (09/631,045) 2000-08-01  
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[13] A1

[51] **Int.Cl. 7C07C 69/732 7C09K 5/00 7C10M 141/00 7C07C 67/03 7C07C 305/04 7C07F 9/09 7C11C 3/10 7C07C 69/52**  
[25] EN  
[54] **TRANSESTERIFIED FATTY ESTERS FOR LUBRICANT AND REFRIGERANT OIL SYSTEM**  
[54] **CIRCUIT D'HUILE LUBRIFIANTE ET FRIGORIGENE**  
[72] MOSIER, BENJAMIN, US  
[72] DUFFY, BRYN J., US  
[71] MJ RESEARCH & DEVELOPMENT, LP, US  
[85] 2003-01-31  
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[13] A1

[51] **Int.Cl. 7C07D 405/14 7A61P 7/02 7A61P 9/10 7C07D 405/12 7C07D 409/14 7C07D 413/14 7A61K 31/55**  
[25] EN  
[54] **LACTAM INHIBITORS OF FACTOR XA WHICH ARE USEFUL FOR THE TREATMENT OF THROMBOSIS**  
[54] **INHIBITEURS LACTAMES DU FXA CONVENANT AU TRAITEMENT DE LA THROMBOSE**  
[72] SHI, YAN, US  
[72] O'CONNOR, STEPHEN P., US  
[72] LI, CHI, US  
[72] STEIN, PHILIP D., US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2003-01-31  
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[13] A1

[51] **Int.Cl. 7C22C 21/10**  
[25] EN  
[54] **HIGH-STRENGTH ALLOY BASED ON ALUMINIUM AND A PRODUCT MADE OF SAID ALLOY**  
[54] **ALLIAGE HAUTEMENT RESISTANT A BASE D'ALUMINIUM ET ARTICLE FABRIQUE A PARTIR DE CET ALLIAGE**  
[72] LEGOSHINA, SVETLANA FEDOROVNA, RU  
[72] SAMONIN, VLADIMIR NIKOLAEVITCH, RU  
[72] FRIDLANDER, IOSIF NAUMOVITCH, RU  
[72] SENATOROVA, OLGA GRIGORIEVNA, RU  
[72] SUKHIKH, ALEKSANDR YUVENARJEVITCH, RU  
[72] KOSHORST, JOHANNES, FR  
[72] KABLOV, EVGENY NIKOLAEVICH, RU  
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[13] A1

[51] **Int.Cl. 7G01N 1/00**  
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[54] **SYSTEM AND METHOD FOR MONITORING WATER USING BIVALVE MOLLUSKS**  
[54] **SYSTEME ET PROCEDE DE CONTROLE DE LA QUALITE DE L'EAU A L'AIDE DE MOLLUSQUES BIVALVES**  
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[71] AQUEROUS SOLUTIONS, INC., US  
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[87] 2002-02-07 (WO2002/010707)  
[30] US (09/631,045) 2000-08-01

[21] **2,418,093**  
[13] A1

[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **DATA COMPILING METHOD**  
[54] **PROCEDE DE COMPILATION DE DONNEES**  
[72] FURUSHO, SHINJI, JP  
[71] TURBO DATA LABORATORIES, INC., JP  
[85] 2003-01-31  
[86] 2001-07-30 (PCT/JP2001/006530)  
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[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD AND SYSTEM OF SECURELY COLLECTING, STORING, AND TRANSMITTING INFORMATION**  
[54] **PROCEDE ET SYSTEME PERMETTANT DE COLLECTER, DE MEMORISER ET DE TRANSMETTRE DES INFORMATIONS**  
[72] WALSH, MARK, US  
[72] SCOTT, DAVID, US  
[72] DAVIS, RICK, US  
[71] PATENTEK, INC., US  
[85] 2003-01-31  
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**7G01L 5/00 7E21B 33/06**  
[25] EN  
[54] **DISPLACEMENT MEASUREMENT**  
**WITH A SPRING AND FORCE**  
**MEASUREMENT FOR ACTUATORS,**  
**BLOW-OUT PREVENTERS, VALVES**  
[54] **PROCEDE ET DISPOSITIF DE**  
**MESURE D'UN TRAJET PARCOURU**  
[72] KUNOW, PETER, DE  
[72] BIESTER, KLAUS, DE  
[71] COOPER CAMERON  
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[85] 2003-01-31  
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[51] **Int.Cl. 7H04M 15/00**  
[25] EN  
[54] **COMMUNICATION ACCOUNT**  
**SYSTEM**  
[54] **SYSTEME DE COMPTES DE**  
**COMMUNICATION**  
[72] HARGENS, MICHAEL K., US  
[72] TEMMING, JO, US  
[71] TEMMING, JO, US  
[71] SPRINT COMMUNICATIONS  
COMPANY, L.P., US  
[85] 2003-01-31  
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[13] A1  
[51] **Int.Cl. 7C23C 30/00 7C23C 4/08**  
**7F01D 5/28**  
[25] EN  
[54] **HIGH TEMPERATURE COATINGS**  
**FOR GAS TURBINES**  
[54] **REVETEMENTS A HAUTE**  
**TEMPERATURE POUR TURBINES A**  
**GAZ**  
[72] ZHENG, XIAOCI M., US  
[71] ZHENG, XIAOCI M., US  
[85] 2003-01-31  
[86] 2002-02-15 (PCT/US2002/004489)  
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[30] US (60/269,685) 2001-02-16  
[30] US (09/873,964) 2001-06-04

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[51] **Int.Cl. 7C07F 9/09 7A61P 35/00**  
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**7A61K 31/675**  
[25] EN  
[54] **COMBRETASTATIN A-3**  
**PRODRUG**  
[54] **PROMEDICAMENT DE**  
**COMBRETASTATINE A-3**  
[72] MINARDI, MATHEW, D., US  
[72] PETTIT, GEORGE R., US  
[71] ARIZONA BOARD OF REGENTS, US  
[85] 2003-01-31  
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[13] A1  
[51] **Int.Cl. 7C08J 9/14 7C08J 9/00**  
[25] EN  
[54] **EXTRUDED VINYL AROMATIC**  
**FOAM WITH 134A AND ALCOHOL AS**  
**BLOWING AGENT**  
[54] **PRODUIT MOUSSE EXTRUDE**  
**AVEC UN AGENT GONFLANT**  
**CONTENANT DU 134A ET UN ALCOOL**  
[72] CISAR, THOMAS E., US  
[72] PRINCE, KERRY J., US  
[72] MILLER, LARRY M., US  
[72] WEEKLEY, MITCHELL Z., US  
[72] BREINDEL, RAYMOND M., US  
[71] OWENS CORNING, US  
[85] 2003-01-31  
[86] 2001-05-16 (PCT/US2001/015963)  
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[30] US (09/640,951) 2000-08-17

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[13] A1  
[51] **Int.Cl. 7C07D 263/32 7C07D 413/04**  
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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**  
[72] GODFREY, ALEXANDER GLENN,  
US  
[72] XU, YANPING, US  
[72] BROOKS, DAWN ALISA, US  
[72] MCCARTHY, JAMES RAY, US  
[72] RITO, CHRISTOPHER JOHN, US  
[72] WINNEROSKI, LEONARD LARRY  
JUNIOR, US  
[72] JONES, SARAH BETH, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2003-01-31  
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[87] 2002-02-28 (WO2002/016331)  
[30] US (60/227,234) 2000-08-23

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[13] A1  
[51] **Int.Cl. 7A61F 2/16**  
[25] EN  
[54] **ACCOMMODATING**  
**INTRAOCULAR LENS WITH**  
**SUSPENSION STRUCTURE**  
[54] **ACCOMMODATION D'UNE**  
**LENTILLE INTRAOCULAIRE MUNIE**  
**D'UNE STRUCTURE DE SUSPENSION**  
[72] LANG, ALAN J., US  
[72] ZALESKI, EDWARD R., US  
[72] YAROSS, MARCIA S., US  
[71] ADVANCED MEDICAL OPTICS  
INC., US  
[85] 2003-01-31  
[86] 2001-07-25 (PCT/US2001/023508)  
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[30] US (09/631,223) 2000-08-02

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[13] A1

[51] **Int.Cl. 7A61K 31/44**  
[25] EN  
[54] **METHOD FOR REDUCING OR ELIMINATING SMOKING**  
[54] **PROCEDE PERMETTANT DE REDUIRE OU D'ELIMINER LE TABAGISME**  
[72] BURTON, STEVEN L., US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2003-01-31  
[86] 2001-08-02 (PCT/US2001/024360)  
[87] 2002-02-07 (WO2002/009709)  
[30] US (60/222,685) 2000-08-02

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[13] A1

[51] **Int.Cl. 7C07D 491/04 7A61P 35/00 7A61K 31/425**  
[25] EN  
[54] **POLYMORPHS OF AN EPOTHILONE ANALOG**  
[54] **POLYMORPHES D'UN ANALOGUE DE L'EPOTHILONE**  
[72] GUO, ZHENRONG, US  
[72] MALLOY, TIMOTHY M., US  
[72] FAVREAU, DENIS, CA  
[72] DAVIDOVICH, MARTHA, US  
[72] VITEZ, IMRE M., US  
[72] GOUGOUTAS, JACK Z., US  
[72] DIMARCO, JOHN D., US  
[72] GALELLA, MICHAEL, US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2003-01-31  
[86] 2001-08-01 (PCT/US2001/024540)  
[87] 2002-02-21 (WO2002/014323)  
[30] US (60/225,590) 2000-08-16

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[13] A1

[51] **Int.Cl. 7B29C 47/06 7F16L 11/04 7B32B 1/08 7B32B 27/08 7F16L 9/12**  
[25] EN  
[54] **PROCESS FOR PREPARING A MULTI-LAYER ARTICLE HAVING A FLUOROPLASTIC LAYER AND AN ELASTOMER LAYER**  
[54] **PROCEDE DE PREPARATION D'UN ARTICLE MULTICOUCHES POSSEDANT UNE COUCHE DE PLASTIQUE FLUORE ET UNE COUCHE D'ELASTOMERE**  
[72] FUKUSHI, TATSUO, US  
[72] WELLNER, STEVEN J., US  
[72] HOFF, CRAIG R., US  
[72] KOLB, ROBERT E., US  
[72] MOLNAR, ATTILA, US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2003-01-31  
[86] 2001-08-08 (PCT/US2001/024867)  
[87] 2002-02-28 (WO2002/016112)  
[30] US (09/644,731) 2000-08-23

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[13] A1

[51] **Int.Cl. 7G01R 33/48 7G01R 33/56**  
[25] EN  
[54] **4 DIMENSIONAL MAGNETIC RESONANCE IMAGING**  
[54] **IMAGERIE PAR RESONANCE MAGNETIQUE A 4 DIMENSIONS**  
[72] MILLS, RANDELL L., US  
[71] MILLS, RANDELL L., US  
[85] 2003-01-31  
[86] 2001-08-21 (PCT/US2001/025954)  
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[30] US (60/226,667) 2000-08-22

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[13] A1

[51] **Int.Cl. 7A61B 5/00 7G01K 7/02**  
[25] EN  
[54] **THERMOGRAPHY CATHETER WITH FLEXIBLE CIRCUIT TEMPERATURE SENSORS**  
[54] **CATHETER DE THERMOGRAPHIE DOTE DE DETECTEURS THERMIQUES DE CIRCUIT FLEXIBLE**  
[72] FJELSTAD, JOSEPH, US  
[72] HERSCHER, BRETT A., US  
[72] PERRY, MICHAEL, US  
[72] CAMPBELL, THOMAS H., US  
[72] RAHDERT, DAVID A., US  
[71] VOLCANO THERAPEUTICS, INC., US  
[85] 2003-01-31  
[86] 2001-08-24 (PCT/US2001/026454)  
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[30] US (60/227,713) 2000-08-24

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[13] A1

[51] **Int.Cl. 7D21H 21/56 7D21H 19/68 7D21H 19/74**  
[25] EN  
[54] **METHOD OF APPLYING A FOAM COMPOSITION ONTO A TISSUE**  
[54] **PROCEDE D'APPLICATION D'UNE COMPOSITION MOUSSANTE SUR DES MOUCHOIRS ET FABRICATION DE MOUCHOIRS CONTENANT CETTE MOUSSE**  
[72] GUNN, ALEXANDER F., US  
[72] SCHROEDER, WEN, US  
[72] VANDER HEIDEN, DANIEL J., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2003-01-31  
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[30] US (09/645,649) 2000-08-24

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[13] A1

[51] **Int.Cl. 7A21D 13/00**  
[25] FR  
[54] **PREPARATION ALIMENTAIRE RICHE EN PROTEINES ET HYPOCALORIQUE POUR PRODUITS DE TYPE PIZZA, ET SON PROCÉDE DE PREPARATION**  
[54] **PROTEIN-RICH, LOW-CALORIE FOOD PREPARATION FOR PIZZA-TYPE PRODUCTS AND THE PREPARATION METHOD THEREOF**  
[72] ALLOUCHE, REGINALD, FR  
[71] ALLOUCHE, REGINALD, FR  
[85] 2003-02-24  
[86] 2002-06-24 (PCT/FR2002/002180)  
[87] 2003-01-03 (WO2003/000059)  
[30] FR (01/08268) 2001-06-22

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[13] A1

[51] **Int.Cl. 7G09B 23/30**  
[25] EN  
[54] **A SURROGATE**  
[54] **SUBSTITUT**  
[72] KRSTIC, ALEXANDER, AU  
[71] THE COMMONWEALTH OF AUSTRALIA, AU  
[85] 2003-02-24  
[86] 2001-07-24 (PCT/AU2001/000897)  
[87] 2002-01-31 (WO2002/009068)  
[30] AU (PQ 8943) 2000-07-24

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[13] A1

[51] **Int.Cl. 7H01M 8/00**  
[25] EN  
[54] **PRODUCTION OF CATALYST COATED MEMBRANES**  
[54] **PRODUCTION DE MEMBRANES A REVETEMENT CATALYTIQUE**  
[72] O'BRIEN, WILLIAM GEORGE, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2003-02-24  
[86] 2001-10-26 (PCT/US2001/051385)  
[87] 2002-05-30 (WO2002/043171)  
[30] US (60/243,903) 2000-10-27

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[13] A1

[51] **Int.Cl. 7C07D 275/06 7C07D 275/02 7C07D 409/04 7C07K 5/06 7A61P 5/06 7C07D 417/12 7C07D 207/38 7A61K 31/425 7C07D 209/54**  
[25] EN  
[54] **SUBSTITUTED DIPEPTIDES AS GROWTH HORMONE SECRETAGOGUES**  
[54] **DIPEPTIDES A SUBSTITUTION EN TANT QUE SECRETAGOGUES D'HORMONE DE CROISSANCE**  
[72] MUEHL, BRIAN STEPHEN, US  
[72] RUEHTER, GERD, DE  
[72] THRASHER, KENNETH JEFF, US  
[72] JUNGHEIM, LOUIS NICKOLAUS, US  
[72] DODGE, JEFFREY ALAN, US  
[72] EVERS, BRITTA, DE  
[71] ELI LILLY AND COMPANY, US  
[85] 2003-02-24  
[86] 2001-10-09 (PCT/US2001/027756)  
[87] 2002-04-25 (WO2002/032888)  
[30] US (60/240,456) 2000-10-13

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[13] A1

[51] **Int.Cl. 7C11D 17/04 7C11D 3/00 7C11D 3/37**  
[25] EN  
[54] **LAUNDERING AID FOR PREVENTING DYE TRANSFER**  
[54] **ADDITIF DE BLANCHISSERIE DESTINE A PREVENIR LA DECOLORATION**  
[72] AOUD, YOUSEF GEORGES, US  
[72] PANANDIKER, RAJAN KESHAV, US  
[72] RANDALL, SHERRI LYNN, US  
[72] WERTZ, WILLIAM CONRAD, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2003-02-24  
[86] 2001-10-12 (PCT/US2001/042687)  
[87] 2002-04-25 (WO2002/033040)  
[30] US (60/240,320) 2000-10-13

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[13] A1

[51] **Int.Cl. 7A61K 31/00**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR TREATING SEXUAL DYSFUNCTION**  
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE DYSFONCTIONNEMENTS SEXUELS**  
[72] VAN DYKE, KNOX, US  
[72] SACKS, MEIR S., US  
[71] SACKS, MEIR S., US  
[85] 2003-02-26  
[86] 2001-08-29 (PCT/US2001/026817)  
[87] 2002-03-14 (WO2002/019999)  
[30] US (09/653,794) 2000-09-01

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[13] A1

[51] **Int.Cl. 7C07D 277/66 7A61K 49/00 7A61K 51/04 7A61P 25/28 7A61K 31/428 7G01N 33/534 7C07D 277/64**  
[25] EN  
[54] **THIOFLAVIN DERIVATIVES AND THEIR USE IN DIAGNOSIS AND THERAPY OF ALZHEIMER'S DISEASE**  
[54] **DERIVES DE THIOFLAVINE UTILISES DANS UN DIAGNOSTIC ANTEMORTEM DE LA MALADIE D'ALZHEIMER, IMAGERIE IN VIVO ET PREVENTION DU DEPOT D'AMYLOIDE**  
[72] WANG, YANMING, US  
[72] MATHIS, CHESTER A., JR., US  
[72] KLUNK, WILLIAM E., US  
[71] UNIVERSITY OF PITTSBURGH, US  
[85] 2003-02-24  
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[13] A1  
[51] **Int.Cl. 7A01N 63/04 7A01N 63/00 7A01N 37/50 7A01N 43/54 7A01N 43/653**  
[25] FR  
[54] **CONTROLE BIOLOGIQUE DE LA CONTAMINATION FONGIQUE PAR L'APPLICATION DE GEOTRICHUM CANDIDUM**  
[54] **BIOLOGICAL CONTROL OF FUNGAL CONTAMINATION BY APPLYING GEOTRICHUM CANDIDUM**  
[72] BOIVIN, PATRICK, FR  
[71] INSTITUT FRANCAIS DES BOISSONS DE LA BRASSERIE MATTERIE, FR  
[85] 2003-02-21  
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[87] 2002-03-14 (WO2002/019827)  
[30] FR (00/10815) 2000-08-22

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[13] A1  
[51] **Int.Cl. 7A61K 31/4741 7A61K 31/00 7A61P 9/00 7A61P 25/00 7A61P 37/00 7A61K 31/5517**  
[25] EN  
[54] **SGK2 AND SGK3 USED AS DIAGNOSTIC AND THERAPEUTIC TARGETS**  
[54] **SGK2 ET SGK3 EN TANT QUE CIBLES DIAGNOSTIQUES ET THERAPEUTIQUES**  
[72] COHEN, PHILIP, GB  
[72] LANG, FLORIAN, DE  
[72] FRIEDRICH, BJORN, DE  
[71] LANG, FLORIAN, DE  
[85] 2003-02-26  
[86] 2001-08-28 (PCT/EP2001/009890)  
[87] 2003-02-26 (WO2002/017893)  
[30] DE (100 42 137.7) 2000-08-28

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[21] **2,419,483**  
[13] A1  
[51] **Int.Cl. 7A61B 6/00**  
[25] EN  
[54] **METHODS AND DEVICES FOR QUANTITATIVE ANALYSIS OF X-RAY IMAGES**  
[54] **PROCEDES ET DISPOSITIFS D'ANALYSE QUANTITATIVE D'IMAGES RADIOLOGIQUES**  
[72] LANG, PHILIPP, US  
[71] OSTEONET.COM, INC., US  
[85] 2003-02-26  
[86] 2001-08-29 (PCT/US2001/026913)  
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[51] **Int.Cl. 7A61B 5/00**  
[25] EN  
[54] **MEDICAL DEVICE SYSTEMS IMPLEMENTED NETWORK SCHEME FOR REMOTE PATIENT MANAGEMENT**  
[54] **PROGRAMME DE RESEAU DE MISE EN OEUVRE DE SYSTEMES DE DISPOSITIFS MEDICAUX POUR LA GESTION DE PATIENTS A DISTANCE**  
[72] RIFF, KENNETH M., US  
[72] LINDEN, GREGORY, US  
[72] SMITH, KURT R., US  
[71] MEDTRONIC, INC., US  
[85] 2003-02-24  
[86] 2001-08-29 (PCT/US2001/027030)  
[87] 2002-03-07 (WO2002/017777)  
[30] US (60/228,961) 2000-08-29  
[30] US (60/228,697) 2000-08-29  
[30] US (60/228,696) 2000-08-29  
[30] US (60/228,674) 2000-08-29  
[30] US (60/228,686) 2000-08-29  
[30] US (60/228,685) 2000-08-29  
[30] US (60/228,645) 2000-08-29  
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[51] **Int.Cl. 7G08B 13/14 7G08B 29/08**  
[25] EN  
[54] **ANTI-THEFT ELECTRICAL POWER CORD**  
[54] **CORDON D'ALIMENTATION ELECTRIQUE ANTIVOL**  
[72] ZAACKS, MARK, CA  
[72] CHAPMAN, GLENN HARRISON, CA  
[71] CHAPMAN TECHNOLOGIES INCORPORATED, CA  
[85] 2003-01-31  
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[30] US (09/371,800) 1999-08-10

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[13] A1  
[51] **Int.Cl. 7A61B 17/70**  
[25] EN  
[54] **MOBILE DYNAMIC SYSTEM FOR TREATING SPINAL DISORDER**  
[54] **SYSTEME DYNAMIQUE MOBILE POUR LE TRAITEMENT DE TROUBLES RACHIDIENS**  
[72] DUJOVNE, ARIEL R., CA  
[72] RIVARD, CHARLES-HILAIRE, CA  
[71] HSPITAL SAINTE-JUSTINE, CA  
[85] 2003-02-24  
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[87] 2002-03-07 (WO2002/017803)  
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[13] A1  
[51] **Int.Cl. 7E01C 9/00 7B64F 1/00 7A01M 29/00**  
[25] EN  
[54] **ARTIFICIAL GRASS FOR LANDSCAPING**  
[54] **HERBE ARTIFICIELLE POUR L'AMENAGEMENT DU PAYSAGE**  
[72] PREVOST, JEAN, CA  
[71] FIELDTURF INC., CA  
[85] 2003-02-24  
[86] 2001-09-05 (PCT/CA2001/001275)  
[87] 2002-03-14 (WO2002/020903)  
[30] US (60/229,601) 2000-09-05  
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[51] **Int.Cl. 7C03C 14/00 7C03C 8/14**  
[25] EN  
[54] **GLASS CERAMIC MASS AND USE THEREOF**  
[54] **COMPOSITE A MATRICE VITROCERAMIQUE ET SON UTILISATION**  
[72] MODES, CHRISTINA, DE  
[72] DERNOVSEK, OLIVER, DE  
[72] PREU, GABRIELE, DE  
[72] EBERSTEIN, MARKUS, DE  
[72] GEMEINERT, MARION, DE  
[72] SCHILLER, WOLFGANG ARNO, DE  
[72] FRITZ, ULRICH, DE  
[72] WERSING, WOLFRAM, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[71] W.C. HERAEUS GMBH & CO. KG, DE  
[71] BUNDESANSTALT FUR MATERIALFORSCHUNG UND-PRUFUNG (BAM), DE  
[85] 2003-02-27  
[86] 2001-08-31 (PCT/DE2001/003340)  
[87] 2003-02-27 (WO2002/032824)  
[30] DE (100 43 196.8) 2000-09-01

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[13] A1

[51] **Int.Cl. 7A61K 47/12 7A61P 5/24 7A61K 47/32**  
[25] EN  
[54] **METHOD OF INCREASING TESTOSTERONE AND RELATED STEROID CONCENTRATIONS IN WOMEN**  
[54] **PROCEDE POUR AUGMENTER LA CONCENTRATION DE TESTOSTERONE ET DE STEROIDES APPARENTES CHEZ LA FEMME**  
[72] DUDLEY, ROBERT E., US  
[71] UNIMED PHARMACEUTICALS, INC., US  
[85] 2003-02-27  
[86] 2001-08-29 (PCT/US2001/027199)  
[87] 2002-03-07 (WO2002/017967)  
[30] US (09/651,777) 2000-08-30  
[30] US (09/703,753) 2000-11-01  
[30] US (60/292,398) 2001-05-21

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[13] A1

[51] **Int.Cl. 7C07D 211/44 7A61P 3/06 7C07D 401/12 7C07D 417/12 7C07D 211/22 7C07D 211/26 7A61K 31/445**  
[25] EN  
[54] **PIPERIDINE DERIVATIVES FOR USE 2,3-OXIDOSQUALENE-LANOSTEROL CYCLASE INHIBITORS**  
[54] **NOUVEAUX DERIVES DE PIPERIDINE**  
[72] CHUCHOLOWSKI, ALEXANDER, US  
[72] MORAND, OLIVIER, FR  
[72] DEHMLow, HENRIETTA, DE  
[72] WELLER, THOMAS, CH  
[72] ACKERMANN, JEAN, CH  
[72] AEBI, JOHANNES, CH  
[72] WALLABAUM, SABINE, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2003-02-26  
[86] 2001-08-29 (PCT/EP2001/009941)  
[87] 2002-03-14 (WO2002/020483)  
[30] EP (00119677.3) 2000-09-08

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[13] A1

[51] **Int.Cl. 7A61M 1/10**  
[25] EN  
[54] **ORTHOTOPIC TOTAL ARTIFICIAL HEART**  
[54] **COEUR ARTIFICIEL TOTAL ORTHOTOPIQUE**  
[72] GIAMBRUNO MARONO, JUAN MANUEL, UY  
[71] GIAMBRUNO MARONO, JUAN MANUEL, UY  
[85] 2003-01-31  
[86] 2000-08-03 (PCT/ES2000/000302)  
[87] 2003-01-31 (WO2001/008721)  
[30] UY (P 25.640) 1999-08-03  
[30] UY (P 25.852) 1999-12-14  
[30] US (09/497,683) 2000-02-04

[21] **2,419,595**  
[13] A1

[51] **Int.Cl. 7C25D 3/00**  
[25] EN  
[54] **COPPER BATH AND METHOD OF DEPOSITING A MATT COPPER COATING**  
[54] **BAIN DE CUIVRE ET PROCEDE DE DEPOT D'UN REVETEMENT DE CUIVRE MAT**  
[72] URRUTIA DESMAISON, GONZALO, DE  
[72] KRETSCHMER, STEFAN, DE  
[72] SENGE, GERD, DE  
[72] ROSS, THORSTEN, DE  
[72] KUSSNER, TORSTEN, DE  
[71] ATOTECH DEUTSCHLAND GMBH, DE  
[85] 2003-02-26  
[86] 2001-10-10 (PCT/EP2001/011734)  
[87] 2002-04-25 (WO2002/033153)  
[30] DE (100 52 987.9) 2000-10-19  
[30] DE (100 58 896.4) 2000-11-22

[21] **2,419,599**  
[13] A1

[51] **Int.Cl. 7C05F 11/08 7C12N 13/00 7C12N 1/16 7C12N 1/18**  
[25] EN  
[54] **A BIOLOGICAL FERTILIZER BASED ON YEASTS**  
[54] **ENGRAIS BIOLOGIQUE A BASE DE LEVURES**  
[72] ZHANG, LINGYU, US  
[71] ULTRA BIOTECH LIMITED, GB  
[85] 2003-02-27  
[86] 2000-09-05 (PCT/GB2000/003399)  
[87] 2002-03-14 (WO2002/020431)

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[13] A1

[51] **Int.Cl. 7A61K 31/49 7A61P 1/00 7A61P 19/00 7A61P 11/06 7A61P 17/06 7A61P 11/08**  
[25] EN  
[54] **THE TREATMENT OF INFLAMMATORY DISORDERS**  
[54] **TRAITEMENT DE TROUBLES INFLAMMATOIRES**  
[72] BANNISTER, ROBIN MARK, GB  
[72] ROTHHAUL, ALAN, GB  
[72] SKEAD, BENJAMIN MARK, GB  
[71] ARAKIS LTD., GB  
[85] 2003-02-26  
[86] 2001-08-31 (PCT/GB2001/003924)  
[87] 2002-03-14 (WO2002/019994)  
[30] GB (0021776.0) 2000-09-05

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[13] A1

[51] **Int.Cl. 7C12P 19/34 7C12Q 1/68**  
[25] EN  
[54] **METHODS FOR REDUCING COMPLEXITY OF NUCLEIC ACID SAMPLES**  
[54] **METHODES PERMETTANT DE REDUIRE LA COMPLEXITE D'ECHANTILLONS D'ACIDES NUCLEIQUES**  
[72] PATIL, NILA, US  
[72] COX, DAVID, US  
[71] PERLEGEN SCIENCES, INC., US  
[85] 2003-02-12  
[86] 2001-08-24 (PCT/US2001/026464)  
[87] 2002-03-07 (WO2002/018615)  
[30] US (60/228,251) 2000-08-26  
[30] US (09/768,936) 2001-01-23

[21] **2,419,621**  
[13] A1

[51] **Int.Cl. 7C08G 63/00 7C08G 63/02**  
[25] EN  
[54] **COPOLYESTER WITH HIGH CARBOXYL END GROUPS AND A METHOD FOR MAKING**  
[54] **COPOLYESTER A GROUPES TERMINAUX HAUTEMENT CARBOXYLES (CEG) ET UN PROCEDE DE PREPARATION ASSOCIE**  
[72] HUANG, XIAOYAN, US  
[71] ARTEVA TECHNOLOGIES S.A.R.L., CH  
[85] 2003-02-24  
[86] 2001-06-20 (PCT/US2001/019610)  
[87] 2002-06-13 (WO2002/046265)  
[30] US (09/731,414) 2000-12-06

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[13] A1

[51] **Int.Cl. 7G02B 27/22 7H04N 13/00 7G09F 19/12**  
[25] EN  
[54] **INTERACTIVE THREE DIMENSIONAL DISPLAY WITH LAYERED SCREENS**  
[54] **DISPOSITIF D'AFFICHAGE TRIDIMENSIONNEL INTERACTIF DOTE D'ECRANS EN COUCHES**  
[72] WITEHIRA, PITA, NZ  
[72] ENGEL, GABRIEL DAMON, NZ  
[71] DEEP VIDEO IMAGING LIMITED, NZ  
[85] 2003-01-31  
[86] 2000-08-01 (PCT/NZ2000/000143)  
[87] 2001-02-08 (WO2001/009664)  
[30] NZ (336212) 1999-08-01

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[13] A1

[51] **Int.Cl. 7B01D 53/52 7C01B 17/04 7B01D 53/86**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR RECOVERING SULPHUR FROM A GAS STREAM CONTAINING HYDROGEN SULPHIDE**  
[54] **PROCEDE ET APPAREIL DE RECUPERATION DE SOUFRE A PARTIR D'UN COURANT DE GAZ CONTENANT DU SULFURE D'HYDROGENE**  
[72] WATSON, RICHARD WILLIAM, GB  
[72] GRAVILLE, STEPHEN RHYS, GB  
[71] THE BOC GROUP PLC, GB  
[85] 2003-02-27  
[86] 2001-09-04 (PCT/GB2001/003950)  
[87] 2002-03-14 (WO2002/020138)  
[30] GB (0022011.1) 2000-09-07  
[30] GB (0022228.1) 2000-09-11

[21] **2,419,628**  
[13] A1

[51] **Int.Cl. 7B01D 53/52 7C01B 17/04**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR RECOVERING SULPHUR FROM A GAS STREAM CONTAINING SULPHIDE**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE RECUPERER DE SOUFRE A PARTIR D'UN COURANT GAZEUX RENFERMANT DU SULFURE D'HYDROGENE**  
[72] WATSON, RICHARD WILLIAM, GB  
[72] GRAVILLE, STEPHEN RHYS, GB  
[71] THE BOC GROUP PLC, GB  
[85] 2003-02-27  
[86] 2001-09-04 (PCT/GB2001/003966)  
[87] 2002-09-14 (WO2002/020139)  
[30] GB (0022012.9) 2000-09-07  
[30] GB (0022230.7) 2000-09-11

[21] **2,419,666**  
[13] A1

[51] **Int.Cl. 7A61K 31/426 7A61P 1/00**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS CONTAINING AMINOTHIAZOLE DERIVATIVES FOR THE TREATMENT OF COLONIC MOTOR DYSFUNCTIONS**  
[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DES DERIVES D'AMINOTHIAZOLE POUR LE TRAITEMENT DES DYSFONCTIONNEMENTS MOTEURS DU COLON**  
[72] MURATA, MASAKAZU, JP  
[72] UEKI, SHIGERU, JP  
[72] NAGASAWA, MASAOKI, JP  
[72] NISHIOKA, HIROYASU, JP  
[72] HORI, YUKO, JP  
[72] MATSUNAGA, YUGO, JP  
[71] ZERIA PHARMACEUTICAL CO., LTD., JP  
[85] 2003-02-26  
[86] 2001-05-10 (PCT/JP2001/003893)  
[87] 2003-02-26 (WO2002/020010)  
[30] JP (2000-273025) 2000-09-08

[21] **2,419,706**  
[13] A1

[51] **Int.Cl. 7E06B 3/964**  
[25] EN  
[54] **DOOR RAIL SYSTEM**  
[54] **SYSTEME DE RAIL POUR PORTE**  
[72] SPRAGUE, GARY, US  
[71] C.R. LAURENCE COMPANY, INC., US  
[85] 2003-01-31  
[86] 2000-12-13 (PCT/US2000/033769)  
[87] 2002-02-07 (WO2002/010544)  
[30] US (09/631,148) 2000-08-02

[21] **2,419,713**  
[13] A1

[51] **Int.Cl. 7F04B 49/00**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR COMPRESSING A FLUID**  
[54] **APPAREILLAGE POUR COMPRESSION DE FLUIDE ET PROCEDE CORRESPONDANT**  
[72] BARDON, PATRICE C., FR  
[71] DRESSER-RAND COMPANY, US  
[85] 2003-01-31  
[86] 2000-12-18 (PCT/US2000/034328)  
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[30] US (60/222,864) 2000-08-04  
[30] US (09/711,628) 2000-11-13

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[13] A1

[51] **Int.Cl. 7B65D 65/14 7C09J 7/02**  
[25] EN  
[54] **ADHESIVE WRAP FILM**  
[54] **FILM D'EMBALLAGE ADHESIF**  
[72] ITADA, MITSUYOSHI, JP  
[72] TAKAHASHI, REIKO, JP  
[71] ASAHI KASEI KABUSHIKI KAISHA, JP  
[85] 2003-02-24  
[86] 2001-09-03 (PCT/JP2001/007611)  
[87] 2003-02-24 (WO2002/020366)  
[30] JP (2000-267615) 2000-09-04

[21] **2,419,744**  
[13] A1

[51] **Int.Cl. 7C07C 259/06 7A61P 9/00 7A61P 11/00 7A61P 15/00 7A61P 29/00 7A61P 35/00 7A61P 43/00 7A61P 1/02 7A61P 19/02 7A61P 27/02 7A61P 35/04 7A61P 37/06 7A61P 9/10 7A61P 19/10 7A61P 13/12 7A61P 1/16 7A61K 31/166**  
[25] EN  
[54] **A NOVEL CRYSTAL OF N-HYDROXY-2(S)-METHYL-5-ETHOXYMETHOXY-4(S)-[N-(4-PHENOXYPHENYL CARBONYL)AMINO]PENTANAMIDE AND A METHOD FOR THE PREPARATION THEREOF AND A PHARMACEUTICAL AGENT COMPRISING THE SAME AS ACTIVE INGREDIENT**  
[54] **NOUVEAUX CRISTAUX DE N-HYDROXY-2(S)-METHYL-5-ETHOXYMETHOXY-4(S)-[N-(4-PHENOXYPHENYL CARBONYL)AMINO]PENTANAMIDE, LEUR PROCEDE DE PRODUCTION ET MEDICAMENTS CONTENANT CES CRISTAUX EN TANT QUE SUBSTANCE ACTIVE**  
[72] OKAMOTO, MASAKI, JP  
[72] OKUYAMA, SHIGEHIRO, JP  
[71] ONO PHARMACEUTICAL CO., LTD., JP  
[85] 2003-02-26  
[86] 2001-09-07 (PCT/JP2001/007775)  
[87] 2003-02-26 (WO2002/020467)  
[30] JP (2000-273445) 2000-09-08

[21] **2,419,772**  
[13] A1

[51] **Int.Cl. 7D06F 39/02 7A47L 15/44**  
[25] EN  
[54] **A SMART DOSING DEVICE**  
[54] **DISPOSITIF DE DOSAGE INTELLIGENT**  
[72] VANDECAPPELLE, PEDRO VINCENT, BE  
[72] VAN DEN WOUWER, CHRIS, BE  
[72] VARLET, JEAN-LUC ANDRE PATRICK, BE  
[72] OWENS, GROVER DAVID, US  
[72] VAN ROMPUY, TANYA CECILE CORNEEL, BE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2003-02-24  
[86] 2000-10-04 (PCT/US2000/027322)  
[87] 2002-04-11 (WO2002/029150)

[21] **2,419,777**  
[13] A1

[51] **Int.Cl. 7C07C 211/30 7A61K 31/135 7A61P 25/28 7A61K 31/343 7A61K 31/381 7A61K 31/445 7A61K 31/46 7A61K 31/47 7C07D 333/54 7C07C 217/56 7C07D 333/56 7C07D 333/58 7C07D 307/79 7C07D 307/80 7C07D 307/81**  
[25] EN  
[54] **PHARMACEUTICAL COMPOUNDS**  
[54] **COMPOSES PHARMACEUTIQUES**  
[72] VIVIEN, VINCENT, FR  
[72] ROCCO, VINCENT PATRICK, US  
[72] KEENAN, MARTINE, GB  
[72] TAKEUCHI, KUMIKO, US  
[72] TUPPER, DAVID EDWARD, GB  
[71] ELI LILLY AND COMPANY, US  
[85] 2003-02-24  
[86] 2001-09-21 (PCT/US2001/027725)  
[87] 2002-04-11 (WO2002/028815)  
[30] GB (0024318.8) 2000-10-04

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[13] A1

[51] **Int.Cl. 7F01M 1/06 7F01M 9/10**  
[25] EN  
[54] **CAMSHAFT LUBRICATION SYSTEM**  
[54] **SYSTEME DE LUBRIFICATION POUR ARBRE A CAMES**  
[72] EHRESMAN, THOMAS E., US  
[72] SEADER, MARK E., US  
[71] FIREWALL FORWARD TECHNOLOGIES, LLC, US  
[85] 2003-02-27  
[86] 2001-07-31 (PCT/US2001/023977)  
[87] 2002-02-07 (WO2002/010559)  
[30] US (60/222,277) 2000-07-31

[21] **2,419,792**  
[13] A1

[51] **Int.Cl. 7B67D 5/33 7A47K 5/12**  
[25] EN  
[54] **AN IMPROVED SYSTEM FOR FITTING A CONTAINER TO A DISTRIBUTION DEVICE**  
[54] **SYSTEME PERFECTIONNE D'AJUSTEMENT D'UN CONTENANT DANS UN DISPOSITIF DISTRIBUTEUR**  
[72] VAN LIERDE, CARLOS GUSTAAF ARTHUR, BE  
[72] BOYD, GRAHAM JOHN, BE  
[72] VERHERBRUGGHEN, HEDWIGE CLARA THEOPHIEL, BE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2003-02-24  
[86] 2001-09-26 (PCT/US2001/030072)  
[87] 2002-04-11 (WO2002/028764)  
[30] EP (00870222.7) 2000-10-04

[21] **2,419,853**  
[13] A1

[51] **Int.Cl. 7H04L 12/00**  
[25] EN  
[54] **LOCATION-INDEPENDENT PACKET ROUTING AND SECURE ACCESS IN A SHORT-RANGE WIRELESS NETWORKING ENVIRONMENT**  
[54] **ACHEMINEMENT PAR PAQUETS INDEPENDANT DE LA POSITION ET ACCES SECURISE DANS UN ENVIRONNEMENT RESEAU SANS FIL A COURTE PORTEE**  
[72] SINGHAL, SANDEEP KISHAN, US  
[72] NEVES, RICHARD KENT, US  
[72] ANAND, RANGACHARI, US  
[72] GOPAL, AJEI SARAT, US  
[72] PARK, YOONHO, US  
[71] REEFEDGE, INC., US  
[85] 2003-02-25  
[86] 2001-08-27 (PCT/US2001/026520)  
[87] 2002-03-14 (WO2002/021768)  
[30] US (09/657,745) 2000-09-08

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[13] A1

[51] **Int.Cl. 7A61K 45/00**  
[25] EN  
[54] **STIMULATING NEUTROPHIL FUNCTION TO TREAT INFLAMMATORY BOWEL DISEASE**  
[54] **STIMULATION DE LA FONCTION NEUTROPHILE POUR TRAITER LES TROUBLES INTESTINAUX INFLAMMATOIRES**  
[72] KORZENIK, JOSHUA, US  
[72] DIECKGRAEFE, BRIAN K., US  
[71] THE WASHINGTON UNIVERSITY, US  
[85] 2003-02-28  
[86] 2001-08-09 (PCT/US2001/024857)  
[87] 2002-02-21 (WO2002/013866)  
[30] US (09/637,062) 2000-08-11

[21] **2,419,865**  
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 12/28**  
[25] EN  
[54] **PROVIDING SECURE NETWORK ACCESS FOR SHORT-RANGE WIRELESS COMPUTING DEVICES**  
[54] **ACCES RESEAU SECURISE POUR DISPOSITIFS INFORMATIQUES SANS FIL A COURT RAYON D'ACTION**  
[72] GOPAL, AJEI SARAT, US  
[72] SINGHAL, SANDEEP KISHAN, US  
[71] REEFEDGE, INC., US  
[85] 2003-02-25  
[86] 2001-08-27 (PCT/US2001/026659)  
[87] 2002-03-14 (WO2002/021803)  
[30] US (09/657,745) 2000-09-08  
[30] US (09/866,297) 2001-05-25

[21] **2,419,870**  
[13] A1

[51] **Int.Cl. 7C07K 5/065 7A61P 35/00 7A61K 38/05 7A61K 38/06 7C07K 5/087 7C07C 211/30 7C07F 9/40 7G01N 33/68**  
[25] EN  
[54] **SH2 DOMAIN BINDING INHIBITORS**  
[54] **INHIBITEURS DE LIAISON AU DOMAINE SH2**  
[72] VOIGT, JOHANNES H., US  
[72] GAO, YANG, US  
[72] WEI, CHANG-QING, US  
[72] BURKE, TERRENCE R., JR., US  
[71] THE GOVERNMENT OF THE UNITED STATES, REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US  
[85] 2003-02-17  
[86] 2001-08-22 (PCT/US2001/026078)  
[87] 2002-02-28 (WO2002/016407)  
[30] US (60/226,671) 2000-08-22

[21] **2,419,889**  
[13] A1

[51] **Int.Cl. 7C07K 16/00 7A23J 1/00 7C07K 1/14**  
[25] EN  
[54] **PURIFICATION PROCESS**  
[54] **PROCEDE DE PURIFICATION**  
[72] LEE, STEVEN S., US  
[72] CHANDLER, MARTIN A., US  
[72] ROUSH, DAVID J., US  
[72] GOKLEN, KENT E., US  
[71] MERCK & CO., INC., US  
[85] 2003-02-24  
[86] 2001-08-28 (PCT/US2001/026782)  
[87] 2002-03-14 (WO2002/020618)  
[30] US (60/229,903) 2000-09-01

[21] **2,419,895**  
[13] A1

[51] **Int.Cl. 7G06F 11/30 7G21C 17/00 7G06F 15/00**  
[25] EN  
[54] **CONTROLLER AREA NETWORK DIAGNOSTIC INSTRUMENT**  
[54] **INSTRUMENT DIAGNOSTIQUE DE RESEAU DE ZONE DE CONTROLEUR**  
[72] GUMBEL, MATTHEW J., US  
[71] INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC, US  
[85] 2003-02-25  
[86] 2001-08-28 (PCT/US2001/026783)  
[87] 2002-03-14 (WO2002/021277)  
[30] US (60/229,770) 2000-09-01

[21] **2,419,898**  
[13] A1

[51] **Int.Cl. 7C02F 9/00 7C02F 1/44 7C02F 1/461**  
[25] EN  
[54] **UNDER THE COUNTER WATER TREATMENT SYSTEM**  
[54] **SYSTEME DE TRAITEMENT D'EAU PLACE SOUS LE COMPTEUR**  
[72] SUCEVICH, VAUGHN A., SR., US  
[72] JOHNSON, TROY T., US  
[72] SCHORZMAN, SCOTT A., US  
[72] OROLIN, JOHN J., US  
[71] H2O TECHNOLOGIES, LTD., US  
[85] 2003-02-28  
[86] 2001-08-09 (PCT/US2001/025131)  
[87] 2002-02-21 (WO2002/014228)  
[30] US (09/637,955) 2000-08-11

[21] **2,419,935**  
[13] A1

[51] **Int.Cl. 7A01N 1/00 7C12Q 3/00 7A01N 1/02 7A01N 43/04 7A61K 31/70**  
[25] EN  
[54] **COLLAGEN/POLYSACCHARIDE BILAYER MATRIX**  
[54] **MATRICE DOUBLE COUCHE A BASE DE COLLAGENE/ POLYSACCHARIDE**  
[72] SPIRO, ROBERT C., US  
[72] LIU, LIN SHU, US  
[71] ORQUEST, INC., US  
[85] 2003-02-25  
[86] 2001-08-10 (PCT/US2001/025017)  
[87] 2002-03-07 (WO2002/017713)  
[30] US (09/652,604) 2000-08-30

[21] **2,419,940**  
[13] A1

[51] **Int.Cl. 7G07D 3/16 7G07D 9/00**  
[25] EN  
[54] **METHOD OF COIN DETECTION AND BAG STOPPING FOR A COIN SORTER**  
[54] **PROCEDE DE DETECTION DE MONNAIE ET ARRET DE REMPLISSAGE POUR TRIEUSE DE MONNAIE**  
[72] GRAJEWSKI, JOHN P., US  
[72] KRESSIN, JOHN A., US  
[72] MURPHY, THOMAS S., US  
[72] FREDERICK, ROBERT F., US  
[72] ZWIEG, ROBERT L., US  
[72] STIEBER, JOHN R., US  
[71] DE LA RUE CASH SYSTEMS INC., US  
[85] 2003-02-25  
[86] 2001-08-31 (PCT/US2001/027293)  
[87] 2002-03-14 (WO2002/021459)  
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[13] A1  
[51] **Int.Cl. 7G07D 7/12 7G07D 3/00 7G07D 9/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR DETECTION OF COIN DENOMINATION AND OTHER PARAMETERS**  
[54] **PROCEDES ET APPAREIL DESTINE A DETERMINER LE TYPE DE PIECES ET A DETECTER D'AUTRES PARAMETRES**  
[72] ADAMS, THOMAS P., US  
[72] ZWIEG, ROBERT L., US  
[72] MULLER, KLAUS, DE  
[72] GRAJEWSKI, JOHN P., US  
[72] BRANDLE, DANIEL, CH  
[71] DE LA RUE CASH SYSTEMS INC., US  
[85] 2003-02-25  
[86] 2001-09-04 (PCT/US2001/027369)  
[87] 2002-03-14 (WO2002/021461)  
[30] US (60/230,577) 2000-09-05

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[21] **2,419,953**  
[13] A1  
[51] **Int.Cl. 7E21B 21/06 7C09K 7/06**  
[25] EN  
[54] **USE OF WATER SOLUBLE DEMULSIFIERS IN SEPARATING HYDROCARBON OILS FROM CLAYS**  
[54] **UTILISATION DE DESEMULSIONNEURS HYDROSOLUBLES PERMETTANT DE SEPARER DES HUILES D'HYDROCARBURES ET DES ARGILES**  
[72] HAAS, ALVIN E., US  
[72] CAREY, JEFFREY M., US  
[72] MANKA, JOHN S., US  
[72] KEIR, THOMAS M., US  
[71] THE LUBRIZOL CORPORATION, US  
[85] 2003-02-25  
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[87] 2002-03-14 (WO2002/020691)  
[30] US (60/230,113) 2000-09-05

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[13] A1  
[51] **Int.Cl. 7B01J 31/22 7C07F 17/00 7C08F 10/00 7B01J 31/14**  
[25] EN  
[54] **STABLE CATALYSTS AND CO-CATALYST COMPOSITIONS FORMED FROM HYDROXYALUMINOXANE AND THEIR USE**  
[54] **COMPOSITIONS DE CATALYSEURS ET DE COCATALYSEURS STABLES FORMEES A PARTIR D'HYDROXYALUMINOXANE AINSI QUE LEUR UTILISATION**  
[72] BAUCH, CHRISTOPHER G., US  
[72] WU, FENG-JUNG, US  
[72] STRICKLER, JAMIE R., US  
[72] SIMERAL, LARRY S., US  
[71] ALBEMARLE CORPORATION, US  
[85] 2003-02-27  
[86] 2001-09-05 (PCT/US2001/027449)  
[87] 2002-03-14 (WO2002/020156)  
[30] US (09/655,218) 2000-09-05

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[13] A1  
[51] **Int.Cl. 7C07D 209/42 7C07D 401/12 7A61K 31/404 7A61K 31/416 7A61K 31/4439 7C07D 231/56**  
[25] EN  
[54] **SUBSTITUTED FUSED PYRROLEIMINES AND PYRAZOLEIMINES**  
[54] **PYRROLE-IMINES ET PYRAZOLE-IMINES FUSIONNEES ET SUBSTITUEES**  
[72] MAYNARD, GEORGE, US  
[72] XIE, LINGHONG, US  
[72] RACHWAL, STANISLAW, US  
[71] NEUROGEN CORPORATION, US  
[85] 2003-02-27  
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[87] 2002-03-14 (WO2002/020480)  
[30] US (60/230,498) 2000-09-06

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[13] A1  
[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **CUSTOMIZING CONTENT PROVIDED BY A SERVICE**  
[54] **PERSONNALISATION DU CONTENU FOURNI PAR UN SERVICE**  
[72] CHRISTFORT, JACOB, US  
[72] CHONE, JEREMY, US  
[71] ORACLE INTERNATIONAL CORPORATION, US  
[85] 2003-02-26  
[86] 2001-09-06 (PCT/US2001/028157)  
[87] 2002-03-14 (WO2002/021338)  
[30] US (60/230,489) 2000-09-06  
[30] US (09/948,057) 2001-09-05

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[13] A1  
[51] **Int.Cl. 7B23B 47/28 7B23B 31/107 7B23B 51/12**  
[25] EN  
[54] **INSTALLATION JIG FOR LOCKSETS**  
[54] **GABARIT D'INSTALLATION POUR SERRURES COMPLETES**  
[72] MONGE, VALERY, US  
[71] NEWFREY LLC, US  
[85] 2003-02-24  
[86] 2001-09-07 (PCT/US2001/028041)  
[87] 2002-03-14 (WO2002/020204)  
[30] US (09/656,957) 2000-09-07

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[13] A1

[51] **Int.Cl. 7C07C 251/08 7A61P 19/02 7A61K 31/201 7C07C 271/22 7C07C 229/30 7C07C 255/30 7C07D 209/48**  
[25] EN  
[54] **2-AMINO-2-ALKYL-4 HEXENOIC AND HEXENOIC ACID DERIVATIVES USEFUL AS NITRIC OXIDE SYNTHASE INHIBITORS**  
[54] **DERIVES DES ACIDES HEXENOIQUE ET HEXENOIQUE 2-AMINO-2-ALKYL-4 INHIBITEURS DE LA SYNTHASE DE L'OXYDE NITRIQUE**  
[72] AWASTHI, ALOK K., US  
[72] SIKORSKI, JAMES, US  
[72] MOORMAN, ALAN E., US  
[72] DURLLEY, RICHARD C., US  
[72] HANSEN, DONALD JR., US  
[72] PROMO, MICHELLE A., US  
[72] WEBBER, RONALD KEITH, US  
[72] PITZELE, BARNETT S., US  
[71] PHARMACIA CORPORATION, US  
[85] 2003-02-25  
[86] 2001-09-15 (PCT/US2001/028733)  
[87] 2002-03-21 (WO2002/022559)  
[30] US (60/232,680) 2000-09-15

[21] **2,420,008**  
[13] A1

[51] **Int.Cl. 7G06F 11/32**  
[25] EN  
[54] **PANIC MESSAGE ANALYZER**  
[54] **ANALYSEUR DE MESSAGES DE PANIQUE**  
[72] BAGG, RODERICK E., US  
[71] NETWORK APPLIANCE, INC., US  
[85] 2003-02-25  
[86] 2001-09-10 (PCT/US2001/029049)  
[87] 2002-03-14 (WO2002/021281)  
[30] US (09/658,208) 2000-09-08

[21] **2,420,017**  
[13] A1

[51] **Int.Cl. 7G06F 17/00**  
[25] EN  
[54] **DEVELOPING APPLICATIONS ONLINE**  
[54] **DEVELOPPEMENT D'APPLICATIONS EN LIGNE**  
[72] CHONE, JEREMY, US  
[72] CHRISTFORT, JACOB, US  
[71] ORACLE INTERNATIONAL CORPORATION, US  
[85] 2003-02-26  
[86] 2001-09-06 (PCT/US2001/042066)  
[87] 2002-03-14 (WO2002/021322)  
[30] US (60/230,489) 2000-09-06  
[30] US (09/948,056) 2001-09-05

[21] **2,420,018**  
[13] A1

[51] **Int.Cl. 7A45F 5/00 7A45F 3/16**  
[25] EN  
[54] **HYDRATION POUCH WITH INTEGRAL THERMAL MEDIUM**  
[54] **POCHE D'HYDRATATION AVEC MILIEU THERMIQUE INTEGRE**  
[72] SKILLERN, JEFF, US  
[71] SKILLERN, JEFF, US  
[85] 2003-02-27  
[86] 2001-08-31 (PCT/US2001/027285)  
[87] 2002-03-07 (WO2002/017745)  
[30] US (09/653,816) 2000-09-01

[21] **2,420,021**  
[13] A1

[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **PROVIDING CONTENT FROM MULTIPLE SERVICES**  
[54] **FOURNITURE DE CONTENU PROVENANT DE SERVICES MULTIPLES A DES CLIENTS**  
[72] CHRISTFORT, JACOB, US  
[72] CHONE, JEREMY, US  
[71] ORACLE INTERNATIONAL CORPORATION, US  
[85] 2003-02-26  
[86] 2001-09-06 (PCT/US2001/042067)  
[87] 2002-03-14 (WO2002/021342)  
[30] US (60/230,489) 2000-09-06  
[30] US (09/947,910) 2001-09-05

[21] **2,420,023**  
[13] A1

[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **ACCESSING DATA STORED AT AN INTERMEDIARY FROM A SERVICE**  
[54] **ACCES, DEPUIS UN SERVICE, A DES DONNEES CONSERVEES EN MEMOIRE AU NIVEAU D'UNE FONCTION INTERMEDIAIRE**  
[72] CHRISTFORT, JACOB, US  
[72] CHONE, JEREMY, US  
[71] ORACLE INTERNATIONAL CORPORATION, US  
[85] 2003-02-26  
[86] 2001-09-06 (PCT/US2001/042068)  
[87] 2002-03-14 (WO2002/021343)  
[30] US (60/230,489) 2000-09-06  
[30] US (09/948,135) 2001-09-05

[21] **2,420,026**  
[13] A1

[51] **Int.Cl. 7A61K 31/59 7C07C 401/00**  
[25] EN  
[54] **1ALPHA-HYDROXY-2-METHYLENE-19-NOR-HOMOPREGNACALCIFEROL AND ITS THERAPEUTIC APPLICATIONS**  
[54] **1ALPHA-HYDROXY-2-METHYLENE-19-NOR-HOMOPREGNACALCIFEROL ET SES APPLICATIONS THERAPEUTIQUES**  
[72] SICINSKI, RAFAL R., PL  
[72] GOWLUGARI, SUMITHRA, US  
[72] DELUCA, HECTOR F., US  
[72] PLUM, LORI A., US  
[72] CLAGETT-DAME, MARGARET, US  
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US  
[85] 2003-02-28  
[86] 2001-06-11 (PCT/US2001/018710)  
[87] 2002-03-14 (WO2002/020021)  
[30] US (09/657,828) 2000-09-08

[21] **2,420,031**  
[13] A1

[51] **Int.Cl. 7B29C 37/00 7B29D 17/00 7C09K 19/00 7B29C 59/02**  
[25] EN  
[54] **FINE FEATURED MOLDINGS OF LIQUID CRYSTALLINE POLYMERS**  
[54] **PIECES MOULEES A MOTIFS FINS CONSTITUEES DE POLYMERES A CRISTAUX LIQUIDES**  
[72] KING, RANDAL D., US  
[72] TASSI, NANCY G., US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2003-02-24  
[86] 2001-10-16 (PCT/US2001/042745)  
[87] 2002-04-25 (WO2002/034017)  
[30] US (60/240,996) 2000-10-17

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[21] **2,420,045**  
[13] A1

[51] **Int.Cl. 7C07K 5/00**  
[25] EN  
[54] **MELANOCORTIN RECEPTOR LIGANDS**  
[54] **LIGANDS DE RECEPTEURS DE LA MELANOCORTINE**  
[72] EBETINO, FRANK HALLOCK, US  
[72] LIN, QISHEN, US  
[72] MAZUR, ADAM W., US  
[72] HAYES, JEFFREY CHARLES, US  
[72] WANG, FENG, US  
[72] SOLINSKY, MARK GREGORY, US  
[72] COLSON, ANNY-ODILE, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2003-02-21  
[86] 2001-09-26 (PCT/US2001/030051)  
[87] 2002-04-04 (WO2002/026774)  
[30] US (60/235,858) 2000-09-27

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[13] A1

[51] **Int.Cl. 7A61K 45/00 7A61P 43/00 7A61P 7/02 7A61P 9/10 7A61K 31/41 7A61K 31/4184 7A61K 31/42**  
[25] EN  
[54] **FIBRINOGEN LOWERING AGENTS**  
[54] **AGENTS DE REDUCTION DU FIBRINOGENE**  
[72] IMURA, YOSHIMI, JP  
[72] HIRAKATA, MASAO, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2003-01-31  
[86] 2001-08-24 (PCT/JP2001/007239)  
[87] 2003-01-31 (WO2002/015935)  
[30] JP (2000-260881) 2000-08-25

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[13] A1

[51] **Int.Cl. 7C07K 7/08 7A61P 37/08 7A61K 47/48 7C07K 14/705**  
[25] EN  
[54] **VACCINE IMMUNOGENS COMPRISING DISULPHIDE BRIDGED CYCLISED PEPTIDE AND USE THEREOF IN THE TREATMENT OF ALLERGIES**  
[54] **NOUVEAUX COMPOSES ET PROCEDE**  
[72] MASON, SEAN, GB  
[72] TURNELL, WILLIAM GORDON, GB  
[72] VINALS Y BASSOLS, CARLOTA, BE  
[72] FRIEDE, MARTIN, BE  
[71] GLAXOSMITHKLINE BIOLOGICALS S.A., BE  
[71] ACAMBIS RESEARCH LIMITED, GB  
[85] 2003-02-18  
[86] 2001-08-17 (PCT/EP2001/009576)  
[87] 2002-02-28 (WO2002/016409)  
[30] GB (0020717.5) 2000-08-22

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[21] **2,420,100**  
[13] A1

[51] **Int.Cl. 7B01L 3/00 7B01J 19/00**  
[25] EN  
[54] **METHOD FOR CARRYING OUT A CHEMICAL REACTION**  
[54] **PROCEDE POUR REALISER UNE REACTION CHIMIQUE**  
[72] SCHROER, JOSEF, CH  
[72] LORIN, CHRISTELLE, FR  
[72] GULLER, ROLF, CH  
[71] CHEMSPEED LTD., CH  
[85] 2003-01-31  
[86] 2001-08-09 (PCT/CH2001/000485)  
[87] 2003-01-31 (WO2002/013969)  
[30] CH (1577/00) 2000-08-14

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[13] A1

[51] **Int.Cl. 7A21C 9/04**  
[25] EN  
[54] **DISTRIBUTOR OF LIQUID OR CREAMY CONSTITUENTS FOR GARNISHING FOOD**  
[54] **DISTRIBUTEUR D'INGREDIENTS LIQUIDES OU CREMEUX POUR GARNIR DES PRODUITS ALIMENTAIRES**  
[72] DE DOMINICIS, EMANUELE, IT  
[72] DAMENO, CARLO, IT  
[72] TORGHELE, CLAUDIO, CH  
[72] FERRIGNO, MONICA, IT  
[71] ARTOS S.A., LU  
[85] 2003-02-24  
[86] 2002-05-28 (PCT/EP2002/005850)  
[87] 2003-02-24 (WO2002/098234)  
[30] EP (01113720.5) 2001-06-05

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[13] A1

[51] **Int.Cl. 7A01K 67/027 7A61K 45/00 7A61P 37/08 7G01N 33/15 7G01N 33/50 7G01N 33/53**  
[25] EN  
[54] **MODEL ANIMAL FOR TYPE III ALLERGY INFLAMMATION**  
[54] **MODELE ANIMAL PERMETTANT D'EVALUER L'INFLAMMATION ALLERGIQUE DE TYPE III**  
[72] YUASA, TAKAE, JP  
[72] ONO, MASAO, JP  
[72] WATANABE, TAKESHI, JP  
[72] TAKAI, TOSHIYUKI, JP  
[71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP  
[85] 2003-02-21  
[86] 2001-08-23 (PCT/JP2001/007196)  
[87] 2002-02-28 (WO2002/015680)  
[30] JP (2000-253984) 2000-08-24

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[13] A1

[51] **Int.Cl. 7H01R 24/12**  
[25] EN  
[54] **CONNECTOR**  
[54] **CONNECTEUR**  
[72] HOSHINO, NARUTOSHI, JP  
[72] IIDA, MITSURU, JP  
[72] TANAKA, HIROHISA, JP  
[72] TAKEYAMA, HIDETOSHI, JP  
[71] MATSUSHITA ELECTRIC WORKS, LTD., JP  
[85] 2003-02-25  
[86] 2002-05-24 (PCT/JP2002/005032)  
[87] 2002-12-05 (WO2002/097931)  
[30] JP (2001-157641) 2001-05-25  
[30] JP (2001-157642) 2001-05-25  
[30] JP (2001-157643) 2001-05-25  
[30] JP (2001-157644) 2001-05-25

[21] **2,420,179**  
[13] A1

[51] **Int.Cl. 7C07H 19/10 7A61P 7/02 7C07H 19/20 7C07H 19/207 7A61K 31/7072 7A61K 31/7076**  
[25] EN  
[54] **COMPOSITION AND METHOD FOR INHIBITING PLATELET AGGREGATION**  
[54] **COMPOSITION ET METHODES D'INHIBITION DE L'AGREGATION PLAQUETTAIRE**  
[72] YERXA, BENJAMIN R., US  
[72] DOUGLASS, JAMES G., US  
[72] BOYER, JOSE L., US  
[72] OLINS, GILLIAN M., US  
[71] INSPIRE PHARMACEUTICALS, INC., US  
[71] UNIVERSITY OF NORTH CAROLINA, US  
[85] 2003-02-21  
[86] 2001-08-20 (PCT/US2001/041818)  
[87] 2002-02-28 (WO2002/016381)  
[30] US (09/643,138) 2000-08-21

[21] **2,420,229**  
[13] A1

[51] **Int.Cl. 7C22C 38/38 7C23C 30/00 7C23C 8/14 7C23C 8/18 7C22C 38/58**  
[25] EN  
[54] **STAINLESS STEEL AND STAINLESS STEEL SURFACE**  
[54] **SURFACE SUR UNE MATRICE D'ACIER INOXYDABLE**  
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[72] PETRONE, SABINO STEVEN ANTHONY, CA  
[72] OBALLA, MICHAEL C., CA  
[71] NOVA CHEMICALS CORPORATION, CA  
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[25] FR  
[54] **METHOD AND DEVICE FOR CONTINUOUS COLD PLASMA DEPOSITION OF METAL COATINGS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT LE DEPOT DE COUCHES METALLIQUES EN CONTINU PAR PLASMA FROID**  
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[72] VANDEN BRANDE, PIERRE, BE  
[71] COLD PLASMA APPLICATIONS, BE  
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[54] **LOCK**  
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[71] KOWALCZYK, LEONARD PIOTR, ZA  
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[51] **Int.Cl. 7C12N 15/13 7A01H 1/00 7A01H 5/00 7A01K 67/00 7C07K 19/00 7A61P 35/00 7A01K 67/027 7C12N 5/10 7C12N 15/10 7C07K 16/28 7A61K 39/395 7G01N 33/53 7G01N 33/574 7G01N 33/577 7G01N 33/68 7C07K 14/705 7C12N 15/79**  
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[72] BLOEM, ANDRIES CHRISTIAAN, NL  
[72] ZWIJSSSEN, RENATE MARIE LOUISE, NL  
[72] LOGTENBERG, TON, NL  
[72] CILENTI, LUCIA, IT  
[71] CRUCCELL HOLLAND B.V., NL  
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[54] **COMPOSES MINERAUX, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION DANS LES MATERIAUX THERMOPLASTIQUES**  
[54] **MINERAL COMPOUNDS, METHOD FOR PREPARING SAME AND USE THEREOF IN THERMOPLASTIC MATERIALS**  
[72] BOUGELOT, EMMANUELLE, FR  
[72] VARLET, JOEL, FR  
[72] ROBERT, GILLES, FR  
[72] DUPUIS, DOMINIQUE, FR  
[71] RHODIANYL, FR  
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[54] **PROCEDE D'INDICATION PREVENTIVE ET/OU INSTANTANEE DE COUTS DE TRANSMISSION LORS DE LA TRANSMISSION DE DONNEES INTERNET ET EN LIGNE**  
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[51] **Int.Cl. 7A61B 17/20 7A61B 10/00**  
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[54] **METHODE D'ECHANTILLONNAGE D'ACIDE NUCLEIQUE TRANSDERMIQUE**  
[72] CORMIER, MICHEL J.N., US  
[72] MATRIANO, JAMES A., US  
[71] ALZA CORPORATION, US  
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[54] **CONTRACEPTIF VAGINAL NON HORMONAL**  
[72] SINGH, MUKUL, US  
[72] SAXENA, BRIJ B., US  
[72] LERNER, SIDNEY, US  
[71] CORNELL RESEARCH FOUNDATION, INC., US  
[71] LERNER, SIDNEY, US  
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[54] **METHOD AND DEVICE FOR TENSION LEVELLING A COLD-ROLLED STRIP AND REGULATING THE DEGREE OF LEVELLING**  
[54] **PROCEDE ET DISPOSITIF DE DRESSAGE PAR ETIRAGE DE FEUILLARDS LAMINES A FROID ET REGLAGE DU DEGRE D'ETIRAGE**  
[72] HARTUNG, HANS GEORG, DE  
[72] MELSTER, STEFAN, DE  
[72] BEHRENS, HOLGER, DE  
[72] ULRICH, RALF, DE  
[72] FALKENHAHN, BODO, DE  
[72] GRAMER, ANDREAS, DE  
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[54] **AMELIORATIONS ASSOCIEES A DES AGENTS SELECTIFS POUR CULTURES BIOLOGIQUES**  
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[71] OXOID LIMITED, GB  
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[54] **COULAGE SOUS PRESSION D'ALUMINIUM**  
[72] MURRAY, MORRIS TAYLOR, AU  
[72] COPE, MATTHEW ALAN, AU  
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU  
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[72] CRAVENS II, ROBERT C., US  
[72] REMEROWSKI, DAVID L., US  
[72] BAUER, DAVID P., US  
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[51] **Int.Cl. 7B05B 17/00 7B05B 15/02**  
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[54] **APPAREIL POUR PREVENIR LE DESSECHEMENT D'UNE BUSE DE DISPOSITIF DISTRIBUTEUR DE FLUIDE**  
[72] AIRAKSINEN, PENTTI, FI  
[72] HIETANEN, ESKO, FI  
[72] HIETANEN, JUKKA, FI  
[71] ADMETS OY, FI  
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[54] **DISPOSITIF D'IMMOBILISATION DE ROUE DETECTANT LA POSITION D'UN PNEU**  
[72] PAUL, LESTER W., US  
[72] ELLIS, ARTHUR S., CA  
[71] RITE-HITE HOLDING CORPORATION, US  
[85] 2003-02-24  
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[13] A1

[51] **Int.Cl. 7A61K 31/66 7A61K 31/155**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS FOR HEADACHE, MIGRAINE, NAUSEA AND EMESIS**  
[54] **COMPOSITIONS PHARMACEUTIQUES CONTRE LES CEPHALEES, LA MIGRAINE, LES NAUSEES ET LES VOMISSEMENTS**  
[72] BARKAN, RAPHAEL, IL  
[72] MIRIMSKY, ALEXANDER, IL  
[71] MEDITOR PHARMACEUTICALS LTD., IL  
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[86] 2001-08-30 (PCT/IL2001/000817)  
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[30] IL (144632) 2001-07-30

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[51] **Int.Cl. 7A61M 16/04**  
[25] EN  
[54] **RESPIRATORY CARE MULTIPLE ACCESS PORT ASSEMBLY AND ADAPTER**  
[54] **ENSEMBLE A ORIFICES D'ACCES MULTIPLES ET ADAPTEUR POUR SYSTEME D'ASSISTANCE RESPIRATOIRE**  
[72] MADSEN, EDWARD B., US  
[72] CISE, DAVID M., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2003-02-24  
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[13] A1

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[54] **BANDE REALISEE PAR FUSION-SOUFFLAGE**  
[72] RUDISILL, EDGAR N., US  
[72] DAVIS, MICHAEL C., US  
[72] BANSAL, VISHAL, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
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[13] A1

[51] **Int.Cl. 7C09D 123/06**  
[25] EN  
[54] **LOW-ACID ETHYLENE COPOLYMERS FOR IMPROVING THE ADHESION OF LDPE TO ALUMINUM FOIL IN EXTRUSION COATING**  
[54] **COPOLYMERES D'ETHYLENE A FAIBLE TENEUR EN ACIDE POUR AMELIORER L'ADHERENCE DE PEBD A UNE FEUILLE D'ALUMINIUM DANS LE REVETEMENT PAR EXTRUSION**  
[72] MORRIS, BARRY ALAN, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
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[25] EN  
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[54] **ARTICLES ABSORBANTS CONTENANT DES COMPOSITIONS A BASE DE MELANGES DE POLYESTERS BIODEGRADABLES**  
[72] AUTRAN, JEAN-PHILIPPE MARIE, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
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[30] US (60/238,875) 2000-10-06

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[51] **Int.Cl. 7A61K 7/32**  
[25] EN  
[54] **HIGH OIL CLEAR EMULSION WITH DIENE ELASTOMER**  
[54] **EMULSION TRANSPARENTE A HAUTE TENEUR EN HUILE COMPRENANT UN ELASTOMERE DIENIQUE**  
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[72] CHOPRA, SUMAN, US  
[72] TANG, XIAOZHONG, US  
[72] GUENIN, ERIC, US  
[72] FEI, LIN, US  
[72] MATTAI, JAIRAJH, US  
[71] COLGATE-PALMOLIVE, US  
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[51] **Int.Cl. 7C08L 77/00 7C08L 77/02 7C08L 77/06 7C08K 7/14 7C08K 7/20**  
[25] EN  
[54] **TRANSLUCENT POLYAMIDE BLENDS**  
[54] **MELANGES DE POLYAMIDE TRANSLUCIDE**  
[72] CHENG, PAUL P., US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2003-02-24  
[86] 2001-10-10 (PCT/US2001/042587)  
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[51] **Int.Cl. 7G02F 1/01**  
[25] EN  
[54] **OPTICAL SIGNAL TRANSMITTER AND OPTICAL SIGNAL TRANSMITTING METHOD**  
[54] **EMETTEUR DE SIGNAUX OPTIQUES ET PROCEDE D'EMISSION DE SIGNAUX OPTIQUES**  
[72] HASEGAWA, TOSHIO, JP  
[72] NISHIOKA, TSUYOSHI, JP  
[72] ISHIZUKA, HIROKAZU, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
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[54] **PROCESS FOR PREPARING TABLETS**  
[54] **PROCEDE POUR LA CONFECTION DE COMPRIMES**  
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[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2003-02-24  
[86] 2001-10-10 (PCT/US2001/042604)  
[87] 2002-04-18 (WO2002/031100)  
[30] GB (0024957.3) 2000-10-12

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[13] A1

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[25] EN  
[54] **MULTI-LAYER DYE-SCAVENGING ARTICLE**  
[54] **ARTICLE MULTICOUCHE DE PIEGEAGE DES COLORANTS**  
[72] VETTER, NICHOLAS DAVID, US  
[72] GORDON, GREGORY CHARLES, US  
[72] AOUAD, YOUSEF GEORGES, US  
[72] PANANDIKER, RAJAN KESHAV, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
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[13] A1

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[25] EN  
[54] **HOT MELT WETNESS INDICATOR ADHESIVE COMPOSITION**  
[54] **COMPOSITION ADHESIVE THERMOFUSIBLE INDICATRICE D'HUMIDITE A TAUX DE CHANGEMENT DE COULEUR CONTROLABLE**  
[72] WANG, BAOYU, US  
[71] ATO FINDLEY, INC., US  
[85] 2003-02-24  
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[30] US (09/703,374) 2000-10-30

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[25] EN  
[54] **CONCENTRATE SUITABLE FOR THE PREPARATION OF CATHODIC ELECTRODEPOSITION COATING COMPOSITIONS**  
[54] **CONCENTRE ADAPTE A LA PREPARATION DE COMPOSITIONS DE REVETEMENT D'ELECTRODEPOSITION CATHODIQUE**  
[72] HOENIG, HELMUT, AT  
[72] MATZER, HERBERT, AT  
[72] PAMPOUCHIDIS, GEORG, AT  
[72] VALTROVIC, MANFRED, AT  
[72] KLEIN, KLAUSJOERG, DE  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2003-02-24  
[86] 2001-10-19 (PCT/US2001/050964)  
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[30] US (09/692,032) 2000-10-19  
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[13] A1

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[25] EN  
[54] **PREPARATIONS FOR ORAL ADMINISTRATION**  
[54] **PREPARATIONS ADMINISTREES PAR VOIE ORALE**  
[72] TAKEBE, SHOJI, JP  
[72] MURAKAMI, HIDEKI, JP  
[71] TANABE SEIYAKU CO., LTD., JP  
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[86] 2001-09-06 (PCT/JP2001/007718)  
[87] 2003-02-26 (WO2002/020058)  
[30] JP (2000-270061) 2000-09-06  
[30] JP (2001-231682) 2001-07-31

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[13] A1

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[25] EN  
[54] **FLOW CONTROL VALVE FOR MANUAL RESUSCITATOR DEVICES**  
[54] **VALVE DE REGLAGE DE DEBIT POUR DISPOSITIFS DE REANIMATION MANUELS**  
[72] BOWDEN, KEVIN D. J., CA  
[71] O-TWO SYSTEMS INTERNATIONAL INC., CA  
[85] 2003-02-25  
[86] 2001-08-23 (PCT/CA2001/001204)  
[87] 2002-02-28 (WO2002/015968)  
[30] US (09/648,143) 2000-08-25

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[13] A1

[51] **Int.Cl. 7F16C 23/08 7F16C 33/36 7F16C 33/52**  
[25] EN  
[54] **RETAINERLESS PRECESSING ROLLER BEARING**  
[54] **ROULEMENT A ROULEAU DE PRECESSION SANS ARRETOIR**  
[72] WILLIAMS, STEVEN S., US  
[71] REXNORD CORPORATION, US  
[85] 2003-02-26  
[86] 2001-08-13 (PCT/US2001/025360)  
[87] 2002-03-14 (WO2002/021007)  
[30] US (09/654,628) 2000-09-05

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[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **AUTOMATED TAX RETURN WITH UNIVERSAL DATA IMPORT**  
[54] **DECLARATION DE REVENUS AUTOMATISEE ET DOTEES D'UNE IMPORTATION UNIVERSELLE DE DONNEES**  
[72] RICE, MATTHEW, US  
[72] BREISE, DEVIN, US  
[72] RIGGS, BRIAN, US  
[72] WEBER, JEFF, US  
[72] STANLEY, TODD, US  
[71] INTUIT, INC., US  
[85] 2003-02-26  
[86] 2001-08-21 (PCT/US2001/026182)  
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[30] US (60/229,693) 2000-09-01

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[25] EN  
[54] **NOVEL HUMAN PROTEASES AND POLYNUCLEOTIDES ENCODING THE SAME**  
[54] **NOUVELLES PROTEASES HUMAINES ET POLYNUCLEOTIDES CODANT LESDITES PROTEASES**  
[72] HU, YI, US  
[72] TURNER, ALEXANDER C., JR., US  
[72] HILBUN, ERIN, US  
[72] FRIDDLE, CARL JOHAN, US  
[72] SCOVILLE, JOHN, US  
[72] WALKE, WADE D., US  
[71] LEXICON GENETICS INCORPORATED, US  
[85] 2003-02-24  
[86] 2001-08-22 (PCT/US2001/026148)  
[87] 2002-02-28 (WO2002/016564)  
[30] US (60/227,104) 2000-08-22  
[30] US (60/233,796) 2000-09-19

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[13] A1

[51] **Int.Cl. 7C12N 15/57 7A01K 67/027 7C12N 5/10 7C12N 1/21 7C12Q 1/37 7C07K 16/40 7C12N 15/63 7C12N 9/64 7G01N 33/68 7C12Q 1/68**  
[25] EN  
[54] **ISOLATED HUMAN PROTEASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN PROTEASE PROTEINS, AND USES THEREOF**  
[54] **PROTEINES PROTEASIQUES HUMAINES ISOLEES, MOLECULES D'ACIDES NUCLEIQUES CODANT POUR CES PROTEINES PROTEASIQUES HUMAINES, ET UTILISATIONS CORRESPONDANTES**  
[72] BEASLEY, ELLEN M., US  
[72] LI, ZHENYA, US  
[71] APPLERA CORPORATION, US  
[85] 2003-02-24  
[86] 2001-08-23 (PCT/US2001/026345)  
[87] 2002-02-28 (WO2002/016566)  
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[21] **2,420,492**  
[13] A1

[51] **Int.Cl. 7B22D 11/06 7C21D 1/00 7C21D 8/02**  
[25] EN  
[54] **A METHOD OF PRODUCING STEEL**  
[54] **PROCEDE DE PRODUCTION D'ACIER**  
[72] MAHAPATRA, RAMA, US  
[72] BLEJDE, WALTER, US  
[72] STREZOV, LAZAR, AU  
[72] MUKUNTHAN, KANNAPPAR, AU  
[71] NUCOR CORPORATION, US  
[85] 2003-02-28  
[86] 2001-09-28 (PCT/AU2001/001215)  
[87] 2002-04-04 (WO2002/026422)  
[30] AU (PR 0479) 2000-09-29

[21] **2,420,493**  
[13] A1

[51] **Int.Cl. 7A23K 1/16 7A61P 9/00 7A23K 1/18 7A61K 31/205 7A23L 1/305**  
[25] EN  
[54] **USE OF CARNITINE FOR ENHANCING TRAINING-INDUCED BRADYCARDIA**  
[54] **UTILISATION DE LA CARNITINE POUR AMELIORER UNE BRADYCARDIE INDUITE PAR L'ENTRAINEMENT**  
[72] HARMEYER, JOHEIN, DE  
[72] VERVUERT, INGRID, DE  
[72] SPORLEDER, HANS-PETER, DE  
[72] WEDEMAYER, ULRIKE, DE  
[72] CHROBOK, CORNELIA, DE  
[72] COENEN, MANFRED, DE  
[71] LONZA AG, CH  
[85] 2003-02-25  
[86] 2001-09-18 (PCT/EP2001/010773)  
[87] 2002-03-21 (WO2002/021934)  
[30] EP (00120382.7) 2000-09-18  
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[51] **Int.Cl. 7G01N 33/487 7G01N 24/10**  
[25] EN  
[54] **ASSAY FOR S-NITROSOTHIOL COMPOUNDS**  
[54] **ESSAIS RELATIFS A DES COMPOSES S-NITROSOTHIOL**  
[72] DAVIES, CLAIRE AMANDA, GB  
[72] WINYARD, PAUL GRAHAM, GB  
[71] QUEEN MARY & WESTFIELD COLLEGE, GB  
[85] 2003-02-25  
[86] 2001-08-24 (PCT/GB2001/003808)  
[87] 2002-02-28 (WO2002/016934)  
[30] GB (0021051.8) 2000-08-25  
[30] GB (0114309.8) 2001-06-12

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[13] A1

[51] **Int.Cl. 7A01K 15/02 7A01K 1/01 7A01K 5/02**  
[25] EN  
[54] **ANIMAL BEHAVIOUR TRAINING APPARATUS**  
[54] **APPAREIL D'ENTRAINEMENT DU COMPORTEMENT D'UN ANIMAL**  
[72] ARMSTRONG, GAVIN, GB  
[71] ARMSTRONG, GAVIN, GB  
[71] MUGFORD, ROGER, GB  
[85] 2003-02-25  
[86] 2001-08-30 (PCT/GB2001/003884)  
[87] 2002-03-07 (WO2002/017709)  
[30] GB (0021205.0) 2000-08-30  
[30] GB (0101716.9) 2001-01-23

[21] **2,420,506**  
[13] A1

[51] **Int.Cl. 7A01K 63/04 7B01J 19/00 7C02F 1/28**  
[25] EN  
[54] **WATER FOR ASSISTING THE PURIFICATION OF WATER FOR FEEDING ORNAMENTAL FISHES OR FISHES AND SHELLFISHES**  
[54] **EAU PERMETTANT D'AIDER A LA PURIFICATION D'UNE EAU DESTINEE A DES POISSONS D'ORNEMENT OU DES POISSONS, DES CRUSTACEES ET DES COQUILLAGES**  
[72] UEDA, YOSHIO, JP  
[72] TAKASE, HIROAKI, JP  
[72] HIRATA, YOSHIHIRO, JP  
[71] PHILD CO., LTD., JP  
[85] 2003-02-25  
[86] 2001-08-30 (PCT/JP2001/007476)  
[87] 2003-02-25 (WO2002/017710)  
[30] JP (2000-262198) 2000-08-31

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[13] A1  
[51] **Int.Cl. 7A01N 47/36**  
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[54] **METHOD FOR PRODUCING A SOLID HERBICIDE FORMULATION**  
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION HERBICIDE SOLIDE**  
[72] JAGER, KARL-FRIEDRICH, DE  
[72] ZAGAR, CYRILL, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2003-02-25  
[86] 2001-08-30 (PCT/EP2001/010001)  
[87] 2003-02-25 (WO2002/017718)  
[30] DE (100 43 122.4) 2000-08-31

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[13] A1  
[51] **Int.Cl. 7A61B 17/04 7A61F 2/08**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ATTACHING CONNECTIVE TISSUES TO BONE USING A KNOTLESS SUTURE ANCHORING DEVICE**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE FIXER DES TISSUS CONJONCTIFS A UN OS AU MOYEN D'UN DISPOSITIF D'ANCRAGE A SUTURES SANS NOEUD**  
[72] FOERSTER, SETH A., US  
[71] OPUS MEDICAL, INC., US  
[85] 2003-02-25  
[86] 2001-06-01 (PCT/US2001/017689)  
[87] 2002-03-07 (WO2002/017795)  
[30] US (09/651,253) 2000-08-30

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[51] **Int.Cl. 7A61B 18/00**  
[25] EN  
[54] **FLUID COOLED APPARATUS FOR SUPPORTING DIAGNOSTIC AND THERAPEUTIC ELEMENTS IN CONTACT WITH TISSUE**  
[54] **DISPOSITIF REFROIDI PAR UN LIQUIDE ET SERVANT A SUPPORTER DES ELEMENTS DIAGNOSTIQUES ET THERAPEUTIQUES EN CONTACT AVEC UN TISSU**  
[72] SWANSON, DAVID K., US  
[72] THOMPSON, RUSSELL B., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2003-02-25  
[86] 2001-08-08 (PCT/EP2001/009182)  
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[30] US (09/652,099) 2000-08-30  
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[51] **Int.Cl. 7A61K 9/52 7B01J 13/02**  
[25] EN  
[54] **CONTROLLED AND SUSTAINED RELEASE PROPERTIES OF POLYELECTROLYTE MULTILAYER CAPSULES**  
[54] **GESTION ET SUPPORT DE PROPRIETES DE LIBERATION DE CAPSULES MULTICOUCHES POLYELECTROLYTIQUES**  
[72] DONATH, EDWIN, DE  
[72] GAO, CHANGYOU, DE  
[72] DAHNE, LARS, DE  
[72] SUKHORUKOV, GLEB, DE  
[72] MOHWALD, HELMUTH, DE  
[72] VIEIRA, EURIDICE, DE  
[72] ANTIPOV, ALEXEI, DE  
[72] IBARZ, GEMMA, DE  
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V., DE  
[85] 2003-02-25  
[86] 2001-08-28 (PCT/EP2001/009908)  
[87] 2002-03-07 (WO2002/017888)  
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[51] **Int.Cl. 7C07C 251/24 7A61P 19/02 7C07D 271/07 7C07C 251/08 7A61K 31/201 7C07C 271/22 7C07C 229/30 7C07D 263/38**  
[25] EN  
[54] **2-AMINO-2-ALKYL-4 HEPTENOIC AND HEPTYNOIC ACID DERIVATIVES USEFUL AS NITRIC OXIDE SYNTHASE INHIBITORS**  
[54] **DERIVES D'ACIDE HEPTENOIQUE ET HEPTYNOIQUE 2-AMINO-2-ALKYL-4 UTILISES COMME INHIBITEURS DE LA SYNTHASE D'OXYDE NITRIQUE**  
[72] MOORMAN, ALAN E., US  
[72] PITZELE, BARNETT S., US  
[72] WEBBER, RONALD KEITH, US  
[72] TOTH, MIHALY V., US  
[72] TRIVEDI, JAY S., US  
[72] HANSEN, DONALD JR., US  
[72] SIKORSKI, JAMES, US  
[72] AWASTHI, ALOK K., US  
[71] PHARMACIA CORPORATION, US  
[85] 2003-02-25  
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[30] US (60/232,674) 2000-09-15

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[13] A1  
[51] **Int.Cl. 7A61K 31/575 7A61P 11/00 7A61K 31/135**  
[25] EN  
[54] **PHARMACEUTICAL FORMULATION OF SALMETEROL AND FLUTICASONE PROPIONATE**  
[54] **UTILISATION D'UNE COMBINAISON DE SALMETEROL ET DE PROPIONATE DE FLUTICASONE**  
[72] MADEN, CLAIRE JULIA, GB  
[72] HORSTMAN, DONALD HERBERT, US  
[71] GLAXO GROUP LIMITED, GB  
[85] 2003-02-25  
[86] 2001-08-31 (PCT/GB2001/003928)  
[87] 2002-03-07 (WO2002/017894)  
[30] US (60/229,381) 2000-08-31

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[13] A1  
[51] **Int.Cl. 7C12N 15/12 7A61K 38/04 7A61K 38/17 7C07K 16/18 7C07K 14/47 7C12Q 1/68**  
[25] EN  
[54] **AN IAP BINDING PEPTIDE OR POLYPEPTIDE AND METHODS OF USING THE SAME**  
[54] **PEPTIDE OU POLYPEPTIDE CAPABLE DE LIAISON AVEC L'INHIBITEUR DE LA PROTEINE DE L'APOPTOSE**  
[72] ALNEMRI, EMAD S., US  
[71] THOMAS JEFFERSON UNIVERSITY, US  
[85] 2003-02-24  
[86] 2001-08-24 (PCT/US2001/026492)  
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[30] US (60/227,735) 2000-08-24

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[51] **Int.Cl. 7A61K 31/445 7A61K 9/00 7A61K 9/20 7A61K 9/28 7A61K 31/435**  
[25] EN  
[54] **SUSTAINED RELEASE FORMULATIONS FOR GROWTH HORMONE SECRETAGOGUES**  
[54] **FORMULATIONS A LIBERATION PROLONGEE POUR LES SECRETAGOGUES DE L'HORMONE DE CROISSANCE**  
[72] AM ENDE, MARY TANYA, US  
[72] HERBIG, SCOTT MAX, US  
[72] CURATOLO, WILLIAM JOHN, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2003-02-25  
[86] 2001-08-08 (PCT/IB2001/001429)  
[87] 2002-03-07 (WO2002/017918)  
[30] US (60/229,074) 2000-08-30

[21] **2,420,538**  
[13] A1

[51] **Int.Cl. 7C12N 15/00**  
[25] EN  
[54] **NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME**  
[54] **NOUVELLES PROTEINES ET ACIDES NUCLEIQUES LES CODANT**  
[72] GERLACH, VALERIE, US  
[72] STONE, DAVID J., US  
[72] MACDOUGALL, JOHN R., US  
[72] SMITHSON, GLENNDA, US  
[72] PADIGARU, MURALIDHARA, US  
[72] TAUPIER, RAYMOND J., US  
[72] ZERHUSEN, BRYAN D., US  
[72] SPYTEK, KIMBERLY A., US  
[72] ELLERMAN, KAREN, US  
[72] TCHERNEV, VELIZAR T., US  
[72] PATTURAJAN, MEERA, US  
[72] RASTELLI, LUCA, US  
[72] VERNEY, CORINE A. M., US  
[71] CURAGEN CORPORATION, US  
[85] 2003-02-24  
[86] 2001-08-27 (PCT/US2001/026518)  
[87] 2002-02-28 (WO2002/016600)  
[30] US (60/227,800) 2000-08-25  
[30] US (60/228,205) 2000-08-25  
[30] US (60/228,324) 2000-08-25  
[30] US (60/229,185) 2000-08-30  
[30] US (60/228,997) 2000-08-30  
[30] US (60/229,780) 2000-09-01  
[30] US (60/229,848) 2000-09-01  
[30] US (60/229,850) 2000-09-01  
[30] US (60/263,337) 2001-01-22  
[30] US (60/265,518) 2001-01-31  
[30] US (60/276,451) 2001-03-15  
[30] US (60/279,196) 2001-03-27  
[30] US (09/393,398) 2001-08-24

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[13] A1

[51] **Int.Cl. 7A61M 1/00**  
[25] EN  
[54] **SUCTION PUMP**  
[54] **POMPE ASPIRANTE**  
[72] GRETER, ANDY, CH  
[72] SILVER, BRIAN H., US  
[72] KUENZLER, HANSRUEDI, CH  
[71] MEDELA AG, CH  
[85] 2003-02-25  
[86] 2001-08-28 (PCT/CH2001/000524)  
[87] 2003-02-25 (WO2002/017992)  
[30] EP (00118590.9) 2000-08-28

[21] **2,420,545**  
[13] A1

[51] **Int.Cl. 7A61M 15/00**  
[25] EN  
[54] **APPARATUS FOR TREATMENT OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ASSOCIATED METHOD**  
[54] **APPAREIL PERMETTANT LE TRAITEMENT D'UNE MALADIE PULMONAIRE AVEC OBSTRUCTION CHRONIQUE ET PROCEDE ASSOCIE**  
[72] STEPHENS, ROBERT E., US  
[72] MILLER, STUART P., US  
[72] ADDINGTON, ROBERT W., US  
[71] PNEUMOFLEX SYSTEMS, L.L.C., US  
[85] 2003-02-25  
[86] 2001-08-30 (PCT/US2001/026939)  
[87] 2002-03-07 (WO2002/018001)  
[30] US (60/229,066) 2000-08-30

[21] **2,420,547**  
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[51] **Int.Cl. 7B01J 27/22 7C07C 27/00 7B01J 23/00 7B01J 21/04 7B01J 21/08 7B01J 20/10 7B01J 23/40 7B01J 23/56 7B01J 23/70**  
[25] EN  
[54] **ATTRITION RESISTANT BULK IRON CATALYSTS AND PROCESSES FOR PREPARING AND USING SAME**  
[54] **CATALYSEURS A HAUTE TENEUR EN FER RESISTANT A L'ATTRITION ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**  
[72] JOTHIMURUGESAN, KANDASWAMY, US  
[72] GOODWIN, JAMES G., JR., US  
[72] GANGWAL, SANTOSH K., US  
[71] RESEARCH TRIANGLE INSTITUTE, US  
[85] 2003-02-25  
[86] 2001-08-28 (PCT/US2001/026005)  
[87] 2002-03-07 (WO2002/018043)  
[30] US (60/227,913) 2000-08-28

[21] **2,420,550**  
[13] A1

[51] **Int.Cl. 7C07K 14/605 7A61K 38/22 7A61K 38/26 7A61P 25/28 7C07K 14/575**  
[25] EN  
[54] **PEPTIDE WITH EFFECTS ON CEREBRAL HEALTH**  
[54] **NOUVEAU PEPTIDE POSSEDANT DES EFFETS SUR LA SANTE CEREBRALE**  
[72] HAILE, COLIN N., US  
[72] DURING, MATTHEW, US  
[71] THOMAS JEFFERSON UNIVERSITY, US  
[85] 2003-02-24  
[86] 2001-08-24 (PCT/US2001/026616)  
[87] 2002-02-28 (WO2002/016430)  
[30] US (60/227,631) 2000-08-24

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[13] A1

[51] **Int.Cl. 7B60C 11/13**  
[25] EN  
[54] **TREAD PATTERN FOR A VEHICLE TIRE**  
[54] **SCULPTURE DES BANDES DE ROULEMENT POUR UN PNEU DE VEHICULE**  
[72] KLECKNER, JAMES, US  
[71] BRIDGESTONE/FIRESTONE, INC., US  
[85] 2003-02-25  
[86] 2001-07-05 (PCT/US2001/021405)  
[87] 2002-03-07 (WO2002/018156)  
[30] US (09/651,813) 2000-08-30

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[13] A1

[51] **Int.Cl. 7B62D 65/06**  
[25] EN  
[54] **DOOR MOUNTING METHOD AND DOOR HINGE-ASSEMBLING JIG FOR AUTOMOBILE**  
[54] **PROCEDE D'INSTALLATION DE PORTIERE DE VOITURE ET BATI DE MONTAGE DE CHARNIERE DE PORTIERE**  
[72] HASHIMOTO, YASUYOSHI, JP  
[72] YAMASAKI, KUNIO, JP  
[72] AOKI, AKIRA, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[85] 2003-02-25  
[86] 2001-03-16 (PCT/JP2001/002112)  
[87] 2003-02-25 (WO2002/018196)  
[30] JP (2000/266014) 2000-08-30  
[30] JP (2000/266015) 2000-08-30

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[51] **Int.Cl. 7C07D 211/96 7A61P 25/00 7A61P 37/00 7A61K 31/4468**  
[25] EN  
[54] **PHARMACEUTICALLY ACTIVE BENZSULFONAMIDE DERIVATIVES AS INHIBITORS OF PROTEIN JUNKINASES**  
[54] **DERIVES DE BENZSULFAMIDE PHARMACEUTIQUEMENT ACTIFS COMME INHIBITEURS DE JUNKINASES DE PROTEINE**  
[72] ARKINSTALL, STEPHEN, US  
[72] CHURCH, DENNIS, CH  
[72] HALAZY, SERGE, FR  
[72] GOTTELAND, JEAN-PIERRE, FR  
[72] RUECKLE, THOMAS, CH  
[72] CAMPS, MONTSERRAT, CH  
[72] BIAMONTE, MARCO, CH  
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN  
[85] 2003-02-28  
[86] 2001-09-27 (PCT/IB2001/001773)  
[87] 2002-04-04 (WO2002/026711)  
[30] EP (00810888.8) 2000-09-27

[21] **2,420,570**  
[13] A1  
[51] **Int.Cl. 7E04G 9/10 7B32B 27/32**  
[25] EN  
[54] **FORMING PANEL BARRIER**  
[54] **BARRIERE POUR PANNEAUX DE COFFRAGE**  
[72] GODFREY, THOMAS E., US  
[72] SMITH, ALLAN M., US  
[72] FREEMAN, WILLIAM S., US  
[72] ELEAZER, HOWELL B., US  
[71] MILLIKEN & COMPANY, US  
[85] 2003-02-25  
[86] 2001-07-23 (PCT/US2001/023165)  
[87] 2002-03-07 (WO2002/018212)  
[30] US (09/652,731) 2000-08-31

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[13] A1  
[51] **Int.Cl. 7C07C 45/54 7C07B 39/00 7C07C 59/135 7C07C 67/14 7C07C 49/167 7C07C 51/58 7C07C 69/708**  
[25] EN  
[54] **PROCESS FOR PREPARATION OF FLUORINATED KETONES**  
[54] **PROCEDE DE PREPARATION DE CETONES FLUOREES**  
[72] ITO, MASAHIRO, JP  
[72] TATEMATSU, SHIN, JP  
[72] SHIRAKAWA, DAISUKE, JP  
[72] OKAZOE, TAKASHI, JP  
[72] TAKAGI, HIROKAZU, JP  
[72] WATANABE, KUNIO, JP  
[71] ASAHI GLASS COMPANY, LIMITED, JP  
[85] 2003-02-25  
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[87] 2003-02-25 (WO2002/018314)  
[30] JP (2000-261118) 2000-08-30

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[13] A1  
[51] **Int.Cl. 7C07C 245/08 7A61K 31/195 7A61K 31/655**  
[25] EN  
[54] **IMMUNOREGULATORY COMPOUNDS, DERIVATIVES THEREOF AND THEIR USE**  
[54] **COMPOSES IMMUNOREGULATEURS ET DERIVES ET METHODES THERAPEUTIQUES LES UTILISANT**  
[72] RIGGS-SAUTHIER, JENNIFER, US  
[72] EKWURIBE, NNOCHIRI N., US  
[71] NOBEX CORPORATION, US  
[85] 2003-02-25  
[86] 2001-08-28 (PCT/US2001/026697)  
[87] 2002-03-07 (WO2002/018324)  
[30] US (60/228,683) 2000-08-29

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[13] A1  
[51] **Int.Cl. 7C07D 211/70 7C07D 471/08 7A61P 25/24 7A61K 31/44**  
[25] EN  
[54] **PROCESS FOR THE RACEMISATION OF 1-BENZYL-4-(4-FLUOROPHENYL)-3-HYDROXYMETHYL-1,2,3,6-TETRAHYDROPYRIDINE TO BE USED AS INTERMEDIATE IN THE SYNTHESIS OF PAROXETINE**  
[54] **PROCEDE DE RACEMISATION DE 1-BENZYL-4-(4-FLUOROPHENYL)-3-HYDROXYMETHYL-1,2,3,6-TETRAHYDROPYRIDINE UTILISE COMME PRODUIT INTERMEDIAIRE DANS LA SYNTHESE DE LA PAROXETINE**  
[72] RILEY, DEAN, GB  
[72] FROGETT, JAYNE, GB  
[72] TURNER, ANDREW, GB  
[71] BASF AKTIENGESSELLSCHAFT, DE  
[85] 2003-02-25  
[86] 2001-08-30 (PCT/EP2001/009998)  
[87] 2002-03-07 (WO2002/018338)  
[30] GB (0021147.4) 2000-08-30

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[13] A1  
[51] **Int.Cl. 7A24C 5/14**  
[25] EN  
[54] **LOW SPREADING SMOKING ARTICLE AND METHOD OF MANUFACTURING THE SMOKING ARTICLE**  
[54] **ARTICLE A FUMER A DIFFUSION BASSE ET SON PROCEDE DE FABRICATION**  
[72] MIURA, KEIGO, JP  
[72] MATSUFUJI, TAKA AAKI, JP  
[72] KITAO, SATOSHI, JP  
[72] SASHIDE, FUMIO, JP  
[72] TSUTSUMI, TAKEO, JP  
[72] MATSUURA, SADAYOSHI, JP  
[71] JAPAN TOBACCO INC., JP  
[85] 2003-02-26  
[86] 2001-08-28 (PCT/JP2001/007369)  
[87] 2003-02-26 (WO2002/017737)  
[30] JP (2000-259287) 2000-08-29  
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[54] **BAGLESS CANISTER VACUUM CLEANER**  
[54] **ASPIRATEUR-TRAINEAU SANS SAC**  
[72] DINUNZIO, DAVID, US  
[72] FARONE, RICHARD C., US  
[72] CIPOLLA, MARK E., US  
[72] SAUNDERS, CRAIG M., US  
[72] MURPHY, JOHN S., US  
[72] STEPHENS, PAUL D., US  
[72] KALMAN, JEFFREY M., US  
[72] MATOUSEK, ROBERT A., US  
[72] WRIGHT, MICHAEL F., US  
[72] SALO, ROBERT A., US  
[71] ROYAL APPLIANCE MFG. CO., US  
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[21] **2,420,599**  
[13] A1

[51] **Int.Cl. 7A61B 17/64**  
[25] EN  
[54] **AN EXTERNAL SPLINT DEVICE FOR REDUCING BONE FRACTURES**  
[54] **ATELLE EXTERNE POUR LA REDUCTION DE FRACTURES D'OS**  
[72] VENTURINI, DANIELE, IT  
[71] ORTHOFIX S.R.L., IT  
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[51] **Int.Cl. 7A61K 9/48 7C08L 5/06 7C08L 89/06 7C08L 3/08 7C08J 5/18**  
[25] EN  
[54] **PECTIN FILM COMPOSITIONS**  
[54] **COMPOSITIONS DE FILM DE PECTINE**  
[72] HE, XIONGWEI, FR  
[72] SCOTT, ROBERT, BE  
[72] CADE, DOMINIQUE, FR  
[71] WARNER-LAMBERT COMPANY LLC, US  
[85] 2003-02-26  
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[25] EN  
[54] **VACCINE PREPARATION CONTAINING FATTY ACID AS COMPONENT**  
[54] **PREPARATION D'UN VACCIN RENFERMANT UN ACIDE GRAS COMME COMPOSE**  
[72] KIYOHARA, HIROAKI, JP  
[72] NAGAI, TAKAYUKI, JP  
[72] SUNAZUKA, TOSHIKI, JP  
[72] YAMADA, HARUKI, JP  
[71] THE KITASATO INSTITUTE, JP  
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[51] **Int.Cl. 7B22D 11/12**  
[25] EN  
[54] **CONTINUOUS CASTING INSTALLATION COMPRISING A SOFT REDUCTION SECTION**  
[54] **INSTALLATION DE COULEE CONTINUE PRESENTANT UNE SECTION DE REDUCTION DOUCE**  
[72] RAHMFELD, WERNER, DE  
[72] WETTER, JACOB, DE  
[71] SMS DEMAG AKTIENGESELLSCHAFT, DE  
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[87] 2003-02-26 (WO2002/018077)  
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[13] A1

[51] **Int.Cl. 7B25B 23/14**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRETENSIONING REMOTELY INSTALLED CLAMPS AND FLANGES**  
[54] **PROCEDE ET APPAREIL DE PRECONTRAINTE DE COLLIERS DE SERRAGE ET DE BRIDES INSTALLEES A DISTANCE**  
[72] RUSSELL, LARRY R., US  
[71] RUSSELL, LARRY R., US  
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[30] US (09/648,652) 2000-08-25

[21] **2,420,616**  
[13] A1

[51] **Int.Cl. 7G03G 15/00**  
[25] EN  
[54] **ELECTROPHOTOGRAPHIC OR IONOGRAPHIC PRINTER HAVING VARIABLE PRINTING SPEED**  
[54] **IMPRIMANTE ELECTROPHOTOGRAPHIQUE OU IONOGRAPHIQUE A VITESSE D'IMPRESSION VARIABLE**  
[72] MATHEA, HANS, DE  
[71] CSAT GESELLSCHAFT FUR COMPUTER-SYSTEME UND AUTOMATIONS-TECHNIK MBH, DE  
[85] 2003-02-24  
[86] 2001-08-24 (PCT/DE2001/003159)  
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[30] DE (100 43 033.3) 2000-09-01

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[13] A1

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[25] EN  
[54] **PERCARBOXYLATED POLYSACCHARIDES, AND A PROCESS FOR THEIR PREPARATION**  
[54] **POLYSACCHARIDES PERCARBOXYLES, ET PROCEDE D'ELABORATION**  
[72] FRANCESCANGELI, ANDREA, IT  
[72] CRESCENZI, VITTORIO, IT  
[72] BELLINI, DAVIDE, IT  
[71] FIDIA FARMACEUTICI S.P.A., IT  
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[51] **Int.Cl. 7B60J 1/17 7E05F 11/38**  
[25] EN  
[54] **WINDOW REGULATOR CHANNEL SLIDER DEVICE**  
[54] **DISPOSITIF CURSEUR A COULISSE POUR LEVE-GLACE**  
[72] REGNIER, LUC ROGER, CA  
[71] INTIER AUTOMOTIVE CLOSURES INC., CA  
[85] 2003-02-27  
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[25] EN  
[54] **PROCESS AND DEVICE FOR CARRYING OUT REACTIONS IN A REACTOR WITH SLOT-SHAPED REACTION SPACES**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'EXECUTER DES REACTIONS DANS UN REACTEUR DOTES D'ESPACES DE REACTION EN FORME DE FENTE**  
[72] SCHUTTE, RUDIGER, DE  
[72] MARKOWZ, GEORG, DE  
[72] ROLLMANN, JURGEN, DE  
[72] WILDNER, WERNER, DE  
[72] BECKER, CATRIN, DE  
[72] BERTSCH-FRANK, BIRGIT, DE  
[72] HEMME, INA, DE  
[72] BALDUF, TORSTEN, DE  
[71] DEGUSSA AKTIENGESELLSCHAFT, DE  
[71] UHDE GMBH, DE  
[85] 2003-02-25  
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[30] DE (100 42 746.4) 2000-08-31

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[51] **Int.Cl. 7C22B 3/02 7C22B 3/04 7C22B 3/24 7C22B 3/26 7C25D 3/38**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CHEMICAL PROCESSING**  
[54] **PROCEDE ET DISPOSITIF POUR TRAITEMENT CHIMIQUE**  
[72] COLE, JOHN A., US  
[71] NEWMONT USA LIMITED, US  
[85] 2003-02-27  
[86] 2001-09-24 (PCT/US2001/042301)  
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[13] A1  
[51] **Int.Cl. 7C02F 1/46 7B09C 1/00**  
[25] EN  
[54] **METHOD AND DEVICE FOR IN-SITU GROUNDWATER DECONTAMINATION**  
[54] **PROCEDE ET SYSTEME DE DECONTAMINATION NOTAMMENT D'EAUX SOUTERRAINES POLLUEES, PRODUISANT DE L'OXYGENE DISSOUS ET DES AMORCEURS DE REACTIONS**  
[72] OROLIN, JOHN J., US  
[72] SUCEVICH, VAUGHN A., SR., US  
[72] JOHNSON, TROY T., US  
[72] SCHORZMAN, SCOTT A., US  
[71] H2O TECHNOLOGIES LTD., US  
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[51] **Int.Cl. 7B61L 17/00 7B61C 17/12 7G10L 15/26**  
[25] EN  
[54] **REMOTE CONTROL SYSTEM FOR A LOCOMOTIVE USING VOICE COMMANDS**  
[54] **SYSTEME DE TELECOMMANDE DESTINE A UNE LOCOMOTIVE, UTILISANT DES COMMANDES VOCALES**  
[72] HORST, FOLKERT, CA  
[71] CANAC INC., CA  
[85] 2003-02-26  
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[51] **Int.Cl. 7C07K 14/47 7C07D 205/08 7A61K 38/17 7A61K 47/48 7G01N 33/50**  
[25] EN  
[54] **PROTEIN EXTRACTED FROM THE INTESTINES OF VERTEBRATES, WHICH ABSORBS CHOLESTEROL, AND THE USE OF THIS PROTEIN FOR IDENTIFYING INHIBITORS OF INTESTINAL CHOLESTEROL TRANSPORT**  
[54] **PROTEINE ISSUE DE L'INTESTIN D'ANIMAUX VERTEBRES, QUI ABSORBE LE CHOLESTEROL, UTILISATION DE LADITE PROTEINE POUR IDENTIFIER DES INHIBITEURS DU TRANSPORT INTESTINAL DU CHOLESTEROL**  
[72] KRAMER, WERNER, DE  
[72] GLOMBIK, HEINER, DE  
[71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2003-02-26  
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[51] **Int.Cl. 7C12N 15/11 7C07H 21/00 7A61K 48/00 7C07K 14/705 7A61K 31/7088**  
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[54] **ANTISENSE OLIGONUCLEOTIDES AGAINST VANILLOID RECEPTOR 1**  
[54] **OLIGONUCLEOTIDES ANTISENS CONTRE VRI**  
[72] ERDMANN, VOLKER A., DE  
[72] KURRECK, JENS, DE  
[71] GRUNENTHAL GMBH, DE  
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[86] 2001-08-31 (PCT/EP2001/010081)  
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[25] EN  
[54] **QUINOLINE-(C=O)-(DI-,TRI- AND TETRAPEPTIDE) DERIVATIVES AS CASPASE INHIBITORS**  
[54] **COMPOSES A GROUPE PARTANT QUINOLINE-(C=O)-(ACIDES AMINES MULTIPLES) POUR COMPOSITIONS PHARMACEUTIQUES ET REACTIFS**  
[72] WANG, JINHAI, US  
[71] ENZYME SYSTEMS PRODUCTS, INC., US  
[85] 2003-02-26  
[86] 2001-08-24 (PCT/US2001/026467)  
[87] 2002-03-07 (WO2002/018341)  
[30] US (60/229,257) 2000-08-30  
[30] US (09/870,027) 2001-05-29

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[13] A1

[51] **Int.Cl. 7B32B 27/28**  
[25] EN  
[54] **ENCAPSULATED BARRIER FOR FLEXIBLE FILMS AND A METHOD OF MAKING THE SAME**  
[54] **BARRIERE ENCAPSULEE POUR FILMS FLEXIBLES ET SON PROCEDE DE FABRICATION**  
[72] BLEMBERG, ROBERT J., US  
[72] PETKOVSEK, GREGORY L., US  
[72] PERRE, CHAD M., US  
[72] HODSON, JAY D., US  
[72] BUELOW, DUANE H., US  
[71] PECHINEY EMBALLAGE FLEXIBLE EUROPE, FR  
[85] 2003-02-26  
[86] 2001-08-28 (PCT/US2001/026688)  
[87] 2002-03-07 (WO2002/018139)  
[30] US (09/650,385) 2000-08-29

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[13] A1

[51] **Int.Cl. 7A23L 3/3508 7A23B 7/10 7A23B 4/12 7A23L 3/3526 7A23L 3/358**  
[25] EN  
[54] **HIGHLY ACIDIC COMPOSITION COMPRISING AN ORGANIC ACID IN THE PRESENCE OF METAL CATIONS**  
[54] **ACIDE ORGANIQUE A BASE DE METAL FORTEMENT ACIDE**  
[72] CARPENTER, ROBERT H., US  
[72] LEWIS, DAVID E., US  
[72] LALUM, ROBERT BLAINE, US  
[72] KEMP, MAURICE CLARENCE, US  
[71] MIONIX CORPORATION, US  
[85] 2003-02-28  
[86] 2001-08-30 (PCT/US2001/041954)  
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[30] US (09/655,131) 2000-09-05

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[13] A1

[51] **Int.Cl. 7C07D 401/06 7A61P 35/00 7C07D 401/04 7C07D 401/14 7C07D 221/16 7A61K 31/435**  
[25] EN  
[54] **TRICYCLIC ANTITUMOR COMPOUNDS BEING FARNESYL PROTEIN TRANSFERASE INHIBITORS**  
[54] **COMPOSES ANTITUMORAUX TRICYCLIQUES SOUS FORME D'INHIBITEURS DE LA FARNESYL-PROTEINE TRANSFERASE**  
[72] DOLL, RONALD J., US  
[72] ZHU, HUGH Y., US  
[72] KEERTIKAR, KARTIK M., US  
[72] DESAI, JAGDISH A., US  
[72] ALVAREZ, CARMEN S., US  
[72] WANG, JAMES, US  
[72] JAMES, RAY A., US  
[72] HUANG, CHIA-YU, US  
[72] BISHOP, ROBERT W., US  
[72] GIRIJAVALLABHAN, VIYYOOR MOOPIL, US  
[72] MINOR, KEITH P., US  
[72] COOPER, ALAN B., US  
[72] LI, GE, CN  
[72] BALDWIN, JOHN J., US  
[72] NJOROGUE, F. GEORGE, US  
[72] VIBULBHAN, BANCHA, US  
[72] SANTHANAM, BAMA, US  
[72] RANE, DINANATH F., US  
[72] PINTO, PATRICK A., US  
[72] GUZI, TIMOTHY, US  
[71] SCHERING CORPORATION, US  
[71] PHARMACOPEIA, INC., US  
[85] 2003-02-26  
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[87] 2002-03-07 (WO2002/018368)  
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[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **BUSINESS TRANSACTION SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE POUR TRANSACTION COMMERCIALE**  
[72] GEDDES, WILLIAM T., JR., US  
[72] CHASE, PETER N., US  
[72] GHERARDI, THOMAS G., US  
[71] GCG, INC., US  
[85] 2003-02-27  
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[87] 2002-03-07 (WO2002/019205)  
[30] US (09/650,045) 2000-08-29

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[13] A1

[51] **Int.Cl. 7C08F 257/00 7B01J 20/26 7G01N 30/48**  
[25] EN  
[54] **FUNCTIONALIZED POLYMERIC MEDIA FOR SEPARATION OF ANALYTES**  
[54] **MILIEUX POLYMERES FONCTIONNALISES POUR LA SEPARATION D'ANALYSATS**  
[72] DEORKAR, NANDKUMAR V., US  
[72] BOUIS, PAUL A., US  
[72] FARINA, JAMES, US  
[71] MALLINCKRODT BAKER INC., US  
[85] 2003-02-26  
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[87] 2002-03-07 (WO2002/018464)  
[30] US (60/228,456) 2000-08-29

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[51] **Int.Cl. 7B01D 67/00 7B01D 69/12 7B01D 71/34 7B01D 71/36**  
[25] EN  
[54] **MODIFIED POLYMER HAVING IMPROVED PROPERTIES AND PROCESS FOR MANUFACTURING SAME**  
[54] **POLYMERE MODIFIE ET PROCEDE DE FABRICATION DE CE POLYMERE**  
[72] SIMONETTI, JOHN A., US  
[71] PTI ADVANCED FILTRATION, INC., US  
[85] 2003-02-26  
[86] 2001-08-21 (PCT/US2001/026173)  
[87] 2002-03-07 (WO2002/018039)  
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[25] EN  
[54] **SYSTEM FOR CLOSED LOOP POWER CONTROL USING A LINEAR OR A NON-LINEAR POWER AMPLIFIER**  
[54] **SYSTEME POUR LA REGULATION DE PUISSANCE D'UNE BOUCLE FERMEE A L'AIDE D'UN AMPLIFICATEUR DE PUISSANCE LINEAIRE OU NON LINEAIRE**  
[72] DAMGAARD, MORTEN, US  
[72] DOMINO, WILLIAM J., US  
[72] ROZENBLIT, DMITRIY, US  
[72] CLARK, RICKE W., US  
[71] CONEXANT SYSTEMS, INC., US  
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[87] 2002-03-07 (WO2002/019545)  
[30] US (09/650,987) 2000-08-30

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[13] A1

[51] **Int.Cl. 7A61B 17/00**  
[25] EN  
[54] **TOOLS AND METHODS FOR CREATING CAVITIES IN BONE**  
[54] **OUTILS ET PROCEDES PERMETTANT DE CREER DES CAVITES DANS DES OS**  
[72] LEHMICKE, MIKE, US  
[72] KEPHART, DOUGLAS, US  
[72] BINDER, LARRY, US  
[72] THONGPREDA, NISRA, US  
[72] WEIKEL, STUART, US  
[71] SYNTHES (U.S.A.), US  
[85] 2003-02-26  
[86] 2001-08-30 (PCT/US2001/026994)  
[87] 2002-03-07 (WO2002/017794)  
[30] US (60/229,303) 2000-09-01  
[30] US (09/939,759) 2001-08-28

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[13] A1

[51] **Int.Cl. 7A61L 15/00 7A61F 13/02 7A61P 17/02 7A61K 9/70**  
[25] EN  
[54] **PREPARATIONS FOR COATING WOUND**  
[54] **PREPARATION POUR PANSEMENTS**  
[72] HANAOKA, YOSHIKI, JP  
[72] MORIMOTO, SHINICHI, JP  
[72] UMEHARA, NORIMITSU, JP  
[72] KASAI, SHUICHI, JP  
[72] MURATA, MISAO, JP  
[72] OTSUKA, SHIGENORI, JP  
[72] IMAMORI, KATSUMI, JP  
[71] SSP CO., LTD., JP  
[85] 2003-02-26  
[86] 2001-09-13 (PCT/JP2001/007945)  
[87] 2003-02-26 (WO2002/022182)  
[30] JP (2000-279363) 2000-09-14

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[25] EN  
[54] **GUANIDINOBENZAMIDES AS MC4-R AGONISTS**  
[54] **NOUVEAU GUADININOBENZAMIDES**  
[72] TOZZO, EFFIE, US  
[72] JOHNSON, KIRK, US  
[72] MYLES, DAVID, US  
[72] BOYCE, RUSTUM, US  
[72] DUHL, DAVID, US  
[72] NI, ZHI-JIE, US  
[72] CHU, DANIEL, US  
[72] RENHOWE, PAUL A., US  
[71] CHIRON CORPORATION, US  
[85] 2003-02-26  
[86] 2001-08-31 (PCT/US2001/027206)  
[87] 2002-03-07 (WO2002/018327)  
[30] US (60/230,565) 2000-08-31  
[30] US (60/245,579) 2000-11-06

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[13] A1

[51] **Int.Cl. 7G01V 3/15**  
[25] EN  
[54] **MULTI-AXIS LOCATOR FOR DETECTION OF BURIED TARGETS**  
[54] **DISPOSITIF DE LOCALISATION MULTI-AXIAL POUR DETECTION DE CIBLES ENTERREES**  
[72] GOODMAN, WILLIAM L., US  
[71] GAS RESEARCH INSTITUTE, US  
[85] 2003-02-26  
[86] 2001-08-30 (PCT/US2001/027276)  
[87] 2002-03-07 (WO2002/018978)  
[30] US (60/229,496) 2000-08-30  
[30] US (09/945,550) 2001-08-30

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[13] A1

[51] **Int.Cl. 7C10G 29/20 7C01B 15/00 7C10G 17/02 7C10G 29/22 7C10G 29/24**  
[25] EN  
[54] **PROCESS FOR REMOVING LOW AMOUNTS OF ORGANIC SULFUR FROM HYDROCARBON FUELS**  
[54] **PROCEDE SERVANT A EXTRAIRE DE FAIBLES QUANTITES DE SOUFRE ORGANIQUE DE COMBUSTIBLES HYDROCARBURES**  
[72] DECANIO, STEPHEN J., US  
[72] RAPPAS, ALKIS S., US  
[72] NERO, VINCENT P., US  
[71] UNIPURE CORPORATION, US  
[85] 2003-02-26  
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[87] 2002-03-07 (WO2002/018518)  
[30] US (09/654,016) 2000-09-01

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[13] A1

[51] **Int.Cl. 7F04D 17/12 7F04D 17/06 7F02C 3/08**  
[25] EN  
[54] **MIXED FLOW AND CENTRIFUGAL COMPRESSOR FOR GAS TURBINE ENGINE**  
[54] **COMPRESSEUR HELICO-CENTRIFUGE ET CENTRIFUGE POUR TURBINE A GAZ**  
[72] WEIR, GARY, CA  
[72] YOUSSEF, NASHED, CA  
[71] PRATT & WHITNEY CANADA CORP./PRATT & WHITNEY CANADA CIE., CA  
[85] 2003-02-25  
[86] 2001-09-21 (PCT/CA2001/001335)  
[87] 2002-04-11 (WO2002/029252)  
[30] US (09/680,281) 2000-10-06

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[21] **2,420,719**  
[13] A1

[51] **Int.Cl. 7G06T 7/20 7G06T 1/00 7G06T 3/00 7H04N 5/262**  
[25] EN  
[54] **IMAGE PROCESSING APPARATUS AND METHOD, AND IMAGE PICKUP APPARATUS**  
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'IMAGES ET DISPOSITIF DE PRISE DE VUES**  
[72] SAWAO, TAKASHI, JP  
[72] ISHIBASHI, JUNICHI, JP  
[72] KONDO, TETSUJIRO, JP  
[72] WADA, SEIJI, JP  
[72] FUJIWARA, NAOKI, JP  
[72] NAGANO, TAKAHIRO, JP  
[72] MIYAKE, TORU, JP  
[71] SONY CORPORATION, JP  
[85] 2003-02-25  
[86] 2002-06-20 (PCT/JP2002/006178)  
[87] 2003-02-25 (WO2003/001453)  
[30] JP (2001-191004) 2001-06-25

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[21] **2,420,723**  
[13] A1

[51] **Int.Cl. 7B05D 1/18 7B05D 3/10**  
[25] EN  
[54] **PROCESS FOR COATING A MATERIAL SURFACE**  
[54] **PROCEDE DE REVETEMENT DE LA SURFACE D'UN MATERIAU**  
[72] LOHMANN, DIETER, CH  
[72] CHABRECEK, PETER, CH  
[72] LEUKEL, JORG, DE  
[71] NOVARTIS AG, CH  
[85] 2003-02-25  
[86] 2001-10-15 (PCT/EP2001/011883)  
[87] 2002-04-25 (WO2002/032590)  
[30] EP (00122542.4) 2000-10-16

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[21] **2,420,727**  
[13] A1

[51] **Int.Cl. 7C07D 403/12 7C07D 209/00 7C07D 249/00 7A61K 31/41**  
[25] EN  
[54] **TRIAZOLE DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS COMPRISING THEM**  
[54] **DERIVES DE TRIAZOLE ET COMPOSITIONS PHARMACEUTIQUES LES COMPRENANT**  
[72] PODANYI, BENJAMIN, HU  
[72] FREHEL, DANIEL, FR  
[72] CSIKOS, EVA, HU  
[72] BIGNON, ERIC, FR  
[72] MORVAI, MIKLOS, HU  
[72] HEJA, GERGELY, HU  
[72] GONCZI, CSABA, HU  
[72] VARKONYINE SCHLOVICSKO, ERIKA, HU  
[71] SANOFI-SYNTHELABO, FR  
[85] 2003-02-25  
[86] 2001-10-25 (PCT/EP2001/012984)  
[87] 2002-05-02 (WO2002/034743)  
[30] FR (00/13728) 2000-10-26  
[30] HU (P 0004153) 2000-10-26

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[21] **2,420,729**  
[13] A1

[51] **Int.Cl. 7E01F 15/14**  
[25] EN  
[54] **HEAD ASSEMBLY FOR GUARDRAIL EXTRUDER TERMINAL**  
[54] **ET-PLUS: DISPOSITIF DE TETE POUR EXTREMITE DE GLISSIERE DE SECURITE**  
[72] BROWN, STEVE, US  
[72] BLIGH, ROGER, US  
[72] BUTH, EUGENE, US  
[72] ROSS, HAYES E., US  
[71] THE TEXAS A&M UNIVERSITY SYSTEM, US  
[85] 2003-02-26  
[86] 2001-08-31 (PCT/US2001/027062)  
[87] 2002-03-07 (WO2002/018708)  
[30] US (60/229,486) 2000-08-31

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[21] **2,420,731**  
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 12/58**  
[25] FR  
[54] **PROCEDE POUR GENERER LES PREUVES DE L'ENVOI ET DE LA RECEPTION PAR UN RESEAU DE TRANSMISSION DE DONNEES D'UN ECRIT ELECTRONIQUE ET DE SON CONTENU**  
[54] **METHOD FOR PRODUCING EVIDENCE OF THE TRANSMITTAL AND RECEPTION THROUGH A DATA TRANSMISSION NETWORK OF AN ELECTRONIC DOCUMENT AND ITS CONTENTS**  
[72] VASSEUR, FRANCOIS-JOSEPH, FR  
[71] VASSEUR, FRANCOIS-JOSEPH, FR  
[85] 2003-02-24  
[86] 2001-09-10 (PCT/FR2001/002801)  
[87] 2002-03-21 (WO2002/023863)  
[30] FR (00/11658) 2000-09-13

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[21] **2,420,732**  
[13] A1

[51] **Int.Cl. 7B01D 33/03**  
[25] EN  
[54] **A SCREEN FOR A SHALE SHAKER**  
[54] **CRIBLE POUR TAMIS VIBRANT**  
[72] ADAMS, THOMAS COLE, US  
[72] SCHULTE, DAVID LEE JR., US  
[72] LARGENT, DAVID WAYNE, US  
[72] MCCLUNG III, GUY LAMONT, US  
[72] SEYFFERT, KENNETH WAYNE, US  
[71] VARCO I/P, INC., US  
[85] 2003-02-25  
[86] 2001-10-17 (PCT/GB2001/004599)  
[87] 2002-05-02 (WO2002/034358)  
[30] US (09/696,662) 2000-10-25

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[21] **2,420,734**  
[13] A1

[51] **Int.Cl. 7B42D 15/00**  
[25] EN  
[54] **FOLDED SHEETS**  
[54] **FEUILLES PLIEES**  
[72] MCDONALD, GEORGE, WALLACE, GB  
[71] MCDONALD, GEORGE, WALLACE, GB  
[85] 2003-02-27  
[86] 2001-09-13 (PCT/GB2001/004113)  
[87] 2002-03-21 (WO2002/022375)  
[30] GB (0022649.8) 2000-09-14

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[21] **2,420,735**  
[13] A1

[51] **Int.Cl. 7F16C 39/06**  
[25] EN  
[54] **MAGNETIC BEARING, AS A BEARING FOR A SHAFT WHICH CAN ROTATE, USING A HIGH-TC MATERIAL**  
[54] **PALIER MAGNETIQUE TEL UN PALIER POUR UN ARBRE POUVANT ETRE TOURNE, UTILISANT UN MATERIAU A HAUTE TENEUR TC**  
[72] STEINMEYER, FLORIAN, GB  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2003-02-26  
[86] 2001-08-20 (PCT/DE2001/003173)  
[87] 2003-02-26 (WO2002/018807)  
[30] DE (100 42 962.9) 2000-08-31

[21] **2,420,737**  
[13] A1

[51] **Int.Cl. 7B09B 5/00 7B29B 17/02 7H01J 9/52**  
[25] EN  
[54] **DEVICE AND METHOD FOR PEELING FILM**  
[54] **DISPOSITIF ET PROCEDE DE DECOLLEMENT DE PELLICULE**  
[72] OGAWA, KUNIO, JP  
[72] OHWADA, YOSHIKI, JP  
[72] YUDA, TAKESHI, JP  
[72] OZEKI, AKIO, JP  
[71] SONY CORPORATION, JP  
[85] 2003-02-25  
[86] 2001-12-05 (PCT/JP2001/010643)  
[87] 2003-02-25 (WO2002/047835)  
[30] JP (2000-376624) 2000-12-11

[21] **2,420,738**  
[13] A1

[51] **Int.Cl. 7F16L 1/11 7F16L 9/12**  
[25] EN  
[54] **LOCATABLE MAGNETIZED POLYETHYLENE GAS PIPE DISTRIBUTION SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION DE GAZ PAR TUYAU EN POLYETHYLENE MAGNETISE, LOCALISABLE**  
[72] GOODMAN, WILLIAM L., US  
[71] GAS RESEARCH INSTITUTE, US  
[85] 2003-02-26  
[86] 2001-08-30 (PCT/US2001/027059)  
[87] 2002-03-07 (WO2002/018831)  
[30] US (60/229,276) 2000-08-30  
[30] US (09/945,568) 2001-08-30

[21] **2,420,741**  
[13] A1

[51] **Int.Cl. 7F16L 55/11**  
[25] EN  
[54] **A MEMBER FOR REMOVABLY CLOSING A CYLINDRICAL OPENING**  
[54] **ELEMENT PERMETTANT D'OBTURER UNE OUVERTURE CYLINDRIQUE DE FACON AMOVIBLE**  
[72] BINGHAM, BRUCE W., US  
[72] MORGAN, MARK A., US  
[72] GARRISON, TONY R., US  
[72] BILLINGTON, RANDY B., US  
[72] WILSON, BUDDY A., US  
[71] TDW DELAWARE, INC., US  
[85] 2003-02-26  
[86] 2001-08-30 (PCT/US2001/026993)  
[87] 2002-03-07 (WO2002/018835)  
[30] US (60/229,853) 2000-09-01  
[30] US (09/757,188) 2001-01-09

[21] **2,420,744**  
[13] A1

[51] **Int.Cl. 7A61L 9/01 7A01K 1/00 7A61L 9/014 7A61L 9/16 7A61K 7/32**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR REDUCING ODOR**  
[54] **COMPOSITIONS ET PROCEDES PERMETTANT D'ATTENUER LES ODEURS**  
[72] HOCHWALT, MARK A., US  
[72] TREHY, MICHAEL L., US  
[71] SOLUTIA INC., US  
[85] 2003-02-25  
[86] 2001-09-06 (PCT/US2001/042060)  
[87] 2002-07-18 (WO2002/055115)  
[30] US (60/232,151) 2000-09-07

[21] **2,420,759**  
[13] A1

[51] **Int.Cl. 7A61K 31/365 7C07C 401/00 7A61P 5/18 7C07D 307/58 7A61K 31/593**  
[25] EN  
[54] **PARATHYROID HORMONE PRODUCTION INHIBITORS CONTAINING VITAMIN D3 DERIVATIVES**  
[54] **INHIBITEURS DE LA PRODUCTION DE PARATHORMONE CONTENANT DES DERIVES DE VITAMINE D3**  
[72] MANABE, KENJI, JP  
[72] MIURA, DAISHIRO, JP  
[72] GAO, QINGZHI, JP  
[72] ISHIZUKA, SEIICHI, JP  
[72] SOGAWA, RYO, JP  
[72] TAKENOUCI, KAZUYA, JP  
[71] TEIZIN LIMITED, JP  
[85] 2003-02-27  
[86] 2001-08-29 (PCT/JP2001/007431)  
[87] 2003-02-27 (WO2002/017911)  
[30] JP (2000-260582) 2000-08-30

[21] **2,420,763**  
[13] A1

[51] **Int.Cl. 7C01B 3/04 7C06B 43/00 7C06B 45/00 7B01J 7/00 7C06D 5/06**  
[25] EN  
[54] **PORTABLE HYDROGEN SOURCE**  
[54] **SOURCE D'HYDROGENE PORTABLE**  
[72] MEPSTED, GARY OWEN, GB  
[72] SCATTERGOOD, DARREN PAUL, GB  
[72] JONES, PETER BRIAN, GB  
[72] BROWNING, DARREN JONATHAN, GB  
[71] QINETIQ LIMITED, GB  
[85] 2003-02-27  
[86] 2001-08-21 (PCT/GB2001/003756)  
[87] 2002-03-07 (WO2002/018267)  
[30] GB (0021386.8) 2000-09-01

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[21] **2,420,764**  
[13] A1

[51] **Int.Cl. 7C07F 17/02 7C10M 139/06**  
[25] EN  
[54] **COMPOSITIONS COMPRISING DIMERIC OR OLIGOMERIC FERROCENES**  
[54] **COMPOSITIONS CONTENANT DES FERROCENES DIMERES OU OLIGOMERES**  
[72] KALISCHEWSKI, WERNER, DE  
[72] LOHMANN, GABRIELE, DE  
[72] MARSCHESKI, ARMIM, DE  
[72] COOK, STEPHEN LEONARD, GB  
[71] THE ASSOCIATED OCTEL COMPANY LIMITED, GB  
[85] 2003-02-27  
[86] 2001-08-30 (PCT/GB2001/003897)  
[87] 2002-03-07 (WO2002/018398)  
[30] DE (100 43 144.5) 2000-08-31  
[30] GB (0030376.8) 2000-12-13

[21] **2,420,766**  
[13] A1

[51] **Int.Cl. 7A61K 33/04 7A61P 3/02 7A23K 1/175 7A61K 33/30 7A61K 33/32 7A61K 33/34**  
[25] EN  
[54] **TRACE ELEMENTS**  
[54] **OLIGO-ELEMENTS**  
[72] LAURIE, ROBERT NAYLOR, ZA  
[72] VOSLOO, LAMBERTUS PETRUS, ZA  
[71] WARBURTON TECHNOLOGY LIMITED, IE  
[85] 2003-02-27  
[86] 2001-08-17 (PCT/IB2001/001486)  
[87] 2002-03-07 (WO2002/017933)  
[30] ZA (00/4456) 2000-08-28

[21] **2,420,822**  
[13] A1

[51] **Int.Cl. 7A47J 27/18**  
[25] EN  
[54] **METHOD AND DEVICE FOR PREPARING PRE-COOKED MEALS**  
[54] **PROCEDE ET DISPOSITIF DE PREPARATION DE PLATS PRECUISINES**  
[72] LEUTWYLER, ROBERT, CH  
[71] PASTA & SUGHI S.A., CH  
[85] 2003-02-28  
[86] 2001-08-27 (PCT/CH2001/000520)  
[87] 2003-02-28 (WO2002/017760)  
[30] CH (1703/00) 2000-08-31

[21] **2,420,826**  
[13] A1

[51] **Int.Cl. 7A47K 13/06**  
[25] EN  
[54] **TOILET SEAT FOR CHILDREN'S USE**  
[54] **SIEGE DE TOILETTES DESTINE AUX ENFANTS**  
[72] COURTNEY, ANTHONY MICHAEL, GB  
[71] COURTNEY, ANTHONY MICHAEL, GB  
[85] 2003-02-28  
[86] 2001-08-29 (PCT/GB2001/003850)  
[87] 2002-03-07 (WO2002/017765)  
[30] GB (0021546.7) 2000-09-02

[21] **2,420,830**  
[13] A1

[51] **Int.Cl. 7A61F 9/007**  
[25] FR  
[54] **DRAIN A GLAUCOME**  
[54] **GLAUCOMA DRAIN**  
[72] DAHAN, ELIE, ZA  
[71] IOLTECHNOLOGIE-PRODUCTION, FR  
[85] 2003-02-28  
[86] 2001-08-31 (PCT/FR2001/002714)  
[87] 2002-03-07 (WO2002/017832)  
[30] FR (00/11190) 2000-09-01

[21] **2,420,835**  
[13] A1

[51] **Int.Cl. 7A61K 31/22**  
[25] EN  
[54] **COMPOSITION AND METHOD FOR TREATMENT OF HYPERTRIGLYCERIDEMIA**  
[54] **COMPOSITION ET METHODE DE TRAITEMENT DE L'HYPERTRIGLYCERIDEMIE**  
[72] SURETTE, MARC E., US  
[71] PILOT THERAPEUTICS, INC., US  
[85] 2003-02-28  
[86] 2001-08-21 (PCT/US2001/026053)  
[87] 2002-03-07 (WO2002/017906)  
[30] US (60/228,930) 2000-08-30  
[30] US (09/826,437) 2001-04-05

[21] **2,420,844**  
[13] A1

[51] **Int.Cl. 7A61K 31/404 7A61P 43/00 7A61P 9/04 7A61K 45/06 7A61P 9/10 7A61K 31/22 7A61K 31/366 7A61K 31/41 7A61K 31/4184 7A61K 31/47 7A61K 31/505**  
[25] EN  
[54] **MEDICINAL COMPOSITIONS FOR PREVENTING OR TREATING HEART FAILURE**  
[54] **COMPOSITIONS MEDICINALES UTILISEES DANS LA PREVENTION OU LE TRAITEMENT DE L'INSUFFISANCE CARDIAQUE**  
[72] LEE, TSUNG MING, TW  
[72] HSIAO, CHIA-LING, TW  
[72] SU, SHEN-FANG, TW  
[72] CHU, CHIA-WEI, TW  
[72] LEE, BAI-CHING, TW  
[71] SANKYO COMPANY, LIMITED, JP  
[85] 2003-02-28  
[86] 2001-08-29 (PCT/JP2001/007437)  
[87] 2003-02-28 (WO2002/017913)  
[30] JP (2000-260949) 2000-08-30

[21] **2,420,846**  
[13] A1

[51] **Int.Cl. 7A61K 31/57 7A61P 13/10 7A61K 31/352**  
[25] EN  
[54] **TREATMENT OF URINARY DYSFUNCTION**  
[54] **TRAITEMENT CONTRE LE DYSFONCTIONNEMENT URINAIRE**  
[72] BARDEN, JULIAN ALEXANDER, AU  
[72] GIDLEY-BAIRD, ANGUS, AU  
[71] INTREAT PTY LIMITED, AU  
[85] 2003-02-28  
[86] 2001-08-28 (PCT/AU2001/001079)  
[87] 2002-03-07 (WO2002/017929)  
[30] AU (PQ 9687) 2000-08-28

[21] **2,420,850**  
[13] A1

[51] **Int.Cl. 7A61K 38/22 7A61K 47/02 7A61K 9/08 7A61K 47/18 7A61K 47/26**  
[25] EN  
[54] **SOLUTION PREPARATIONS STABILIZED OVER LONG TIME**  
[54] **PREPARATIONS DE SOLUTIONS STABILISEES SUR UNE LONGUE PERIODE DE TEMPS**  
[72] SATO, YASUSHI, JP  
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP  
[85] 2003-02-28  
[86] 2001-09-03 (PCT/JP2001/007600)  
[87] 2003-02-28 (WO2002/017957)  
[30] JP (2000-266095) 2000-09-01

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[21] **2,420,853**  
[13] A1  
[51] **Int.Cl. 7C05F 3/06 7C05F 9/02 7A01K 67/033 7C05F 11/06 7B65D 90/12 7B65G 65/34 7B65D 88/56**  
[25] EN  
[54] **IMPROVED ORGANIC MATERIAL TREATMENT APPARATUS, SYSTEM AND METHOD**  
[54] **INSTALLATION, SYSTEME ET PROCEDE DE TRAITEMENT AMELIORE POUR MATIERES ORGANIQUES**  
[72] WALKER, ROBERT JOHN, AU  
[71] ASO HOLDINGS PTY LTD, AU  
[85] 2003-02-28  
[86] 2001-09-10 (PCT/AU2001/001140)  
[87] 2002-03-14 (WO2002/020428)  
[30] AU (PR 0019) 2000-09-08  
[30] AU (PR 1500) 2000-11-15  
[30] AU (PR 4428) 2001-04-17

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[21] **2,420,854**  
[13] A1  
[51] **Int.Cl. 7A61K 9/00 7A61M 37/00 7A61K 9/26 7A61K 9/30 7A61P 25/36 7A61K 31/485**  
[25] EN  
[54] **SLOW RELEASE PHARMACEUTICAL PREPARATION AND METHOD OF ADMINISTERING SAME**  
[54] **PREPARATION PHARMACEUTIQUE A LIBERATION LENTE ET SON PROCEDE D'ADMINISTRATION**  
[72] O'NEIL, ALEXANDER GEORGE B., AU  
[72] LIU, YANDI, AU  
[71] PALMAYA PTY LTD, AU  
[85] 2003-02-28  
[86] 2001-09-03 (PCT/AU2001/001107)  
[87] 2002-03-07 (WO2002/017971)  
[30] AU (PQ 9851) 2000-09-01  
[30] AU (PQ 9852) 2000-09-01

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[21] **2,420,858**  
[13] A1  
[51] **Int.Cl. 7C08K 5/12 7C08L 27/06**  
[25] EN  
[54] **PREPARING STERILE ARTICLES FROM POLYMERS CONTAINING A STABILISER BASED ON A POLY(OXYALKYLENE)**  
[54] **PREPARATION D'ARTICLES STERILES A PARTIR DE POLYMERES CONTENANT UN STABILISATEUR A BASE DE POLY(OXYALKYLENE)**  
[72] NAGY, SANDOR, US  
[72] WANG, QI, US  
[71] OCCIDENTAL CHEMICAL CORPORATION, US  
[85] 2003-02-28  
[86] 2001-08-30 (PCT/GB2001/003889)  
[87] 2002-03-07 (WO2002/017972)  
[30] US (09/654,359) 2000-09-01

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[21] **2,420,859**  
[13] A1  
[51] **Int.Cl. 7A61M 37/00**  
[25] EN  
[54] **MICRONEEDLE STRUCTURE AND PRODUCTION METHOD THEREFOR**  
[54] **STRUCTURE A MICRO-AIGUILLES ET PROCEDE DE PRODUCTION DE LADITE STRUCTURE**  
[72] DE BOER, MEINT, NL  
[72] YESHURUN, YEHOSHUA, IL  
[72] BERENSCHOT, J. W., NL  
[72] GARDENIERS, J. G. E., NL  
[72] HEFETZ, MEIR, IL  
[71] NANOPASS LTD., IL  
[85] 2003-02-28  
[86] 2001-08-28 (PCT/IL2001/000806)  
[87] 2002-03-07 (WO2002/017985)  
[30] IL (138131) 2000-08-28  
[30] US (09/677,175) 2000-10-02

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[21] **2,420,860**  
[13] A1  
[51] **Int.Cl. 7A61F 5/48 7A61F 2/00**  
[25] EN  
[54] **DEVICE FOR ELECTRICAL STIMULATION AND SENSING OF MUSCLES AND NERVES OF THE INTRAVAGINAL CAVITY**  
[54] **DISPOSITIF VAGINAL PERMETTANT DE STIMULER ELECTRIQUEMENT DES MUSCLES ET/OU DES NERFS DELIMITANT LA CAVITE VAGINALE ET L'ENVELOPPANT ET/OU D'EN DETECTER L'ACTIVITE ELECTRIQUE**  
[72] EINI, MEIR, IL  
[72] BAUR, CATHERINA, IL  
[72] BAUR, ALFONS C., IL  
[72] TAMARKIN, DOV, IL  
[72] SARIG, JUDITH, IL  
[71] EINI, MEIR, IL  
[71] BAUR, CATHERINA, IL  
[71] BAUR, ALFONS C., IL  
[71] TAMARKIN, DOV, IL  
[71] SARIG, JUDITH, IL  
[85] 2003-02-28  
[86] 2001-08-30 (PCT/IL2001/000824)  
[87] 2002-03-07 (WO2002/017987)  
[30] US (09/653,263) 2000-08-31

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[21] **2,420,868**  
[13] A1  
[51] **Int.Cl. 7B32B 15/00 7C23C 4/06**  
[25] EN  
[54] **ARTICLE INCLUDING A COMPOSITE OF UNSTABILIZED ZIRCONIUM OXIDE PARTICLES IN A METALLIC MATRIX, AND ITS PREPARATION**  
[54] **ARTICLE RENFERMANT UN COMPOSITE D'OXYDE DE ZIRCONIUM NON STABILISE DANS UNE MATRICE METALLIQUE ET SON MODE DE PREPARATION**  
[72] CROOPNICK, GERALD A., US  
[71] AMORPHOUS TECHNOLOGIES INTERNATIONAL, US  
[85] 2003-02-28  
[86] 2001-08-29 (PCT/US2001/026007)  
[87] 2002-03-07 (WO2002/018130)  
[30] US (09/650,977) 2000-08-29

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[21] **2,420,870**  
[13] A1

[51] **Int.Cl. 7B44C 3/02 7B29C 71/02 7B32B 17/10 7C03C 27/12 7C03C 8/24**  
[25] EN  
[54] **IMAGE CARRYING LAMINATED MATERIAL**  
[54] **MATERIAU STRATIFIE PORTEUR D'IMAGE**  
[72] ANDERSON, ANTHONY JOHN LUKE, AU  
[72] REYNOLDS, MILTON CHARLES, AU  
[72] MC CLUSKEY, GERARD MICHAEL, AU  
[71] DIGIGLASS PTY. LTD., AU  
[85] 2003-02-28  
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[87] 2002-03-07 (WO2002/018154)  
[30] AU (PQ 9830) 2000-09-01  
[30] AU (PR 0567) 2000-10-04  
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[21] **2,420,872**  
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[51] **Int.Cl. 7G01R 31/02 7H01F 27/00 7H01H 33/26 7H01H 9/50**  
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[54] **RE-LOCATABLE PARTIAL DISCHARGE TRANSDUCER HEAD**  
[54] **TETE DE TRANSDUCTEUR REINSTALLABLE A DECHARGE PARTIELLE**  
[72] TALLIS, DAVID, AU  
[72] UNSWORTH, JOSEPH, AU  
[71] SIEMENS LIMITED, AU  
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[25] EN  
[54] **ACTIVE INGREDIENT COMBINATIONS WITH INSECTICIDAL AND ACARICIDAL PROPERTIES**  
[54] **COMBINAISONS DE PRINCIPES ACTIFS A PROPRIETES INSECTICIDES ET ACARICIDES**  
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[72] ERDELEN, CHRISTOPH, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
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[25] EN  
[54] **METHODS FOR PREDICTING IMPAIRED PERFORMANCE IN EQUINES**  
[54] **METHODES DE PREVISION D'UNE BAISSSE DES PERFORMANCES CHEZ DES CHEVAUX**  
[72] PANG, GERALD, AU  
[72] CLANCY, ROBERT LLEWELLYN, AU  
[71] EQUINE ALERT PTY LTD., AU  
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[30] AU (PQ 9756) 2000-08-29  
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[51] **Int.Cl. 7H04L 12/46 7H04L 12/44**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SEARCHING A FILTERING DATABASE WITH ONE SEARCH OPERATION**  
[54] **PROCEDE ET APPAREIL DE RECHERCHE DANS UNE BASE DE DONNEES DE FILTRAGE PAR UNE SEULE OPERATION DE RECHERCHE**  
[72] BROWN, DAVID A., CA  
[71] MOSAID TECHNOLOGIES INCORPORATED, CA  
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[86] 2001-08-30 (PCT/CA2001/001226)  
[87] 2002-03-07 (WO2002/019638)  
[30] US (09/652,196) 2000-08-31

[21] **2,420,880**  
[13] A1

[51] **Int.Cl. 7B68G 7/05**  
[25] EN  
[54] **APPARATUS FOR UPHOLSTERING COMPONENTS OF CHAIRS, ARMCHAIRS OR THE LIKE**  
[54] **APPAREIL DE GARNISSAGE DE COMPOSANTS DE CHAISES, FAUTEUILS D'ARTICLES SIMILAIRES**  
[72] FERRONATO, GIOVANNI, IT  
[71] ARMET SPA, IT  
[85] 2003-02-28  
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[87] 2002-03-14 (WO2002/020394)  
[30] IT (PD2000A000214) 2000-09-07

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[25] EN  
[54] **TEARTAPE**  
[54] **BANDE DE DECHIRURE**  
[72] PINCHEN, STEPHEN, GB  
[71] P.P. PAYNE LIMITED, GB  
[85] 2003-02-28  
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[25] EN  
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[54] **PROCEDE DE COMMANDE DE PUISSANCE DANS UN SYSTEME DE COMMUNICATION OPTIQUE**  
[72] ARNOLD, PHILIP ANDREW, GB  
[71] MARCONI COMMUNICATIONS LIMITED, GB  
[85] 2003-02-28  
[86] 2001-09-12 (PCT/GB2001/004087)  
[87] 2002-03-21 (WO2002/023770)  
[30] GB (0022607.6) 2000-09-13

[21] **2,420,910**  
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[51] **Int.Cl. 7E01C 13/08 7A63C 19/04**  
[25] EN  
[54] **MODULAR SYNTHETIC GRASS TURF ASSEMBLY**  
[54] **ENSEMBLE PELOUSE EN HERBE SYNTHETIQUE MODULAIRE**  
[72] PREVOST, JEAN, CA  
[71] FIELDTURF INC., CA  
[85] 2003-02-28  
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[72] PAISTE, ROBERT, CH  
[71] PAISTE AG, CH  
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[13] A1

[51] **Int.Cl. 7H01M 8/02**  
[25] EN  
[54] **BIPOLAR PLATE FOR A FUEL CELL**  
[54] **PLAQUE BIPOLAIRE POUR UNE CELLULE ELECTROCHIMIQUE**  
[72] BEWER, THOMAS, DE  
[72] DOHLE, HENDRIK, DE  
[71] FORSCHUNGSZENTRUM JULICH GMBH, DE  
[85] 2003-02-28  
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[87] 2003-02-28 (WO2002/019453)  
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[13] A1

[51] **Int.Cl. 7C07C 317/24 7A01N 35/06 7A01N 41/10 7C07C 49/84**  
[25] EN  
[54] **HERBICIDALLY ACTIVE BENZOYL CYCLOHEXANEDIONES**  
[54] **BENZOYLECYCLOHEXANEDIONE A ACTION HERBICIDE**  
[72] WILLMS, LOTHAR, DE  
[72] SEITZ, THOMAS, DE  
[72] VAN ALMSICK, ANDREAS, DE  
[72] AULER, THOMAS, DE  
[72] MENNE, HUBERT, DE  
[72] BIERINGER, HERMANN, DE  
[71] AVENTIS CROPS SCIENCE GMBH, DE  
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[13] A1

[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DYNAMIC WEB-PAGE GENERATION, AND COMPUTER-READABLE STORAGE**  
[54] **PROCEDE ET SYSTEME DE CREATION DYNAMIQUE D'UNE PAGE WEB, ET STOCKAGE LISIBLE PAR ORDINATEUR**  
[72] TWADDLE, GRAHAM KENNEDY, GB  
[71] SHERWOOD INTERNATIONAL GROUP LIMITED, GB  
[85] 2003-02-28  
[86] 2001-08-31 (PCT/GB2001/003916)  
[87] 2002-03-07 (WO2002/019162)  
[30] GB (0021513.7) 2000-09-01

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[13] A1

[51] **Int.Cl. 7C11D 17/04**  
[25] EN  
[54] **CLEANING METHOD**  
[54] **PROCEDE DE NETTOYAGE**  
[72] MUIR, NEIL, GB  
[72] COKE, MARK, GB  
[72] MCKECHNIE, MALCOLM TOM, GB  
[71] RECKITT BENCKISER (UK) LIMITED, GB  
[85] 2003-02-28  
[86] 2001-09-03 (PCT/GB2001/003936)  
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[30] GB (0021585.5) 2000-09-01  
[30] GB (0109584.3) 2001-04-19

[21] **2,420,936**  
[13] A1

[51] **Int.Cl. 7B27L 1/08**  
[25] EN  
[54] **OPENING ROTOR TYPE DEBARKING MACHINE**  
[54] **MACHINE A ECORCER DU TYPE A ROTOR D'OUVERTURE**  
[72] HUHTASALO, JOUKO, FI  
[71] HUHTASALO, JOUKO, FI  
[85] 2003-02-28  
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[87] 2002-03-14 (WO2002/020230)  
[30] FI (20001989) 2000-09-08

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[13] A1

[51] **Int.Cl. 7A61K 31/22 7A61P 43/00 7A61K 45/06 7A61P 3/06 7A61P 9/10 7A61K 31/366 7A61K 31/40 7A61K 31/44 7A61K 31/47 7A61K 31/505**  
[25] EN  
[54] **MEDICINAL COMPOSITIONS**  
[54] **COMPOSITIONS MEDICALES**  
[72] INABA, TOSHIMORI, JP  
[72] KOHAMA, TAKAFUMI, JP  
[71] SANKYO COMPANY, LIMITED, JP  
[85] 2003-02-28  
[86] 2001-08-29 (PCT/JP2001/007438)  
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[51] **Int.Cl. 7C08G 63/82 7C08J 5/00 7C08J 5/18 7D01F 6/62**  
[25] EN  
[54] **POLYMERIZATION CATALYST FOR POLYESTER, POLYESTER PRODUCED WITH THE SAME, AND PROCESS FOR PRODUCING POLYESTER**  
[54] **CATALYSEUR DE POLYMERISATION POUR POLYESTER, POLYESTER AINSI OBTENU, ET PROCEDE DE PRODUCTION DE POLYESTER**  
[72] WATANABE, NAOKI, JP  
[72] KAGEYAMA, KATSUHIKO, JP  
[72] YOSHIDA, FUMIKAZU, JP  
[72] FUKUDA, HIROKI, JP  
[72] IKEHATA, YOSHITOMO, JP  
[72] SATO, MAKI, JP  
[72] MATSUMOTO, HARUO, JP  
[72] KUWATA, MITSUYOSHI, JP  
[72] MORIYAMA, NOBUO, JP  
[72] MATSUDA, MASAO, JP  
[72] OKUHARA, MUNEKAZU, JP  
[72] TSUKAMOTO, KENICHI, JP  
[72] GYOBU, SHOICHI, JP  
[72] NAKAJIMA, TAKAHIRO, JP  
[72] MATSUI, YOSHINAO, JP  
[71] TOYO BOSEKI KABUSHIKI KAISHA, JP  
[85] 2003-02-28  
[86] 2001-09-10 (PCT/JP2001/007855)  
[87] 2003-02-28 (WO2002/022707)  
[30] JP (2000-276454) 2000-09-12  
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[51] **Int.Cl. 7H04M 1/00 7H04B 7/00 7H04B 1/034 7H04B 1/08 7H01Q 1/24 7H04B 1/38 7H01Q 1/48**  
[25] EN  
[54] **APPARATUS AND METHOD FOR ENHANCING LOW-FREQUENCY OPERATION OF MOBILE COMMUNICATION ANTENNAS**  
[54] **APPAREIL ET PROCEDE POUR AMELIORER LE FONCTIONNEMENT BASSE FREQUENCE D'ANTENNES DE COMMUNICATION MOBILES**  
[72] MAOZ, JOSEPH, IL  
[72] KADICHEVITZ, MICHAEL, IL  
[71] IN4TEL LTD., IL  
[85] 2003-02-28  
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[87] 2002-03-07 (WO2002/019671)  
[30] US (60/228,123) 2000-08-28

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[13] A1  
[51] **Int.Cl. 7C07C 233/65 7C07C 231/24**  
[25] EN  
[54] **METHOD FOR THE PREPARING CRYSTAL OF BENZOIC ACID DERIVATIVE**  
[54] **PROCEDE DE PRODUCTION DE CRISTAUX D'UN DERIVE D'ACIDE BENZOIQUE**  
[72] KAGECHIKA, HIROYUKI, JP  
[72] NAGANO, HIROO, JP  
[71] TOKO PHARMACEUTICAL IND. CO., LTD., JP  
[71] RESEARCH FOUNDATION ITSUU LABORATORY, JP  
[85] 2003-02-28  
[86] 2001-08-31 (PCT/JP2001/007526)  
[87] 2003-02-28 (WO2002/018322)  
[30] JP (2000-264733) 2000-09-01

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[13] A1  
[51] **Int.Cl. 7C07C 1/04 7B01J 25/04**  
[25] EN  
[54] **CARBON MONOXIDE HYDROGENATION PROCESS**  
[54] **PROCEDE D'HYDROGENATION DU MONOXYDE DE CARBONE**  
[72] LONG, DAVID CHESTER, US  
[72] CULROSS, CLAUDE CLARENCE, US  
[72] CLAVENNA, LEROY RUSSELL, US  
[72] DAAGE, MICHEL A., US  
[72] KOVEAL, RUSSELL JOHN, US  
[72] MUMFORD, JAMES DIRICKSON, US  
[72] RAMANARAYANAN, TRIKUR ANANTHARAMAN, US  
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
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[87] 2002-03-14 (WO2002/020441)  
[30] US (09/653,914) 2000-09-01

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[13] A1  
[51] **Int.Cl. 7F25C 1/18 7F25C 1/24**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING STEREOSCOPIC ICE OF TRANSPARENT SPHERE OR THE LIKE**  
[54] **PROCEDE ET APPAREIL DE PRODUCTION DE GLACE STEREOSCOPIQUE SOUS FORME D'UNE SPHERE, TRANSPARENTE OU ANALOGUE**  
[72] SOMURA, KATSUZO, JP  
[71] SOMURA, KATSUZO, JP  
[85] 2003-02-28  
[86] 2001-09-03 (PCT/JP2001/007599)  
[87] 2003-02-28 (WO2002/018855)  
[30] JP (2000-265037) 2000-09-01

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[13] A1  
[51] **Int.Cl. 7F25B 47/02 7F25B 9/00**  
[25] EN  
[54] **METHOD AND ARRANGEMENT FOR DEFROSTING A VAPOR COMPRESSION SYSTEM**  
[54] **PROCEDE ET DISPOSITIF DE DEGIVRAGE D'UN COMPRESSEUR DE VAPEUR**  
[72] AFLEKT, KARE, NO  
[72] SKAUGEN, GEIR, NO  
[72] BRENDENG, EINAR, NO  
[72] ZAKERI, GHOLAM REZA, NO  
[72] HAFNER, ARMIN, DE  
[72] REKSTAD, HAVARD, NO  
[72] PETTERSEN, JOSTEIN, NO  
[72] NEKSA, PETTER, NO  
[71] SINVENT AS, NO  
[85] 2003-02-28  
[86] 2001-08-31 (PCT/NO2001/000354)  
[87] 2002-03-07 (WO2002/018854)  
[30] NO (20004369) 2000-09-01  
[30] NO (20005575) 2000-11-03

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[51] **Int.Cl. 7F25B 13/00 7F25B 9/00 7F25B 1/10**  
[25] EN  
[54] **REVERSIBLE VAPOR COMPRESSION SYSTEM**  
[54] **SYSTEME DE COMPRESSION DE VAPEUR REVERSIBLE**  
[72] BRENDENG, EINAR, NO  
[72] AFLEKT, KARE, NO  
[72] REKSTAD, HAVARD, NO  
[72] PETERSEN, JOSTEIN, NO  
[72] HAFNER, ARMIN, NO  
[72] NEKSA, PETTER, NO  
[72] SKAUGEN, GEIR, NO  
[72] ZAKERI, GHOLAM REZA, NO  
[71] SINVENT AS, NO  
[85] 2003-02-28  
[86] 2001-08-31 (PCT/NO2001/000355)  
[87] 2002-03-07 (WO2002/018848)  
[30] NO (20004369) 2000-09-01  
[30] NO (20005576) 2000-11-03

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[13] A1

[51] **Int.Cl. 7C07D 495/04 7C07D 243/00 7C07D 333/00**  
[25] EN  
[54] **PROCESS FOR PREPARATION OF HYDRATES OF OLANZAPINE AND THEIR CONVERSION INTO CRYSTALLINE FORMS OF OLANZAPINE**  
[54] **PROCEDE DE PREPARATION D'HYDRATES D'OLANZAPINE ET DE CONVERSION DE CEUX-CI EN FORMES CRISTALLINES D'OLANZAPINE**  
[72] REGURI, BUCHI REDDY, IN  
[72] KOPROWSKI, ROBERT, US  
[72] CHAKKA, RAMESH, IN  
[71] DR. REDDY'S LABORATORIES LTD., IN  
[85] 2003-02-28  
[86] 2001-03-07 (PCT/US2001/007258)  
[87] 2002-03-07 (WO2002/018390)  
[30] IN (709/MAS/2000) 2000-08-31  
[30] IN (711/MAS/2000) 2000-08-31

[21] **2,420,991**  
[13] A1

[51] **Int.Cl. 7E02D 27/50 7E02D 27/01**  
[25] EN  
[54] **INTEGRATED FOOTINGS**  
[54] **SEMELLES DE FONDATION INTEGRES**  
[72] GAGLIANO, RICHARD J., US  
[71] GAGLIANO, RICHARD J., US  
[85] 2003-02-28  
[86] 2001-07-24 (PCT/US2001/023287)  
[87] 2002-03-07 (WO2002/018712)  
[30] US (09/651,899) 2000-08-30

[21] **2,421,001**  
[13] A1

[51] **Int.Cl. 7G02C 7/04**  
[25] EN  
[54] **OPHTHALMIC LENSES USEFUL IN CORRECTING ASTIGMATISM AND PRESBYOPIA**  
[54] **LENTILLES OPHTALMIQUES UTILES POUR LA CORRECTION DE L'ASTIGMATISME ET DE LA PRESBYTIE**  
[72] ROFFMAN, JEFFREY H., US  
[72] POLING, TIMOTHY R., US  
[71] JOHNSON & JOHNSON VISION CARE, INC., US  
[85] 2003-02-28  
[86] 2001-08-24 (PCT/US2001/026570)  
[87] 2002-03-07 (WO2002/019015)  
[30] US (09/650,944) 2000-08-30

[21] **2,421,009**  
[13] A1

[51] **Int.Cl. 7H01S 5/183 7H01S 5/02**  
[25] EN  
[54] **PROTECTIVE SIDE WALL PASSIVATION FOR VCSEL CHIPS**  
[54] **PASSIVATION PROTECTRICE DES PAROIS LATERALES DE PUCES VCSEL**  
[72] LIU, YUE, US  
[72] NOHAVA, JAMES C., US  
[72] STRZELECKA, EVA M. B., US  
[72] MORGAN, ROBERT A., US  
[71] HONEYWELL INTERNATIONAL INC., US  
[85] 2003-02-28  
[86] 2001-08-30 (PCT/US2001/026921)  
[87] 2002-03-07 (WO2002/019484)  
[30] US (09/652,555) 2000-08-31

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[13] A1

[51] **Int.Cl. 7C07C 69/30 7A61K 31/22 7C07C 67/28 7A61K 9/28**  
[25] EN  
[54] **DIHYDROXY OPEN-ACID SALT OF SIMVASTATIN**  
[54] **SEL D'ACIDE OUVERT DIHYDROXY DE SIMVASTATINE**  
[72] WENSLow, ROBERT M., US  
[72] VARSOLONA, RICHARD J., US  
[72] VEGA, JOSE M., US  
[72] TILLYER, RICHARD D., US  
[72] REIDER, PAUL J., US  
[72] GRABAOWSKI, EDWARD J. J., US  
[72] XU, FENG, US  
[71] MERCK & CO., INC., US  
[85] 2003-02-28  
[86] 2001-09-05 (PCT/US2001/027466)  
[87] 2002-03-14 (WO2002/020457)  
[30] US (09/656,109) 2000-09-06  
[30] US (09/660,956) 2000-09-13

[21] **2,421,029**  
[13] A1

[51] **Int.Cl. 7B60N 2/48**  
[25] EN  
[54] **SEAT ASSEMBLY WITH SELF POSITIONING HEAD RESTRAINT**  
[54] **ENSEMBLE SIEGE A APPUI-TETE AUTOREGLABLE**  
[72] VENTURA, KEVIN JOHN, US  
[72] BONTEKOE, JACOB AARON, US  
[72] REED, STEVEN JAMES, US  
[71] INTIER AUTOMOTIVE INC., CA  
[85] 2003-02-28  
[86] 2001-09-10 (PCT/US2001/028269)  
[87] 2002-03-14 (WO2002/020306)  
[30] US (60/231,717) 2000-09-08

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[13] A1

[51] **Int.Cl. 7H02M 7/48**  
[25] EN  
[54] **FILTER-SWITCHED DRIVE OPERATING MODE CONTROL**  
[54] **COMMANDE DU MODE D'EXPLOITATION D'UN DISPOSITIF DE COMMANDE COMMUTE A FILTRE**  
[72] UNDERWOOD, MICHAEL, US  
[72] RITCHIE, NORMAN W., US  
[72] ASHBAUGH, RYAN B., US  
[71] BAKER HUGUES INCORPORATED, US  
[85] 2003-02-28  
[86] 2001-08-30 (PCT/US2001/027089)  
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[30] US (60/229,428) 2000-08-31

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[13] A1

[51] **Int.Cl. 7A61M 37/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR CLOSED CHEST BLOOD FLOW SUPPORT**  
[54] **PROCEDE ET SYSTEME DESTINES A UN SUPPORT DU DEBIT SANGUIN SANS OUVERTURE DU THORAX**  
[72] MAROUS, JOHN C., III, US  
[72] LEHMANN, KIRK A., US  
[72] YU, YIH-CHOUNG, US  
[72] JOHN, GREG A., US  
[72] ZAFIRELIS, ZAFIRIS G., US  
[71] CARDIAC ASSIST TECHNOLOGIES, INC., US  
[85] 2003-02-28  
[86] 2001-09-11 (PCT/US2001/028561)  
[87] 2002-03-21 (WO2002/022200)  
[30] US (09/661,413) 2000-09-13

[21] **2,421,035**  
[13] A1

[51] **Int.Cl. 7C11D 7/32 7A61L 2/18**  
[25] EN  
[54] **SURFACTANT SYSTEM**  
[54] **SYSTEME SURFACTANT**  
[72] KRITZLER, STEVEN, AU  
[72] SAVA, ALEX, AU  
[71] NOVAPHARM RESEARCH (AUSTRALIA) PTY LTD, AU  
[85] 2003-02-28  
[86] 2001-08-30 (PCT/AU2001/001094)  
[87] 2002-03-07 (WO2002/018530)  
[30] AU (PQ 9844) 2000-09-01

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[51] **Int.Cl. 7C22C 19/05**  
[25] EN  
[54] **NICKEL-BASE SUPERALLOY FOR HIGH TEMPERATURE, HIGH STRAIN APPLICATION**  
[54] **SUPERALLIAGE A BASE DE NICKEL POUR APPLICATION A TEMPERATURE ELEVEE ET SOUS FORTE CONTRAINTE**  
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[71] CANNON-MUSKOGON CORPORATION, US  
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[30] US (60/232,822) 2000-09-15  
[30] US (09/692,750) 2000-10-19

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[13] A1

[51] **Int.Cl. 7B65G 1/04**  
[25] EN  
[54] **AUTOMATED WAREHOUSING SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE D'ENTREPOSAGE AUTOMATISE**  
[72] HASLEBACHER, KEVIN A., US  
[72] MITCHELL, PAT R., US  
[71] CALIFORNIA NATURAL PRODUCTS, US  
[85] 2003-02-28  
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[30] US (09/658,703) 2000-09-08

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[13] A1

[51] **Int.Cl. 7E02D 29/14**  
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[54] **ADJUSTABLE UTILITY ACCESS DEVICE**  
[54] **DISPOSITIF D'ACCES REGLABLE A UNE INSTALLATION**  
[72] SONDRUP, CHRIS, US  
[71] PRECISION COVER SYSTEMS, US  
[85] 2003-02-28  
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[87] 2002-03-07 (WO2002/018713)  
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[30] US (09/814,627) 2001-03-22

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[13] A1

[51] **Int.Cl. 7B62D 29/04**  
[25] EN  
[54] **ADJUSTABLE REAR FRAME CLADDING**  
[54] **ENSEMBLE FIXATION PERMETTANT DE FIXER DE MANIERE AJUSTABLE UN REVETEMENT SUR UN VEHICULE**  
[72] HOBILL, JOHN, AU  
[72] GACH, MICHAEL, US  
[72] BUNTING, KEVIN, AU  
[72] GRANGER, SEAN ELLIOT, US  
[72] HAWKINS, GARY, US  
[72] MILANI, ADOLFO ENRICO, US  
[71] DECOMA INTERNATIONAL INC., CA  
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[30] US (60/223,787) 2000-09-19

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[13] A1

[51] **Int.Cl. 7C08L 27/12 7C08J 3/24 7C08K 5/3465**  
[25] EN  
[54] **METAL AMINE COMPLEX CONTAINING FLUOROPOLYMER COMPOSITIONS**  
[54] **COMPOSITIONS DE FLUOROPOLYMERES CONTENANT UN COMPLEXE METAL-AMINE**  
[72] KOLB, ROBERT E., US  
[72] GROOTAERT, WERNER M. A., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
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[13] A1

[51] **Int.Cl. 7H02P 6/00 7F24F 11/02**  
[25] EN  
[54] **DIRECT CURRENT MACHINE WITH A CONTROLLABLE ARRANGEMENT FOR LIMITING CURRENT**  
[54] **GENERATRICE A COURANT CONTINU AVEC DISPOSITIF DE LIMITATION DE COURANT REGULABLE**  
[72] RAPPENECKER, HERMANN, DE  
[72] HAHN, ALEXANDER, DE  
[71] PAPST-MOTOREN GMBH & CO. KG, DE  
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[51] **Int.Cl. 7C07H 19/167 7A61P 27/06 7A61K 9/08 7C07H 19/20 7A61K 31/7076**  
[25] EN  
[54] **ADENOSINE DERIVATIVES AND USE THEREOF**  
[54] **DERIVES D'ADENOSINE ET LEURS APPLICATIONS**  
[72] KONNO, TAKASHI, JP  
[72] ONUMA, SHINYA, JP  
[72] KATO, YOSHIKAZU, JP  
[72] UEMOTO, KAZUHIRO, JP  
[71] TOA EIYO LTD., JP  
[71] YAMASA CORPORATION, JP  
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[51] **Int.Cl. 7C07K 16/00 7C12P 21/08**  
[25] EN  
[54] **THE IDENTIFICATION AND DEVELOPMENT OF SPECIFIC MONOCLONAL ANTIBODIES TO SQUAMOUS CELL CARCINOMA**  
[54] **IDENTIFICATION ET DEVELOPPEMENT D'ANTICORPS MONOCLONAUX SPECIFIQUES D'EPITHELIOMA SPINOCELLULAIRE**  
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[72] ARLEN, MYRON, US  
[71] INTERNATIONAL BIOIMMUNE SYSTEMS, INC., US  
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[30] US (60/229,785) 2000-09-01  
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[13] A1  
[51] **Int.Cl. 7H04Q 7/20 7H04Q 7/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SUPPORTING RADIO ACKNOWLEDGEMENT INFORMATION FOR A UNI-DIRECTIONAL USER DATA CHANNEL**  
[54] **PROCEDE ET APPAREIL POUR LA PRISE EN CHARGE D'INFORMATIONS D'ACCUSE DE RECEPTION RADIO POUR UN CANAL DE DONNEES D'UTILISATEUR UNIDIRECTIONNEL**  
[72] PECEN, MARK E., US  
[72] ANDERSEN, NIELS PETER SKOV, DK  
[72] OTTING, MARCIA, US  
[71] MOTOROLA INC., US  
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[13] A1  
[51] **Int.Cl. 7C08F 283/01 7C09D 4/00 7C08J 5/00 7C09D 167/06 7C08L 67/06 7C08G 63/553**  
[25] EN  
[54] **UNSATURATED POLYESTER RESIN COMPOSITION**  
[54] **COMPOSITION DE RESINE POLYESTER INSATUREE**  
[72] TOMIYAMA, TAKASHI, JP  
[72] FUJITA, YUKIKO, JP  
[72] MOTOMIYA, SHIGERU, JP  
[71] DAINIPPON INK AND CHEMICALS INC., JP  
[85] 2003-02-28  
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[30] JP (2000-268500) 2000-09-05

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[13] A1  
[51] **Int.Cl. 7C08G 18/40 7C09D 175/04 7C08G 18/62 7C08G 18/70**  
[25] EN  
[54] **AQUEOUS 2K PUR SYSTEMS**  
[54] **SYSTEMES PUR 2K AQUEUX**  
[72] MEIXNER, JURGEN, DE  
[72] CLEMENS, HORST, DE  
[72] KREMER, WOLFGANG, DE  
[72] LUHMANN, ERHARD, DE  
[72] PROBST, JOACHIM, DE  
[72] LAAS, HANS-JOSEF, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
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[30] DE (100 43 433.9) 2000-09-04

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[13] A1  
[51] **Int.Cl. 7B01D 17/04 7B01D 17/02 7B01D 17/022**  
[25] EN  
[54] **POLYURETHANE OIL DE-EMULSIFICATION UNIT**  
[54] **UNITE DE DESEMULSIFICATION D'HUILE, CONSTITUEE DE POLYURETHANNE**  
[72] BENACHENOU, AMINE, CA  
[72] PARENT, JEAN-PIERRE, CA  
[71] EARTH (CANADA) CORPORATION, CA  
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[51] **Int.Cl. 7A61B 17/02**  
[25] EN  
[54] **SURGICAL RETRACTOR HAVING IMPROVED BLADES AND METHODS RELATED THERETO**  
[54] **ECARTEUR CHIRURGICAL POSSEDANT DES LAMES AMELIOREES ET PROCEDES CORRESPONDANTS**  
[72] KNAPP, TRACEY E., US  
[71] GENZYME CORPORATION, US  
[85] 2003-03-04  
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[13] A1

[51] **Int.Cl. 7A61N 5/10 7A61M 36/12**  
[25] EN  
[54] **ROW OF RADIOACTIVE SEEDS AND NON-RADIOACTIVE SPACERS AND CONNECTORS THEREFORE**  
[54] **RANGEE DE GRAINS RADIOACTIFS ET ESPACEURS NON RADIOACTIFS ET CONNECTEURS PREVUS POUR CES GRAINS**  
[72] LOFFLER, EDGAR GERMAN, DE  
[72] VISSCHER, ARIE LUIE, NL  
[71] NUCLETRON B.V., NL  
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[13] A1

[51] **Int.Cl. 7B23C 5/20**  
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[54] **MILLING CUTTER USING INSERTS OF VARIOUS SHAPES**  
[54] **FRAISE AVEC PLAQUETTES RAPPORTEES DE FORMES DIVERSES**  
[72] BACA, JOHN J., US  
[71] KENNAMETAL INC., US  
[85] 2003-03-04  
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[30] US (09/654,771) 2000-09-05

[21] **2,421,084**  
[13] A1

[51] **Int.Cl. 7G07F 5/18 7G07F 19/00 7G07F 7/02**  
[25] EN  
[54] **VENDING SYSTEM**  
[54] **SYSTEME DE VENTE**  
[72] CARAPELLI, GIOVANNI, IT  
[71] MARCONI COMMUNICATIONS S.R.L., IT  
[85] 2003-02-28  
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[87] 2002-03-07 (WO2002/019279)  
[30] EP (00118954.7) 2000-09-01

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[13] A1

[51] **Int.Cl. 7H04L 12/28 7H04L 12/56**  
[25] EN  
[54] **COMMUNICATION SYSTEM WITH AUTOMATIC CONFIGURATION OF THE COMMUNICATION INTERFACE**  
[54] **SYSTEME DE COMMUNICATION A CONFIGURATION AUTOMATIQUE DE L'INTERFACE DE COMMUNICATION**  
[72] CARAPELLI, GIOVANNI, IT  
[71] MARCONI COMMERCIAL SYSTEMS S.R.L., IT  
[85] 2003-02-28  
[86] 2001-08-24 (PCT/IB2001/001853)  
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[30] EP (00118955.4) 2000-09-01

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[13] A1

[51] **Int.Cl. 7B41C 1/04 7B41N 1/06 7B41M 1/10 7B41M 3/14**  
[25] EN  
[54] **DATA CARRIER COMPRISING A GRAVURE PRINTED IMAGE AND METHODS FOR TRANSPOSING IMAGE MOTIFS INTO LINEAR STRUCTURES AND ONTO A GRAVURE PRINTING PLATE**  
[54] **SUPPORT DE DONNEES EN HELIOGRAVURE ET PROCEDES DE TRANSDUCTION DE MOTIFS D'IMAGES DANS DES STRUCTURES LINEAIRES AINSI QUE DANS UNE PLAQUE HELIO**  
[72] SCHMIDT, RUDIGER, DE  
[72] FRANZ, PETER, DE  
[72] WINKLER, STEFAN, DE  
[71] GIESECKE & DEVRIENT GMBH, DE  
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[30] DE (100 44 403.2) 2000-09-08

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[13] A1

[51] **Int.Cl. 7H04N 13/00 7G03B 37/04 7G03B 35/10**  
[25] EN  
[54] **STEREOSCOPIC VIDEO CAPTURING DEVICE AND DUAL RECEIVER WITH A THREE-DIMENSIONAL VIEWER**  
[54] **DISPOSITIF DE CAPTURE D'IMAGE VIDEO STEREOSCOPIQUE ET RECEPTEUR A DEUX FREQUENCES MUNI D'UN VISEUR POUR TROIS DIMENSIONS**  
[72] GUTIERREZ NOVELO, MANUEL RAFAEL, MX  
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[86] 2001-03-13 (PCT/MX2001/000016)  
[87] 2003-02-28 (WO2002/019727)  
[30] MX (008564) 2000-09-01

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[13] A1

[51] **Int.Cl. 7B41N 1/06 7B41M 1/10 7B41M 3/14**  
[25] EN  
[54] **GRAVURE PRINTING PLATE AND VALUABLE DOCUMENT PRODUCED BY THE SAME**  
[54] **PLAQUE D'HELIOGRAVURE ET DOCUMENT DE VALEUR PRODUIT AVEC CELLE-CI**  
[72] ADAMCZYK, ROGER, DE  
[71] GIESECKE & DEVRIENT GMBH, DE  
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[21] **2,421,101**  
[13] A1

[51] **Int.Cl. 7B42D 15/00 7B42D 15/10**  
[25] EN  
[54] **DATA SUPPORT WITH AN OPTICALLY VARIABLE ELEMENT**  
[54] **SUPPORT DE DONNEES DOTE D'UN ELEMENT OPTIQUEMENT VARIABLE**  
[72] BALDUS, CHRISTOPH, DE  
[72] MULLER, JOHANN, DE  
[72] ZERBES, JURGEN, DE  
[72] PLASCHKA, REINHARD, DE  
[71] GIESECKE & DEVRIENT GMBH, DE  
[85] 2003-03-04  
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[30] DE (100 44 465.2) 2000-09-08

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[54] **A MUSHROOM PACKING APPARATUS**  
[54] **APPAREIL DESTINE A L'EMBALLAGE DES CHAMPIGNONS**  
[72] DOAKE, IVAN, GB  
[72] DOAKE, NEVILLE, GB  
[71] AXIS SYSTEMS LIMITED, GB  
[85] 2003-03-04  
[86] 2001-09-04 (PCT/EP2001/010243)  
[87] 2002-03-14 (WO2002/020355)  
[30] GB (0021728.1) 2000-09-04

[21] **2,421,106**  
[13] A1

[51] **Int.Cl. 7A61K 31/44**  
[25] EN  
[54] **MANZAMINES FOR TREATMENT OF DRUG RESISTANT INFECTION**  
[54] **PROCEDES DE TRAITEMENT D'INFECTIONS RESISTANT AUX MEDICAMENTS PAR ADMINISTRATION DE COMPOSITIONS PHARMACEUTIQUES COMPRENANT DES ALCALOIDES DE MANZAMINE**  
[72] HAMANN, MARK T., US  
[72] EL-SAYED, KHALID A., US  
[71] THE UNIVERSITY OF MISSISSIPPI, US  
[85] 2003-02-28  
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[87] 2002-03-07 (WO2002/017917)  
[30] US (60/228,892) 2000-08-29

[21] **2,421,107**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **MATERIALS SUPPLY CONTRACT SYSTEM AND METHOD**  
[54] **SYSTEME ET UN PROCEDE DE CONTRAT DE FOURNITURE DE MATERIAUX**  
[72] DU PREEZ, ANTHONY GERT, AU  
[72] ELLENPORT, JASON SCOTT, AU  
[72] COMAS, BRENDAN JOSEPH, AU  
[71] OZB2B PTY. LTD., AU  
[85] 2003-02-28  
[86] 2001-09-04 (PCT/AU2001/001110)  
[87] 2002-03-14 (WO2002/021347)  
[30] AU (PQ 9869) 2000-09-04  
[30] AU (PR 5323) 2001-05-29

[21] **2,421,108**  
[13] A1

[51] **Int.Cl. 7C02F 1/42 7C02F 3/30**  
[25] EN  
[54] **APPARATUS AND METHOD FOR WASTEWATER NUTRIENT RECOVERY**  
[54] **APPAREIL ET PROCEDE PERMETTANT DE RECUPERATION D'ELEMENTS NUTRITIFS DANS DES EAUX USEES**  
[72] KNIGHT, JAMES E., US  
[72] NELSON, DOUGLAS J., US  
[72] NOGA, MARK C., US  
[71] KNIGHT TREATMENT SYSTEMS, INC., US  
[85] 2003-02-28  
[86] 2001-08-27 (PCT/US2001/026503)  
[87] 2002-03-07 (WO2002/018276)  
[30] US (09/649,472) 2000-08-28

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[13] A1

[51] **Int.Cl. 7A61K 35/78**  
[25] EN  
[54] **EFFICIENT METHOD FOR PRODUCING COMPOSITIONS ENRICHED IN ANTHOCYANINS**  
[54] **PROCEDE DE PRODUCTION A HAUT RENDEMENT DE COMPOSITIONS ENRICHIES EN ANTHOCYANES**  
[72] BAILEY, DAVID T., US  
[72] GERTENBACH, DENNIS, US  
[72] FREEBERG, DELANO R., US  
[72] GOURDIN, GERALD, US  
[72] RICHHEIMER, STEVEN, US  
[72] TEMPESTA, MICHAEL S., US  
[72] DAUGHERTY, F. JOSEPH, US  
[71] HAUSER, INC., US  
[71] TEMPESTA, MICHAEL S., US  
[71] DAUGHERTY, F. JOSEPH, US  
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[86] 2001-08-30 (PCT/US2001/027107)  
[87] 2002-03-07 (WO2002/017945)  
[30] US (60/229,205) 2000-08-31

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[13] A1

[51] **Int.Cl. 7H04N 5/00**  
[25] EN  
[54] **SENSOR AND IMAGING SYSTEM**  
[54] **CAPTEUR ET SYSTEME D'IMAGERIE**  
[72] GRASSO, DONALD P., US  
[72] JOHNSON, STEVE, US  
[72] SONN, JOHN, US  
[71] RYTEC CORPORATION, US  
[85] 2003-02-28  
[86] 2001-08-31 (PCT/US2001/027351)  
[87] 2002-03-07 (WO2002/019698)  
[30] US (60/229,613) 2000-08-31

[21] **2,421,113**  
[13] A1

[51] **Int.Cl. 7G01B 9/00**  
[25] EN  
[54] **OPTICAL AMPLIFICATION IN COHERENCE REFLECTOMETRY**  
[54] **AMPLIFICATION OPTIQUE EN REFLECTOMETRIE DE COHERENCE**  
[72] BJARKLEV, ANDERS, DK  
[72] ANDERSEN, PETER E., DK  
[72] TYCHO, ANDREAS, DK  
[71] BJARKLEV, ANDERS, DK  
[71] FORSKNINGSCENTER RISO, DK  
[71] TYCHO, ANDREAS, DK  
[85] 2003-02-28  
[86] 2001-09-04 (PCT/DK2001/000573)  
[87] 2002-03-14 (WO2002/021074)  
[30] DK (PA 2000 01318) 2000-09-04

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[13] A1

[51] **Int.Cl. 7C07D 205/08**  
[25] EN  
[54] **CRYSTALLINE FORMS OF CARBAPENEM INTERMEDIATES**  
[54] **FORMES CRISTALLINES D'INTERMEDIAIRES DE CARBAPENEM**  
[72] WILLIAMS, JOHN M., US  
[71] MERCK & CO., INC., US  
[85] 2003-02-28  
[86] 2001-08-30 (PCT/US2001/027014)  
[87] 2002-03-14 (WO2002/020476)  
[30] US (60/230,605) 2000-09-06

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[13] A1  
[51] **Int.Cl. 7C12N 15/82**  
[25] EN  
[54] **MODIFIED TET-INDUCIBLE SYSTEM FOR REGULATION OF GENE EXPRESSION IN PLANTS**  
[54] **SYSTEME INDUCTIBLE TET MODIFIE PERMETTANT LA REGULATION DE L'EXPRESSION GENIQUE DANS DES PLANTES**  
[72] HALL, GERALD JR., US  
[72] GOLOVKO, ANDREI, US  
[71] BASF PLANT SCIENCE GMBH, DE  
[85] 2003-02-28  
[86] 2001-09-07 (PCT/EP2001/010315)  
[87] 2002-03-14 (WO2002/020811)  
[30] US (60/231,522) 2000-09-09

[21] **2,421,119**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60 7H04L 12/16**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETERMINING A PREPAYMENT SCORE FOR AN INDIVIDUAL APPLICANT**  
[54] **PROCEDE ET APPAREIL POUR DETERMINER UN INDICE DE REMBOURSEMENT ANTICIPE D'UN DEMANDEUR INDIVIDUEL**  
[72] EGINTON, A. WILLIAM, US  
[72] FISHMAN, VLADIMIR, US  
[72] GALPERIN, YURI, US  
[71] MARKETSWITCH CORPORATION, US  
[85] 2003-02-28  
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[87] 2002-03-07 (WO2002/019061)  
[30] US (60/228,954) 2000-08-31

[21] **2,421,124**  
[13] A1  
[51] **Int.Cl. 7G06F 19/00**  
[25] EN  
[54] **IMPROVEMENTS RELATING TO INFORMATION MANAGEMENT SYSTEMS**  
[54] **AMELIORATIONS LIEES A DES SYSTEMES DE GESTION D'INFORMATIONS**  
[72] SHAH, ANIL, GB  
[72] SALEY, AHMED, GB  
[72] LEAMAN, MAURICE, GB  
[71] ENIGMA HEALTH UK LIMITED, GB  
[85] 2003-02-28  
[86] 2001-09-04 (PCT/GB2001/003957)  
[87] 2002-03-14 (WO2002/021417)  
[30] GB (0021663.0) 2000-09-04  
[30] GB (0021790.1) 2000-09-05

[21] **2,421,125**  
[13] A1  
[51] **Int.Cl. 7G02B 6/00**  
[25] EN  
[54] **NEGATIVE-DISPERSION OPTICAL FIBER AND OPTICAL TRANSMISSION LINE INCORPORATING THE SAME**  
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[72] HIRANO, MASAOKI, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
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[13] A1  
[51] **Int.Cl. 7H02P 6/00 7F24F 11/02**  
[25] EN  
[54] **METHOD FOR CONTROLLING OR REGULATING THE CURRENT IN A DIRECT CURRENT MACHINE FOR A FAN**  
[54] **PROCEDE DE COMMANDE ET DE REGLAGE DU COURANT DANS LA MACHINE A COURANT CONTINU D'UN VENTILATEUR**  
[72] HAHN, ALEXANDER, DE  
[72] RAPPENECKER, HERMANN, DE  
[71] PAPST-MOTOREN GMBH & CO. KG, DE  
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[13] A1  
[51] **Int.Cl. 7A61M 5/142 7A61M 5/172**  
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[54] **DEVICES, SYSTEMS AND METHODS FOR PATIENT INFUSION**  
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE PERFUSION D'UN PATIENT**  
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[71] INSULET CORPORATION, US  
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[13] A1  
[51] **Int.Cl. 7B26B 21/56**  
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[54] **SAFETY RAZOR BLADE, BLADE UNIT, AND METHOD OF MAKING THE BLADE**  
[54] **RASOIRS DE SURETE**  
[72] WAIN, KEVIN J., GB  
[71] THE GILLETTE COMPANY, US  
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[51] **Int.Cl. 7B65D 83/04 7H01M 2/10**  
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[54] **PRODUCT DISPENSER**  
[54] **DISTRIBUTEUR D'ARTICLES**  
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[72] FURTH, DAVID A., US  
[72] PIRRO, JEFFREY P., US  
[72] HEDMAN, JONATHAN W., US  
[72] FERGUSON, MARK A., US  
[72] GARRANT, STEVEN S., US  
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[51] **Int.Cl. 7A61F 2/46**  
[25] EN  
[54] **SURGICAL INSTRUMENT FOR INSERTING AN INTERVERTEBRAL ENDOPROSTHESIS**  
[54] **INSTRUMENT CHIRURGICAL DESTINE A IMPLANTER UNE ENDOPROTHESE INTERVERTEBRALE**  
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[71] WALDEMAR LINK (GMBH & CO), DE  
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[25] EN  
[54] **PEROXISOME PROLIFERATOR ACTIVATED RECEPTOR ALPHA AGONISTS**  
[54] **AGONISTES DE RECEPTEURS ALPHA ACTIVES DE LA PROLIFERATION DES PEROXYSONES**  
[72] VICENZI, JEFFREY THOMAS, US  
[72] SCHMID, CHRISTOPHER RANDALL, US  
[72] XU, YANPING, US  
[72] COFFEY, DAVID SCOTT, US  
[72] WANG, XIADONG, US  
[72] THOMPSON, RICHARD CRAIG, US  
[72] GARCIA-PAREDES, CRISTINA, ES  
[72] JOHNSTON, RICHARD DUANE, US  
[72] SAEED, ASHRAF, US  
[72] MAYHUGH, DANIEL RAY, US  
[72] DOMINIANNI, SAMUEL JAMES, US  
[72] COLLADO CANO, IVAN, ES  
[72] ETGEN, GARRET JAY JUNIOR, US  
[72] LETOURNEAU, MICHAEL EDWARD, US  
[72] MARTINELLI, MICHAEL JOHN, US  
[72] MANTLO, NATHAN BRYAN, US  
[71] ELI LILLY AND COMPANY, US  
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[13] A1  
[51] **Int.Cl. 7C01B 13/18**  
[25] EN  
[54] **METHOD FOR PRODUCING MIXED METAL OXIDES AND METAL OXIDE COMPOUNDS**  
[54] **PROCEDE DE PREPARATION D'OXYDES METALLIQUES ET DE COMPOSES D'OXYDES METALLIQUES MELANGES**  
[72] SPITLER, TIMOTHY MALCOME, US  
[72] SABACKY, BRUCE JAMES, US  
[72] PROCHAZKA, JAN, US  
[71] ALTAIR NANOMATERIALS, INC., US  
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[51] **Int.Cl. 7G01K 1/02 7G08C 17/00 7G08C 19/00 7H02J 13/00**  
[25] EN  
[54] **TEMPERATURE RECORDER AND TEMPERATURE RECORDING AND CONTROLLING SYSTEM FOR POWER SUPPLY EQUIPMENT**  
[54] **THERMOGRAPHE ET SYSTEME D'ENREGISTREMENT ET DE COMMANDE DE TEMPERATURE POUR MATERIEL D'ALIMENTATION EN ENERGIE**  
[72] KAWAI, SIGEKAZU, JP  
[72] KURIBARA, HIROYUKI, JP  
[72] ISHIKURA, TSUTOMU, JP  
[71] SANYO ELECTRIC CO., LTD., JP  
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[51] **Int.Cl. 7A61K 7/42 7A61K 7/48**  
[25] EN  
[54] **COSMETIC COMPOSITION CONTAINING THE EXTRACT OF MOUNTAIN GINSENG ADVENTITIOUS ROOTS**  
[54] **COMPOSITION COSMETIQUE CONTENANT L'EXTRAIT DE RACINES ADVENTIVES DE GINSENG DES MONTAGNES**  
[72] CHOI, JONG-OAN, KR  
[72] SEO, BONG-SEOK, KR  
[72] JOUNG, MIN-SEOK, KR  
[72] JOO, YONG-HO, KR  
[71] HANKOOK COSMETICS CO., LTD., KR  
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[13] A1  
[51] **Int.Cl. 7F23G 1/00 7F23G 5/20 7F23G 5/40**  
[25] EN  
[54] **ROTATIVE INCINERATOR**  
[54] **INCINERATEUR ROTATIF**  
[72] FOLDES, GABOR, HU  
[71] FOLDES, GABOR, HU  
[85] 2003-02-28  
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[30] HU (P 00 02612) 2000-07-13

[21] **2,421,164**  
[13] A1  
[51] **Int.Cl. 7F02B 3/00 7F02M 37/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRE-PILOT FUEL INJECTION IN DIESEL INTERNAL COMBUSTION ENGINES**  
[54] **PROCEDE ET DISPOSITIF POUR INJECTION DE CARBURANT PRE-PILOTE DANS UN MOTEUR A COMBUSTION INTERNE DE TYPE DIESEL**  
[72] ZUKOUSKI, RUSSELL P., US  
[72] GUI, XINQUN, US  
[71] INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, LLC., US  
[85] 2003-02-28  
[86] 2001-07-30 (PCT/US2001/023936)  
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[13] A1  
[51] **Int.Cl. 7H04H 1/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR ORDERING AND DELIVERING MEDIA CONTENT**  
[54] **SYSTEME ET PROCEDE PERMETTANT DE COMMANDER ET DE DISTRIBUER DES CONTENUS MEDIAS**  
[72] THOMAS, BARRY D., US  
[72] CHRISTENSEN, KELLY M., US  
[72] SMYTH, THOMAS J., US  
[71] STRATOS AUDIO, US  
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[51] **Int.Cl. 7C07C 237/22 7C07D 413/12 7A61K 31/16 7A61P 31/18 7C07D 239/34 7C07D 241/44 7C07D 307/86**  
[25] EN  
[54] **GAMMA-KETOACID DIPEPTIDES AS INHIBITORS OF CASPASE-3**  
[54] **DIPEPTIDES A GAMMA CETOACIDE SERVANT D'INHIBITEURS DE CASPASE-3**  
[72] GIROUX, ANDRE, CA  
[72] ASPIOTIS, RENEE, CA  
[72] BLACK, CAMERON, CA  
[72] GRIMM, ERICH L., CA  
[72] HAN, YONGXIN, CA  
[71] MERCK FROSST CANADA & CO., CA  
[85] 2003-03-04  
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[87] 2002-03-14 (WO2002/020465)  
[30] US (60/231,019) 2000-09-08

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[13] A1  
[51] **Int.Cl. 7H04B 1/04 7H03D 7/16**  
[25] EN  
[54] **IMPROVED METHOD AND APPARATUS FOR UP- AND DOWN-CONVERSION OF RADIO FREQUENCY (RF) SIGNALS**  
[54] **PROCEDE ET APPAREIL PERMETTANT D'EFFECTUER UNE CONVERSION D'ELEVATION ET D'ABAISSMENT DE FREQUENCE SUR DES SIGNAUX RADIOFREQUENCE (RF)**  
[72] MANKU, TAJINDER, CA  
[72] SNYDER, CHRISTOPHER EUGENE, CA  
[72] WEALE, GARETH, CA  
[72] WONG, LAWRENCE, CA  
[71] SIRIFIC WIRELESS CORPORATION, CA  
[85] 2003-03-03  
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[87] 2002-03-07 (WO2002/019548)  
[30] CA (PCT/CA00/00994) 2000-09-01  
[30] CA (PCT/CA00/00995) 2000-09-01  
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[51] **Int.Cl. 7C09C 3/08 7C09J 175/00 7C09J 201/00 7C08K 3/00 7C08G 18/10**  
[25] EN  
[54] **CHEMICALLY REACTIVE ADHESIVE COMPRISING AT LEAST ONE MICRO ENCAPSULATED COMPONENT**  
[54] **SUBSTANCE ADHESIVE REACTIONNELLE COMPRENANT AU MOINS UNE COMPOSANTE EN MICROCAPSULE**  
[72] UNGER, LOTHAR, DE  
[72] MECKEL-JONAS, CLAUDIA, DE  
[72] HENKE, GUNTER, DE  
[72] MEIER, FRANK, DE  
[72] KIRSTEN, CHRISTIAN N., DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
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[51] **Int.Cl. 7B01J 35/02 7C01B 3/04 7B01J 27/04 7C01B 17/06**  
[25] EN  
[54] **METHOD FOR PREPARING HIGHLY ACTIVE PHOTOCATALYST AND METHOD FOR TREATING HYDROGEN SULFIDE ALLOWING RECOVERY OF HYDROGEN GAS WITH LOW ENERGY CONSUMPTION BY USE OF HIGHLY ACTIVE PHOTOCATALYST**  
[54] **PROCEDE DE PREPARATION D'UN PHOTOCATALYSEUR HAUTEMENT ACTIF ET PROCEDE DE TRAITEMENT DE SULFURE D'HYDROGENE PERMETTANT DE RECUPERER DU GAZ HYDROGENE AVEC UNE FAIBLE CONSOMMATION D'ENERGIE A L'AIDE D'UN PHOTOCATALYSEUR HAUTEMENT ACTIF**  
[72] TOHJI, KAZUYUKI, JP  
[72] KASUYA, ATSUO, JP  
[71] JAPANESE SCIENCE AND TECHNOLOGY CORPORATION, JP  
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[30] JP (2000-266114) 2000-09-01

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[51] **Int.Cl. 7C07D 317/34 7C07J 41/00 7C07D 319/06 7A61P 9/10 7A61K 47/48**  
[25] EN  
[54] **ACID-SENSITIVE COMPOUNDS, PREPARATION AND USES THEREOF**  
[54] **COMPOSES ACIDOSENSIBLES, LEUR PREPARATION ET UTILISATIONS**  
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[72] MASSON, CHRISTOPHE, FR  
[72] BESSODES, MICHEL, FR  
[72] WETZER, BARBARA, FR  
[71] GENCELL S.A., FR  
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[30] FR (0011278) 2000-09-05  
[30] US (60/239,116) 2000-10-11

[21] **2,421,181**  
[13] A1  
[51] **Int.Cl. 7G01N 27/48 7G01N 27/49**  
[25] EN  
[54] **METHOD OF MEASURING COPPER ION CONCENTRATION IN INDUSTRIAL ELECTROLYTES**  
[54] **PROCEDE DE MESURE DE CONCENTRATION D'IONS CUIVRE DANS DES ELECTROLYTES INDUSTRIELS**  
[72] PLINSKA, STANISLAWA, PL  
[72] GLADYSZ, OLYMPIA, PL  
[72] LOS, PRZEMYSLAW, PL  
[72] FUGLEWICZ, BOGUSLAW, PL  
[72] MALACHOWICZ, GRZEGORZ, PL  
[72] KOZAKIEWICZ, ANDRZEJ, PL  
[72] BAS, BOGUSLAW, PL  
[72] NOWAK, JACEK, PL  
[72] SLOMKA, MAREK, PL  
[72] URBANOWICZ, KRZYSTOF, PL  
[72] RAPACZ, ANDRZEJ, PL  
[71] KGHM POLSKA MIEDZ S.A., PL  
[85] 2003-03-03  
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[13] A1

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[54] **CONJUGATES OF ANTIOXIDANTS WITH METAL CHELATING LIGANDS FOR USE IN DIAGNOSTIC AND THERAPEUTIC APPLICATIONS**  
[54] **CONJUGUES D'ANTIOXYDANTS ET DE LIGANDS DE CHELATION METALLIQUE DESTINES A DES APPLICATIONS DIAGNOSTIQUES ET THERAPEUTIQUES**  
[72] RANGANATHAN, RAMACHANDRA S., US  
[72] FAN, HELEN, US  
[72] TWEEDLE, MICHAEL F., US  
[71] BRACCO INTERNATIONAL BV, NL  
[85] 2003-03-03  
[86] 2001-10-31 (PCT/US2001/046002)  
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[30] US (60/244,547) 2000-10-31

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[13] A1

[51] **Int.Cl. 7E04G 1/20 7B66F 11/04 7B66F 1/08 7E04G 1/24**  
[25] EN  
[54] **IMPROVED SELF-RAISING PLATFORM ASSEMBLY**  
[54] **ENSEMBLE PLATE-FORME AUTO-ELEVATEUR PERFECTIONNEE**  
[72] ROBILLARD, JEAN G., CA  
[71] ROBILLARD, JEAN G., CA  
[85] 2003-03-03  
[86] 2001-09-05 (PCT/CA2001/001273)  
[87] 2002-03-14 (WO2002/020919)  
[30] CA (2,317,987) 2000-09-11

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[13] A1

[51] **Int.Cl. 7F04B 27/06 7F01B 13/06 7F01C 1/344 7F04C 18/344**  
[25] EN  
[54] **ROTARY FLUID MACHINE**  
[54] **MACHINE A FLUIDE ROTATIVE**  
[72] SANO, RYUJI, JP  
[72] HONMA, KENSUKE, JP  
[72] KOMATSU, HARUHIKO, JP  
[72] ENDOH, TSUNEO, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[85] 2003-03-03  
[86] 2001-09-04 (PCT/JP2001/007653)  
[87] 2003-03-03 (WO2002/020987)  
[30] JP (2000-271512) 2000-09-04

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[13] A1

[51] **Int.Cl. 7F04B 27/06 7F01B 13/06 7F01C 1/344 7F04C 18/344**  
[25] EN  
[54] **ROTARY FLUID MACHINE**  
[54] **POMPE A FLUIDE ROTATIVE**  
[72] KIMURA, YASUNARI, JP  
[72] TAKAHASHI, TSUTOMU, JP  
[72] ICHIKAWA, HIROSHI, JP  
[72] ENDOH, TSUNEO, JP  
[72] TAJIMA, YUICHIRO, JP  
[72] SANO, RYUJI, JP  
[72] KOMATSU, HARUHIKO, JP  
[72] HONMA, KENSUKE, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[85] 2003-03-03  
[86] 2001-09-04 (PCT/JP2001/007656)  
[87] 2003-03-03 (WO2002/020988)  
[30] JP (2000-271509) 2000-09-04

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[13] A1

[51] **Int.Cl. 7C09C 1/24 7C01G 49/00 7C01G 49/06**  
[25] EN  
[54] **METHOD FOR PRODUCING AN IRON OXIDE NUCLEUS CONTAINING ALUMINIUM**  
[54] **PROCEDE DE FABRICATION D'UN GERME D'OXYDE DE FER CONTENANT DE L'ALUMINIUM**  
[72] MEISEN, ULRICH, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2003-03-04  
[86] 2001-08-27 (PCT/EP2001/009835)  
[87] 2002-03-14 (WO2002/020673)  
[30] DE (100 44 097.5) 2000-09-07

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[13] A1

[51] **Int.Cl. 7C11D 3/00 7C11D 3/20 7C11D 1/835**  
[25] EN  
[54] **FABRIC CONDITIONING COMPOSITIONS**  
[54] **COMPOSITIONS ASSOULISSANTES POUR TEXTILES**  
[72] HOWARD, JANE, GB  
[72] PARSONS, JOHN STUART, GB  
[72] ORMANDY, KEVIN ANTHONY, GB  
[72] MOHAMMADI, MANSUR SULTAN, GB  
[71] UNILEVER PLC, GB  
[85] 2003-03-03  
[86] 2001-08-24 (PCT/EP2001/009884)  
[87] 2002-03-14 (WO2002/020707)  
[30] GB (0021766.1) 2000-09-05

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[13] A1

[51] **Int.Cl. 7A01K 1/12**  
[25] EN  
[54] **AN IMPROVED CONSTRUCTION FOR MILKING OF ANIMALS**  
[54] **CONSTRUCTION AMELIOREE DESTINEE A LA TRAITE D'ANIMAUX**  
[72] CHRISTENSEN, JOHN M., DK  
[71] DELAVAL HOLDING AB, SE  
[85] 2003-03-04  
[86] 2001-08-28 (PCT/SE2001/001822)  
[87] 2002-03-14 (WO2002/019806)  
[30] SE (0003149-2) 2000-09-06

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[13] A1

[51] **Int.Cl. 7C07B 61/00 7G01N 33/53**  
[25] EN  
[54] **GENERATION OF COMBINATORIAL LIBRARIES AND ASSESSMENT THEREOF BY DECONVOLUTION**  
[54] **PRODUCTION DE BANQUES COMBINATOIRES ET EVALUATION DESDITES BANQUES PAR DECONVOLUTION**  
[72] BUNYAPAIBOONSRI, TARIDOPORN, FR  
[72] LEHN, JEAN-MARIE, FR  
[72] RAMSTROM, OLOF, FR  
[71] THERASCOPE AG, DE  
[85] 2003-03-03  
[86] 2001-09-04 (PCT/EP2001/010170)  
[87] 2002-03-14 (WO2002/020435)  
[30] EP (00119120.4) 2000-09-04

[21] **2,421,201**  
[13] A1

[51] **Int.Cl. 7C12G 3/08 7C12C 12/00 7C12C 12/02 7A23L 1/29 7A23L 1/308**  
[25] EN  
[54] **HIGH SOLUBLE DIETARY FIBRE FERMENTED BEVERAGE AND PROCESS FOR ITS PRODUCTION**  
[54] **BOISSON FERMENTEE A FIBRE ALIMENTAIRE HAUTEMENT SOLUBLE, ET PROCEDE DE FABRICATION**  
[72] KING, ALAN WILLIAM, NZ  
[72] BRIER, MALCOLM, NZ  
[72] SHETTY, JAYARAMA K., US  
[71] LION NATHAN BRANDS COMPANY LIMITED, NZ  
[71] GENENCOR INTERNATIONAL, INC., US  
[85] 2003-03-03  
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[87] 2002-03-14 (WO2002/020712)  
[30] NZ (506781) 2000-09-05

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[13] A1  
[51] **Int.Cl. 7G06F 19/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR IDENTIFYING COMMERCIALY DISTRIBUTED ORGANISMS**  
[54] **PROCEDE ET SYSTEME PERMETTANT D'IDENTIFIER DES ORGANISMES DISTRIBUES COMMERCIALEMENT**  
[72] GRESSEL, JONATHAN, IL  
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL  
[85] 2003-03-03  
[86] 2001-08-21 (PCT/IL2001/000783)  
[87] 2002-03-14 (WO2002/021418)  
[30] US (09/655,960) 2000-09-05

[21] **2,421,207**  
[13] A1  
[51] **Int.Cl. 7B65D 81/34 7H05B 6/80**  
[25] EN  
[54] **MICROWAVE-HEATING CONTAINER**  
[54] **RECIPIENT POUR CHAUFFAGE PAR MICRO-ONDES**  
[72] EL HABA, MOSTAFA, FR  
[72] BERTEAUD, ANDRE-JEAN, FR  
[72] GERMAIN, ALAIN, FR  
[72] MAHE, PATRICK, FR  
[71] MICROONDES ENERGIE SYSTEMES, FR  
[85] 2003-02-28  
[86] 2001-08-30 (PCT/FR2001/002698)  
[87] 2002-03-07 (WO2002/018231)  
[30] FR (00/11171) 2000-09-01

[21] **2,421,208**  
[13] A1  
[51] **Int.Cl. 7F04B 27/06 7F01B 13/06 7F01C 1/344 7F04C 18/344**  
[25] EN  
[54] **ROTARY FLUID MACHINERY**  
[54] **MACHINE A FLUIDE ROTATIVE**  
[72] ITOH, NAOKI, JP  
[72] HONMA, KENSUKE, JP  
[72] TAKAHASHI, TSUTOMU, JP  
[72] ENDOH, TSUNEO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[85] 2003-03-03  
[86] 2001-09-04 (PCT/JP2001/007652)  
[87] 2003-03-03 (WO2002/020986)  
[30] JP (2000-271511) 2000-09-04

[21] **2,421,209**  
[13] A1  
[51] **Int.Cl. 7C07D 409/12 7A61P 25/00 7A61P 11/06 7C07D 409/14 7C07D 413/14 7A61P 25/16 7C07D 333/34 7A61K 31/4025 7A61K 31/4535 7A61K 31/55**  
[25] EN  
[54] **PHARMACEUTICALLY ACTIVE SULFONAMIDE DERIVATIVES BEARING BOTH LIPOPHILIC AND IONISABLE MOIETIES AS INHIBITORS OF PROTEIN JUNKINASES**  
[54] **DERIVES DE SULFONAMIDE PHARMACEUTIQUEMENT ACTIFS COMPRENANT DES FRAGMENTS LIPOPHILES ET IONISABLES UTILISES COMME INHIBITEURS DES JUNKINASES (JNK)**  
[72] ARKINSTALL, STEPHEN, US  
[72] CHURCH, DENNIS, CH  
[72] HALAZY, SERGE, FR  
[72] RUECKLE, THOMAS, CH  
[72] CAMPS, MONTERRAT, CH  
[72] BIAMONTE, MARCO, CH  
[72] GOTTELAND, JEAN-PIERRE, FR  
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN  
[85] 2003-02-28  
[86] 2001-09-27 (PCT/IB2001/001772)  
[87] 2002-04-04 (WO2002/026733)  
[30] EP (00810887.0) 2000-09-27

[21] **2,421,210**  
[13] A1  
[51] **Int.Cl. 7D21F 11/00**  
[25] EN  
[54] **PATTERNED PAPER MACHINE CLOTHING**  
[54] **HABILLAGE DE MACHINE A PAPIER A MOTIFS**  
[72] AMPULSKI, ROBERT STANLEY, US  
[71] THE PROCTER AND GAMBLE COMPANY, US  
[85] 2003-02-28  
[86] 2001-08-31 (PCT/US2001/027215)  
[87] 2002-03-14 (WO2002/020900)  
[30] US (60/230,501) 2000-09-06

[21] **2,421,211**  
[13] A1  
[51] **Int.Cl. 7E21B 31/00**  
[25] EN  
[54] **METHOD AND DEVICE TO FREE STUCK OBJECTS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE LIBERER DES OBJETS BLOQUES**  
[72] EDDISON, ALAN MARTYN, GB  
[71] ANDERGAUGE LIMITED, GB  
[85] 2003-03-03  
[86] 2001-09-04 (PCT/GB2001/003968)  
[87] 2002-03-14 (WO2002/020940)  
[30] GB (0021743.0) 2000-09-05

[21] **2,421,213**  
[13] A1  
[51] **Int.Cl. 7C07D 417/12 7A61P 3/00 7A61K 31/44**  
[25] EN  
[54] **THE HYDROCHLORIDE SALT OF 5-[4-[2-(N-METHYL-N-(2-PYRIDYL)AMINO)ETHOXY]BENZYL]THIAZOLIDINE-2,4-DIONE**  
[54] **SELS HYDROCHLORIDRATES DE 5-[4-[2-(N-METHYL-N-(2-PYRIDYL)AMINO)ETHOXY]BENZYL]THIAZOLIDINE-2,4-DIONE**  
[72] CRAIG, ANDREW SIMON, GB  
[72] MILLAN, MICHAEL, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[85] 2003-03-03  
[86] 2001-09-05 (PCT/GB2001/003991)  
[87] 2002-03-14 (WO2002/020519)  
[30] GB (0021865.1) 2000-09-06

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[21] **2,421,214**  
[13] A1

[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR XML DATA STORAGE, QUERY REWRITES, VISUALIZATION, MAPPING AND REFERENCES**  
[54] **PROCEDE ET SYSTEME POUR STOCKER, REECRIRE DES INTERROGATIONS, VISUALISER, MAPPER ET REFERENCER DES DONNEES XML**

[72] NIMANI, VISAR, US  
[72] KRISHNAMURTHY, VISWANATHAN, US  
[72] MURTHY, RAVI, US  
[72] KRISHNAPRASAD, MURALIDHAR, US

[71] ORACLE INTERNATIONAL CORPORATION, US

[85] 2003-02-28  
[86] 2001-09-07 (PCT/US2001/028180)  
[87] 2002-03-14 (WO2002/021339)  
[30] US (60/230,878) 2000-09-07  
[30] US (09/948,949) 2001-09-06  
[30] US (09/949,020) 2001-09-06  
[30] US (09/948,998) 2001-09-06

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[21] **2,421,216**  
[13] A1

[51] **Int.Cl. 7A61L 15/60 7C08L 101/14**  
[25] EN  
[54] **PULVERULENT, CROSS-LINKED POLYMERS, CAPABLE OF ABSORBING AQUEOUS LIQUIDS AND BLOOD**  
[54] **POLYMERES RETICULES PULVERULENTS ABSORBANT DES LIQUIDES AQUEUX ET DU SANG**

[72] HARREN, JORG, DE  
[72] MERTENS, RICHARD, DE  
[71] STOCKHAUSEN GMBH & CO. KG, DE

[85] 2003-03-03  
[86] 2001-06-05 (PCT/EP2001/006362)  
[87] 2003-03-03 (WO2002/020068)  
[30] DE (100 43 706.0) 2000-09-04

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[13] A1

[51] **Int.Cl. 7G01N 33/483 7G01N 27/06 7G01N 33/53**  
[25] EN  
[54] **REACTION DETECTING METHOD, IMMUNOREACTION DETECTING METHOD AND DEVICE**  
[54] **METHODE DE DETECTION D'UNE REACTION, METHODE DE DETECTION D'UNE IMMUNOREACTION ET DISPOSITIF CORRESPONDANT**

[72] ISHII, MASARU, JP  
[72] GOTSU, TOSHIO, JP  
[72] SEINO, YUKO, JP  
[71] SEINO, YUKO, JP

[85] 2003-03-03  
[86] 2001-09-20 (PCT/JP2001/008188)  
[87] 2003-03-03 (WO2002/025274)  
[30] JP (2000-286188) 2000-09-20

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[21] **2,421,218**  
[13] A1

[51] **Int.Cl. 7C07K 14/705 7A01K 67/027 7C12N 5/10 7C12N 15/12 7C07K 16/28 7G01N 33/53 7G01N 33/566 7C12Q 1/68**  
[25] EN  
[54] **ISOLATED HUMAN TRANSPORTER PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS, AND USES THEREOF**  
[54] **PROTEINES TRANSPORTEUSES HUMAINES ISOLEES, MOLECULES D'ACIDES NUCLEIQUES CODANT LES PROTEINES TRANSPORTEUSES HUMAINES ET UTILISATION DE CES DERNIERES**

[72] KETCHUM, KAREN A., US  
[72] BEASLEY, ELLEN M., US  
[72] DI FRANCESCO, VALENTINA, US  
[71] PE CORPORATION (NY), US

[85] 2003-02-28  
[86] 2001-09-07 (PCT/US2001/028222)  
[87] 2002-03-14 (WO2002/020763)  
[30] US (60/230,702) 2000-09-07  
[30] US (09/684,390) 2000-10-10

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[13] A1

[51] **Int.Cl. 7C07D 215/40 7C07D 209/08 7C07D 209/30 7A61K 31/496**  
[25] EN  
[54] **ARYLPIPERAZINE DERIVATIVES AND THEIR USE AS PSYCHOTROPIC AGENTS**  
[54] **DERIVES D'ARYLPIPERAZINE ET LEUR UTILISATION COMME MEDICAMENTS PSYCHOTROPES**

[72] HARTING, JURGEN, DE  
[72] GOTTSCHLICH, RUDOLF, DE  
[72] DORSCH, DIETER, DE  
[72] BARTOSZYK, GERD, DE  
[72] SEYFRIED, CHRISTOPH, DE  
[72] VAN AMSTERDAM, CHRISTOPH, DE

[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE

[85] 2003-03-03  
[86] 2001-08-07 (PCT/EP2001/009108)  
[87] 2003-03-03 (WO2002/020491)  
[30] DE (100 43 659.5) 2000-09-05

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[21] **2,421,220**  
[13] A1

[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **INFORMATION SYSTEM AND METHOD USING ANALYSES BASED ON OBJECT-CENTRIC LONGITUDINAL DATA**  
[54] **SYSTEME DE RENSEIGNEMENTS ET PROCEDE UTILISANT DES ANALYSES FONDEES SUR DES DONNEES LONGITUDINALES ORIENTEES OBJET**

[72] HUDAK, MARK, CA  
[72] RICHMAN, ELLIOTT M., CA  
[72] RICHMAN, ALEX, CA  
[71] ALGOPLUS CONSULTING LIMITED, CA

[85] 2003-03-04  
[86] 2001-09-04 (PCT/CA2001/001242)  
[87] 2002-03-14 (WO2002/021326)  
[30] US (09/654,911) 2000-09-05

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[13] A1

[51] **Int.Cl. 7G06F 17/18 7G01N 35/00**  
[25] EN  
[54] **STATISTICAL MODELING TO ANALYZE LARGE DATA ARRAYS**  
[54] **MODELISATION STATISTIQUE PERMETTANT L'ANALYSE DE GRANDS TABLEAUX DE DONNEES**  
[72] BREEDEN, LINDA, US  
[72] ZHAO, LUE P., US  
[72] PRENTICE, ROSS, US  
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US  
[85] 2003-02-28  
[86] 2001-08-30 (PCT/US2001/027273)  
[87] 2002-03-07 (WO2002/019602)  
[30] US (60/229,866) 2000-09-01  
[30] US (60/282,245) 2001-04-06

[21] **2,421,222**  
[13] A1

[51] **Int.Cl. 7C07D 239/84 7A61P 7/02 7A61K 31/517**  
[25] EN  
[54] **2-GUANIDINO-4-ARYL-QUINAZOLINE**  
[54] **2-GUANIDINO-4-ARYL-QUINAZOLINE**  
[72] BEIER, NORBERT, DE  
[72] WILM, CLAUDIA, DE  
[72] GERICKE, ROLF, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2003-03-03  
[86] 2001-08-13 (PCT/EP2001/009325)  
[87] 2003-03-03 (WO2002/020496)  
[30] DE (100 43 667.6) 2000-09-05

[21] **2,421,224**  
[13] A1

[51] **Int.Cl. 7B07B 1/28 7B01D 29/01 7B07B 1/04 7B01D 33/04 7B07B 1/10**  
[25] EN  
[54] **DEVICE AND METHOD FOR SIEVING, SIZING, SIFTING, FILTERING OR SORTING SUBSTANCES**  
[54] **DISPOSITIF ET PROCEDE POUR TAMISER, CLASSER, CRIBLER, FILTRER OU TRIER DES MATIERES**  
[72] SOLENTHALER, JURG, CH  
[71] TELSONIC AG, CH  
[85] 2003-03-03  
[86] 2001-08-16 (PCT/EP2001/009424)  
[87] 2003-03-03 (WO2002/020182)  
[30] EP (00810791.4) 2000-09-04  
[30] EP (00124200.7) 2000-11-08

[21] **2,421,225**  
[13] A1

[51] **Int.Cl. 7C11D 1/835 7C11D 3/00 7C11D 11/00 7C11D 3/20**  
[25] EN  
[54] **A METHOD OF PREPARING FABRIC CONDITIONING COMPOSITIONS**  
[54] **PROCEDE DE FABRICATION DE COMPOSITIONS DE CONDITIONNEMENT DE TISSU**  
[72] HOWARD, JANE, GB  
[72] PARSONS, JOHN STUART, GB  
[72] ORMANDY, KEVIN ANTHONY, GB  
[71] UNILEVER PLC, GB  
[85] 2003-03-03  
[86] 2001-08-24 (PCT/EP2001/009882)  
[87] 2002-03-14 (WO2002/020706)  
[30] GB (0021765.3) 2000-09-05

[21] **2,421,226**  
[13] A1

[51] **Int.Cl. 7A01N 41/06 7A01N 47/14 7A01N 47/32 7A01N 37/34 7A01N 47/34 7A01N 43/36 7A01N 43/40 7A01N 37/46 7A01N 37/50 7A01N 43/50 7A01N 43/54 7A01N 43/828 7A01N 43/84**  
[25] EN  
[54] **FUNGICIDAL COMPOSITIONS**  
[54] **COMPOSITIONS FONGIQUES**  
[72] ZELLER, MARTIN, CH  
[72] NUNINGER, COSIMA, CH  
[71] SYNGENTA PARTICIPATIONS AG, CH  
[85] 2003-03-04  
[86] 2001-09-10 (PCT/EP2001/010446)  
[87] 2002-03-21 (WO2002/021918)  
[30] GB (0022338.8) 2000-09-12

[21] **2,421,227**  
[13] A1

[51] **Int.Cl. 7E21B 4/02**  
[25] EN  
[54] **DOWNHOLE MOTOR LOCK-UP TOOL**  
[54] **INSTRUMENT DE VERROUILLAGE DE MOTEUR DE PERFORATION VERS LE BAS**  
[72] GILLIES, IAN ALEXANDER, GB  
[72] MCGARIAN, BRUCE, GB  
[71] SMITH INTERNATIONAL, INC., US  
[85] 2003-03-04  
[86] 2002-07-30 (PCT/GB2002/003483)  
[87] 2003-02-13 (WO2003/012242)  
[30] GB (0118521.4) 2001-07-30  
[30] GB (0124349.2) 2001-10-10

[21] **2,421,228**  
[13] A1

[51] **Int.Cl. 7C07D 211/34 7A61P 3/06 7C07D 295/14 7C07D 213/40 7A61K 31/495**  
[25] EN  
[54] **POLYARYLCARBOXAMIDES USEFUL AS LIPID LOWERING AGENTS**  
[54] **POLYARYLCARBOXAMIDES UTILISES COMME AGENTS HYPOLIPIDIANTS**  
[72] MEERPOEL, LIEVEN, BE  
[72] ROEVENS, PETER WALTER MARIA, BE  
[72] BACKX, LEO JACOBUS JOZEF, BE  
[72] VAN DER VEKEN, LOUIS JOZEF ELISABETH, BE  
[72] VIELLEVOYE, MARCEL, BE  
[71] JANSSEN PHARMACEUTICA N.V., BE  
[85] 2003-03-03  
[86] 2001-08-27 (PCT/EP2001/009926)  
[87] 2002-03-14 (WO2002/020501)  
[30] EP (00203067.4) 2000-09-04

[21] **2,421,230**  
[13] A1

[51] **Int.Cl. 7C09K 11/62 7H05B 33/10 7H05B 33/14**  
[25] EN  
[54] **PHOSPHOR THIN FILM, ITS PRODUCTION METHOD, AND EL PANEL**  
[54] **COUCHE MINCE LUMINOPHORE, SON PROCEDE DE PRODUCTION, ET PANNEAU ELECTROLUMINESCENT**  
[72] OIKE, TOMOYUKI, JP  
[72] YANO, YOSHIHIKO, JP  
[71] TDK CORPORATION, JP  
[85] 2003-03-04  
[86] 2002-04-19 (PCT/JP2002/003927)  
[87] 2003-03-04 (WO2002/086017)  
[30] JP (2001-121591) 2001-04-19  
[30] JP (2002-30132) 2002-02-06

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[13] A1

[51] **Int.Cl. 7B01F 5/00 7G21C 15/18**  
[25] EN  
[54] **NUCLEAR REACTOR**  
[54] **REACTEUR NUCLEAIRE**  
[72] FOX, MARIUS, ZA  
[72] HAASBROEK, ANDRIES,  
CORNELIUS, ZA  
[72] VENTER, PIETER, JACOBUS, ZA  
[71] ESKOM, ZA  
[85] 2003-02-28  
[86] 2001-09-03 (PCT/IB2001/001606)  
[87] 2002-03-14 (WO2002/021537)  
[30] ZA (2000/4635) 2000-09-04  
[30] ZA (2001/6068) 2001-07-24

[21] **2,421,232**  
[13] A1

[51] **Int.Cl. 7A61B 1/04**  
[25] EN  
[54] **DOUBLE SLEEVE ENDOSCOPE**  
[54] **ENDOSCOPE A DOUBLE**  
**MANCHON**  
[72] OZ, DAN, IL  
[72] VOLOSHIN, MICHAEL, IL  
[72] BAROR, YAAKOV, IL  
[71] SIGHTLINE TECHNOLOGIES LTD.,  
IL  
[85] 2003-03-03  
[86] 2001-08-21 (PCT/IL2001/000778)  
[87] 2002-03-14 (WO2002/019886)  
[30] IL (138237) 2000-09-04

[21] **2,421,233**  
[13] A1

[51] **Int.Cl. 7H04B 7/212 7H04L 12/28**  
[25] EN  
[54] **IP MULTICASTING IN MESH**  
**TDMA SATELLITE NETWORKS**  
[54] **MULTIDIFFUSION IP SUR DES**  
**RESEAUX SATELLITAIRES MAILLES**  
**A ACCES MULTIPLE PAR**  
**REPARTITION DANS LE TEMPS (TIME**  
**DIVISION MULTIPLE ACCESS : TDMA)**  
[72] AGARWAL, ANIL K., US  
[72] RAO, ASHOK K., US  
[72] RAMASWAMY, SREENIVAS, US  
[72] REMPE, STEVEN P., US  
[71] VIASAT INC., US  
[85] 2003-03-04  
[86] 2001-10-15 (PCT/US2001/027769)  
[87] 2002-05-16 (WO2002/037924)  
[30] US (09/689,739) 2000-10-13

[21] **2,421,235**  
[13] A1

[51] **Int.Cl. 7H04B 7/26**  
[25] EN  
[54] **APPARATUS AND METHOD FOR**  
**CONTROLLING TRANSMISSION**  
**POWER IN A MOBILE**  
**COMMUNICATION SYSTEM**  
[54] **APPAREIL ET PROCEDE POUR**  
**REGULER LA PUISSANCE**  
**D'EMISSION DANS UN SYSTEME DE**  
**COMMUNICATION MOBILE**  
[72] OH, JEONG-TAE, KR  
[72] YANG, SANG-HYUN, KR  
[72] JO, SUNG-KWON, KR  
[71] SAMSUNG ELECTRONICS CO.,  
LTD., KR  
[85] 2003-03-04  
[86] 2002-07-10 (PCT/KR2002/001304)  
[87] 2003-01-23 (WO2003/007507)  
[30] KR (2001/42312) 2001-07-13

[21] **2,421,236**  
[13] A1

[51] **Int.Cl. 7D21G 3/00 7G05D 5/02**  
**7B05C 11/04 7D21H 23/34 7D21H 23/78**  
[25] EN  
[54] **METHOD FOR CONTROLLING**  
**DEFLECTION AND/OR POSITION OF A**  
**DEFLECTION-COMPENSATED**  
**DOCTOR BEAM**  
[54] **PROCEDE DE REGLAGE DE LA**  
**FLEXION ET/OU DE LA POSITION**  
**D'UNE TRAVERSE SUPPORT DE**  
**RACLE COMPENSEE EN FLEXION**  
[72] MAKINEN, JUKKA, FI  
[72] KIIHA, TIMO, US  
[72] KOSKINEN, JUKKA, FI  
[71] METSO PAPER, INC., FI  
[85] 2003-03-04  
[86] 2001-09-17 (PCT/FI2001/000805)  
[87] 2002-03-21 (WO2002/022950)  
[30] FI (20002056) 2000-09-18

[21] **2,421,237**  
[13] A1

[51] **Int.Cl. 7A61C 8/00 7B65D 81/05**  
[25] EN  
[54] **PACKAGE**  
[54] **EMBALLAGE**  
[72] WENDEL, MATS, SE  
[72] HOFVERBERG, NIKLAS, SE  
[71] ASTRA TECH AB, SE  
[85] 2003-03-04  
[86] 2001-10-10 (PCT/SE2001/002195)  
[87] 2002-04-18 (WO2002/030315)  
[30] SE (0003672-3) 2000-10-12

[21] **2,421,243**  
[13] A1

[51] **Int.Cl. 7A61F 2/02 7A61F 2/00**  
[25] EN  
[54] **FLEXIBLE IMPLANT**  
[54] **IMPLANT SOUPLE**  
[72] SCHULDT-HEMPE, BARBARA, DE  
[72] WALTHER, CHRISTOPH, DE  
[71] ETHICON GMBH, DE  
[85] 2003-03-03  
[86] 2001-08-10 (PCT/EP2001/009299)  
[87] 2002-03-14 (WO2002/019944)  
[30] DE (100 43 396.0) 2000-09-04

[21] **2,421,247**  
[13] A1

[51] **Int.Cl. 7H04L 29/06 7G07F 7/00**  
**7B67D 5/06 7B67D 5/14 7H04L 12/24**  
**7G06F 17/60**  
[25] EN  
[54] **VENDING SYSTEM**  
[54] **SYSTEME DE VENTE**  
[72] CARAPELLI, GIOVANNI, IT  
[71] GILBARCO S.P.A., IT  
[85] 2003-03-03  
[86] 2001-08-28 (PCT/IB2001/001854)  
[87] 2002-03-07 (WO2002/019286)  
[30] GB (00118970.3) 2000-09-01

[21] **2,421,250**  
[13] A1

[51] **Int.Cl. 7B01D 15/04**  
[25] EN  
[54] **METHOD FOR SEPARATING**  
**MULTIVALENT METAL IONS**  
[54] **PROCEDE DE SEPARATION**  
**D'IONS METALLIQUES**  
**MULTIVALENTS**  
[72] FRISTAD, WILLIAM F., US  
[72] AHMED, BASHIR M., US  
[72] KOZAK, WILLIAM G., US  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF  
AKTIEN, DE  
[85] 2003-02-28  
[86] 2001-08-24 (PCT/US2001/026612)  
[87] 2002-03-07 (WO2002/018029)  
[30] US (60/228,833) 2000-08-28

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[21] **2,421,252**  
[13] A1  
[51] **Int.Cl. 7A47J 45/10**  
[25] EN  
[54] **DETACHABLE DEVICE FOR GRIPPING, LIFTING, HANDLING AND TILTING COOKING UTENSILS WITH TWO HANDLES**  
[54] **DISPOSITIF AMOVIBLE POUR SAISIR, SOULEVER, MANIPULER ET VERSER DES USTENSILES DE CUISSON AYANT DEUX ANSES**  
[72] DODANE, PAUL, FR  
[71] DJA DODANE JEAN ET ASSOCIES DJA CRISTEL, FR  
[85] 2003-03-03  
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[54] **TUYAU DE MATERIEL DE PROTECTION CONTRE L'INCENDIE ET PROCEDES ASSOCIES DE FABRICATION**  
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[72] CHAUDHRY, MANZOOR, US  
[72] NORVILAS, STEPHEN T., US  
[72] BUSSIÈRE, ROBERT D., US  
[72] FOSTER, ELMER H., US  
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[54] **ANTIPARASITE ENTRANCE GATE FOR HONEY-BEE POPULATIONS**  
[54] **PORTE D'ENTREE DE RUCHE ANTIPARASITE POUR ESSAIM D'ABEILLES DOMESTIQUES**  
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[72] KOENIGER, NIKOLAUS, DE  
[72] GROSSE-BLEY, MICHAEL, DE  
[72] FUCHS, STEFAN, DE  
[72] ARTHUR, ROBERT G., US  
[72] WILINSKI, OTTO, DE  
[72] HEUKAMP, ULRICH, DE  
[72] TRAEUBEL, MICHAEL, DE  
[72] HEINE, JOSEF, DE  
[71] BAYER HEALTHCARE LLC, US  
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[54] **OPHTHALMIC SURGICAL SYSTEM AND METHOD**  
[54] **SYSTEME CHIRURGICAL D'OPHTHALMOLOGIE**  
[72] DYBBS, ALEXANDER, US  
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[54] **PLATE LOCATOR FOR PRECISION LIQUID HANDLER**  
[54] **POSITIONNEUR DE PLATEAUX POUR MANIPULATEUR DE LIQUIDES DE PRECISION**  
[72] FAWCETT, KEVIN R., US  
[72] ACKER, JEFFREY L., US  
[71] GILSON, INC., US  
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[86] 2001-12-31 (PCT/US2001/050799)  
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[54] **PROCEDE DE PRODUCTION DE MELAMINE A HAUTE PURETE A PARTIR D'UREE**  
[72] RIPPERGER, WILLI, DE  
[71] CASALE CHEMICALS S.A., CH  
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[54] **PRODUCTION COUPLEE DE DEUX ESTERS**  
[72] BAUER, HELMUT, DE  
[72] MERSCHER, KLAUS DIETER, DE  
[72] SCHULZ, ECKHARD, DE  
[71] CELANESE CHEMICALS EUROPE GMBH, DE  
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[54] **BIODEGRADABLE MOLDED ARTICLES, PROCESS FOR PRODUCING THE SAME AND COMPOSITIONS FOR FOAM MOLDING**  
[54] **ARTICLES MOULES BIODEGRADABLES, LEUR PROCEDE DE PRODUCTION ET COMPOSITION POUR LE MOULAGE DE LA MOUSSE**  
[72] TANAKA, SHINJI, JP  
[72] SHINOHARA, RUMI, JP  
[72] HASHIMOTO, AKIHISA, JP  
[72] OZASA, AKIO, JP  
[71] NISSEI KABUSHIKI KAISHA, JP  
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[54] **PROCEDE POUR PRODUIRE DES PIGMENTS JAUNES A BASE D'OXYDE DE FER**  
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[71] BAYER AKTIENGESELLSCHAFT, DE  
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[25] EN  
[54] **METHOD AND DEVICE FOR GASIFYING LARGE PIECES OF SOLID FUELS, ESPECIALLY BIOMASS**  
[54] **PROCEDE ET DISPOSITIF DE GAZEIFICATION DE COMBUSTIBLES SOLIDES EN GROS MORCEAUX, EN PARTICULIER D'UNE BIOMASSE**  
[72] HERLT, CHRISTIAN, DE  
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[54] **ETAGERE DE STOCKAGE**  
[72] CROSS, DAVID J., US  
[72] CULPEPPER, BERT Y., US  
[72] KIRCHER, TIMOTHY G., US  
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[54] **GAS FLOW SENSOR, SPEAKER SYSTEM AND MICROPHONE**  
[54] **CAPTEUR D'ECOULEMENT GAZEUX, SYSTEME DE HAUT-PARLEUR ET MICRO, METTANT EN APPLICATION LA MESURE DE VARIATIONS TEMPORELLES EN PRESSION ABSOLUE**  
[72] FLOLOV, GENNADIY, CA  
[72] LANDSBERGER, LESLIE M., CA  
[72] GRUDIN, OLEG, CA  
[71] MICROBRIDGE TECHNOLOGIES INC., CA  
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[54] **4-HALOGENATED 17-METHYLENE STEROIDS, METHOD FOR THE PRODUCTION THEREOF AND PHARMACEUTICAL COMPOSITIONS CONTAINING THESE COMPOUNDS**  
[54] **STEROIDES DE 17-METHYLENE, PROCEDE PERMETTANT DE LES PRODUIRE ET COMPOSITIONS PHARMACEUTIQUES CONTENANT CES COMPOSES**  
[72] HILLISCH, ALEXANDER, DE  
[72] MULLER, GERD, DE  
[72] SCHWEIKERT, HANS-UDO, DE  
[72] MENZENBACH, BERND, DE  
[72] KAUFMANN, GUNTER, DE  
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[72] BURGESS, NORMAN, GB  
[71] CRITTALL WINDOWS LIMITED, GB  
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[72] WEIDMANN, MARKUS, CH  
[72] HESSEL, HANS, CH  
[72] WIDMER, CHRISTOPH, CH  
[71] PHONAK AG, SZ  
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[72] SCRANTON, DELBERT C. JR., US  
[72] JOHNSON, ALAN D., US  
[72] SAMUELS, ALVIN, US  
[71] M-I L.L.C., US  
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[54] **PLAQUETTE DE FREIN**  
[72] MORLEY, VIN C., AU  
[72] KIERONSKA, DOROTA, AU  
[72] NOWAK, STAN, AU  
[71] SAFE EFFECT TECHNOLOGIES INTERNATIONAL LIMITED, AU  
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[30] AU (PR 0445) 2000-08-01

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[13] A1

[51] **Int.Cl. 7H04Q 3/00**  
[25] EN  
[54] **METHOD FOR HANDLING SERVICE SCRIPTS IN A COMMUNICATION NETWORK**  
[54] **PROCEDE D'ACHEMINEMENT DE SCRIPTS DE SERVICE DANS UN RESEAU DE COMMUNICATION**  
[72] JYLHA-OLLILA, MARKKU, FI  
[72] SYRJALA, JARI, FI  
[71] NOKIA CORPORATION, FI  
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[54] **PEPTIDES DE LIAISON AUX HLA ET LEURS UTILISATIONS**  
[72] SETTE, ALESSANDRO, US  
[72] SOUTHWOOD, SCOTT, US  
[72] SIDNEY, JOHN, US  
[71] EPIMMUNE INC., US  
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[54] **SYSTEME DE FREIN A DISQUE HUMIDE**  
[72] PARSONS, FRANK, AU  
[72] NOWAK, STAN, AU  
[72] KIERONSKA, DOROTA, AU  
[72] MORELY, VIN C., AU  
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[54] **DISPOSITIF DE COLOSTOMIE AMELIORE**  
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[71] BOWEL MANAGEMENT SYSTEMS, LLC, US  
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[54] **METHOD AND SYSTEM FOR MYOCARDIAL INFARCTION REPAIR**  
[54] **PROCEDE ET SYSTEME DE REPARATION DE L'INFARCTUS DU MYOCARDE**  
[72] DONOVAN, MAURA G., US  
[72] SOYKAN, ORHAN, US  
[71] MEDTRONIC, INC., US  
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[54] **FIL-GUIDE POUVANT ETRE MANOEUVRE ET PROCEDE D'UTILISATION**  
[72] KLINT, HENRIK SONDESKOV, DK  
[71] WILLIAM COOK EUROPE APS, DK  
[71] COOK INCORPORATED, US  
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[54] **PHARMACEUTICALLY ACTIVE HYDROPHILIC SULFONAMIDE DERIVATIVES AS INHIBITORS OF PROTEIN JUNKINASES**  
[54] **DERIVES SULFONAMIDIQUES HYDROPHILES, ACTIFS DU POINT DE VUE PHARMACEUTIQUE, UTILISES COMME INHIBITEURS DES PROTEINE JUN-KINASES**  
[72] HALAZY, SERGE, FR  
[72] ARKINSTALL, STEPHEN, US  
[72] CHURCH, DENNIS, CH  
[72] GOTTELAND, JEAN-PIERRE, FR  
[72] CAMPS, MONTSERRAT, CH  
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[54] **PROCEDE D'INVESTIGATION RATIONNELLE**  
[72] RANIERE, KEITH, US  
[71] RANIERE, KEITH, US  
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[54] **SYNTHESE DE 4.ALPHA.-ARYLEPICATECHINES**  
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[72] KOZIKOWSKI, ALAN P., US  
[72] TUCKMANTEL, WERNER, US  
[71] MARS, INC., US  
[85] 2003-02-28  
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[13] A1

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[54] **EXTRACTION A HAUTE EFFICACITE DE PROTEINES**  
[72] UNDEIULAND, INGRID, SE  
[72] RICHARDS, MARK P., US  
[72] KRISTINSSON, HORDUR, US  
[72] KE, SHUMING, US  
[72] HULTIN, HERBERT O., US  
[72] KELLEHER, STEPHEN D., US  
[72] FENG, YUMING, US  
[71] UNIVERSITY OF MASSACHUSETTS, US  
[85] 2003-03-05  
[86] 2001-09-05 (PCT/US2001/027513)  
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[30] US (60/230,397) 2000-09-06

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[54] **CHROMATOGRAPHIE ET AUTRES PROCEDES D'ADSORPTION DANS LESQUELS ON UTILISE DES ADSORBANTS AU CARBONE MODIFIES**  
[72] BELMONT, JAMES A., US  
[72] REZNEK, STEVEN R., US  
[72] KYRLIDIS, AGATHAGELOS, US  
[71] CABOT CORPORATION, US  
[85] 2003-03-03  
[86] 2001-08-31 (PCT/US2001/027347)  
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[54] **CROSS-LINKED FOAMED PRESSURE SENSITIVE ADHESIVE AND METHOD FOR PREPARING THE SAME**  
[54] **ADHESIF MOUSSE RETICULE SENSIBLE A LA PRESSION ET PROCEDE DE FABRICATION ASSOCIE**  
[72] MINO, YASUHIRO, JP  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2003-03-03  
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[30] JP (2000-267593) 2000-09-04

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[51] **Int.Cl. 7H04B 10/213 7H04L 12/437**  
[25] EN  
[54] **ACTIVE EQUIPMENT PROTECTION METHODS AND APPARATUS**  
[54] **APPAREIL ET PROCEDES DE PROTECTION ACTIVE D'EQUIPEMENTS**  
[72] WOLODKOWICZ, WANDA, US  
[72] PRADZYNSKI, KRZYSZTOF, US  
[72] SUCHARCZUK, GUY, US  
[71] AURORA NETWORKS, INC., US  
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[30] US (09/658,420) 2000-09-08

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[25] EN  
[54] **MATERIALS AND METHODS FOR THE TREATMENT OR PREVENTION OF OBESITY**  
[54] **MATIERES ET PROCEDES DESTINES AU TRAITEMENT OU LA PREVENTION DE L'OBESITE**  
[72] ZEMEL, PAULA C., US  
[72] ZEMEL, MICHAEL B., US  
[72] SHI, HANG, US  
[71] THE UNIVERSITY OF TENNESSEE RESEARCH CORPORATION, US  
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[86] 2001-09-04 (PCT/US2001/027432)  
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[30] US (09/654,357) 2000-09-01

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[13] A1

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[25] EN  
[54] **SEAMLESS MASTER AND METHOD OF MAKING SAME**  
[54] **GABARIT SANS SOUDURE ET PROCEDE DE FABRICATION CORRESPONDANT**  
[72] KAISER, ED, US  
[72] SAVANT, GAJENDRA D., US  
[72] WANG, SAN ZHUANG, US  
[72] LEE, KANG S., US  
[71] PHYSICAL OPTICS CORPORATION, US  
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[13] A1

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[25] EN  
[54] **PAINTING APPARATUS WITH COMPOUND RACK**  
[54] **APPAREIL DE PEINTURE AVEC CHASSIS COMPOSE**  
[72] MEINKE, JOSEPH S., US  
[71] ADAC PLASTICS, INC., US  
[85] 2003-03-05  
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[13] A1  
[51] **Int.Cl. 7C07D 207/16 7A61P 7/02 7C07D 401/06 7C07D 401/12 7C07D 403/12 7A61K 31/40 7A61K 31/401 7A61K 31/4025 7C07D 207/48**  
[25] EN  
[54] **AMIDINE INHIBITORS OF SERINE PROTEASES**  
[54] **INHIBITEURS AMIDINE DES SERINES PROTEASES**  
[72] OLIVERA, ALAN G., US  
[72] ARTIS, DEAN R., US  
[72] PASTOR, RICHARD M., US  
[71] GENENTECH, INC., US  
[85] 2003-03-05  
[86] 2001-09-05 (PCT/US2001/027640)  
[87] 2002-03-21 (WO2002/022575)  
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[13] A1  
[51] **Int.Cl. 7H04B 10/213 7H04L 12/437**  
[25] EN  
[54] **FIBER PROTECTION AND NON-INTRUSIVE EXPANSION METHODS AND APPARATUS**  
[54] **PROCEDES ET DISPOSITIFS PERMETTANT UNE PROTECTION DES FIBRES ET UNE EXTENSION NON INTRUSIVE**  
[72] WOLODKOWICZ, WANDA, US  
[72] PRADZYNSKI, KRZYSZTOF, US  
[72] SUCHARCZUK, GUY, US  
[71] AURORA NETWORKS, INC., US  
[85] 2003-03-05  
[86] 2001-08-24 (PCT/US2001/026693)  
[87] 2002-03-14 (WO2002/021737)  
[30] US (09/657,996) 2000-09-08

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[13] A1  
[51] **Int.Cl. 7B01D 46/46**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR CONTROLLING AIR FILTRATION SYSTEMS**  
[54] **PROCEDES ET SYSTEMES POUR LA COMMANDE DE SYSTEMES DE FILTRATION D'AIR**  
[72] ARCHER, WILLIAM R., US  
[72] BEIFUS, BRIAN L., US  
[72] BECERRA, ROGER C., US  
[71] GENERAL ELECTRIC COMPANY, US  
[85] 2003-03-03  
[86] 2001-09-05 (PCT/US2001/027458)  
[87] 2002-03-14 (WO2002/020131)  
[30] US (09/655,657) 2000-09-05

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[13] A1  
[51] **Int.Cl. 7F25D 17/02 7F25C 1/00 7A23G 9/04**  
[25] EN  
[54] **CONTROL SYSTEM FOR CRYOGENIC PROCESSOR FOR LIQUID FEED PREPARATION OF A FREE-FLOWING FROZEN PRODUCT**  
[54] **SYSTEME DE COMMANDE DE DISPOSITIF DE TRAITEMENT CRYOGENE POUR A LA PREPARATION DE L'ALIMENTATION LIQUIDE D'UN PRODUIT CONGELE A ECOULEMENT FLUIDE**  
[72] JONES, STAN, US  
[72] JONES, MILFORD D., US  
[72] JONES, CURT D., US  
[71] DIPPIN' DOTS, INC., US  
[85] 2003-03-05  
[86] 2001-07-17 (PCT/US2001/022461)  
[87] 2002-03-21 (WO2002/023104)  
[30] US (60/232,564) 2000-09-14  
[30] US (09/754,707) 2001-01-04

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[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **REINSURANCE AND RISK MANAGEMENT METHOD**  
[54] **PROCEDE DE REASSURANCE ET DE GESTION DE RISQUE**  
[72] LAURENZANO, VINCENT L., US  
[71] RECOVERY NATIONAL CORPORATION, US  
[85] 2003-03-05  
[86] 2001-09-07 (PCT/US2001/028211)  
[87] 2002-03-14 (WO2002/021750)  
[30] US (60/231,014) 2000-09-08

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[13] A1  
[51] **Int.Cl. 7G07F 17/32**  
[25] EN  
[54] **METHODS AND APPARATUS FOR PROVIDING TICKETS FROM GAMING DEVICES AND/OR LOTTERY TERMINALS**  
[54] **PROCEDES ET APPAREILS DE DISTRIBUTION DE TICKETS VIA DES DISPOSITIFS DE JEU ET DES TERMINAUX DE LOTERIE**  
[72] ADAMS, WILLIAM R., US  
[72] ROEMER, MICK D., US  
[72] DEGRANDMAISON, JASON, US  
[72] MARONEY, MIKE, US  
[72] CANNON, LEE E., US  
[72] GUINN, ROBERT, US  
[71] ANCHOR GAMING, US  
[85] 2003-03-03  
[86] 2001-09-05 (PCT/US2001/027507)  
[87] 2002-03-14 (WO2002/021468)  
[30] US (09/655,252) 2000-09-05

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[13] A1  
[51] **Int.Cl. 7A61M 16/00**  
[25] EN  
[54] **ADAPTIVE INVERSE CONTROL OF PRESSURE BASED VENTILATION**  
[54] **REGULATION ADAPTATIVE INVERSE DE VENTILATION BASEE SUR LA PRESSION**  
[72] BORRELLO, MICHAEL, US  
[71] MALLINCKRODT, INC., US  
[85] 2003-03-03  
[86] 2001-08-29 (PCT/US2001/026815)  
[87] 2002-03-14 (WO2002/020076)  
[30] US (09/655,969) 2000-09-05

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[13] A1

[51] **Int.Cl. 7G01V 8/00**  
[25] EN  
[54] **SOLAR INFRARED GROUND CLUTTER SUPPRESSOR**  
[54] **SUPPRESSEUR DE PARASITES SOLAIRE INFRAROUGE UTILISE AU SOL**  
[72] MCFEE, JOHN E., CA  
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTER OF NATIONAL DEFENCE OF HER MAJESTY'S CANADIAN GOVERNMENT, CA  
[85] 2003-03-05  
[86] 2001-09-04 (PCT/CA2001/001241)  
[87] 2002-03-21 (WO2002/023227)  
[30] US (09/661,287) 2000-09-13

[21] **2,421,573**  
[13] A1

[51] **Int.Cl. 7H04N 9/31**  
[25] EN  
[54] **LASER PROJECTION SYSTEM**  
[54] **SYSTEME DE PROJECTION LASER**  
[72] PEASE, JEFFREY S., US  
[72] CALLISON, JOHN P., US  
[72] PEASE, RICHARD W., US  
[71] MAGIC LANTERN, LLC, US  
[85] 2003-03-03  
[86] 2001-09-02 (PCT/US2001/027118)  
[87] 2002-03-14 (WO2002/021850)  
[30] US (09/654,246) 2000-09-02

[21] **2,421,575**  
[13] A1

[51] **Int.Cl. 7C07C 255/00 7C07C 65/03 7A61K 38/28**  
[25] EN  
[54] **CYANOPHENOXY CARBOXYLIC ACID COMPOUNDS AND COMPOSITIONS FOR DELIVERING ACTIVE AGENTS**  
[54] **COMPOSES D'ACIDE CYANOPHENOXYCARBOXYLIQUE ET COMPOSITIONS SERVANT A ADMINISTRER DES AGENTS ACTIFS**  
[72] GSCHNEIDNER, DAVID, US  
[72] MOYE-SHERMAN, DESTARDI, US  
[71] EMISPHERE TECHNOLOGIES, INC., US  
[85] 2003-03-05  
[86] 2001-09-05 (PCT/US2001/041984)  
[87] 2002-03-14 (WO2002/020466)  
[30] US (60/230,331) 2000-09-06  
[30] US (60/237,235) 2000-10-02

[21] **2,421,581**  
[13] A1

[51] **Int.Cl. 7C07C 235/84 7C07C 231/02 7C07C 231/12 7A61K 31/185 7C07C 303/22 7C07C 309/28 7G01N 33/50**  
[25] EN  
[54] **BENZENE TRICARBOXYLIC ACID AMIDES AS INSULIN RECEPTOR ACTIVATORS**  
[54] **ACTIVATEURS DES RECEPTEURS DE L'INSULINE A BASE DE DERIVES D'ACIDE TRICARBOXYLIQUE DU BENZENE**  
[72] CAIRNS, NICHOLAS, US  
[72] MANCHEM, PRASAD V. V. S. V., US  
[72] CHOW, STEVEN R., US  
[72] ROBINSON, LOUISE, US  
[71] TELIK, INC., US  
[85] 2003-03-03  
[86] 2001-09-06 (PCT/US2001/028084)  
[87] 2002-03-14 (WO2002/020464)  
[30] US (60/230,738) 2000-09-07

[21] **2,421,583**  
[13] A1

[51] **Int.Cl. 7C07D 413/04 7A61P 31/04 7A61K 31/42**  
[25] EN  
[54] **OXAZOLIDINONES HAVING A BENZANNULATED 6-OR 7-MEMBERED HETEROCYCLE AS ANTIBACTERIAL AGENTS**  
[54] **OXAZOLIDINONES A CYCLE BENZENIQUE COMPORTANT UN HETEROCYCLE A SIX OU SEPT ELEMENTS ACCOLE, UTILISEES COMME AGENTS ANTIBACTERIENS**  
[72] ARISTOFF, PAUL ADRIAN, US  
[72] JOHNSON, PAUL D., US  
[72] THOMASCO, LISA M., US  
[72] POEL, TONI-JO, US  
[71] PHARMACIA & UPJOHN COMPANY, US  
[85] 2003-03-04  
[86] 2001-11-14 (PCT/US2001/042944)  
[87] 2002-08-01 (WO2002/059115)  
[30] US (60/249,550) 2000-11-17

[21] **2,421,589**  
[13] A1

[51] **Int.Cl. 7C08L 67/02 7C08G 63/78**  
[25] EN  
[54] **SPECIES MODIFICATION IN MACROCYCLIC POLYESTER OLIGOMERS, AND COMPOSITIONS PREPARED THEREBY**  
[54] **MODIFICATIONS D'ESPECES DANS DES OLIGOMERES POLYESTERS MACROCYCLIQUES ET COMPOSITIONS PREPAREES DE CETTE FACON**  
[72] PHELPS, PETER D., US  
[71] CYCLICS CORPORATION, US  
[85] 2003-03-03  
[86] 2001-09-07 (PCT/US2001/027648)  
[87] 2002-03-21 (WO2002/022738)  
[30] US (09/659,975) 2000-09-12

[21] **2,421,591**  
[13] A1

[51] **Int.Cl. 7G06F 12/00**  
[25] EN  
[54] **CONSERVATIVE GARBAGE COLLECTORS THAT CAN BE USED WITH GENERAL MEMORY ALLOCATORS**  
[54] **RAMASSE-MIETTES CONSERVATIF POUVANT ETRE UTILISE AVEC DES ALLOCATEURS DE MEMOIRE GENERAUX**  
[72] FITERMAN, CHARLES, US  
[72] SPERTUS, MICHAEL P., US  
[72] RODRIGUEZ-RIVERA, GUSTAVO, US  
[71] GEODESIC SYSTEMS, INCORPORATED, US  
[85] 2003-03-03  
[86] 2001-09-13 (PCT/US2001/028787)  
[87] 2002-03-21 (WO2002/023345)  
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[13] A1  
[51] **Int.Cl. 7A61K 35/78 7A61P 17/14 7A23L 1/30 7A61K 31/353**  
[25] EN  
[54] **WILD APPLE POLYPHENOL AND PROCESS FOR PRODUCING THE SAME**  
[54] **POLYPHENOL DE LA POMME SAUVAGE ET PROCEDE DE PRODUCTION CORRESPONDANT**  
[72] SHOJI, TOSHIHIKO, JP  
[71] THE NIKKA WHISKY DISTILLING CO., LTD., JP  
[85] 2003-03-04  
[86] 2001-09-11 (PCT/JP2001/007889)  
[87] 2003-03-04 (WO2002/022148)  
[30] JP (2000-277228) 2000-09-12

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[13] A1  
[51] **Int.Cl. 7A61K 38/04 7C07K 5/04 7C07K 7/04 7A61K 38/05 7A61K 38/06 7C07K 5/06 7C07K 7/06 7A61K 38/07 7A61K 38/08 7C07K 5/08 7A61K 38/09 7A61K 38/10 7C07K 5/10 7A61K 38/16 7A61K 38/17 7C07K 14/46 7G01N 33/566 7G01N 33/567**  
[25] EN  
[54] **COMPOUNDS AND METHODS FOR INHIBITING ALPHA-1 BETA-1 INTEGRINS**  
[54] **COMPOSES ET PROCEDES POUR L'INHIBITION D'INTEGRINES ALPHA-1 BETA-1**  
[72] MARCINKIEWICZ, CEZARY, US  
[71] TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US  
[85] 2003-03-04  
[86] 2001-09-12 (PCT/US2001/028522)  
[87] 2002-03-21 (WO2002/022571)  
[30] US (60/231,591) 2000-09-11

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[13] A1  
[51] **Int.Cl. 7A61K 31/44 7C07D 401/00 7C07D 487/00 7C07D 471/02 7A61K 31/55**  
[25] EN  
[54] **ALPHA V INTEGRIN RECEPTOR ANTAGONISTS**  
[54] **ANTAGONISTES DU RECEPTEUR DE L'INTEGRINE ALPHA V**  
[72] HUTCHINSON, JOHN H., US  
[72] LI, AIWEN, US  
[71] MERCK & CO., INC., US  
[85] 2003-03-04  
[86] 2001-09-07 (PCT/US2001/028674)  
[87] 2002-03-21 (WO2002/022123)  
[30] US (60/232,222) 2000-09-13

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[13] A1  
[51] **Int.Cl. 7A61F 2/06**  
[25] EN  
[54] **SELECTIVELY ETCHED RADIOPAQUE INTRALUMINAL DEVICE**  
[54] **DISPOSITIF INTRALUMINAL RADIO-OPAQUE GRAVE SELECTIVEMENT**  
[72] LEY, TIMOTHY, US  
[72] OLSON, RICHARD, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2003-03-04  
[86] 2001-09-12 (PCT/US2001/028850)  
[87] 2002-03-21 (WO2002/022050)  
[30] US (09/659,571) 2000-09-12

[21] **2,421,877**  
[13] A1  
[51] **Int.Cl. 7C12N 15/00**  
[25] EN  
[54] **LIGAND/RECEPTOR SPECIFICITY EXCHANGERS THAT REDIRECT ANTIBODIES TO RECEPTORS ON A PATHOGEN**  
[54] **ECHANGEURS A SPECIFICITE DE LIGANDS/RECEPTEURS PERMETTANT LE REACHEMINEMENT D'ANTICORPS VERS DES RECEPTEURS SUR UN AGENT PATHOGENE**  
[72] FLOCK, JAN-INGMAR, SE  
[72] SALLBERG, MATTI, SE  
[71] TRIPEP AB, SE  
[85] 2003-03-11  
[86] 2001-09-19 (PCT/IB2001/002327)  
[87] 2002-03-28 (WO2002/024887)  
[30] US (09/664,025) 2000-09-19

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[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C07K 14/00 7C12P 21/00 7C07H 21/04 7C12N 5/10 7A61K 38/17 7C07K 16/18 7A61K 39/395 7C12N 15/63 7C12Q 1/68**  
[25] EN  
[54] **NOVEL NUCLEIC ACIDS AND POLYPEPTIDES**  
[54] **NOVEAUX ACIDES NUCLEIQUES ET POLYPEPTIDES**  
[72] WEHRMAN, TOM, US  
[72] YANG, YONGHONG, US  
[72] TANG, Y. TOM, US  
[72] LIU, CHENGHUA, US  
[72] XUE, AIDONG J., US  
[72] ZHANG, JIE, US  
[72] ASUNDI, VINOD, US  
[72] ZHOU, PING, US  
[72] REN, FEIYAN, US  
[72] DRMANAC, RADOJE T., US  
[72] ZHAO, QING A., US  
[71] HYSEQ, INC., US  
[85] 2003-03-10  
[86] 2001-09-10 (PCT/US2001/026015)  
[87] 2002-03-21 (WO2002/022660)  
[30] US (09/659,671) 2000-09-11

[21] **2,421,960**  
[13] A1  
[51] **Int.Cl. 7C07K 16/00 7C12N 15/10**  
[25] EN  
[54] **HEAVY CHAIN LIBRARIES**  
[54] **BANQUES DE CHAINES LOURDES**  
[72] HOUTZAGER, ERWIN, NL  
[72] LOGTENBERG, TON, NL  
[71] CRUCCELL HOLLAND B.V., NL  
[85] 2003-03-11  
[86] 2001-09-12 (PCT/NL2001/000670)  
[87] 2002-04-11 (WO2002/028903)  
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[25] EN  
[54] **USE OF REPLICATION-DEFICIENT POXVIRUS VECTOR TO BOOST CD4+ T CELL IMMUNE RESPONSE TO ANTIGEN**  
[54] **METHODE DE VACCINATION**  
[72] REECE, WILLIAM, GB  
[72] SCHNEIDER, JOERG, GB  
[72] GILBERT, SARAH, GB  
[72] HILL, ADRIAN V. S., GB  
[72] MCSHANE, HELEN, GB  
[71] OXXON PHARMACCINES LIMITED, GB  
[85] 2003-03-12  
[86] 2001-09-13 (PCT/GB2001/004116)  
[87] 2002-03-28 (WO2002/024224)  
[30] GB (0023203.3) 2000-09-21

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[13] A1  
[51] **Int.Cl. 7C07H 21/04 7A01K 67/00 7C07K 16/00 7A01K 67/033 7C12N 15/11 7C12N 15/63 7C12N 15/85**  
[25] EN  
[54] **PRODUCTION OF HUMANIZED ANTIBODIES IN TRANSGENIC ANIMALS**  
[54] **PRODUCTION D'ANTICORPS HUMANISES DANS DES ANIMAUX TRANSGENIQUES**  
[72] SCHOOTEN, WIM-VAN, US  
[72] PLATZER, JOSEF, DE  
[72] BUELOW, ROLAND, US  
[72] BUELOW, JENS-ULRICH, DE  
[71] SCHOOTEN, WIM-VAN, US  
[71] PLATZER, JOSEF, DE  
[71] BUELOW, ROLAND, US  
[71] BUELOW, JENS-ULRICH, DE  
[85] 2003-03-07  
[86] 2001-08-03 (PCT/US2001/024348)  
[87] 2002-02-14 (WO2002/012437)  
[30] US (60/222,872) 2000-08-03  
[30] US (60/276,156) 2001-03-15

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[51] **Int.Cl. 7C07K 16/12 7C07K 19/00 7A01K 67/027 7A61P 31/04 7C12N 5/10 7C12N 15/13 7C12N 5/20 7A61K 39/40 7C07K 16/46 7G01N 33/569 7G01N 33/577 7C12N 15/85**  
[25] EN  
[54] **HUMAN ANTIBODIES AGAINST PSEUDOMONAS AERUGINOSA LPS DERIVED FROM TRANSGENIC XENOMOUSE**  
[54] **ANTICORPS HUMAINS DIRIGES CONTRE LE LIPOPOLYSACCHARIDE (LPS) DE SI(PSEUDOMONAS AERUGINOSA) ET DERIVES D'UNE XENOSOURIS TRANSGENIQUE**  
[72] SCHREIBER, JOHN, R., US  
[72] KAMBOJ, KULWANT KAUER, US  
[71] SCHREIBER, JOHN, R., US  
[71] KAMBOJ, KULWANT KAUER, US  
[85] 2003-03-07  
[86] 2001-09-07 (PCT/US2001/028019)  
[87] 2002-03-14 (WO2002/020619)  
[30] US (60/230,640) 2000-09-07  
[30] US (60/259,472) 2001-01-03

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[13] A1  
[51] **Int.Cl. 7C12N 15/00**  
[25] EN  
[54] **B7-LIKE MOLECULES AND USES THEREOF**  
[54] **MOLECULES SEMBLABLES A B7 (B7-LIKE, B7-L) ET UTILISATIONS CORRESPONDANTES**  
[72] SULLIVAN, JOHN K., US  
[72] FOX, GARY MICHAEL, US  
[72] YOSHINAGA, STEVEN KIYOSHI, US  
[72] HOLST, PAIGE, US  
[71] AMGEN INC., US  
[85] 2003-03-12  
[86] 2001-09-19 (PCT/US2001/029183)  
[87] 2002-03-28 (WO2002/024891)  
[30] US (60/233,867) 2000-09-20

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[13] A1  
[51] **Int.Cl. 7C12N 15/00**  
[25] EN  
[54] **MODULATION OF IL-2- AND IL-15-MEDIATED T CELL RESPONSES**  
[54] **MODULATION DE REACTIONS DE CELLULES T INDUITES PAR IL-15 ET IL-2**  
[72] ZHENG, XIN XIAO, US  
[72] STROM, TERRY B., US  
[72] LI, XIAN CHANG, US  
[71] BETH ISRAEL DEACONESS MEDICAL CENTER, INC., US  
[85] 2003-03-13  
[86] 2001-09-14 (PCT/US2001/028612)  
[87] 2002-03-21 (WO2002/022805)  
[30] US (60/232,251) 2000-09-14

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[13] A1  
[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN DIAGNOSIS OF TUMORS**  
[54] **DETECTION DE L'INSTABILITE DES MICROSATELLITES ET UTILISATION DE CELLE-CI DANS LE DIAGNOSTIC DE TUMEURS**  
[72] NASSIF, NADINE, US  
[72] FLANAGAN, LAURA, US  
[72] BACHER, JEFFERY W., US  
[71] PROMEGA CORPORATION, US  
[85] 2003-03-13  
[86] 2001-09-14 (PCT/US2001/028647)  
[87] 2002-03-21 (WO2002/022879)  
[30] US (09/663,020) 2000-09-15

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[13] A1  
[51] **Int.Cl. 7C12N 15/01 7A01H 1/02 7A01K 67/02 7C12Q 1/68**  
[25] EN  
[54] **MODULATION OF MEIOTIC RECOMBINATION**  
[54] **MODULATION DE RECOMBINAISON MEIOTIQUE**  
[72] LYDIATE, DEREK J., CA  
[72] ROZWADOWSKI, KEVIN L., CA  
[71] HER MAJESTY IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF AGRICULTURE AND AGRI-FOOD CANADA, CA  
[85] 2003-03-13  
[86] 2001-09-12 (PCT/CA2001/001306)  
[87] 2002-03-21 (WO2002/022811)  
[30] CA (2,319,247) 2000-09-15  
[30] US (60/249,296) 2000-11-17  
[30] US (60/256,490) 2000-12-20

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[13] A1  
[51] **Int.Cl. 7C12N 15/70 7C12N 15/82 7C12N 15/90**  
[25] EN  
[54] **TARGETED GENETIC MANIPULATION USING MU BACTERIOPHAGE CLEAVED DONOR COMPLEX**  
[54] **MANIPULATION GENETIQUE CIBLEE AU MOYEN D'UN COMPLEXE DE DONNEUR CLIVE DU BACTERIOPHAGE MU**  
[72] SUZUKI, HIDEKI, US  
[72] LYZNIK, LESZEK ALEXANDER, US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[85] 2003-03-13  
[86] 2001-09-14 (PCT/US2001/028611)  
[87] 2002-03-21 (WO2002/022835)  
[30] US (60/233,057) 2000-09-14  
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[54] **GENE HUMAIN DE L'OSTEOPOROSE**  
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[72] STYRKARSDOTTIR, UNNUR, IS  
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[51] **Int.Cl. 7C12Q 1/68**  
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[54] **OLIGONUCLEOTIDE SEQUENCE FORMULA FOR LABELING OLIGONUCLEOTIDE PROBES AND PROTEINS FOR IN SITU ANALYSIS**  
[54] **FORMULE DE SEQUENCE OLIGONUCLEOTIDIQUE POUR LE MARQUAGE DE SONDAS OLIGONUCLEOTIDIQUES ET DE PROTEINES, DESTINE A UNE ANALYSE IN-SITU**  
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[72] UTERMOHLEN, JOSEPH G., US  
[71] VENTANA MEDICAL SYSTEMS, INC., US  
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[54] **TRANSPORTEURS ET CANAUX IONIQUES**  
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[72] XU, YUMING, US  
[72] HAFALIA, APRIL J. A., US  
[72] RAUMANN, BRIGITTE E., US  
[72] BRUNS, CHRISTOPHER M., US  
[72] LEE, SALLY, US  
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[72] BURFORD, NEIL, US  
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[54] **PROTEINE DE CASSETTE DE LIAISON A L'ATP**  
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[54] **POLYNUCLEOTIDE**  
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[72] ANTONIOU, MICHAEL, GB  
[72] WILLIAMS, STEVE GERAINT, GB  
[71] ML LABORATORIES PLC, GB  
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[72] GAO, WEI-QIANG, US  
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[71] GENENTECH, INC., US  
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[13] A1

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[25] EN  
[54] **METHOD FOR USE OF IGF-BINDING PROTEIN FOR SELECTIVE SENSITIZATION OF TARGET CELLS IN VIVO**  
[54] **UTILISATION DE LA PROTEINE DE LIAISON DE L'IGF POUR LA SENSIBILISATION SELECTIVE DE CELLULES CIBLES IN VIVO**  
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[13] A1

[51] **Int.Cl. 7B22D 29/00**  
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[54] **METHOD AND APPARATUS FOR ASSISTING REMOVAL OF SAND MOLDINGS FROM CASTINGS**  
[54] **PROCEDE ET APPAREIL DESTINES A FACILITER LE RETRAIT DE MOULES EN SABLE A PARTIR DE PIECES COULEES**  
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[13] A1

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[13] A1

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[13] A1

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[13] A1

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[25] EN  
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[72] EBNETH, MARCUS, DE  
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[54] **DISPOSITIF D'AMORCAGE D'EXPLOSION**  
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[71] ORICA EXPLOSIVES TECHNOLOGY PTY LTD, AU  
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[13] A1

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[25] EN  
[54] **CONTROL OF NK CELL FUNCTION AND SURVIVAL BY MODULATION OF SHIP ACTIVITY**  
[54] **REGULATION DE LA FONCTION ET DE LA SURVIE DE LA CELLULE NK PAR MODULATION DE L'ACTIVITE SHIP**  
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[71] UNIVERSITY OF SOUTH FLORIDA, US  
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[13] A1

[51] **Int.Cl. 7C07K 14/705**  
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[54] **NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME**  
[54] **NOUVELLES PROTEINES ET ACIDES NUCLEIQUES CODANT POUR CELLES-CI**  
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[72] SHIMKETS, RICHARD A., US  
[72] ALSOBROOK, JOHN P., II, US  
[72] LEACH, MARTIN D., US  
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[54] **NOUVEAUX INHIBITEURS DE LA FORMATION DE FIBRILLES D'IAPP ET UTILISATIONS ASSOCIEES**  
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[25] EN  
[54] **SCREENING SYSTEMS AND METHODS FOR IDENTIFYING MODULATORS OF XENOBIOTIC METABOLISM**  
[54] **SYSTEMES DE CRIBLAGE ET METHODES D'IDENTIFICATION DE MODULATEURS D'UN METABOLISME XENOBIOTIQUE**  
[72] WEI, PING, US  
[72] MOORE, DAVID D., US  
[72] CHUA, STEVEN S., US  
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[85] 2003-03-20  
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[30] US (09/666,250) 2000-09-21

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[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR DETECTING HUMAN IMMUNODEFICIENCY VIRUS 2 (HIV-2)**  
[54] **COMPOSITIONS ET PROCEDES DE DETECTION DU VIRUS DE L'IMMUNODEFICIENCE HUMAINE 2 (VIH-2)**  
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[54] **INHIBITEURS PEPTIDIQUES DE LA PENETRATION DU VIH**  
[72] SUNTOKE, TARA R., US  
[72] ECKERT, DEBRA M., US  
[72] KIM, PETER S., US  
[71] WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, US  
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[25] EN

[54] **INDUCTION OF EXON SKIPPING IN EUKARYOTIC CELLS**

[54] **INDUCTION D'OMISSION D'EXON DANS DES CELLULES EUCARYOTES**

[72] VAN OMMEN, GARRIT-JAN

BOUDEWIJN, NL

[72] VAN DEUTEKOM, JUDITH

CHRISTINA THEODORA, NL

[72] DEN DUNNEN, JOHANNES

THEODORUS, NL

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LEIDEN, NL

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[13] A1

[51] **Int.Cl. 7C12N 15/86 7A61K 38/00 7A61K 48/00 7C12N 15/00 7C07K 14/075 7C12N 15/62**

[25] EN

[54] **ADENOVIRAL VECTORS FOR GENE DELIVERY IN SKELETAL MUSCLE CELLS OR MYOBLASTS**

[54] **VECTEURS ADENOVIRAUX D'APPORT DE GENES DANS DES CELLULES DE MUSCLES**

**SQUELETTIQUES OU MYOBLASTES**

[72] HAVENGA, MENZO JANS EMCO, NL

[72] BOUT, ABRAHAM, NL

[71] CRUCELL HOLLAND B.V., NL

[85] 2003-03-19

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[87] 2002-04-04 (WO2002/027006)

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[30] US (60/235,665) 2000-09-26

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[13] A1

[51] **Int.Cl. 7C12N 15/85**

[25] EN

[54] **EXPRESSION VECTORS CONTAINING HYBRID UBIQUITIN PROMOTERS**

[54] **VECTEURS D'EXPRESSION CONTENANT DES PROMOTEURS D'UBIQUITINE HYBRIDES**

[72] YEW, NELSON, US

[71] GENZYME CORPORATION, US

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[86] 2001-09-13 (PCT/US2001/028870)

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[13] A1

[51] **Int.Cl. 7C12N 9/80 7C12N 5/10 7C07D 501/22 7C12N 15/31**

[25] EN

[54] **GLUTARYL CEPHALOSPORIN AMIDASE FROM PSEUDOMONAS DIMINUTA BS-203**

[54] **GLUTARYL CEPHALOSPORINE**

**AMIDASE PROVENANT DU**

**PSEUDOMONAS DIMINUTA BS-203**

[72] BURNETT, WILLIAM V., JR., US

[72] FRANCESCHINI, THOMAS J., US

[72] BINDER, ROSS, US

[72] BROWN, JOANNE L., US

[72] TONZI, SEAN M., US

[72] LIU, SUO WIN, US

[72] POLITINO, MICHAEL, US

[71] BRISTOL-MYERS SQUIBB

COMPANY, US

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[87] 2002-03-28 (WO2002/024879)

[30] US (60/234,532) 2000-09-22

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[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7A61K 38/17 7C07K 16/18 7C12N 5/20 7G01N 33/53 7G01N 33/68 7C12Q 1/68 7C07K 14/715**

[25] EN

[54] **ISOLATED NUCLEIC ACID MOLECULES WHICH ENCODE A**

**SOLUBLE IL-TIF/IL-22 RECEPTOR OR BINDING PROTEIN WHICH BINDS TO**

**IL-TIF/IL-22, AND USES THEREOF**

[54] **MOLECULES ISOLEES D'ACIDES NUCLEIQUES CODANT UN**

**RECEPTEUR D'IL-TIF/IL-22 SOLUBLE OU PROTEINE DE LIAISON SE LIANT**

**A L'IL-TIF/IL-22, ET LEURS**

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[72] DUMOUTIER, LAURE, BE

[72] RENAULD, JEAN-CHRISTOPHE, BE

[71] LUDWIG INSTITUTE FOR CANCER

RESEARCH, US

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[13] A1

[51] **Int.Cl. 7A61B 8/06**

[25] EN

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[54] **SYSTEMES ET PROCEDES POUR EVALUER L'ETAT DE SANTE**

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[72] FITALL, SIMON, GB

[72] MOZAYENI, ROBERT, US

[72] CRUTCHFIELD, KEVIN, US

[72] DAVIDSON, JOHN, US

[71] NEW HEALTH SCIENCES, INC., US

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[87] 2002-04-04 (WO2002/026117)

[30] US (60/236,661) 2000-09-29

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[30] US (60/236,663) 2000-09-29

[30] US (60/236,875) 2000-09-29

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[13] A1

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[25] EN  
[54] **METHOD FOR SYNTHESISING PEPTIDES, PEPTIDE MIMETICS AND PROTEINS**  
[54] **PROCEDE DE SYNTHESE DE PEPTIDES, PEPTIDES MIMETIQUES ET PROTEINES**  
[72] BORDUSA, FRANK, DE  
[72] JAKUBKE, HANS-DIETER, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
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[51] **Int.Cl. 7B01F 3/02**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR SUPPLYING A GASEOUS MIXTURE**  
[54] **PROCESSUS ET APPAREIL PERMETTANT DE FOURNIR UN MELANGE GAZEUX**  
[72] SHORE, WILLIAM PATRICK, AU  
[72] RYAN, ROBERT FRANCIS, AU  
[71] CYTEC TECHNOLOGY CORP., US  
[85] 2002-05-17  
[86] 2000-11-17 (PCT/AU2000/001403)  
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[30] AU (PQ4163) 1999-11-19

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[51] **Int.Cl. 7A61K 39/02 7C12N 1/21 7C12N 15/63 7C12N 15/68**  
[25] EN  
[54] **STABILISATION OF PLASMID INHERITANCE IN BACTERIA BY PREVENTING MULTIMERISATION**  
[54] **STABILISATION DE L'HEREDITE PASMIDIQUE CHEZ DES BACTERIES**  
[72] STEPHENS, JONATHAN CLIVE, GB  
[72] TURNER, ARTHUR KEITH, GB  
[71] ACAMBIS RESEARCH LIMITED, GB  
[85] 2003-03-24  
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[51] **Int.Cl. 7H04M 17/00**  
[25] EN  
[54] **NETWORK ACCESS PAY TELEPHONE, CONVERSION, AND METHOD**  
[54] **TELEPHONE PUBLIC A ACCES AU RESEAU, CONVERSION ET PROCEDE ASSOCIE**  
[72] KU, LI TA, US  
[71] KU, LI TA, US  
[85] 2003-03-20  
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[21] **2,423,446**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07H 21/00 7A01K 67/00 7C12P 21/00 7A61K 38/17 7C07K 16/18 7C07K 14/435 7C12Q 1/68**  
[25] EN  
[54] **ISOLATED HUMAN TRANSPORTER PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS, AND USES THEREOF**  
[54] **PROTEINES TRANSPORTEUSES HUMAINES ISOLEES, MOLECULES D'ACIDES NUCLEIQUES CODANT DES PROTEINES TRANSPORTEUSES HUMAINES, ET UTILISATION CORRESPONDANTE**  
[72] DI FRANCESCO, VALENTINA, US  
[72] WEI, MING-HUI, US  
[72] GUEGLER, KARL, US  
[72] WEBSTER, MARION, US  
[72] BEASLEY, ELLEN M., US  
[72] YAN, CHUNHUA, US  
[72] KETCHUM, KAREN A., US  
[71] PE CORPORATION (NY), US  
[85] 2003-03-24  
[86] 2001-09-26 (PCT/US2001/029997)  
[87] 2002-04-04 (WO2002/026805)  
[30] US (60/234,954) 2000-09-26  
[30] US (09/749,589) 2000-12-28

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[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 15/29**  
[25] EN  
[54] **NUCLEOTIDE SEQUENCES MEDIATING MALE FERTILITY AND METHOD OF USING SAME**  
[54] **SEQUENCES NUCLEOTIDIQUES MEDIATRICES DE LA FERTILITE MALE ET PROCEDE D'UTILISATION ASSOCIE**  
[72] FOX, TIMOTHY, US  
[72] TRIMNELL, MARY, US  
[72] ALBERTSEN, MARC C., US  
[72] HUFFMAN, GARY, US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[85] 2003-03-24  
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[51] **Int.Cl. 7C12N 15/47 7C12N 5/08 7C07K 14/47**  
[25] EN  
[54] **ISOLATED PEPTIDES WHICH BIND TO HLA-C MOLECULES AND USES THEREOF**  
[54] **PEPTIDES ISOLEES SE LIANT A DES MOLECULES HLA-C ET UTILISATIONS DE CEUX-CI**  
[72] CHEN, YAO-TSENG, US  
[72] NAGATA, YASUHIRO, US  
[72] KNUTH, ALEXANDER, DE  
[72] OLD, LLOYD J., US  
[72] GNJATIC, SACHA, US  
[72] JAGER, ELKE, DE  
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH, US  
[85] 2003-03-24  
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[25] EN  
[54] **MODULATION OF IMMUNOSTIMULATORY ACTIVITY OF IMMUNOSTIMULATORY OLIGONUCLEOTIDE ANALOGS BY POSITIONAL CHEMICAL CHANGES**  
[54] **MODULATION DE L'ACTIVITE IMMUNOSTIMULATRICE D'ANALOGUES OLIGONUCLEOTIDIQUES IMMUNOSTIMULATEURS PAR DES MODIFICATIONS CHIMIQUES DE POSITION**  
[72] YU, DONG, US  
[72] AGRAWAL, SUDHIR, US  
[72] ZHAO, QUIYAN, US  
[72] KANDIMALLA, EKAMBAR R., US  
[71] HYBRIDON, INC., US  
[85] 2003-03-24  
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[87] 2002-04-04 (WO2002/026757)  
[30] US (60/235,452) 2000-09-26  
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[13] A1  
[51] **Int.Cl. 7F02D 9/18**  
[25] EN  
[54] **DIAPHRAGMED AIR VALVE SYSTEM**  
[54] **SYSTEME DE SOUPEPE D'AIR A DIAPHRAGME**  
[72] WIJAYA, HERU PRASANTA, ID  
[71] WIJAYA, HERU PRASANTA, ID  
[85] 2002-11-26  
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[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 9/20 7C07K 14/415 7C12N 15/55 7C12Q 1/68**  
[25] EN  
[54] **TRIACYLGLYCEROL LIPASES FROM ARABIDOPSIS THALIANA**  
[54] **TRIACYLGLYCEROL LIPASES**  
[72] FRITSCH, KATHRIN, NL  
[72] KORNER, MARTINA, DE  
[72] BERNDT, EKKEHART, DE  
[72] FEUSSNER, IVO, DE  
[71] IPK-INSTITUT FUR PFLANZENGENETIK UND KULTURPFLANZEN FORSCHUNG, DE  
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[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C07K 16/22 7C07K 14/475**  
[25] EN  
[54] **A NEW SLIT-LIKE PROTEIN OBTAINED FROM A CDNA LIBRARY FROM HS-5 STROMAL CELL LINE**  
[54] **NOUVELLE PROTEINE DU TYPE SLIT OBTENUE D'UNE BANQUE D'ADN-C A PARTIR D'UNE LIGNE DE CELLULES STROMALES HS-5**  
[72] DOSHI, PORUL D., US  
[72] MEIER, MARTIN F., US  
[72] WOODS, CYNTHIA L., US  
[71] PHARMACIA CORPORATION, US  
[85] 2003-02-05  
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[25] EN  
[54] **22 HUMAN SECRETED PROTEINS**  
[54] **PROTEINES SECRETEES HUMAINES 22**  
[72] NI, JIAN, US  
[72] FISCELLA, MICHELE, US  
[72] WEI, PING, US  
[72] BAKER, KEVIN P., US  
[72] BIRSE, CHARLES E., US  
[72] ROSEN, CRAIG A., US  
[72] KOMATSOULIS, GEORGE A., US  
[72] OLSEN, HENRIK S., US  
[72] SOPPET, DANIEL R., US  
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[72] SHI, YANGGU, US  
[72] MOORE, PAUL A., US  
[72] DUAN, D. ROXANNE, US  
[72] EBNER, REINHARD, US  
[71] HUMAN GENOME SCIENCES, US  
[85] 2003-03-04  
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[51] **Int.Cl. 7C07H 15/203 7A61P 43/00 7A61P 3/04 7A61P 3/10 7A61K 31/7034**  
[25] EN  
[54] **GLUCOPYRANOSYLOXYBENZYL BENZENE DERIVATIVES AND MEDICINAL COMPOSITIONS CONTAINING THE SAME**  
[54] **DERIVES DE GLUCOPYRANOSILOXYBENZYL BENZENE ET COMPOSITIONS THERAPEUTIQUES CONTENANT CES COMPOSES**  
[72] FUSHIMI, NOBUHIKO, JP  
[72] NISHIMURA, TOSHIHIRO, JP  
[72] TATANI, KAZUYA, JP  
[72] ISAJI, MASAYUKI, JP  
[72] FUJIKURA, HIDEKI, JP  
[71] KISSKI PHARMACEUTICAL CO., LTD., JP  
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[25] EN  
[54] **ASSAYS**  
[54] **DOSAGES BIOLOGIQUES**  
[72] GRAZZINI, ERIC, CA  
[72] GROBLEWSKI, THIERRY, CA  
[72] LEMBO, PAOLO, CA  
[72] AHMAD, SULTAN, CA  
[72] SCHMIDT, RALF, CA  
[71] ASTRAZENECA AB, SE  
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**7A61K 48/00 7C12N 15/11 7C12N 15/12**  
**7C07K 16/18 7A61K 39/395 7C07K 14/47**  
**7G01N 33/50 7G01N 33/53 7C12Q 1/68**  
[25] EN  
[54] **IMMUNOMODULATORY**  
**PROTEIN DERIVED FROM THE YABA**  
**MONKEY TUMOR VIRUS**  
[54] **DROSOPHILA MELANOGASTER**  
**TRANSGENIQUE EXPRIMANT LA**  
**PROTEINE BETA-AMYOLOIDE**  
[72] FREULER, FELIX, CH  
[72] KONSOLAKI, MARY, US  
[72] ZUSMAN, SUSAN, US  
[72] REINHARDT, MISCHA WERNER  
HENRI MARIE, DE  
[72] COHEN, DALIA, US  
[72] DENGLER, UWE JOCHEN, DE  
[72] FINELLI, ALYCE LYNN, US  
[71] NOVARTIS AG, CH  
[85] 2003-03-25  
[86] 2001-10-01 (PCT/EP2001/011345)  
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[30] US (60/236,893) 2000-09-29  
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[25] EN  
[54] **CHEMOKINE MUTANTS IN THE**  
**TREATMENT OF MULTIPLE**  
**SCLEROSIS**  
[54] **MUTANTS DE CHIMIOKINES**  
**INTERVENANT DANS LE**  
**TRAITEMENT DE LA SCLEROSE EN**  
**PLAQUES**  
[72] PROUDFOOT, AMANDA, FR  
[72] KOSCO-VILBOIS, MARIE, FR  
[72] WELLS, TIMOTHY N.C., FR  
[71] APPLIED RESEARCH SYSTEMS ARS  
HOLDING N.V., AN  
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[51] **Int.Cl. 7C12N 15/11 7A01K 67/027**  
**7C07K 16/40 7C12N 9/64 7G01N 33/68**  
**7C12Q 1/68**  
[25] EN  
[54] **ISOLATED HUMAN PROTEASE**  
**PROTEINS, NUCLEIC ACID**  
**MOLECULES ENCODING HUMAN**  
**PROTEASE PROTEINS, AND USES**  
**THEREOF**  
[54] **PROTEINES PROTEASES**  
**HUMAINES ISOLEES, MOLECULES**  
**D'ACIDE NUCLEIQUE CODANT CES**  
**PROTEINES, ET UTILISATION DE CES**  
**PROTEINES**  
[72] BEASLEY, ELLEN M., US  
[72] DI FRANCESCO, VALENTINA, US  
[72] KETCHUM, KAREN A., US  
[72] WEBSTER, MARION, US  
[71] PE CORPORATION (NY), US  
[85] 2003-03-25  
[86] 2001-09-26 (PCT/US2001/029960)  
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[30] US (60/235,557) 2000-09-27  
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[25] EN  
[54] CATHETER HAVING  
COEXTRUDED TUBING  
[54] CATHETER MUNI D'UNE  
TUBULURE COEXTRUDEE  
[72] FONTIRROCHE, CARLOS A., US  
[72] QUERNS, STEPHEN J., US  
[71] CORDIS CORPORATION, US  
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[62] 2,140,506  
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[51] Int.Cl. 7A23L 1/18 7A21C 11/16  
[25] EN  
[54] APPARATUS AND METHODS FOR  
MAKING MULTIPLE, COMPLEXLY  
PATTERNED EXTRUDATES  
[54] APPAREIL ET PROCEDE  
PERMETTANT D'OBTENIR DES  
PRODUITS D'EXTRUSION  
MULTIPLS A MOTIFS COMPLEXES  
[72] HUBERG, PETER A., US  
[72] TOLSON, SCOTT A., US  
[72] WEINSTEIN, JAMES N., US  
[71] GENERAL MILLS, INC., US  
[22] 1995-05-10  
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[13] A1  
[51] Int.Cl. 7C12N 15/12 7C07H 21/00  
7C12P 21/00 7C12N 15/10 7C07K 16/18  
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7C12Q 1/68  
[25] EN  
[54] NOVEL POLYPEPTIDES AND  
NUCLEIC ACIDS ENCODING THE  
SAME  
[54] NOUVEAUX POLYPEPTIDES ET  
ACIDES NUCLEIQUES LES CODANT  
[72] WOOD, WILLIAM I., US  
[72] CHEN, JIAN, US  
[72] YUAN, JEAN, US  
[72] BAKER, KEVIN P., US  
[72] GODDARD, AUDREY, US  
[72] GURNEY, AUSTIN L., US  
[71] GENENTECH, INC., US  
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[62] 2,321,677  
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[13] A1  
[51] Int.Cl. 7A61G 5/08  
[25] EN  
[54] LIGHTWEIGHT MOTORIZED  
WHEELCHAIR  
[54] FAUTEUIL ROULANT MOTORISE  
LEGER  
[72] CHOI, OONG, US  
[72] INGLE, FRED E., US  
[71] WHEELCHAIR CARRIER, INC., US  
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[62] 2,270,184  
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[51] Int.Cl. 7G01M 17/02 7B60C 23/00  
[25] EN  
[54] METHOD OF MONITORING  
CONDITIONS OF VEHICLE TIRES AND  
TIRES CONTAINING A MONITORING  
DEVICE THEREIN  
[54] PROCEDE DE CONTROLE DE  
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COMPRENANT CE DISPOSITIF  
[72] OKAMOTA, KEIZO, US  
[72] TAKIGAWA, HIROYOSHI, US  
[72] KOCH, RUSSELL W., US  
[72] TURNER, JOHN L., US  
[72] WALENGA, GUY J., US  
[71] BRIDGESTONE/FIRESTONE, INC.,  
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[51] Int.Cl. 7B32B 5/32 7B32B 3/02 7B32B  
7/12 7A47C 27/14 7B32B 27/40  
[25] EN  
[54] COMPOSITE MATTRESS TOPPER  
[54] REVETEMENT DE MATELAS  
COMPOSITE  
[72] MAY, JONATHAN J., US  
[71] LIS CORPORATION, US  
[22] 1996-08-15  
[43] 1997-09-12  
[62] 2,183,391  
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7H04M 11/06**  
[25] EN  
[54] **INTERACTIVE SUBSCRIBER  
TELEPHONE TERMINAL WITH  
AUTOMATIC MANAGEMENT  
SOFTWARE DOWNLOAD FEATURE**  
[54] **POSTE TELEPHONIQUE  
INTERACTIF D'ABONNE  
PERMETTANT LE  
TELECHARGEMENT AUTOMATIQUE  
D'UN LOGICIEL DE GESTION**  
[72] GORDON, IAN R., CA  
[71] NORTEL NETWORKS LIMITED, CA  
[22] 1997-10-29  
[43] 1998-05-06  
[62] 2,219,602  
[30] US (08/743,897) 1996-11-06

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3/02**  
[25] EN  
[54] **SHAPED WOVEN TUBULAR SOFT-  
TISSUE PROSTHESES AND METHODS  
OF MANUFACTURING**  
[54] **PROTHESES TUBULAIRES  
TISSEES ET FORMEES POUR TISSUS  
MOUS, ET PROCEDES DE  
FABRICATION**  
[72] SCHMITT, PETER J., US  
[72] NUNEZ, JOSE F., US  
[71] MEADOX MEDICALS, INC., US  
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[43] 1997-11-27  
[62] 2,256,324  
[30] US (08/653,028) 1996-05-24

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[51] **Int.Cl. 7H04L 9/28 7G06F 12/14  
7H04L 12/22**  
[25] EN  
[54] **MULTI-LEVEL SECURITY  
NETWORK SYSTEM**  
[54] **SYSTEME DE SECURITE  
MULTINIVEAU DANS UN RESEAU**  
[72] WILLIAMS, TIMOTHY C., US  
[71] CRYPTTEK, INC., US  
[22] 1999-07-21  
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[62] 2,339,637  
[30] US (09/129,879) 1998-08-06

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7B65D 75/36**  
[25] EN  
[54] **CHILD-PROOF PACKAGE FOR  
PHARMACEUTICAL PRODUCTS**  
[54] **EMBALLAGE SECURITE-  
ENFANTS POUR PRODUITS  
PHARMACEUTIQUES**  
[72] FILION, DANIEL, CA  
[72] PRUD'HOMME, JEAN ANDRE, CA  
[71] ALCAN INTERNATIONAL LIMITED,  
CA  
[22] 2002-03-04  
[43] 2002-10-18  
[62] 2,374,449  
[30] CH (0702/01) 2001-04-18  
[30] US (09/986,525) 2001-11-09

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[13] A1

[51] **Int.Cl. 7A61M 1/28**  
[25] EN  
[54] **DIALYSATE COLLECTION BAG  
AND METHOD OF STERILIZING  
FLUID COLLECTED THEREIN**  
[54] **SAC COLLECTEUR DE DIALYSAT,  
ET METHODE DE STERILISATION DU  
FLUIDE QUI Y EST RECUEILLI**  
[72] FOLDEN, THOMAS I., US  
[71] FRESSENIUS USA, INC., US  
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AEROSPACE LIGHTING CORPORATION AIRNET COMMUNICATIONS CORP.	2,321,023 2,191,721	BILLINGSLEY, BRITTON G. BIOMERIEUX B.V. BJ SERVICES COMPANY CANADA	2,188,141 2,101,166 2,257,697	CENTRAL RESEARCH LABORATORIES LIMITED	2,146,149 2,248,314
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AMERSHAM HEALTH AS (A CORPORATION OF NORWAY) AMGEN INC. AMKRAUT, ALFRED ANDERSEN, HANS VILLEMOES ANDO, NOBUHIKO ANDRITZ OY ANGIODYNAMICS, INC. ANNO, HIDERO AOYAMA, SOICHI APPLING, WILLIAM M. AREND, MATTHEW R. ARMISTEAD, DAVID M. ARTHUR ALLEN MANUFACTURING CO. ASHLEY, TIMOTHY ASTIER, JEAN-PIERRE ATKINS, DAVID SEAGRAVE AUDET, GERALD P. AUTODESK CANADA INC. AVENTIS PHARMACEUTICALS INC.	2,273,140 2,215,534 2,046,014 2,212,358 2,110,753 2,224,685 2,051,450 2,160,422 2,285,246 2,051,450 2,131,057 2,144,962 2,261,381 2,231,156 2,071,350 2,119,173 2,266,158 2,202,725 2,223,016	BRITISH TELECOMMUNICATION S PUBLIC LIMITED COMPANY BROWN, MATTHEW F. BRUNST, ROBERT H. BRYAN, BARBARA A. BRYNJESTAD, ULF BUCKLER, CRAIG L. BUDD, KENTON D. BULL HN INFORMATION SYSTEMS INC. BURDICK, WALDO E., JR. BUTLER, WILLIAM F. CANGENE CORPORATION CANNON, JOSEPH M. CANON KABUSHIKI KAISHA CAPEK, RAYMOND G. CARNEY, RONALD R. CARTER, ALAN J.A. CATSCLAW LIMITED CECA S.A.	2,246,494 2,234,239 2,076,919 2,290,004 2,303,916 2,243,307 2,035,294 2,211,083 2,076,908 2,199,515 2,208,013 2,296,987 2,297,602 2,108,377 2,191,721 2,231,976 2,116,869 2,243,437	CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED CINCINNATI SUB-ZERO PRODUCTS, INC. CIUFFETELLI, MARK CLARKE, JOHN T. CLARKSON, MICHAEL CLEANTEC CO., LTD. COCA-COLA COMPANY (THE) COELINGH, KATHLEEN L. COLGATE-PALMOLIVE COMPANY COLLINS, DAVID S. COOSEMANS, STEVEN JOZEF LOUIS CORBA, ROBERT E. CORCOLES, VINCENT CORDS, BRUCE R. CORMIER, MICHEL J-N COSTANTINO, PAOLO COTTING, JACQUES-ALAIN COUTROT, FRANCOISE CRAPSER, JAMES R. CREDLE, WILLIAM S., JR. CROOKS, STEPHEN L.	2,018,110 2,062,223 2,134,815 2,097,275 2,203,640 2,164,256 2,135,754 2,223,579 2,059,038 2,215,534 2,258,666 2,305,281 2,058,322 2,254,980 2,046,014 2,131,551 2,063,971 2,076,439 2,305,281 2,135,754 2,289,219
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LIMITED	2,282,313	RESEARCH CORPORATION		SIEGELMAN, ROBERT	2,277,558
NOVATELLIGENCE, INC.	2,303,916	TECHNOLOGIES, INC.	2,110,693	SIEMENS	
OERLIKON CONTRAVES AG	2,190,385	RHEE, TAE-HYUNG	2,245,974	AKTIENGESELLSCHAFT	2,169,041
OGAWA, HIDEHIKO	2,263,247	RIDDER, CARSTEN	2,212,358	SIMAN, JAIME	2,278,561
OKANARI, EIJI	2,156,177	RIPPSTEIN, MICHEL	2,197,481	SIREVAG, GUNNAR	2,097,198
OKULOV, PAUL	2,358,526	ROANE, JAMES B.	2,080,704	SISSON, ROBERT W.	2,256,183
OLSEN, DON B.	2,290,020	ROCHER, JEAN-PHILIPPE	2,071,350	SLEEVE INTERNATIONAL	
OLSON, OGDEN R.	2,312,598	ROCKWOOD, WILLIAM B.	2,287,330	COMPANY	2,268,349
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ONO, ICHIRO	2,118,738		2,038,502	SMIT, THEODORUS J.	2,092,859
ONO, KATSUHIRO	2,160,422	ROSE, PETER ROBERT	2,281,244	SOCIETE DES PRODUITS	
ONO, TOMOAKI	2,250,899	ROSTHAL, RICHARD A.	2,273,554	NESTLE S.A.	2,197,481
ONUMA, ASAHIRO	2,267,575	ROTZSCHKE, OLAF	2,262,001	SOCIETE NATIONALE	
OSADA, YOSHIYUKI	2,297,602	ROY, JEAN-GUY	2,313,624	D'ETUDE ET DE	
OSAKA SEALING PRINTING		RUSSELL-JONES, GREGORY		CONSTRUCTION DE	
CO., LTD.	2,158,075	JOHN	2,084,194	MOTEURS D'AVIATION	
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PAPPALARDO, ROMANO G.	2,105,023	RYAN, FREDERICK W., JR.	2,256,183	SOCIETE NATIONALE	
PARADIS, JEAN-PIERRE	2,358,526	S. C. JOHNSON		D'ETUDE ET DE	
PARDEE, BENNETT	2,271,063	COMMERCIAL		CONSTRUCTION DE	
PARK, JAE-SUN	2,264,446	MARKETS, INC.	2,233,621	MOTEURS D'AVIATION	
PARKIN, NEIL T.	2,223,579	S. C. JOHNSON & SON, INC.	2,250,879	"SNECMA"	2,187,486
PARRELLA, MICHAEL J.	2,266,362	S. C. JOHNSON & SON, INC.	2,305,281	SOLANKI, SANJAY	
PATTERSON, JUDSON J.	2,243,307	SAINT-GOBAIN ABRASIVES,		AMRATLAL	2,261,722
PATTERSON, THOMAS G.	2,076,250	INC.	2,023,282	SOLLADIE, GUY	2,070,524
PAWELKO, TOLEK	2,321,023	SAITO, TSUTOMU	2,259,827	SONY CORPORATION	2,110,753
PE CORPORATION (NY)	2,197,302	SAKUMA, MITHURU	2,259,827	SOUTHWEST MICROWAVE,	
PELTONEN, KARI	2,224,685	SAMSUNG ELECTRONICS		INC.	2,177,691
PERRICAUDET, MICHEL	2,102,302	CO., LTD.	2,235,241	SPACESAVER	
PERSONS, PAUL E.	2,223,016	SAMSUNG ELECTRONICS		CORPORATION	2,107,143
PFIZER INC.	2,234,239	CO., LTD.	2,245,974	SPADA, ALFRED P.	2,223,016
PFIZER PRODUCTS INC.,	2,281,244	SAMSUNG ELECTRONICS		SPANGELO, ASE	2,276,261
PHILLIPS, EDWARD L.	2,076,919	CO., LTD.	2,264,446	SPENCER, LEE	2,100,675
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LM ERICSSON	2,092,835	VANOLI, JOEL MARC	2,187,486	MOU	2,250,788
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UNITED KINGDOM OF		WATSON, DARRELL	2,110,693		
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AGILENT TECHNOLOGIES, INC.	2,388,901	BERNEIS, PAUL ALLEN	2,410,175	CHEEK, JERRY	2,409,938
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DOUGLAS, BRUCE F.	2,409,902	FUNAYOSE, YUSUKE	2,410,128	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,409,571
DOW, WAYNE B.	2,409,293	FUSE, TOMOHIRO	2,410,070	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,409,572
DOW, WAYNE B.	2,410,016	GAGNAIRE, BENOIT	2,398,653	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,409,574
DREWITT, MARK J.	2,360,611	GAGNON, RICHARD	2,362,611	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,410,029
EAGLE'S FLIGHT, CREATIVE TRAINING EXCELLENCE INC.	2,360,876	GARRO, JUAN MIGUEL	2,360,986	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,410,070
EATON CORPORATION	2,409,477	GATES, CLIFF	2,360,610	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,410,078
EATON CORPORATION	2,409,519	GAWLITTA, WERNER	2,410,222	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,410,109
EATON, ANDREW	2,411,021	GEARY, JOHN R.	2,409,902	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,410,127
EDGER, RONALD FREDRICK	2,360,634	GENLYTE THOMAS GROUP LLC	2,377,642	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,410,128
EDMUNDS, DAVID WALTER	2,361,242	GENLYTE THOMAS GROUP LLC	2,378,287	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,410,131
EFTYMIADES, GEORGES	2,409,560	GERSTENKORN, BERNHARD	2,410,059	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,410,133
EHIKIOYA, SYLVANUS		GERVAIS, PASCAL GERARD	2,409,579	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,410,207
AGBONIFOH	2,410,172	GHARST, THOMAS	2,409,938		
EIDE, CURTIS SHANNON	2,406,821	GILE, TIMOTHY J.	2,371,450		
EISENBERG, JOSE	2,364,145	GIORDANI, DANIELE	2,410,174		
ELLIS, WALTHER R., JR.	2,402,588	GIROUX, RAYMOND	2,361,751		
ELSEY, NICHOLAS J.	2,409,288	GLOBAL THERMOELECTRIC INC.	2,360,652		
ELRING, ROBERT J.	2,409,804	GO, CARLOS	2,405,583		
EL-ZEIN, MOHAMAD S.	2,410,173	GO, CARLOS	2,407,160		
ENGSTROM, KEITH	2,411,237	GOUDREAU, JEAN	2,417,611		
ENGSTROM, KEITH	2,411,242	GREGORI, KARL HERMANN WERNER	2,360,728		
ENTWISTLE, ANDREW	2,411,021	GREGORI, KARL HERMANN WERNER	2,360,739		
ETHICON INC.	2,411,232	GUDMUNSON, DANIEL	2,360,712		
ETHICON INC.	2,411,237	GUND, SONJA S.	2,360,636		
ETHICON INC.	2,411,242	GUPTA, D. V.			
EVANS, ROBERT F.	2,406,507	SATYANARAYANA	2,360,626		
F. HOFFMANN-LA ROCHE AG	2,411,019	HALLIBURTON ENERGY SERVICES, INC.	2,409,884		
FAKESPACE SYSTEMS, INC.	2,360,610	HALLSTROM, ANDERS	2,409,618		
FAN, ZHIGANG	2,409,444	HAMAMATSU PHOTONICS K.K.	2,410,231		
FATYOL, PATRICK	2,401,166	HAMAOKA, SEIJI	2,410,239		
FCI AMERICAS TECHNOLOGY, INC.	2,406,507	HAMILTON, DAVID L.	2,405,213		
FENSTERFABRIK ALBISRIEDEN AG	2,410,402				

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KABUSHIKI KAISHA	2,410,239	GELANDEFahrZEUG		LABBE, MARK S.	2,410,151
HORI, YOSHIAKI	2,409,572	AG	2,409,894	LAI, BENNY W. H.	2,388,901
HORI, YOSHIAKI	2,409,574	KAI GEE ENTERPRISE CO.,		LAKNER, MARTIN	2,409,073
HORI, YOSHIAKI	2,410,131	LTD.	2,360,460	LAMBORN, H. TAYLOR	2,363,937
HORI, YOSHIAKI	2,410,239	KAMO, TOMOICHI	2,370,993	LANGE, MICHAEL R.	2,407,343
HUANG, HUALE	2,409,327	KANAMARU, SHINICHI	2,410,139	LATTNER, STEFANIE	2,410,248
HUANG, JUI-SHU	2,360,818	KANEKO, TSUTOMU	2,410,330	LAW, CHI C.	2,409,533
HUI, HENRY K.	2,411,237	KANKE, HIROO	2,405,212	LAWRENCE, CHRISTOPHER	
HUI, HENRY K.	2,411,242	KANNO, KENICHI	2,377,049	C.	2,411,019
HUNDEBY, DAVE	2,360,474	KANTO KAGAKU		LAZORTHEs, BENJAMIN	2,409,560
HUNDEBY, DAVE	2,360,631	KABUSHIKI KAISHA	2,409,906	LE, MINH H.	2,361,732
HUNDEBY, DAVE	2,360,703	KANZLER, HELMUT	2,409,892	LE, PATRICK	2,410,913
HYCOM INSTRUMENTS		KANZLER, HELMUT	2,409,894	LE, TUAN NGUYEN	2,387,640
CORP.	2,360,990	KAUSCHKE, MARION	2,410,068	LEBAN, MARZIO	2,409,454
IBM CANADA LIMITED-IBM		KEEMER, CRAIG B.	2,363,937	LEDUC, BLAIR DANIEL	2,410,693
CANADA LIMITEE	2,360,645	KENDRO LABORATORY		LEE, KEITH CHEUKLAP	2,360,408
IBM CANADA LIMITED-IBM		PRODUCTS GMBH	2,410,068	LEMIEUX, ALAIN	2,360,986
CANADA LIMITEE	2,360,650	KENMOCHI, TAMOYA	2,408,101	LEMIEUX, RENE	2,409,811
IBM CANADA LIMITED-IBM		KENNEDY, JOHN M.	2,410,720	LEMIEUX, RENE	2,409,812
CANADA LIMITEE	2,360,959	KENNEDY, WILLIAM R.	2,410,720	LEMUS, ANTHONY	2,411,232
IGARASHI, HIROSHI	2,410,139	KHOURY, ELIE	2,407,719	LEMUS, ANTHONY	2,411,237
IIMURA, TETSUYA	2,408,101	KIM, BYUNG-JUN	2,407,816	LEMUS, ANTHONY	2,411,242
IKARIYA, TAKAO	2,409,906	KIM, HUN-KEE	2,410,107	L'ESPERANCE, PAUL-ANDRE	
ILLINOIS TOOL WORKS INC.	2,399,771	KIM, HUN-KEE	2,410,803		2,360,910
ILLINOIS TOOL WORKS INC.	2,405,213	KIM, JIN PIL	2,410,801	LETTS, JOHN B.	2,409,902
ILLINOIS TOOL WORKS INC.	2,409,332	KIM, JOON-SOO	2,409,917	LEVASSEUR, LAURENT	2,410,913
IMAHASHI, JINICHI	2,370,993	KIM, NOH-SUN	2,410,107	LG ELECTRONICS INC.	2,410,801
I-MECH ENGINEERING INC.	2,360,468	KIMBERLY-CLARK		LI, YONGMEI	2,361,015
INDUSTRIAL METAL		WORLDWIDE, INC.	2,381,648	LIANG, DAH-BEN	2,410,122
FABRICATIONS		KING, DAVID L.	2,363,989	LIN, SZU-MIN	2,411,237
(CHATHAM) INC.	2,360,510	KIUCHI, TAKAHIRO	2,409,810	LIN, SZU-MIN	2,411,242
INSTITUT FRANCAIS DU		KLASCO, MICHAEL	2,405,583	LINK, FREDERICK	2,401,714
PETROLE	2,409,534	KLASCO, MICHAEL	2,407,160	LITTKE, JERRY DEAN	2,405,204
INTERNATIONAL BUSINESS		KLASSEN, GLEN A.	2,360,710	LIU, KER-CHUAN	2,360,460
MACHINES		KLEIN, BARRY	2,417,526	LIU, QIN	2,409,459
CORPORATION	2,406,821	KMITA, GERARD J.	2,390,988	LLOYD, CHRISTOPHER R..	2,402,588
INTIER AUTOMOTIVE INC.	2,410,117	KMITA, GERARD J.	2,391,041	LOBIONDO, JOSEPH A., SR.	2,410,140
INUI, TSUTOMU	2,405,198	KO, JUNG-WAN	2,407,816	LOGICVISION, INC.	2,360,291
INUI, TSUTOMU	2,405,212	KOCHHAR, SUNIL	2,409,092	LOGISENSE CORPORATION	2,407,007
INVENTIO AG	2,410,059	KOMACHIYA, MASAHIRO	2,370,993	LONDON HEALTH SCIENCES	
JAC PRODUCTS, INC.	2,390,988	KONO, AKIRA	2,409,086	CENTRE	2,410,743
JAC PRODUCTS, INC.	2,391,041	KONO, AKIRA	2,409,791	LOTZ, WILLIAM H.	2,404,673
JACK KENNEDY METAL		KOPECKY, STANLEY J.	2,383,193	LU, TAO	2,362,535
PRODUCTS AND		KOYAMA, TOHRU	2,370,993	LU, XIAOLEI MIKE	2,410,225
BUILDINGS, INC.	2,410,720	KRAUSS-MAFFEI		LUCAND, PHILIPPE	2,409,550
JANA, RITTIK	2,409,327	KUNSTSTOFFTECHNIK		LUCAND, PHILIPPE	2,410,079
JAYARAMAN, SURESH	2,410,172	GMBH	2,410,246	LUCENT TECHNOLOGIES	
JIM, TREVOR	2,409,327	KRAUSS-MAFFEI		INC.	2,399,177
JOG, MANDAR	2,410,743	KUNSTSTOFFTECHNIK		MACK, JOHN J.	2,410,132
JOHN, SAM	2,409,327	GMBH	2,410,270	MALONE, JOHN DANIEL	2,410,126
JOHNSON, DWIGHT N.	2,408,062	KROUGLOV, ALEXEI	2,360,712	MALTBY, EDGAR W.	2,405,670
JOHNSON, LOREN E.	2,409,459	KROUPENKINE, TIMOFEI		MANDAI, SHIGEMI	2,409,122
JOLIN, JEAN	2,363,044	NIKITA	2,399,177	MANN, L. CHRIS	2,409,459
JOLLEZ, PAUL	2,360,986	KRUEGER INTERNATIONAL,		MANTHA, RAMESH	2,361,186
JORA, SERBAN	2,409,327	INC.	2,409,804	MARTIN, BRUCE	2,360,610
JUILLERAT, MARCEL		KUBOTA, YURI	2,410,129	MARTIN, JAVIER	2,407,105
ALEXANDRE	2,409,092	KUCHAR, JAMES EDWARD	2,377,642	MASCHINENFABRIK	
JUNG, KIL-SOO	2,407,816	KUCHAR, JAMES EDWARD	2,378,287	KEMPER GMBH &	
KAESER KOMPRESSOREN		KUHN, MICHAEL	2,409,892	COMPANY KG	2,410,186
GMBH	2,406,554	KUHN, MICHAEL	2,409,894	MASINO, JAMES	2,409,884
KAESSBOHRER		KUMAR, RAJESH K.	2,360,611	MASUNAGA, HIROSHI	2,403,161
GELANDEFahrZEUG		KURITA WATER		MATSON, JEFF	2,409,801
AG	2,409,892	INDUSTRIES, LTD.	2,410,149	MATSON, JEFF	2,410,175
		KWONG, K.C. MICHAEL	2,361,015	MATSON, JEFF	2,410,176
		KWONG, MICHAEL K. C.	2,409,319	MATSON, JEFF	2,410,178

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MATTEL, INC.	2,389,423	INC.	2,365,891	PAI, LUCAS	2,361,001
MAYER, STEPHAN	2,409,892	MOSAID TECHNOLOGIES		PALFFY, SANDOR	2,410,402
MAYTAG CORPORATION	2,401,527	INCORPORATED	2,360,897	PARISEAU, CLAUDE	2,363,049
MAYTAG CORPORATION	2,404,673	MUELLER, LOUANN S.	2,410,205	PATEL, CHHOTU N.	2,409,535
MCALEAR, JAMES A.	2,410,105	MUNOZ, DONALD L.	2,390,988	PAUL, WLLI	2,409,073
MCCORMICK, JAMES		MURATA, KUNIIHIKO	2,409,906	PECK, MICHAEL	
MICHAEL	2,409,477	MUTHUMANICKAM,		MACALISTER	2,410,693
MCCULLOCH, DAVID W.	2,410,225	RADHAKRISHNAN	2,409,327	PERROLLAZ, JEAN-MARC	
MCCULLOUGH, DAVID JOHN		N.E. CHEMCAT		CLAUDE	2,409,972
	2,409,418	CORPORATION	2,410,139	PETTIT, FREDERICK M.	2,406,542
MCDONALD, DAVID R.	2,361,687	NADEAU-DOSTIE, BENOIT	2,360,291	PFIZER PRODUCTS INC.	2,410,466
MCFARLAND, JAMES COTY	2,401,527	NAGATA, TADAAKI	2,410,070	PFIZER PRODUCTS INC.,	2,410,134
MCGUFFIN-NOLL, DOUG	2,399,655	NAGATA, TADAAKI	2,410,127	PFIZER PRODUCTS INC.,	2,410,364
MCKNIGHT, DAVID K.	2,360,645	NAGATA, TADAAKI	2,410,133	PFIZER PRODUCTS INC.,	2,411,009
MCLEAN, BRYCE	2,410,151	NAKAJIMA, JUN	2,409,571	PFIZER PRODUCTS INC.,	2,411,011
MECHLENBURG, DOUGLAS		NAKAJIMA, JUN	2,410,029	PFIZER PRODUCTS INC.,	2,411,015
M.	2,410,248	NAKAJIMA, JUN	2,410,070	PGI INTERNATIONAL, LTD.	2,409,634
MELLIN, MICHAEL JAMES	2,409,473	NAKAJIMA, JUN	2,410,109	PIERCE, T.R.	2,362,616
MELNYK, BORYS JOSEPH	2,409,801	NAKAJIMA, JUN	2,410,207	PIETROWICZ, STANLEY	2,401,714
MELNYK, BORYS JOSEPH	2,410,175	NAKANO, KOTARO	2,377,049	PITTS, VIKKI W.	2,409,293
MELNYK, BORYS JOSEPH	2,410,176	NAKAO, TOSHIAKI	2,410,133	PLATT, BRUCE	2,411,087
MELNYK, BORYS JOSEPH	2,410,178	NANDAN, DEVKI	2,360,987	PLATTEEUW, ANTHONY M.	2,360,469
MELNYK, BORYS JOSEPH	2,410,185	NATIONAL RESEARCH		POHL, DOUGLAS A.	2,404,673
MERTINS, KARL-HEINZ O.	2,405,204	COUNCIL OF CANADA	2,410,743	POLONIO, ADRIAN	2,360,876
MESTHA, LALIT K.	2,409,590	NAYLOR, JAMES LEE	2,406,821	PORTES FUSION INC.	2,361,317
METALLWARENFABRIK		NEAR, ROBERT	2,362,868	PORTES NOVELL INC.	2,417,611
GMBH	2,384,272	NEC CORPORATION	2,410,231	POULIN, ANOUK	2,361,317
METALLWARENFABRIK		NEC INFRONTIA		POWERS, LINDA S.	2,402,588
HERMANN WINKER		CORPORATION	2,410,250	POWERTECH LABS INC.	2,360,408
GMBH & CO., KG	2,408,079	NEC TECHNOLOGIES, INC.	2,404,380	PRASAD, RAVI	2,409,459
METRO ONE		NIKUMB, SUWAS	2,410,743	PRAT, DAMIEN	2,398,653
TELECOMMUNICATION		NIPPON KODOSHI		PREMARK FEG L.L.C.	2,399,655
S, INC.	2,409,288	CORPORATION	2,406,777	PROETT, MARK A.	2,409,884
MEYNIER, PATRICK	2,409,534	NIPPON TELEGRAPH AND		PROGRESSIVE TOOL &	
MICROBIOSYSTEMS,		TELEPHONE		INDUSTRIES CO.	2,398,557
LIMITED PARTNERSHIP	2,402,588	CORPORATION	2,410,064	PROLAB TECHNOLOGIES	
MICROMASS LIMITED	2,411,021	NIPPON TELEGRAPH AND		INC.	2,360,986
MICROSAGE WIRELESS INC.	2,361,258	TELEPHONE		PRUCKA, MICHAEL J.	2,408,780
MICROSAGE WIRELESS INC.	2,410,977	CORPORATION	2,410,137	PRUCKA, MICHAEL J.	2,408,999
MIER-LANGNER,		NIPPON TELEGRAPH AND		QUIGLEY, JOHN H.	2,410,176
ALEJANDRO	2,377,642	TELEPHONE		QUIX S.R.L.	2,410,174
MIER-LANGNER,		CORPORATION	2,410,143	RAKAUSKAS, PAUL V.	2,410,230
ALEJANDRO	2,378,287	NISHI, TOHRU	2,409,572	RANDHAWA, KULDIP	2,411,217
MIHALYOV, KENNETH J.	2,409,590	NISHI, TOHRU	2,409,574	RANGABASYAM, MADAN	
MIMURA, TAKASHI	2,410,129	NISHI, TOHRU	2,410,131	CHANDRAGIRI	2,360,634
MINICH, MARTHA LOU	2,410,364	NISHIDA, KOICHI	2,409,122	RAST, BRYSON	2,410,466
MINICH, MARTHA LOU	2,411,009	NISHIMURA, KATSUNORI	2,370,993	RAUCH, SOL	2,361,015
MINICH, MARTHA LOU	2,411,011	NODA, YOSHIAKI	2,410,029	RAUCH, SOL	2,409,319
MINNS, ROBERT	2,361,242	NODA, YOSHIAKI	2,410,133	READ, HOWARD	2,411,021
MITCHELL, JOHN	2,360,998	NODA, YOSHIAKI	2,410,207	REINER, NEIL E.	2,360,987
MITSUBISHI CHEMICAL		NOESTHEDEN, ANDREW	2,387,025	RENTON, PAMELA ANN	
CORPORATION	2,410,139	NOWAK, MICHAEL R.	2,410,205	MARIE	2,410,693
MITSUBISHI DENKI		NYGAARD, RICHARD A., JR.	2,386,501	REPELLIN, JEROME	2,410,080
KABUSHIKI KAISHA	2,403,161	O'CONNOR, PETER JOHN	2,409,418	RESPIRONICS, INC.	2,410,248
MITSUBISHI HEAVY		O'CONNOR, TERENCE J.	2,409,902	REYNIER, JULIEN J. E.	2,361,687
INDUSTRIES, LTD.	2,409,086	OHL, GREGORY L.	2,408,780	RHYNER, JAKOB	2,409,073
MITSUBISHI HEAVY		OHL, GREGORY L.	2,408,999	RIFF, MICHAEL PAUL	2,410,333
INDUSTRIES, LTD.	2,409,122	OHTA, MASATAKA	2,409,122	RIGBY, WILLIAM J.	2,369,806
MITSUBISHI HEAVY		OKADA, KAZUNORI	2,410,076	RITTER, DIANNE MARIE	2,410,134
INDUSTRIES, LTD.	2,409,791	OKI, EIJI	2,410,143	RITTMUELLER, PHILIP	2,404,380
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MOON, YONG-SUK	2,410,107	OKI, EIJI	2,410,137	TECHNOLOGY INC.	2,360,394
MOON, YONG-SUK	2,410,803	OLSEN, ROBERT	2,399,771	RIVERS, CLIFFORD HENRY	2,360,394
MOORE, CHARLES E.	2,388,901	ORBAN, ANDRE E.	2,407,151	ROBBINS & MYERS ENERGY	
MORI, TOHRU	2,410,330	OSTROWSKI, FRANK K.	2,409,519	SYSTEMS, L.P.	2,410,290

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ROBINSON, KENTON I.	2,361,959	SILBERLINE MANUFACTURING CO., INC.	2,363,937	THE CHAMBERLAIN GROUP, INC.	2,410,019
ROGERS, CHRISTOPHER	2,401,166	SIMPSON STRONG-TIE COMPANY, INC.	2,409,458	THE PILOT INK CO., LTD.	2,409,928
ROGERS, CHRISTOPHER	2,410,126	SINCLAIR, JAMES WALLACE	2,361,176	THE UNIVERSITY OF BRITISH COLUMBIA	2,360,987
ROQUETTE FRERES	2,409,536	SINCLAIR, JAMES WALLACE	2,361,242	THEISEN, PETER J.	2,409,477
ROTH, ALAN	2,365,891	SMESKO, SALLY ANN	2,411,087	THERMO CRS LTD.	2,410,333
ROTHROCK, HAMILTON	2,401,714	SMITH INTERNATIONAL, INC.	2,410,122	THERMO CRS LTD.	2,410,693
ROY, MARK	2,411,087	SMITH, BLAKE E.	2,410,290	THOENNISSEN, SCOTT GEORGE	2,399,771
ROYAL GROUP TECHNOLOGIES LIMITED	2,360,634	SMITH, BLAKE E.	2,410,300	THORE, MONIQUE ANDREE	2,409,579
ROZON, COME	2,399,670	SMITH, DONALD E.	2,408,121	TIMM, DEBRA	2,411,232
RUEDA, JOSE ALEJANDRO	2,410,172	SMITH, MICHAEL	2,410,300	TIMM, DEBRA	2,411,237
RYMAN, ARTHUR G.	2,360,959	SMITH, WADE W.	2,408,061	TIMM, DEBRA	2,411,242
SAKYA, SUBAS MAN	2,410,364	SNECMA MOTEURS	2,409,579	TIMMINS, TIMOTHY A.	2,409,288
SAKYA, SUBAS MAN	2,410,466	SNECMA MOTEURS	2,409,972	TOBIANO, PABLO	2,405,583
SAKYA, SUBAS MAN	2,411,009	SOCIETE DES PRODUITS NESTLE S.A.	2,409,092	TOBIANO, PABLO	2,407,160
SAKYA, SUBAS MAN	2,411,011	SOKALSKI, ROBERT G.	2,408,121	TODRSKI, ZENON	2,361,948
SAKYA, SUBAS MAN	2,411,015	SORRENTI, MICHAEL	2,401,166	TOMODA, KAZUHIKO	2,410,076
SAMSUNG ELECTRONIC CO., LTD.	2,410,107	SOUERWINE, ROBERT E.	2,363,937	TORAY INDUSTRIES, INC.	2,410,129
SAMSUNG ELECTRONICS CO., LTD.	2,407,816	SOULIS, GEORGE N.	2,360,610	TRIMBEE, ROBERT S.	2,410,268
SAMSUNG ELECTRONICS CO., LTD.	2,409,917	SPACE SYSTEMS/LORAL INC.	2,404,285	TRN BUSINESS TRUST	2,410,325
SAMSUNG ELECTRONICS CO., LTD.	2,410,803	SPALINSKI, ROBERT P.	2,389,423	TROEGER, RICK H.	2,371,450
SANNER, KENNETH W.	2,409,519	SPECTRUM TARGET DETECTION INC.	2,361,015	TSANG, JOSEPH W.	2,409,459
SANO, HIROSHI	2,408,101	SPECTRUM TARGET DETECTION INC.	2,409,319	TSE, CALVIN	2,360,611
SARA-LEE CORPORATION	2,360,998	STAR-PLAST HOLDINGS INC.	2,399,354	TUDOR, ERIC HUGHSON	2,360,626
SATO, SHIN	2,410,149	STERN, ERIC	2,407,007	TURNHAM, JEFFREY C.	2,360,645
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SCHMITZ, CHRISTOPH	2,410,222	SUGANUMA, HIROSHI	2,408,101	UROŚ, RAYMOND	2,410,080
SCHURMANN, KLAUS	2,410,222	SUGAWARA, TAKEO	2,410,231	VAILLANT, NICOLAS	2,410,262
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NORTEL NETWORKS LIMITED	2,417,928	OWENS CORNING	2,418,103	PHONAK AG	2,421,294
NORVILAS, STEPHEN T.	2,421,255	OWENS, GROVER DAVID	2,419,772	PHYSICAL OPTICS	
NOTAKE, MITSUE	2,418,041	OXOID LIMITED	2,420,354	CORPORATION	2,421,527
NOVA CHEMICALS		OXXON PHARMACCINES		PICHA, FRANTISEK	2,418,038
CORPORATION	2,420,229	LIMITED	2,422,094	PILOT THERAPEUTICS, INC.	2,420,835
NOVAPHARM RESEARCH		OZ, DAN	2,421,232	PINCHEN, STEPHEN	2,420,886
(AUSTRALIA) PTY LTD	2,421,035	OZASA, AKIO	2,421,280	PINTO, PATRICK A.	2,420,673
NOVARTIS AG	2,420,723	OZB2B PTY. LTD.	2,421,107	PIONEER HI-BRED	
NOVARTIS AG	2,423,613	OZEKI, AKIO	2,420,737	INTERNATIONAL, INC.	2,422,366
NOWAK, JACEK	2,421,181	P.P. PAYNE LIMITED	2,420,886	PIONEER HI-BRED	
NOWAK, STAN	2,421,379	PADIGARU, MURALIDHARA	2,420,538	INTERNATIONAL, INC.	2,423,480
NOWAK, STAN	2,421,381	PADIGARU, MURALIDHARA	2,422,891	PIRRO, JEFFREY P.	2,421,152
NUCLETRON B.V.	2,421,080	PAINGANKAR, NIRANJAN	2,418,040	PITZELE, BARNETT S.	2,420,007
NUCOR CORPORATION	2,420,492	PAISTE AG	2,420,911	PITZELE, BARNETT S.	2,420,529
NUNINGER, COSIMA	2,421,226	PAISTE, ROBERT	2,420,911	PLASCHKA, REINHARD	2,421,101
N-VIRO INTERNATIONAL		PALMAYA PTY LTD	2,420,854	PLATTEEUW, JOHANNES JAN	2,418,038
CORPORATION	2,417,933	PAMPOUCHIDIS, GEORG	2,420,456	PLATZER, JOSEF	2,422,155
OBALLA, MICHAEL C.	2,420,229	PANANDIKER, RAJAN KESHAV		PLINER, DAVID S.	2,421,255
O'BRIEN, WILLIAM GEORGE	2,419,384		2,419,401	PLINSKA, STANISLAWA	2,421,181
OCCIDENTAL CHEMICAL		PANANDIKER, RAJAN KESHAV		PLUM, LORI A.	2,420,026
CORPORATION	2,420,858		2,420,453	PNEUMOFLEX SYSTEMS, L.L.C.	2,420,545
O'CONNOR, STEPHEN P.	2,418,071	PANG, GERALD	2,420,875		2,420,727
OGAWA, KUNIO	2,420,737	PAPARIZOS, CHRISTOS	2,417,987		

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POLICKY, JENNIFER L.	2,422,497	RENGA, JAMES M.	2,418,046	INTERNATIONAL LIMITED	
POLING, TIMOTHY R.	2,421,001	RENHOWE, PAUL A.	2,420,694		2,421,381
POLITINO, MICHAEL	2,423,161	RESEARCH FOUNDATION		SALEY, AHMED	2,421,124
PRADZYNSKI, KRZYSZTOF	2,421,522	ITSUU LABORATORY	2,420,962	SALLBERG, MATTI	2,421,877
PRADZYNSKI, KRZYSZTOF	2,421,554	RESEARCH TRIANGLE		SALO, ROBERT A.	2,420,598
PRATT & WHITNEY CANADA		INSTITUTE	2,420,547	SAMONIN, VLADIMIR	
CORP./PRATT & WHITNEY		REXNORD CORPORATION	2,420,474	NIKOLAEVITCH	2,418,079
CANADA CIE.	2,420,709	REYNOLDS, MILTON CHARLES		SAMPSON, SANFORD	2,416,788
PRECISION COVER SYSTEMS	2,421,048			SAMSUNG ELECTRONICS CO.,	
PRENTICE, ROSS	2,421,221	REZNEK, STEVEN R.	2,420,870	LTD.	2,421,235
PREU, GABRIELE	2,419,569	RHODIANYL	2,420,323	SAMUELS, ALVIN	2,421,371
PREVOST, JEAN	2,419,565	RICE, MATTHEW	2,420,481	SANDBERG, LAWRENCE B.	2,415,225
PREVOST, JEAN	2,420,910	RICHARDS, MARK P.	2,421,515	SANJANWALA, MADHU S.	2,422,497
PRINCE, KERRY J.	2,418,103	RICHHEIMER, STEVEN	2,421,109	SANKYO COMPANY, LIMITED	2,420,844
PROBST, JOACHIM	2,421,074	RICHMAN, ALEX	2,421,220	SANKYO COMPANY, LIMITED	2,420,951
PROCHAZKA, JAN	2,421,157	RICHMAN, ELLIOTT M.	2,421,220	SANO, RYUJI	2,421,185
PROMEGA CORPORATION	2,422,310	RIEDER, BRENT JEFFREY	2,418,046	SANO, RYUJI	2,421,188
PROMO, MICHELLE A.	2,420,007	RIFF, KENNETH M.	2,419,501	SANOFI-SYNTHELABO	2,420,727
PROUDFOOT, AMANDA	2,423,616	RIGGS, BRIAN	2,420,481	SANTHANAM, BAMA	2,420,673
PRUSINER, STANLEY B.	2,416,029	RIGGS-SAUTHIER, JENNIFER	2,420,576	SANYO ELECTRIC CO., LTD.	2,421,158
PTI ADVANCED FILTRATION,		RILEY, DEAN	2,420,579	SARIG, JUDITH	2,420,860
INC.	2,420,685	RIPPERGER, WILLI	2,421,275	SASHIDE, FUMIO	2,420,596
QINETIQ LIMITED	2,420,763	RITCHIE, NORMAN W.	2,421,030	SATO, FUMINORI	2,418,041
QUAY, STEVEN C.	2,417,840	RITE-HITE HOLDING		SATO, MAKI	2,420,958
QUEEN MARY & WESTFIELD		CORPORATION	2,420,409	SATO, YASUSHI	2,420,850
COLLEGE	2,420,496	RITO, CHRISTOPHER JOHN	2,418,104	SAUNDERS, CRAIG M.	2,420,598
RACHWAL, STANISLAW	2,419,958	RITTER, DAVID C.	2,417,983	SAVA, ALEX	2,421,035
RAHDERT, DAVID A.	2,418,112	RIVARD, CHARLES-HILAIRE	2,419,560	SAVANT, GAJENDRA D.	2,421,527
RAHMFELD, WERNER	2,420,604	ROBERT, GILLES	2,420,323	SAWAO, TAKASHI	2,420,719
RAMANARAYANAN, TRIKUR		ROBILLARD, JEAN G.	2,421,184	SAXENA, BRIJ B.	2,420,348
ANANTHARAMAN	2,420,963	ROBINSON, LOUISE	2,421,581	SCATTERGOOD, DARREN	
RAMASWAMY, SREENIVAS	2,421,233	ROCCO, VINCENT PATRICK	2,419,777	PAUL	2,420,763
RAMKUMAR, JAYALAXMI	2,422,497	RODRIGUEZ-RIVERA,		SCHERING CORPORATION	2,420,673
RAMSTROM, OLOF	2,421,197	GUSTAVO	2,421,591	SCHERMAN, DANIEL	2,421,179
RANDALL, SHERRI LYNN	2,419,401	ROEMER, MICK D.	2,421,566	SCHILLER, WOLFGANG ARNO	2,419,569
RANE, DINANATH F.	2,420,673	ROEVENS, PETER WALTER		SCHMID, CHRISTOPHER	
RANGANATHAN,		MARIA	2,421,228	RANDALL	2,421,154
RAMACHANDRA S.	2,421,182	ROFFMAN, JEFFREY H.	2,421,001	SCHMIDT, GUNTER	2,417,880
RANIERE, KEITH	2,421,454	ROLLMANN, JURGEN	2,420,622	SCHMIDT, RALF	2,423,596
RAO, ASHOK K.	2,421,233	ROMANCZYK, LEO J., JR.	2,421,513	SCHMIDT, RUDIGER	2,421,089
RAO, NAGARAJA K. R.	2,417,960	ROSEN, CRAIG A.	2,423,559	SCHNEIDER, JOERG	2,422,094
RAPACZ, ANDRZEJ	2,421,181	ROSS, HAYES E.	2,420,729	SCHOOTEN, WIM-VAN	2,422,155
RAPPAS, ALKIS S.	2,420,699	ROSS, SARAJANE	2,422,538	SCHORZMAN, SCOTT A.	2,419,898
RAPPENECKER, HERMANN	2,421,053	ROSS, THORSTEN	2,419,595	SCHORZMAN, SCOTT A.	2,420,647
RAPPENECKER, HERMANN	2,421,129	ROTHAUL, ALAN	2,419,601	SCHREIBER, JOHN, R.	2,422,204
RASTELLI, LUCA	2,420,538	ROUKES, MICHAEL L.	2,417,939	SCHROEDER, WEN	2,418,113
RAUMANN, BRIGITTE E.	2,422,497	ROUSH, DAVID J.	2,419,889	SCHROER, JOSEF	2,420,100
RECKITT BENCKISER (UK)		ROYAL APPLIANCE MFG. CO.	2,420,598	SCHULDT-HEMPE, BARBARA	2,421,243
LIMITED	2,420,927	ROZENBLIT, DMITRIY	2,420,687	SCHULTE, DAVID LEE JR.	2,420,732
RECOVERY NATIONAL		ROZWADOWSKI, KEVIN L.	2,422,362	SCHULZ, ECKHARD	2,421,277
CORPORATION	2,421,560	RUDISILL, EDGAR N.	2,420,428	SCHUTTE, RUDIGER	2,420,622
REDDY, ROOPA M.	2,422,497	RUECKLE, THOMAS	2,420,568	SCHWEIKERT, HANS-UDO	2,421,302
REECE, WILLIAM	2,422,094	RUECKLE, THOMAS	2,421,209	SCOTT, DAVID	2,418,096
REED, STEVEN JAMES	2,421,029	RUECKLE, THOMAS	2,421,417	SCOTT, ROBERT	2,420,600
REEFEDGE, INC.	2,419,853	RUEHTER, GERD	2,419,388	SCOVILLE, JOHN	2,420,487
REEFEDGE, INC.	2,419,865	RUSSELL, LARRY R.	2,420,612	SCRANTON, DELBERT C. JR.	2,421,371
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REGNIER, LUC ROGER	2,420,619	RYAN, ROBERT FRANCIS	2,423,303	SEINO, YUKO	2,421,217
REGURI, BUCHI REDDY	2,420,987	RYTEC CORPORATION	2,421,111	SEITZ, THOMAS	2,420,917
REID, JOHN T.	2,422,843	SABACKY, BRUCE JAMES	2,421,157	SENATOROVA, OLGA	
REIDER, PAUL J.	2,421,018	SACKS, MEIR S.	2,419,404	GRIGORIEVNA	2,418,079
REINHARDT, MISCHA WERNER		SAEED, ASHRAF	2,421,154	SENCO PRODUCTS, INC.	2,420,365
HENRI MARIE	2,423,613	SAFAR, JIRI	2,416,029	SENGE, GERD	2,419,595
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REKSTAD, HAVARD	2,420,974	INTERNATIONAL LIMITED		SETTE, ALESSANDRO	2,421,445
REMEROWSKI, DAVID L.	2,420,365		2,421,379	SEYFFERT, KENNETH WAYNE	2,420,732
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SHEN, SHLOMZION	2,416,788	SONY CORPORATION	2,420,719	INDUSTRIES, LTD.	2,420,055
SHERWOOD INTERNATIONAL		SONY CORPORATION	2,420,737	TAKENOUCI, KAZUYA	2,420,759
GROUP LIMITED	2,420,924	SOPPET, DANIEL R.	2,423,559	TAKEUCHI, KUMIKO	2,419,777
SHETTY, JAYARAMA K.	2,421,201	SOUTHWOOD, SCOTT	2,421,445	TAKEYAMA, HIDETOSHI	2,420,168
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SHINOHARA, RUMI	2,421,280	SPLAWSKI, IGOR	2,416,545	TANAKA, SHINJI	2,421,280
SHIRAKAWA, DAISUKE	2,420,574	SPORLEDER, HANS-PETER	2,420,493	TANG, XIAOZHONG	2,420,442
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SHON, KI-JOON	2,416,544	SPYTEK, KIMBERLY A.	2,420,538	TARRO, GIULIO	2,417,930
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SHOU, JIANYONG	2,422,538	SSP CO., LTD.	2,420,691	TATANI, KAZUYA	2,423,568
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CABLE CO., LTD.	2,418,047	STANLEY, TODD	2,420,481	TAUPIER, RAYMOND J.	2,420,538
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SIEMENS		STEPHENS, JONATHAN CLIVE	2,423,307	TDW DELAWARE, INC.	2,420,741
AKTIENGESELLSCHAFT	2,419,569	STEPHENS, PAUL D.	2,420,598	TEIZIN LIMITED	2,420,759
SIEMENS		STEPHENS, ROBERT E.	2,420,545	TEKIA, INC.	2,417,966
AKTIENGESELLSCHAFT	2,420,735	STERN, EDITH HELEN	2,418,045	TELIK, INC.	2,421,581
SIEMENS LIMITED	2,420,872	STIEBER, JOHN R.	2,419,940	TELSONIC AG	2,421,224
SIGHTLINE TECHNOLOGIES		STOCKHAUSEN GMBH & CO.		TEMMING, JO	2,418,100
LTD.	2,421,232	KG	2,421,216	TEMPESTA, MICHAEL S.	2,421,109
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SIKORSKI, JAMES	2,420,529	STONE, DAVID J.	2,420,538	COMMONWEALTH	
SILVER, BRIAN H.	2,420,541	STRATOS AUDIO	2,421,165	SYSTEM OF HIGHER	
SIMERAL, LARRY S.	2,419,955	STREZOV, LAZAR	2,420,492	EDUCATION	2,421,786
SIMONETTI, JOHN A.	2,420,685	STRICKLER, JAMIE R.	2,419,955	TENNENBAUM, TAMAR	2,416,788
SINGH, MUKUL	2,420,348	STROM, TERRY B.	2,422,294	THE ASSOCIATED OCTEL	
SINGHAL, SANDEEP KISHAN	2,419,853	STRZELECKA, EVA M. B.	2,421,009	COMPANY LIMITED	2,420,764
SINGHAL, SANDEEP KISHAN	2,419,865	STYRKARSDOTTIR, UNNUR	2,422,426	THE BOC GROUP PLC	2,419,627
SINVENT AS	2,420,968	SU, SHEN-FANG	2,420,844	THE BOC GROUP PLC	2,419,628
SINVENT AS	2,420,974	SUCEVICH, VAUGHN A., SR.	2,419,898	THE COMMONWEALTH OF	
SIRIFIC WIRELESS		SUCEVICH, VAUGHN A., SR.	2,420,647	AUSTRALIA	2,419,191
CORPORATION	2,421,173	SUCHARCZUK, GUY	2,421,522	THE GILLETTE COMPANY	2,421,150
SKAUGEN, GEIR	2,420,968	SUCHARCZUK, GUY	2,421,554	THE GOVERNMENT OF THE	
SKAUGEN, GEIR	2,420,974	SUKHIKH, ALEKSANDR		UNITED STATES,	
SKEAD, BENJAMIN MARK	2,419,601	YUVENARJEVITCH	2,418,079	REPRESENTED BY THE	
SKILLERN, JEFF	2,420,018	SUKHORUKOV, GLEB	2,420,523	SECRETARY, DEPAR	
SLOMKA, MAREK	2,421,181	SULLIVAN, JOHN K.	2,422,215	TMENT OF HEALTH AND	
SMITH INTERNATIONAL, INC.	2,421,227	SUMITOMO ELECTRIC		HUMAN SERVICES	2,419,870
SMITH, ALLAN M.	2,420,570	INDUSTRIES, LTD.	2,421,125	THE KITASATO INSTITUTE	2,420,601
SMITH, KURT R.	2,419,501	SUNAZUKA, TOSHIKI	2,420,601	THE LUBRIZOL CORPORATION	2,419,953
SMITHKLINE BEECHAM		SUNGENE GMBH & CO. KGAA	2,422,760	THE NIKKA WHISKY	
CORPORATION	2,416,537	SUNTOKE, TARA R.	2,423,004	DISTILLING CO., LTD.	2,421,761
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SMITHKLINE BEECHAM P.L.C.	2,421,213	SUZUKI, HIDEKI	2,422,366	THE PROCTER & GAMBLE	
SMITHSON, GLENNDA	2,420,538	SWANSON, DAVID K.	2,420,513	COMPANY	2,419,772
SMITHSON, GLENNDA	2,422,891	SYNGENTA PARTICIPATIONS		THE PROCTER & GAMBLE	
SMS DEMAG		AG	2,421,226	COMPANY	2,419,792
AKTIENGESELLSCHAFT	2,420,353	SYNTHESE (U.S.A.)	2,420,688	THE PROCTER & GAMBLE	
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SMYTH, THOMAS J.	2,421,165	SYRJALA, JARI	2,421,402	COMPANY	2,420,430
SNYDER, CHRISTOPHER		TACK, BRIAN F.	2,415,236	THE PROCTER & GAMBLE	
EUGENE	2,421,173	TAJIMA, YUICHIRO	2,421,188	COMPANY	2,420,448
SOGAWA, RYO	2,420,759	TAKAGI, HIROKAZU	2,420,574	THE PROCTER & GAMBLE	
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THOMPSON, RICHARD CRAIG	2,421,154	UNIPURE CORPORATION	2,420,699	VERVUERT, INGRID	2,420,493
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