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# The Patent Office Record

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# THE PATENT OFFICE RECORD

# LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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

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

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

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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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'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

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

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

## Avis

### 2. Country Code

A complete list of country codes has been published in the issue of October 28, 2003 and will be published twice a year in the last issues of April and October.

### 3. Canadian Class Titles

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

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

### 4. Class Schedules and Definitions

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

### 2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 28 octobre 2003 et sera republiée deux fois par année dans le dernier numéro des mois d'avril et d'octobre.

### 3. Liste des classes canadiennes

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

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

### 4. Listes et définitions des classes

Il est possible d'acheter les listes des sous-classes pour chacune des classes énumérées dans ces pages en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. Des définitions selon les sujets se trouvant dans chaque classe ou sous-classe peuvent aussi être achetées pour la plupart des classes. Les prix de ces listes et définitions individuelles est de 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-Gatineau, 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-Gatineau, 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-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied on request.

### 8. Licensing of Patents

#### Voluntary Licences

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

#### 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-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

### 8. Octroi de licences en vertu des brevets

#### Licences librement accordées

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

#### 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

**2,210,084**

**2,287,870**

### 11. Laid-Open Applications

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

### 12. Language of Published Documents

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

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

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

**2,210,084**

**2,287,870**

### 11. Demandes mises à la disponibilité du public

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

### 12. Langue du document publié

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

## Notices

### 13. Patent Cooperation Treaty (PCT)

#### SCHEDULE OF FEES APPLICABLE FROM DECEMBER 1, 2003

<b>1. Transmittal Fee (Rule 14)</b>	<b>\$ 200.00</b>
<b>2.* Basic Fee</b>	<b>\$ 643.00</b>
Amount for each additional sheet over 30	<b>\$ 15.00</b>
<b>3. Designation Fee (Rule 15.2(a))</b>	<b>\$ 138.00</b>

The maximum that can be charged for the Designation fee is \$690; therefore, if more than 5 countries are designated, the fee remains \$690.

<b>4. International Search Fee</b>	<b>\$1457.00</b>
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The above-mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Office). 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 for Canada.

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

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

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

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

\* International fees will be reduced by \$198.00 for all applications filed using PCT-EASY.

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

#### BARÈME DE TAXES À PARTIR DU 1 DECEMBRE 2003

<b>1. Taxe de transmission (Règle 14)</b>	<b>200,00 \$</b>
<b>2.* Taxe de base (Règle 15.2(a))</b>	<b>643,00 \$</b>
Montant pour chaque feuille au delà de 30	<b>15,00 \$</b>
<b>3. Taxe de désignation (Règle 15.2(a))</b>	<b>138,00 \$</b>

Le maximum payable pour la taxe de désignation est de 690,00 \$; donc, si plus que 5 pays sont désignés, la taxe demeure 690,00 \$.

<b>4. Taxe de recherche internationale</b>	<b>1457,00 \$</b>
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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 Général du Canada.

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

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

<b>6. Taxe de traitement</b>	<b>159 Euro</b>
<b>7. Taxe d'examen préliminaire (Règle 58)</b>	<b>1530 Euro</b>

Les taxes d'examen préliminaire sont payables en Euros et doivent être payées à l'Office européen des brevets à Munich. Veuillez noter que l'Office européen des brevets **ne** considérera **pas** les honoraires comme étant reçus jusqu'à ce qu'ils atteignent l'Europe. Il est préférable d'envoyer la demande et une copie par télécopieur de la traite bancaire au 011-4989-2399-4465.

\* Les frais seront réduits de 198 \$ pour toutes les demandes déposées en utilisant PCT-Easy

## Avis

### 14. Patent Cooperation Treaty (PCT)

#### SCHEDULE OF FEES APPLICABLE FROM JANUARY 1, 2004

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

The above-mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Office). These fees are to be paid in Canadian dollars and made payable to the Receiver General for Canada.

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

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

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

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

\* International fees will be reduced by \$100 for all applications filed using PCT-SAFE\*\*

\*\* PCT-SAFE is replacing PCT-EASY.

### 14. Traité de coopération en matière de brevets (PCT)

#### BARÈME DE TAXES À PARTIR DU 1 JANVIER 2004

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

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande, (soit la date de réception de la demande internationale). Les taxes doivent être payées en dollars canadiens et sont payables au Receveur Général du Canada.

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

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

6. Taxe de traitement	159 Euro
7. Taxe d'examen préliminaire (Règle 58)	1530 Euro

Les taxes d'examen préliminaire sont payables en Euros et doivent être payées à l'Office européen des brevets à Munich. Veuillez noter que l'Office européen des brevets ne considérera pas les honoraires comme étant reçus jusqu'à ce qu'ils atteignent l'Europe. Il est préférable d'envoyer la demande et une copie par télécopieur de la traite bancaire au 011-4989-2399-4465.

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

\*\* PCT-SAFE remplacera PCT-EASY.

## Notices

### 15. PCT notices

#### PCT Signature Requirements

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

#### Patent Cooperation Treaty (PCT)

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

### 16. Updated Notice on Fee Review

As indicated in the previous notice published in June 2003, the majority of fee changes for patents, trade-marks, industrial designs and copyrights will come into force **January 1, 2004**.

These changes will facilitate client-driven service improvements and introduce fees for new services.

The administrative amendments to the *Patent Rules* and fee changes related to the International Searching Authority (ISA) and International Preliminary Examining Authority (IPEA) services will come into force in the second half of 2004, once the Canadian Intellectual Property Office (CIPO) begins to offer these new services.

Reduced fees for copyright and trade-mark on-line services will come into force on **January 1, 2004**. Certain electronic services, such as certified copies of documents in electronic form will, however, only be available at a date still to be determined.

### 15. Avis PCT

#### Exigences des signatures du PCT

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

#### Traité de Coopération en matière de brevets (PCT)

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI au coût de 200 francs suisses et 18 francs suisses, respectivement.

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

### 16. Avis Actualisé De Révision Des Tarifs

Comme l'indiquait l'avis précédent publié en juin 2003, la plupart des modifications tarifaires relatives aux brevets, aux marques de commerce, aux dessins industriels et aux droits d'auteur prendront effet le **1er janvier 2004**.

Ces modifications permettront d'améliorer le service axé sur la clientèle; elles établissent en outre des tarifs pour de nouveaux services.

Les modifications administratives relatives aux *Règles sur les brevets* et les modifications tarifaires liées aux services d'administration chargée de la recherche internationale (ACRI) et d'administration chargée de l'examen préliminaire international (ACEPI) prendront effet au deuxième semestre de 2004, une fois que l'Office de la propriété intellectuelle du Canada aura commencé à assurer ces services.

Les tarifs réduits applicables aux services électroniques liés aux droits d'auteur et aux marques de commerce prendront effet le **1er janvier 2004**. Certains services électroniques tels que les copies certifiées de documents électroniques ne seront toutefois disponibles qu'à une date ultérieure non déterminée.

## Avis

The fee changes, along with some minor administrative changes, were published in Part II of the *Canada Gazette* on June 18, 2003, under the following titles: ***Rules amending the Patent Rules; Regulations amending the Trade-marks Regulations (1996); Regulations amending the Industrial Design Regulations; and Regulations amending the Copyright Regulations.***

An extract of the *Canada Gazette* containing the modifications, the Regulatory Impact Analysis Statement and an updated explanatory note can be accessed on the CIPO Web site at: [www.cipo.gc.ca](http://www.cipo.gc.ca). An updated master list of the new fees, along with the previous fee structure is also posted on CIPO's Web site.

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

### **Updated Explanatory Note**

#### **Fee Schedule**

As mentioned in the first explanatory note published in June 2003, the majority of the new fees for patents, trade-marks, industrial designs and copyrights will come into force on **January 1, 2004**. The patent fees specific to the Canadian Intellectual Property Office's (CIPO) functioning as an International Searching Authority (ISA) and International Preliminary Examining Authority (IPEA) will come into force in the second half of 2004, once CIPO begins to offer these new services.

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

Les modifications tarifaires ainsi que de légères modifications administratives ont été publiées le 18 juin 2003 dans la Partie II de la *Gazette du Canada* sous les titres suivants : ***Règles modifiant les Règles sur les brevets; Règlement modifiant le Règlement sur les marques de commerce (1996); Règlement modifiant le Règlement sur les dessins industriels; et Règlement modifiant le Règlement sur le droit d'auteur.***

L'extract de la *Gazette du Canada* portant sur les modifications, le Résumé de l'étude d'impact de la réglementation ainsi qu'une note explicative actualisée sont accessibles à partir du site Web de l'OPIC à l'adresse suivante : [www.opic.gc.ca](http://www.opic.gc.ca). Une liste de contrôle des tarifs actualisée qui présente les tarifs avant et après les modifications est également publiée sur le site de l'OPIC.

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

### **Note explicative actualisée**

#### **Barème des tarifs**

Tel que mentionné dans la première note publiée en juin 2003, la plupart des nouveaux tarifs applicables aux brevets, aux marques de commerce, aux dessins industriels et aux droits d'auteur prendront effet le **1er janvier 2004**. Les nouvelles taxes en matière de brevets liées aux services qu'offrira l'OPIC à titre d'administration chargée de la recherche internationale (ACRI) et d'administration chargée de l'examen préliminaire international (ACEPI) prendront effet au cours du deuxième semestre de 2004, une fois que l'OPIC aura commencé à assurer ces services.

Ce nouveau barème des tarifs s'appliquera aux demandes d'enregistrement de brevets en instance ainsi qu'aux brevets délivrés, même si la demande a été déposée ou le brevet délivré avant le 1er janvier 2004. La même règle sera valable pour les demandes et les enregistrements en instance (marques de commerce, dessins industriels et droits d'auteur), même si la demande ou l'enregistrement est antérieur au 1er janvier 2004.

## Notices

### Electronic Services

As of January 1, 2004, the electronic services pertaining to providing electronic copies of a document will be available for certain patent documents, laid-open applications and granted patents, which already exist electronically. The Industrial Design Office is planning to offer electronic copies in the near future for documents which already exist electronically. Please note that the new service of providing certified copies of documents in electronic form will be offered at a date still to be determined. The service of paper copies and certified paper copies will continue to be offered.

Details on how to calculate the fee for electronic reproduction of patent documents can be accessed on the CIPO Web site, under *Patents, E-services, Order Patent Documents*.

### Patent Rules

New section 3.1 of the *Patent Rules* will enter into force on January 1, 2004. This section will provide relief to applicants and patentees who have made a clear, but unsuccessful, attempt to pay a fee. Applicants and patentees who respond, generally within two months from the date of the notice, by submitting the outstanding balance and the applicable late payment fee, will avoid abandonment as the fee will be considered to have been paid before the expiry of the original time limit.

Administrative amendments to the *Patent Rules* relating to the functioning of CIPO as an International Searching Authority (ISA) and International Preliminary Examining Authority (IPEA) will also come into force in the second half of 2004, once CIPO begins to offer these new services.

As of January 1, 2004, CIPO will generate information concerning the status of a patent application or patent upon payment of the prescribed fee, shown as item 27 of the amended Tariff of Fees. From the Canadian Patents Database, it is now possible to obtain administrative information related to the status of the patent application or patent, and it will be possible to obtain information on maintenance fee payments at a later date.

### Services électroniques

À compter du 1er janvier 2004, les services électroniques offrant la possibilité d'obtenir la copie électronique d'un document seront disponibles pour certains documents de brevets, pour les demandes de brevets mises à la disposition du public et pour les brevets octroyés qui existent déjà sous forme électronique. Le Bureau des dessins industriels prévoit très bientôt mettre à la disposition de sa clientèle les copies électroniques des documents déjà disponibles sous forme électronique. Veuillez prendre note que le nouveau service de délivrance des copies certifiées de documents électroniques sera disponible à une date ultérieure non déterminée. Les services concernant les copies papier et les copies certifiées de documents papier seront maintenus.

On trouve des renseignements détaillés sur la manière de calculer les taxes exigibles pour les copies de documents de brevets sur le site de l'OPIC, sous la rubrique *Brevets, Services électroniques, Commander des copies de documents de brevets*.

### Règles sur les brevets

Le nouvel article 3.1 des *Règles sur les brevets* prendra effet le 1er janvier 2004. Cette disposition offre un nouveau recours aux demandeurs et titulaires de brevets qui ont clairement tenté de s'acquitter d'une taxe, sans succès. Les demandeurs et titulaires de brevets qui répondent, généralement dans un délai de deux mois suivant l'avis, en effectuant le versement du solde exigible et des taxes de retard applicables éviteront que leur demande ne soit abandonnée; en effet, la taxe ainsi versée sera réputée avoir été acquittée avant l'expiration du premier délai.

Les modifications administratives apportées aux *Règles sur les brevets* ayant trait aux services de l'OPIC à titre d'administration chargée de la recherche internationale (ACRI) et d'administration chargée de l'examen préliminaire international (ACEPI) prendront effet au cours du deuxième semestre de 2004, une fois que l'OPIC aura commencé à assurer ces services.

À compter du 1er janvier 2004, l'OPIC produira de l'information sur l'état des demandes d'enregistrement de brevets et des brevets moyennant le versement de la taxe applicable, figurant à l'article 27 du Tarif des taxes modifié. Il est désormais possible d'obtenir, à partir de la Base de données sur les brevets canadiens, des renseignements administratifs sur l'état des demandes d'enregistrement de brevets et des brevets; l'OPIC prévoit également fournir des renseignements sur le paiement des taxes de maintien à une date ultérieure.

## Avis

### **Industrial Design Regulations**

As of January 1, 2004, a fee will be required for the following services:

**1. Delaying registration:** A request to delay the registration of an industrial design will be processed upon payment of the prescribed fee, shown as item 9 of the amended Tariff of Fees. This will apply in cases when an applicant requests to delay the registration of an application which otherwise would normally proceed with registration. This will not apply in situations relating to parent/divisional applications or similar designs filed by the same applicant provided that the applicant has notified the Industrial Design Office of the existence of such co-pending applications. In these situations, the usual practice of the Office is to register such applications on the same day.

**2. Reinstatement of an abandoned application:** In accordance with subsection 5(4) of the *Industrial Design Act*, an abandoned application will be reinstated if, within the prescribed period, the applicant submits a request for reinstatement along with a reply to the objections to registration, and pays the prescribed fee, shown as item 10 of the amended Tariff of Fees.

**3. Issuance of a correcting certificate required as a result of an error not committed by the Office:** A certificate of correction will be issued upon payment of the prescribed fee, shown as item 11 of the amended Tariff of Fees.

**4. Processing a request for accelerated examination of an application to register a design:** The Industrial Design Office will continue to process requests for accelerated examination in cases of suspected infringement upon payment of the prescribed fee, shown as item 12 of the amended Tariff of Fees.

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

### **Règlement sur les dessins industriels**

À compter du 1er janvier 2004, il faudra acquitter un droit pour les services suivants :

**1. Sursis à l'enregistrement :** Une demande de sursis à l'enregistrement d'un dessin industriel sera traitée sur versement du droit applicable, figurant à l'article 9 du Tarif des droits modifié. Ce droit sera exigible lorsqu'un demandeur souhaite se reporter à l'enregistrement d'une demande qui devrait autrement passer à l'étape de l'enregistrement. Ce droit ne s'applique pas aux cas qui concernent une demande complémentaire ou principale ou un dessin semblable déposé par le même demandeur, à condition que le demandeur ait avisé le Bureau des dessins industriels de l'existence de ces demandes en instance. Dans ce cas, le Bureau a généralement pour habitude d'enregistrer les demandes en instance le même jour.

**2. Rétablissement d'une demande d'enregistrement abandonnée :** Conformément au paragraphe 5(4) de la *Loi sur les dessins industriels*, une demande d'enregistrement abandonnée peut être rétablie si le demandeur présente, dans le délai prescrit, une demande de rétablissement accompagnée d'une réponse aux objections formulées par le registraire et qu'il s'acquitte du droit applicable, figurant à l'article 10 du Tarif des droits modifié.

**3. Délivrance d'un nouveau certificat pour corriger une erreur qui n'a pas été faite par le Bureau :** Un certificat de correction sera délivré sur versement du droit applicable, figurant à l'article 11 du Tarif des droits modifié.

**4. Traitement d'une demande de procédure accélérée concernant une demande d'enregistrement d'un dessin :** Le Bureau des dessins industriels continuera à traiter les demandes de procédure accélérée dans les cas où l'on soupçonne l'existence de contrefaçon, à condition que le droit applicable, figurant à l'article 12 du Tarif des droits modifié, soit acquitté.

Pour obtenir de plus amples renseignements, consultez la Partie II de la *Gazette du Canada* ou la liste de contrôle des tarifs actualisée, qui présente les tarifs avant et après les modifications. Ces documents sont publiés sur le site de l'OPIC à l'adresse suivante : [www.opic.gc.ca](http://www.opic.gc.ca).

## Notices

### **17. Call for Comments on Proposals for Privilege Protection and Self-Regulation of Patent and Trade-mark Agents**

Industry Canada is seeking your views on proposals made by the Intellectual Property Institute of Canada to grant privilege to and establish self-regulation for Canadian patent and trade-mark agents.

The "Discussion Paper on Proposals for Privilege Protection and Self-regulation of Patent and Trade-mark Agents" takes stock of issues and includes a series of outstanding questions for the purpose of obtaining effective feedback from interested parties with a view to developing policy options. The discussion paper is available electronically at [www.cipo.gc.ca](http://www.cipo.gc.ca) and a paper copy can be obtained by contacting the Canadian Intellectual Property Office Client Service Centre at (819) 997-1936.

Comments will be accepted until February 27, 2004. This is your opportunity to let us know what you think. Your views are important to us and will be considered as we move forward in the policy development process.

Thank you for your participation and interest in this important matter.

### **18. Canadian Laid-Open Applications**

The Patent Office Record of December 16, 2003 contains laid-open applications from November 23, 2003 - November 29, 2003.

### **17. Appel aux fins de commentaires - Propositions relatives à la protection du secret professionnel et à l'autoréglementation des agents de brevets et de marques de commerce**

Industrie Canada souhaite obtenir votre avis au sujet des propositions relatives à la protection du secret professionnel et à l'autoréglementation des agents de brevets et de marques de commerce canadiens, présentées par l'Institut de la propriété intellectuelle du Canada.

Le "Document de travail sur les propositions de protection du secret professionnel et d'autoréglementation des agents de brevets et de marques de commerce" rend compte de la question et renferme une série de questions en suspens auxquelles il faut répondre afin d'obtenir une rétroaction efficace des parties intéressées en vue de l'élaboration de politiques. La version électronique du document de travail est disponible au [www.opic.gc.ca](http://www.opic.gc.ca) et vous pouvez obtenir une copie papier en vous adressant au Centre de services à la clientèle de l'Office de la propriété intellectuelle du Canada au (819) 997-1396.

Les commentaires seront acceptés jusqu'au 27 février 2004. C'est l'occasion de nous dire ce que vous pensez. Votre point de vue est important pour nous et servira dans le processus d'élaboration de politiques.

Merci de votre participation et de votre intérêt à l'égard de cette importante question.

### **18. Demandes Canadiennes mises à la disponibilité du public**

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 23 novembre 2003 - 29 novembre 2003

## **Avis**

# Canadian Patents Issued

December 16, 2003

## Brevets canadiens délivrés

16 décembre 2003

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[13] C

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[25] EN  
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CATALYSTS  
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[73] EXXONMOBIL CHEMICAL  
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[13] C

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OPTIMUM CHEMILUMINESCENCE  
ASSAY SYSTEM  
[54] SYSTEME DE DETERMINATION  
DE LA CHIMIOLUMINESCENCE EN  
MILIEU ACIDE OPTIMUM PAR  
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[13] C

[51] Int.Cl. 5B01D 61/36  
[25] EN  
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[54] SEPARATION DU 1-METHOXY-2-  
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[72] KRUG, JOSEPH, DE  
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[22] 1990-10-26  
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[13] C

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METHOD OF FABRICATING  
[54] POULIE MULTILAMELLAIRE ET  
METHODE DE FABRICATION  
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MEMBRANES, PROCESSES FOR  
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THEREOF  
[54] MEMBRANES PERFOREES  
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UTILISATIONS  
[72] DELLA VALLE, FRANCESCO, IT  
[72] CALDERINI, GABRIELLA, IT  
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[13] C

[51] Int.Cl. 5C09K 7/02  
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ETHERS IN WATER-BASED DRILLING  
FLUIDS OF THE O/W EMULSION TYPE  
AND CORRESPONDING DRILLING  
FLUIDS WITH IMPROVED  
ECOLOGICAL ACCEPTABILITY  
[54] UTILISATION D'ETHERS  
OLEOPHILES SELECTIONNES, DANS  
DES FLUIDES DE FORAGE A BASE  
D'EAU DE TYPE EMULSION HUILE-  
EAU; FLUIDES DE FORAGE AINSI  
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[72] HEROLD, CLAUS-PETER, DE  
[72] VON TAPAVICZA, STEPHAN, DE  
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[87] (199014400)  
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[51] Int.Cl. 5C08L 1/26 5C08L 5/00  
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MIXTURES  
[54] METHODE DE PREPARATION DE  
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**CONTROLLING RICE COOKING**  
**CHARACTERISTICS**  
**[54] METHODE DE MOUTURE**  
**DESTINEE AU CONTROLE DES**  
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 [13] C

[51] Int.Cl. 5G01S 5/02  
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**EMPLOYING GLOBAL POSITIONING**  
**SYSTEM (GPS) SATELLITES**  
**[54] SYSTEME DE POURSUITE DE**  
**VEHICULES, UTILISANT DES**  
**SATELLITES DE POSITIONNEMENT**  
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 [73] NAVSYS CORPORATION, US  
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**[54] DISPOSITIF D'ALIMENTATION**  
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 [25] EN  
**[54] ESTERASE GENES, ESTERASE,**  
**RECOMBINANT PLASMIDS AND**  
**TRANSFORMANTS CONTAINING THE**  
**RECOMBINANT PLASMID AND**  
**METHODS OF PRODUCING**  
**OPTICALLY ACTIVE CARBOXYLIC**  
**ACIDS AND THEIR ENANTIOMERIC**  
**ESTERS USING SAID**  
**TRANSFORMANTS**  
**[54] GENES DE TYPE ESTERASE,**  
**ESTERASE, PLASMIDES**  
**RECOMBINANTS ET**  
**TRANSFORMANTS CONTENANT LES**  
**PLASMIDES RECOMBINANTS ET**  
**METHODES POUR LA PRODUCTION**  
**D'ACIDES CARBOXYLIQUES**  
**OPTIQUEMENT ACTIFS ET DE LEURS**  
**ESTERS ENANTIOMERIQUES A**  
**L'AIDE DE CES TRANSFORMANTS**  
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[51] Int.Cl. 5C08F 4/52 5C08F 2/00 5C08F  
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**POLYMERIZATION CATALYST BY**  
**ABSTRACTION WITH LEWIS ACIDS**  
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**[54] VACCINS A BASE**  
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[51] Int.Cl. 5C08G 18/08  
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**PREPARATION OF THERMOPLASTIC**  
**POLYURETHANE ELASTOMERS**  
**[54] PROCEDE D'OBTENTION**  
**D'ELASTOMERES**  
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**POLYURETHANE**  
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 [22] 1992-06-30  
 [30] DE (P 41 21 785.3) 1991-07-02

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16 décembre 2003

[11] 2,073,536  
[13] C

[51] Int.Cl. 5G02C 7/04 5G02C 7/06  
[25] EN  
[54] SEGMENTED MULTIFOCAL CONTACT LENS AND METHOD OF MANUFACTURE  
[54] VERRE DE CONTACT A FOYER PROGRESSIF SEGMENTÉ ET MÉTHODE DE FABRICATION  
[72] ROFFMAN, JEFFREY H., US  
[72] MENEZES, EDGAR, US  
[72] LABELLE, ROBERT, US  
[72] SCRIVENER, JOHN, US  
[73] JOHNSON & JOHNSON VISION PRODUCTS, INC., US  
[22] 1992-07-09  
[30] US (728,903) 1991-07-10

[11] 2,074,495  
[13] C

[51] Int.Cl. 5A61K 9/12 5A61K 9/72  
[25] EN  
[54] PROPELLANT COMPOSITIONS  
[54] MELANGES PROPULSIFS  
[72] STEELE, GERALD, GB  
[72] SOMANI, ASIT, GB  
[72] LIM, JOSEPH GEOK PAAN, GB  
[73] FISONS LIMITED, GB  
[85] 1992-07-23  
[86] 1991-01-30 (GB1991000133)  
[87] (1991011173)  
[30] GB (90/02351) 1990-02-02  
[30] GB (90/23655) 1990-10-31  
[30] GB (90/26476) 1990-12-05

[11] 2,074,764  
[13] C

[51] Int.Cl. 5B29D 23/22  
[25] EN  
[54] CONTINUOUS TUBULAR STRUCTURE FORMING AND PLACING APPARATUS AND METHOD  
[54] MÉTHODE ET APPAREIL DE FORMAGE ET MISE EN PLACE DE STRUCTURE TUBULAIRE CONTINUE  
[72] PAYNE, LEROY, US  
[73] PAYNE, LEROY, US  
[22] 1992-07-28  
[30] US (753344) 1991-08-30

[11] 2,079,148  
[13] C

[51] Int.Cl. 5B23B 5/00  
[25] EN  
[54] LATHE FOR GENERATING OPHTHALMIC PRODUCTS FROM BLANKS, AND A METHOD OF OPERATING THE LATHE  
[54] TOUR POUR LA FABRICATION DE PRODUITS OPHTALMIQUES A PARTIR D'EBAUCHES ET MODE DE MISE EN OEUVRE  
[72] BRENNAN, WILLIAM D., US  
[72] KULAN, STEPHEN, US  
[72] HYSLOP, RONALD T., US  
[72] ELLIS, JOHNNY, US  
[72] GREGORY, RAY, US  
[72] PENNER, LARRY, US  
[72] HAYS, JAMES K., US  
[73] COBURN OPTICAL INDUSTRIES, INC., US  
[22] 1992-09-25  
[30] US (766,394) 1991-09-27

[11] 2,080,193  
[13] C

[51] Int.Cl. 5C10L 1/30 5C10L 1/10 5C10L 1/18 5C10L 1/22  
[25] EN  
[54] UNLEADED AVIATION GASOLINE  
[54] ESSENCE AVIATION SANS PLOMB  
[72] HENDERSON, DOUGLAS HAROLD, US  
[73] ETHYL PETROLEUM ADDITIVES, INC., US  
[22] 1992-10-08  
[30] US (783,210) 1991-10-28

[11] 2,080,668  
[13] C

[51] Int.Cl. 5A61B 3/107 5A61B 3/103  
[25] EN  
[54] RECTILINEAR PHOTOKERATOSCOPE  
[54] PHOTOKERATOSCOPE RECTILIGNE  
[72] SHIMMICK, JOHN, US  
[72] MUNNERLYN, CHARLES R., US  
[73] VISX, INCORPORATED, US  
[22] 1992-10-15  
[30] US (786,650) 1991-11-01

[11] 2,086,351  
[13] C

[51] Int.Cl. 5A01N 63/00 5A01N 63/04  
[25] EN  
[54] COMBINED USE OF CHEMICALS AND MICROBIALS IN TERMITE CONTROL  
[54] UTILISATION COMBINEE DE PRODUITS CHIMIQUES ET MICROBIENS POUR LA LUTTE CONTRE LES TERMITES  
[72] ZECK, WALTER M., US  
[72] SIMONET, DONALD E., DE  
[72] PRICE, DAVID A., US  
[73] BAYER CORPORATION, US  
[22] 1992-12-29  
[30] US (07/818,326) 1992-01-09  
[30] US (07/929,034) 1992-08-12

[11] 2,086,652  
[13] C

[51] Int.Cl. 5C08G 18/76 5C08G 18/10  
[25] EN  
[54] LIQUID, LIGHT-COLORED POYLISOCYANATE MIXTURES AND A PROCESS FOR THEIR PRODUCTION  
[54] MELANGES LIQUIDES CLAIRS DE POLYISOCYANATES ET PROCEDE D'OBTENTION  
[72] GEBAUER, HERBERT, DE  
[72] GUPTA, PRAMOD, DE  
[72] HOPPE, MARTIN, DE  
[72] WIEDERMANN, ROLF, DE  
[73] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1993-01-04  
[30] DE (P 42 00 157.9) 1992-01-07

[11] 2,086,965  
[13] C

[51] Int.Cl. 5A23K 1/16  
[25] EN  
[54] PET CHEW PRODUCT HAVING ORAL CARE PROPERTIES  
[54] PRODUIT A MASTIQUER POUR ANIMAUX DOMESTIQUES SERVANT A L'HYGIENE ORALE  
[72] SIMONE, ALEXANDER J., US  
[72] HEFFERREN, JOHN J., US  
[72] HAND, MICHAEL S., US  
[72] HUBER, GORDON, US  
[73] COLGATE-PALMOLIVE COMPANY, US  
[22] 1993-01-08  
[30] US (7/822,241) 1992-01-17

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[11] **2,087,085**  
[13] C

[51] Int.Cl. 5C07C 229/22 5A61K 31/22  
[25] EN  
[54] ESTERS OF ACYL CARNITINES  
WITH LONG-CHAIN ALIPHATIC  
ALCOHOLS AND PHARMACEUTICAL  
COMPOSITIONS CONTAINING SAME  
HAVING ANTIBACTERIAL ACTIVITY  
[54] ESTERS D'ACYLCARNITINES  
AVEC DES ALCOOLS ALIPHATIQUES  
A LONGUE CHAINE ET  
COMPOSITIONS  
PHARMACEUTIQUES A ACTIVITE  
ANTIBACTERIENNE LES  
RENFERMANT  
[72] SANTANELLO, MOSE, IT  
[72] TINTI, MARIA ORNELLA, IT  
[72] MISITI, DOMENICO, IT  
[72] FORESTA, PIERO, IT  
[73] SIGMA-TAU INDUSTRIE  
FARMACEUTICHE RIUNITE S.P.A., IT  
[22] 1993-01-11  
[30] IT (RM 92 A 000027) 1992-01-16

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[11] **2,087,987**  
[13] C

[51] Int.Cl. 5D06M 11/50 5D06M 15/53  
[25] EN  
[54] A METHOD FOR THE  
TREATMENT OF WOOL  
[54] METHODE UTILISEE POUR  
TRAITER LA LAINE  
[72] HUDDLESTONE, KENNETH  
MICHAEL, GB  
[72] CONNELL, DAVID LONGLEY, GB  
[73] PRECISION PROCESSES TEXTILES,  
[85] 1992-12-23  
[86] 1991-06-26 (GB1991001038)  
[87] (1992000412)  
[30] GB (9014192.0) 1990-06-26

[11] **2,088,431**  
[13] C

[51] Int.Cl. 5C07C 255/50 5C07D 257/04  
5C07C 231/12 5C07C 253/30 5C07C 67/  
307 5C07C 51/363 5C07C 233/65 5C07C  
63/72 5C07C 69/76  
[25] EN  
[54] PROCESS FOR PRODUCING 4-  
BROMOMETHYLBIPHENYL  
COMPOUNDS  
[54] METHODE DE PREPARATION DE  
COMPOSES 4-  
BROMOMETHYLBIPHENYLIQUES  
[72] SUENAGA, SYUJI, JP  
[72] KAWAGUCHI, HITOSHI, JP  
[72] KATO, TAKESHI, JP  
[73] TAKEDA CHEMICAL INDUSTRIES,  
LTD., JP  
[22] 1993-01-29  
[30] JP (046078-1992) 1992-01-31  
[30] JP (324831-1992) 1992-11-09

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[11] **2,088,788**  
[13] C

[51] Int.Cl. 6C07K 7/06 5A61L 31/00  
6A61K 38/04 6C07K 5/08 6C07K 5/10  
[25] EN  
[54] PEPTIDES THAT BLOCK HUMAN  
IMMUNODEFICIENCY VIRUS  
INFECTIONS AND METHODS OF USE  
THEREOF  
[54] PEPTIDES ENTRAVANT LES  
INFECTIONS PAR LE VIRUS DE  
L'IMMUNODEFICIENCE HUMAINE  
ET METHODES D'UTILISATION  
CORRESPONDANTES  
[72] VAHLNE, ANDERS, SE  
[72] SVENNERHOLM, BO, SE  
[72] RYMO, LARS, SE  
[72] JEANSSON, STIG, SE  
[72] HORAL, PETER, SE  
[73] TRIPEP AB, SE  
[85] 1993-02-03  
[86] 1991-08-20 (SE199100544)  
[87] (1992003147)  
[30] US (571,080) 1990-08-22

[11] **2,091,855**  
[13] C

[51] Int.Cl. 5C07C 15/107 5C07C 303/04  
5C07C 309/31 5C07C 2/66  
[25] EN  
[54] BENZENE ALKYLATION  
PROCESS USING A FLUORIDED  
SILICA-ALUMINA AND A LINEAR C6  
TO C20 MONOOLEFIN  
[54] PROCEDE D'ALKYLATION DU  
BENZENE AU MOYEN DE SILICE-  
ALUMINE FLUOREE ET D'UNE  
OLEFINE LINEAIRE DE C6 A C20  
[72] KOCAL, JOSEPH A., US  
[73] UOP, US  
[22] 1993-03-17

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[11] **2,092,038**  
[13] C

[51] Int.Cl. 5C07H 21/00 5C07H 19/04  
[25] EN  
[54] PROCESS FOR THE  
PREPARATION OF NUCLEOSIDES  
[54] PROCEDE DE FABRICATION DE  
NUCLEOSIDES  
[72] BRILL, WOLFGANG K.-D., DE  
[73] NOVARTIS AG, CH  
[22] 1993-03-19  
[30] CH (906/92-3) 1992-03-23

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[11] **2,093,125**  
[13] C

[51] Int.Cl. 5A61K 31/435 5A61K 43/00  
5A61K 49/02  
[25] EN  
[54] ANGIOTENSIN II ANTAGONISTS  
[54] ANTAGONISTES DE  
L'ANGIOTENSINE II  
[72] DUDLEY, DAVID THOMAS, US  
[72] HODGES, JOHN COOKE, US  
[72] PUGSLEY, THOMAS ALBERT, US  
[72] TAYLOR, MICHAEL DOUGLAS, US  
[73] WARNER-LAMBERT COMPANY  
LLC, US  
[85] 1993-03-31  
[86] 1991-10-02 (US1991007253)  
[87] (1992005784)  
[30] US (591,928) 1990-10-02  
[30] US (760,585) 1991-09-19

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[11] **2,093,196**  
 [13] C

[51] Int.Cl. 5G01N 27/12  
 [25] EN  
 [54] ELECTRICAL SENSOR FOR SENSING MOISTURE IN SOILS  
 [54] CAPTEUR ELECTRIQUE POUR MESURER L'HUMIDITE DES SOLS  
 [72] HAWKINS, ALFRED J., US  
 [73] IRROMETER COMPANY, INC., US  
 [22] 1993-04-01  
 [30] US (07/866,915) 1992-04-10

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[11] **2,093,311**  
 [13] C

[51] Int.Cl. 5E01B 27/02  
 [25] EN  
 [54] BALLAST PLOUGH  
 [54] CHARRUE A BALLAST  
 [72] FELBER, HANNES, AT  
 [73] FRANZ PLASSER BAHNBAUMASCHINEN-INDUSTRIE GESELLSCHAFT M.B.H., AT  
 [22] 1993-04-02  
 [30] AT (A 1084/92) 1992-05-25

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[11] **2,094,597**  
 [13] C

[51] Int.Cl. 5A61L 29/00 5A61M 29/02  
 5A61M 25/10  
 [25] EN  
 [54] BALLOON FOR MEDICAL CATHETER  
 [54] BALLON POUR CATHETER  
 [72] SAHATJIAN, RONALD, US  
 [72] MADENJIAN, ARTHUR R., US  
 [73] BOSTON SCIENTIFIC CORPORATION, US  
 [85] 1993-05-06  
 [86] 1991-11-08 (US1991008374)  
 [87] (1992008512)  
 [30] US (612,073) 1990-11-09

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[11] **2,095,726**  
 [13] C

[51] Int.Cl. 5A23L 1/0534 5A23L 1/308  
 [25] EN  
 [54] A GEL-FORMING LIQUID DIETARY FIBRE COMPOSITION  
 [54] COMPOSITION LIQUIDE DE FIBRE POUR REGIME, FORMANT UN GEL  
 [72] TOMLIN, JANET, GB  
 [72] CARLSSON, ANDERS, SE  
 [72] BOGENTOFT, CONNY, SE  
 [73] PHARMACIA & UPJOHN AKTIEBOLAG, SE  
 [85] 1993-05-06  
 [86] 1991-10-30 (SE1991000730)  
 [87] (1992009212)  
 [30] SE (9003713-6) 1990-11-22

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[11] **2,096,604**  
 [13] C

[51] Int.Cl. 5C12N 15/57 5C12N 5/10  
 6A61K 38/48 5C12N 9/64  
 [25] EN  
 [54] PROTEIN C DERIVATIVES  
 [54] DERIVES DE PROTEINE C  
 [72] GERLITZ, BRUCE E., US  
 [72] GRINNELL, BRIAN W., US  
 [73] ELI LILLY AND COMPANY, US  
 [22] 1993-05-19  
 [30] US (07/887,191) 1992-05-21

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[11] **2,097,161**  
 [13] C

[51] Int.Cl. 5F04D 29/08  
 [25] EN  
 [54] POWER REGULATOR FOR A PRESSURE FLUID MOTOR  
 [54] REGULATEUR DE PUISSANCE POUR MOTEUR A FLUIDE SOUS PRESSION  
 [72] GEIGER, ROBERT E., US  
 [73] INGERSOLL-RAND COMPANY, US  
 [22] 1993-05-27  
 [30] US (07/899,521) 1992-06-16

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[11] **2,098,573**  
 [13] C

[51] Int.Cl. 5B65D 5/46 5B65D 71/28  
 [25] EN  
 [54] REINFORCED CARTON HANDLE  
 [54] POIGNEE DE CARTON RENFORCE  
 [72] DAWSON, RAYMOND LESLIE, US  
 [72] EWING, KENT EDWARD, US  
 [73] RIVERWOOD INTERNATIONAL CORPORATION, US  
 [85] 1993-06-16  
 [86] 1992-10-13 (US1992008738)  
 [87] (1993008086)  
 [30] US (777,843) 1991-10-16

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[11] **2,099,822**  
 [13] C

[51] Int.Cl. 5C07F 7/22 5C07D 257/04  
 5C07D 403/10  
 [25] EN  
 [54] TRI-HIGHER ALKYL TIN AZIDE AND ITS USE  
 [54] AZOTURE DE DERIVES TRIALKYLETAIN A CHAINES LONGUES ET SON UTILISATION  
 [72] KATO, TAKESHI, JP  
 [72] SHIDA, YASUSHI, JP  
 [73] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
 [22] 1993-07-05  
 [30] JP (178484-1992) 1992-07-06

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[11] **2,100,231**  
 [13] C

[51] Int.Cl. 5C08G 18/42 5C08J 9/12  
 5C08G 18/66  
 [25] EN  
 [54] PROCESS FOR THE PRODUCTION OF LOW-FOG FLEXIBLE POLYESTER POLYURETHANE FOAMS AND THEIR USE IN VEHICLES  
 [54] PROCEDE DESTINE A LA PRODUCTION DE MOUSSES SOUPLES DE POLYURETHANE POLYESTER A FAIBLE CONDENSATION  
 [72] NAUJOKS, MANFRED, DE  
 [72] KONIG, KLAUS, DE  
 [72] SCHMIDT, MANFRED, DE  
 [72] ILLGER, HANS-WALTER, DE  
 [72] BAATZ, GUNTER, DE  
 [72] RABE, HANSJURGEN, DE  
 [73] BAYER AKTIENGESELLSCHAFT, DE  
 [22] 1993-07-09  
 [30] DE (P 42 23 014.4) 1992-07-13

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[11] **2,100,436**  
 [13] C

[51] Int.Cl. 5G01N 27/06  
 [25] EN  
**METHODS AND CIRCUITS FOR MEASURING THE CONDUCTIVITY OF SOLUTIONS**  
**[54] METHODES ET CIRCUITS POUR MESURER LA CONDUCTIVITE DE SOLUTION**  
 [72] BLADES, FREDERICK K., US  
 [73] ANATEL CORPORATION, US  
 [22] 1993-07-13  
 [30] US (07/913,022) 1992-07-14

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[11] **2,103,363**  
 [13] C

[51] Int.Cl. 5B63B 21/66 5B66C 13/02  
 [25] FR  
**TREUIL POUR REMORQUAGE D'OBJETS IMMERGES**  
**[54] WINCH FOR TOWING SUBMERGED OBJECTS**  
 [72] WARAN, FRANCOIS, FR  
 [73] THOMSON-CSF, FR  
 [85] 1993-11-17  
 [86] 1992-04-30 (FR1992000389)  
 [87] (1992020607)  
 [30] FR (91/06110) 1991-05-21

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[11] **2,104,870**  
 [13] C

[51] Int.Cl. 5B32B 9/00 5B32B 33/00  
**5B32B 7/12**  
 [25] EN  
**LAMINATED PACKAGING MATERIAL**  
**[54] MATERIAU D'EMBALLAGE STRATIFIE**  
 [72] MARO, HIDEHARU, JP  
 [72] KODAIRA, HIDEKI, JP  
 [72] IWASE, HIROSHI, JP  
 [72] KOMIYA, YUJI, JP  
 [73] TOPPAN PRINTING CO., LTD., JP  
 [85] 1993-08-25  
 [86] 1992-12-28 (JP1992001722)  
 [87] (1993012932)  
 [30] JP (3-358827) 1991-12-28  
 [30] JP (4-143199) 1992-05-07  
 [30] JP (4-143603) 1992-05-08

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[11] **2,105,026**  
 [13] C

[51] Int.Cl. 5D04H 1/58 5A61F 13/15  
 [25] EN  
**SHAPED NONWOVEN FABRIC AND METHOD FOR MAKING THE SAME**  
**[54] NON-TISSE FORME ET SA METHODE DE FABRICATION**  
 [72] GRIESBACH, HENRY LOUIS III, US  
 [72] PIKE, RICHARD DANIEL, US  
 [72] GWALTNEY, SHARON WATKINS, US  
 [72] LEVY, RUTH LISA, US  
 [72] SAWYER, LAWRENCE HOWELL, US  
 [72] SHANE, RICHARD MACFERRAN, US  
 [72] SASSE, PHILIP ANTHONY, US  
 [73] KIMBERLY-CLARK WORLDWIDE, INC., US  
 [22] 1993-08-27  
 [30] US (055,449) 1993-04-29

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[11] **2,107,744**  
 [13] C

[51] Int.Cl. 5A47K 5/06  
 [25] EN  
**DUAL DISPENSER**  
**[54] APPAREIL DISTRIBUTEUR DOUBLE**  
 [72] BROWN, DOUGLAS S., US  
 [72] SCHERGER, DAVID F., US  
 [72] HEILMAN, GEORGE C., US  
 [72] BROWN, ROBERT B., US  
 [73] FRESH PRODUCTS, INC., US  
 [22] 1993-10-05  
 [30] US (08/024,448) 1993-03-01

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[11] **2,108,388**  
 [13] C

[51] Int.Cl. 5E21B 7/00 5E21B 47/02  
 [25] EN  
**DOWNHOLE TOOL**  
**[54] OUTIL DE FOND**  
 [72] INNES, FRANK A. S., GB  
 [73] HALLIBURTON COMPANY, US  
 [22] 1993-10-14  
 [30] GB (9221563.1) 1992-10-14  
 [30] US (012489) 1993-02-02

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[11] **2,108,938**  
 [13] C

[51] Int.Cl. 5C08G 73/22 5C08L 79/04  
 [25] EN  
**BLOCK COPOLYMERS CONTAINING BLOCKS OF POLYBENZAZOLE POLYMER AND BLOCKS OF POLYBENZOXAZINONE POLYMER OR POLYOXADIAZOLE POLYMER**  
**[54] COPOLYMERES SEQUENCES QUI CONTIENNENT DES BLOCS DE POLYMERES DU TYPE POLYBENZAZOLE ET DES BLOCS DE POLYMERES DU TYPE POLYBENZOXAZINONE OU DU TYPE POLYOXADIAZOLE**  
 [72] HARRIS, WILLIAM J., US  
 [73] TOYOB0 CO., LTD., JP  
 [22] 1993-10-21  
 [30] US (07/965,112) 1992-10-22

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[11] **2,109,564**  
 [13] C

[51] Int.Cl. 5A61L 15/12  
 [25] EN  
**A MATERIAL AND SPLINT FOR ORTHOPAEDICAL, SURGICAL AND VETERINARY USE**  
**[54] MATERIAU ET ATTELLE AYANT DES APPLICATIONS ORTHOPEDIQUES, CHIRURGICALES ET VETERINAIRES**  
 [72] PONNET, TOM PAUL MARTHE GHISLAIN, BE  
 [73] PONNET, TOM PAUL MARTHE GHISLAIN, BE  
 [85] 1993-11-19  
 [86] 1992-06-16 (EP1992001368)  
 [87] (1993000117)  
 [30] NL (9101082) 1991-06-24

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[11] **2,109,709**  
 [13] C

[51] Int.Cl. 5F17C 1/02 5B29C 67/14  
 [25] EN  
**GLASS-FIBRE-REINFORCED PLASTIC CONTAINER, METHOD AND APPARATUS FOR MANUFACTURING SUCH CONTAINER**  
**[54] RESERVOIR EN MATIERE PLASTIQUE REFORCEE DE FIBRE DE VERRE, METHODE ET APPAREIL DE FABRICATION**  
 [72] BERGLUND, KURT, SE  
 [73] COMPOSITE SCANDINAVIA AB, SE  
 [85] 1993-11-22  
 [86] 1992-05-22 (SE1992000347)  
 [87] (1992020954)  
 [30] SE (9101584-2) 1991-05-24

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[11] 2,110,331  
[13] C

[51] Int.Cl. 5B01J 20/22 5A61K 7/00  
5C09K 3/00 5A23L 1/09 5A61K 9/14  
[25] EN  
[54] DESICCANT, DEHYDRATION  
THEREWITH, AND DEHYDRATED  
PRODUCT OBTAINABLE THEREBY  
[54] DESSECHANT,  
DESHYDRATATION UTILISANT LE  
DESSECHANT, ET PRODUIT  
DESHYDRATE AINSI OBTENU  
[72] MANDAI, TAKAHICO, JP  
[72] SHIBUYA, TAKASHI, JP  
[72] SUGIMOTO, TOSHIYUKI, JP  
[72] MIYAKE, TOSHIO, JP  
[73] KABUSHIKI KAISHA  
HAYASHIBARA SEIBUTSU KAGAKU  
KENKYUJO, JP  
[22] 1993-11-30  
[30] JP (356600/1992) 1992-12-02

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[11] 2,113,894  
[13] C

[51] Int.Cl. 5C07H 15/26 5C07H 23/00  
[25] EN  
[54] A PROCESS FOR THE  
PREPARATION OF  
DEMETHYLEPYPODOPHYLLOTOXIN  
[54] PROCEDE DE PREPARATION DE  
DEMETHYLEPYPODOPHYLLOTOXIN  
E  
[72] ALLEVI, PIETRO, IT  
[72] ANASTASIA, MARIO, IT  
[72] BIGATTI, ETTORE, IT  
[72] MACDONALD, PETER, IT  
[73] SICOR SOCIETA ITALIANA  
CORTICOSTEROIDI S.P.A., IT  
[85] 1994-01-20  
[86] 1992-07-15 (EP1992001605)  
[87] (1993002094)  
[30] IT (MI91A002025) 1991-07-23

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[11] 2,114,147  
[13] C

[51] Int.Cl. 5D04H 1/56  
[25] EN  
[54] FILM MATERIALS BASED ON  
MULTI-LAYER BLOWN  
MICROFIBERS  
[54] PELLICULES A BASE DE  
MICROFIBRES SOUFFLEES EN  
COUCHES MULTIPLES  
[72] JOSEPH, EUGENE G., US  
[72] RUSTAD, JAMES A., US  
[73] MINNESOTA MINING AND  
MANUFACTURING COMPANY, US  
[85] 1994-01-24  
[86] 1992-08-11 (US1992006672)  
[87] (1993007319)  
[30] US (07/768,174) 1991-09-30

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[11] 2,114,319  
[13] C

[51] Int.Cl. 5G01N 21/47 5G01N 21/84  
[25] EN  
[54] WINDOW MOUNTED OPTICAL  
MOISTURE SENSOR HAVING LIGHT  
PIPES WITH DISTAL ENDS  
[54] CAPTEUR D'HUMIDITE OPTIQUE  
POUR MONTAGE SUR UN PARE-BRISE  
[72] PURVIS, MICHAEL B., US  
[72] TEDER, REIN S., US  
[73] LIBBEY-OWENS-FORD CO., US  
[85] 1994-01-26  
[86] 1993-05-17 (US1993004626)  
[87] (1993024950)  
[30] US (889,527) 1992-05-27

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[11] 2,117,076  
[13] C

[51] Int.Cl. 5B01F 7/00 5D21C 9/10  
[25] EN  
[54] A METHOD AND DEVICE FOR  
TREATING FIBRE MATERIAL  
[54] METHODE ET DISPOSITIF POUR  
TRAITER LES FIBRES  
[72] FORSLUND, KJELL, SE  
[72] FREDRIKSSON, BORJE, SE  
[73] VALMET FIBERTECH  
AKTIEBOLAG, SE  
[85] 1994-03-04  
[86] 1992-08-19 (SE1992000557)  
[87] (1993004772)  
[30] SE (9102551-0) 1991-09-05

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[11] 2,119,020  
[13] C

[51] Int.Cl. 5C07D 213/69 5A61K 31/44  
[25] EN  
[54] 3-HYDROXYPYRIDIN-4-ONE  
DERIVATIVES AS CHELATING  
AGENTS  
[54] DERIVES DE LA 3-  
HYDROXYPYRIDINE-4-ONE UTILISES  
COMME CHELATEURS  
[72] HIDER, ROBERT CHARLES, GB  
[72] SINGH, SURINDER, GB  
[72] TILBROOK, GARY STUART, GB  
[72] DOBBIN, PAUL SAMUEL, GB  
[73] BTG INTERNATIONAL LIMITED,  
GB  
[85] 1994-03-14  
[86] 1993-05-18 (GB1993001007)  
[87] (1994004498)  
[30] GB (9217099.2) 1992-08-12

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[11] 2,119,456  
[13] C

[51] Int.Cl. 5A61G 7/00 5G01G 21/23  
[25] EN  
[54] LOAD CELL MOUNT FOR  
HOSPITAL WEIGH BED  
[54] MONTAGE DE CELLULE DE  
CHARGE POUR LIT D'HOPITAL DE  
PESEE  
[72] CARRUTH, W. LAYNE, US  
[72] SOLTANI, SOHRAB, US  
[72] JONES, WARREN P., US  
[73] HILL-ROOM SERVICES, INC., US  
[85] 1994-03-18  
[86] 1992-09-30 (US1992008329)  
[87] (1993006807)  
[30] US (770,908) 1991-10-04

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[11] 2,119,581  
[13] C

[51] Int.Cl. 5C03C 17/23 5C03C 17/22  
5C03C 17/245  
[25] EN  
[54] FIRE RESISTANT GLASS  
[54] VERRE REFRACTAIRE  
[72] COLLINS, BRIAN J., GB  
[72] HINETT, GRAHAM B., GB  
[72] HAYDEN, MICHAEL W., GB  
[72] CLARGES, MARTIN E., GB  
[73] CARADON EVEREST LIMITED, GB  
[85] 1994-03-21  
[86] 1992-10-12 (GB1992001858)  
[87] (1993007099)  
[30] GB (9121581.4) 1991-10-11

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[11] **2,119,691**  
[13] C

- [51] Int.Cl. 5D02G 1/00  
[25] EN  
[54] FIBRE WEB  
[54] VOILE  
[72] BARTHOLOMEW, ALAN JOHN, GB  
[72] PROBERT, PAUL LAWRENCE, GB  
[72] RICHARDSON, MICHAEL, GB  
[72] WILKES, ANDREW GEORGE, GB  
[73] ACORDIS KELHEIM GMBH, DE  
[22] 1994-03-23  
[30] GB (9306074.7) 1993-03-24
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[11] **2,119,786**  
[13] C

- [51] Int.Cl. 5A61F 2/24  
[25] EN  
[54] CARDIAC VALVE  
[54] VALVE CARDIAQUE  
[72] DEAC, RADU, US  
[73] 3F THERAPEUTICS, INC., US  
[85] 1993-11-15  
[86] 1992-05-15 (US1992004137)  
[87] (1992020303)  
[30] US (701,099) 1991-05-16
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[11] **2,120,349**  
[13] C

- [51] Int.Cl. 5A23L 1/308  
[25] EN  
[54] EDIBLE FIBER-CONTAINING  
PRODUCT AND METHOD FOR  
MAKING THE SAME  
[54] PRODUIT FIBREUX COMESTIBLE  
ET METHODE POUR SA  
FABRICATION  
[72] DEVINE, DENISE L., US  
[72] KATZ, SHEILA MORIBER, US  
[72] SALMON, PETER M., US  
[72] SWEET, M. LYNNE, US  
[73] NUTRIPHARM, INC., US  
[85] 1994-03-30  
[86] 1992-09-30 (US1992008372)  
[87] (1993006745)  
[30] US (07/769,412) 1991-10-01
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[11] **2,120,717**  
[13] C

- [51] Int.Cl. 5H03H 17/02 5H04N 7/01  
[25] EN  
[54] DIGITAL SAMPLE RATE  
CONVERSION  
[54] CONVERSION DE DEBIT  
D'ECHANTILLON NUMERIQUE  
[72] LYON, DAVID, GB  
[73] SNELL & WILCOX LIMITED, GB  
[85] 1994-04-06  
[86] 1992-10-09 (GB1992001846)  
[87] (1993007712)  
[30] GB (9121504.6) 1991-10-10
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[11] **2,122,633**  
[13] C

- [51] Int.Cl. 5C07D 213/36 5C07D 401/06  
5C07D 405/06 5C07D 409/06 5C07D 237/  
08 5C07D 231/12 5C07D 241/12 5C07D  
239/26 5A61K 31/415 5A61K 31/44 5A61K  
31/495 5C07D 233/64  
[25] EN  
[54] 2-HETEROCYCLICETHYLAMINE  
DERIVATIVES AND THEIR USE AS  
PHARMACEUTICALS  
[54] DERIVES DE LA 2-ETHYLAMINE  
A HETEROCYCLES ET LEUR  
APPLICATION PHARMACEUTIQUE  
[72] GRIFFITH, RONALD CONRAD, US  
[72] MURRAY, ROBERT JOHN, US  
[72] SCHMIESING, RICHARD JOHN, US  
[73] ASTRA AB, SE  
[85] 1994-04-29  
[86] 1992-10-28 (GB1992001971)  
[87] (1993009095)  
[30] US (785,590) 1991-10-30
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[11] **2,123,862**  
[13] C

- [51] Int.Cl. 5A47L 9/24  
[25] EN  
[54] HOSE CONNECTOR FOR A  
VACUUM  
[54] RACCORD POUR TUYAU  
D'ASPIRATEUR  
[72] BERFIELD, ROBERT C., US  
[73] SHOP VAC CORPORATION, US  
[22] 1994-05-18  
[30] US (08/132,389) 1993-10-06
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[11] **2,124,345**  
[13] C

- [51] Int.Cl. 5G01N 27/26 5G01N 1/18  
5G01N 27/447  
[25] EN  
[54] GEL ELECTROPHORESIS  
SAMPLE APPLICATOR/RETRIEVER  
[54] APPLICATEUR/EXTRACTEUR  
D'ECHANTILLONS REALISES PAR  
ELECTROPHORESE EN GEL  
[72] GOMBOCZ, ERICH, US  
[72] DWIGHT, MARK, US  
[72] RAMMLER, DAVID H., US  
[73] LABINTELLIGENCE, INC., US  
[85] 1994-05-25  
[86] 1993-08-26 (US1993008012)  
[87] (1994008234)  
[30] US (07/954,911) 1992-09-30
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[11] **2,124,578**  
[13] C

- [51] Int.Cl. 5C07C 31/02 5A61K 31/045  
5C07C 29/78  
[25] EN  
[54] A MIXTURE OF HIGHER  
PRIMARY ALIPHATIC ALCOHOLS,  
ITS OBTENTION FROM SUGAR CANE  
WAX AND ITS PHARMACEUTICAL  
USES  
[54] MELANGE D'ALCOOLS  
ALIPHATIQUES PRIMAIRE A  
CHAINE LONGUE, SON OBTENTION A  
PARTIR DE CIRE DE CANNE A SUCRE  
ET SON UTILISATION EN  
PHARMACEUTIQUE  
[72] LAGUNA GRANJA, ABILIO, CU  
[72] MAGRANER HERNANDEZ, JUAN,  
CU  
[72] CARBAJAL QUINTANA, DAISY, CU  
[72] ARRUAZABALA VALMANA,  
LOURDES, CU  
[72] MAS FERREIRO, ROSA, CU  
[72] GARCIA MESA, MILAGROS, CU  
[73] LABORATORIES DALMER SA, CU  
[73] ADANIFER S.A., CH  
[85] 1994-05-27  
[86] 1993-02-25 (EP1993000007)  
[87] (1994007830)  
[30] CU (107/92) 1992-09-29

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[11] **2,125,346**  
[13] C

[51] Int.Cl. 5C07C 209/26 5C07C 213/00  
5C07C 211/03 5C07C 227/08 5C07C 229/  
08 5C07C 211/27 5C07D 207/335 5C07D  
213/38 5C07C 217/58 5C07D 317/58  
[25] EN  
[54] PROCESS FOR PREPARING  
PRIMARY AMINES FROM  
ALDEHYDES  
[54] PROCEDE POUR LA  
PREPARATION D'AMINES  
PRIMAIRES A PARTIR D'ALDEHYDES  
[72] KOS, CARLO, AT  
[72] HEBESBERGER, FRIEDRICH, AT  
[72] ARTNER, EDUARD, AT  
[72] KLOIMSTEIN, ENGELBERT, AT  
[72] HAAR, ROBERT, AT  
[72] LUST, ERNST, AT  
[73] CARLO KOS, AT  
[22] 1994-06-07  
[30] AT (A 1100/93) 1993-06-07

[11] **2,125,972**  
[13] C

[51] Int.Cl. 5B65D 8/18  
[25] EN  
[54] REFILLING CONTAINER  
[54] CONTENANT DE REMPLISSAGE  
[72] NAKAZATO, SHINSAKU, JP  
[72] YOKOYAMA, TOSHIYUKI, JP  
[73] YOSHINO KOGYOSHO CO., LTD., JP  
[85] 1994-06-15  
[86] 1993-10-14 (JP1993001479)  
[87] (1994008860)  
[30] JP (4-78553) 1992-10-16  
[30] JP (4-334719) 1992-12-15  
[30] JP (4-334720) 1992-12-15  
[30] JP (4-86019) 1992-12-15  
[30] JP (4-86020) 1992-12-15  
[30] JP (4-86021) 1992-12-15  
[30] JP (4-86022) 1992-12-15  
[30] JP (4-86023) 1992-12-15  
[30] JP (5-60749) 1993-03-19  
[30] JP (5-28312) 1993-05-28  
[30] JP (5-28313) 1993-05-28

[11] **2,126,606**  
[13] C

[51] Int.Cl. 5G01V 5/10  
[25] EN  
[54] PULSED NEUTRON DECAY TOOL  
FOR MEASURING GAMMA  
RADIATION ENERGY SPECTRA FOR  
FAST NEUTRON INELASTIC  
COLLISIONS AND THERMAL  
NEUTRON CAPTURE EVENTS  
[54] APPAREIL MESURANT LA DUREE  
DE VIE DE NEUTRONS PULSES POUR  
DETERMINER LE SPECTRE  
ENERGETIQUE DE RAYONS GAMMA  
EMIS DANS DES COLLISIONS  
INELASTIQUES DE NEUTRONS  
RAPIDES ET DES CAPTURES DE  
NEUTRONS THERMIQUES  
[72] ODOM, RICHARD C., US  
[73] COMPUTALOG U.S.A., INC., US  
[22] 1994-06-23  
[30] US (144,304) 1993-10-28

[11] **2,127,577**  
[13] C

[51] Int.Cl. 5E04C 5/07 5D06M 23/00  
[25] EN  
[54] OPEN GRID FABRIC FOR  
REINFORCING WALL SYSTEMS,  
WALL SEGMENT PRODUCT AND  
METHODS OF MAKING SAME  
[54] TOILE A CLAIRE-VOIE POUR  
RENFORCER DES PAROIS MURALES,  
PRODUIT REALISE ET METHODE DE  
FABRICATION  
[72] PORTER, JOHN FREDERICK, CA  
[72] KITTS, MARK, CA  
[72] TUCKER, MARK, CA  
[72] FERRIS, LARRY, CA  
[72] LEPAGE, STEVE, CA  
[73] BAY MILLS LIMITED, CA  
[22] 1994-07-07  
[30] US (08/087,263) 1993-07-08

[11] **2,127,723**  
[13] C

[51] Int.Cl. 5A63B 27/00 5E06C 7/00  
[25] EN  
[54] GRIPPING DEVICE FOR TIMBER  
[54] DISPOSITIF PREHENSEUR DE  
GRUMES  
[72] NICKEL, DONALD C., CA  
[73] NICKEL, DONALD C., CA  
[22] 1994-07-05  
[30] US (08/092,053) 1993-07-15  
[30] US (08/243,924) 1994-05-17

[11] **2,127,899**  
[13] C

[51] Int.Cl. 5G01N 33/49 5C12Q 1/56  
5G01N 33/86  
[25] EN  
[54] METHOD AND APPARATUS FOR  
DETERMINING PLATELET  
FUNCTION IN PRIMARY  
HEMOSTASIS  
[54] METHODE ET DISPOSITIF DE  
DETERMINATION DE LA FONCTION  
PLAQUETTAIRE DANS  
L'HEMOSTASE PRIMAIRE  
[72] VARON, DAVID, IL  
[72] SAVION, NAFTALI, IL  
[73] VARON, DAVID, IL  
[73] RAMOT-UNIVERSITY AUTHORITY  
FOR APPLIED RESEARCH AND  
INDUSTRIAL DEVELOPMENT LTD., IL  
[22] 1994-07-13  
[30] IL (106330) 1993-07-14

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[11] **2,128,409**  
[13] C

[51] Int.Cl. 5C09D 5/44 5C08L 63/00  
5C25D 13/06  
[25] EN  
[54] METHOD OF COATING ELECTRICALLY CONDUCTIVE, SUBSTRATES, AQUEOUS ELECTRODIP PAINTS, PROCESS FOR THE PREPARATION OF AN AQUEOUS DISPERSION OF CROSSLINKED POLYMER MICROPARTICLES AND DISPERSIONS PREPARED BY THIS PROCESS  
[54] METHODE DE REVETEMENT DE SUBSTRATS CONDUCTEURS EN LES PLONGEANT DANS DES PEINTURES ELECTROLYTIQUES AQUEUSES, PROCEDE POUR PREPARER UNE DISPERSION AQUEUSE DE MICROPARTICULES POLYMERIQUES RETICULEES ET DISPERSIONS PREPAREES A L'AIDE DE CE PROCEDE  
[72] OTT, GUNTHER, DE  
[72] REUTER, HARDY, DE  
[72] JOUCK, WALTER, DE  
[72] PIONTEK, SUSANNE, DE  
[72] HEIMANN, ULRICH, DE  
[72] GILBERT, JOHN A., US  
[73] BASF COATINGS AKTIENGESELLSCHAFT, DE  
[85] 1994-07-19  
[86] 1993-02-08 (EP1993000291)  
[87] (1993016139)  
[30] DE (P 42 04 581.9) 1992-02-15

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[11] **2,129,859**  
[13] C

[51] Int.Cl. 5C09C 1/64 5C09D 7/12  
5C09D 5/38  
[25] EN  
[54] ALUMINUM FLAKE PIGMENT TREATED WITH TIME RELEASE CORROSION INHIBITING COMPOUNDS AND COATINGS CONTAINING THE SAME  
[54] PIGMENTS LAMELLAIRES D'ALUMINIUM TRAITES AVEC DES COMPOSES INHIBITEURS DE CORROSION TEMPORISES ET REVETEMENTS CONTENANT LESDITS PIGMENTS  
[72] BEMER, LYNNE G., US  
[72] CARPENTER, CLINT W., US  
[72] DEPUE, JEFFREY S., US  
[73] BASF CORPORATION, US  
[22] 1994-08-10  
[30] US (08/114,718) 1993-08-31

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[11] **2,131,012**  
[13] C

[51] Int.Cl. 5C08F 297/04 5C09J 153/02  
[25] EN  
[54] STYRENE-ISOPRENE THREE-ARMED HIGH LOAD BEARING CAPACITY BLOCK COPOLYMER COMPOSITION FOR ADHESIVES  
[54] COMPOSITION POUR ADHESIFS DE COPOLYMER BLOQUE DE TYPE STYRENE-ISOPRENE A 3 RAMIFICATIONS ET RESISTANT AUX FORTES CHARGES  
[72] TALBOTT, RICHARD L., US  
[72] CHIN, STEVEN S., US  
[72] ST. CLAIR, DAVID J., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 1994-08-26  
[86] 1993-02-24 (US1993001654)  
[87] (1993017058)  
[30] US (07/843,844) 1992-02-28

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[11] **2,132,492**  
[13] C

[51] Int.Cl. 5F16L 55/165  
[25] EN  
[54] LINER PIPE FOR REPAIR OF A HOST PIPE  
[54] TUYAU-CHEMISE POUR LA REPARATION D'UN TUYAU PRINCIPAL  
[72] GONCALVES, JOSEPH E. F., CA  
[73] IPEX INC., CA  
[22] 1994-09-20

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[11] **2,133,971**  
[13] C

[51] Int.Cl. 5C07C 19/08 5C07C 17/26  
[25] EN  
[54] A PROCESS OF PREPARING HEXAFLUOROBUTANE  
[54] PROCEDE DE PREPARATION D'HEXAFLUOROBUTANE  
[72] BIELEFELDT, DIETMAR, DE  
[72] MARHOLD, ALBRECHT, DE  
[73] BAYER AKTIENGESELLSCHAFT, DE  
[85] 1994-10-20  
[86] 1993-05-03 (EP1993001073)  
[87] (1993023354)  
[30] DE (P 42 15 876.1) 1992-05-14

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[11] **2,133,973**  
[13] C

[51] Int.Cl. 5G02B 6/38  
[25] EN  
[54] ADHESIVELESS CONNECTOR FOR OPTICAL FIBERS  
[54] CONNECTEUR SANS ADHESIF, A L'INTENTION DES FIBRES OPTIQUES  
[72] HENSON, GORDON D., US  
[72] LEE, NICHOLAS A., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1994-10-20  
[86] 1993-03-23 (US1993002641)  
[87] (1993021547)  
[30] US (07/871,399) 1992-04-21

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[11] **2,134,751**  
[13] C

[51] Int.Cl. 5C12P 21/08 6C07K 1/22  
5A61K 39/395 6C07K 16/42 5G01N 33/569  
5G01N 33/574 5G01N 33/577  
[25] EN  
[54] MONOClonal antibodies and their use  
[54] ANTICORPS MONOCLONAUX ET LEUR UTILISATION  
[72] ECKERT, HELMUT, CH  
[72] JAKSCHE, HERBERT, AT  
[72] JANZEK, EVELYNE, AT  
[72] LOIBNER, HANS, AT  
[72] SCHOLZ, DIETER, AT  
[73] NOVARTIS AG, CH  
[85] 1994-10-31  
[86] 1993-05-14 (EP1993001215)  
[87] (1993024647)  
[30] GB (9210930.5) 1992-05-22  
[30] GB (9210929.7) 1992-05-22  
[30] GB (9210944.6) 1992-05-22

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[11] **2,136,098**  
[13] C

[51] Int.Cl. 5B22F 1/00 5C22C 33/02  
[25] EN  
[54] PARTICULATE CAF2 AND BAF2 AGENT FOR IMPROVING THE MACHINABILITY OF SINTERED IRON-BASED POWDER  
[54] AGENT PARTICULAIRE A BASE DE CAF2 ET DE BAF2 AUGMENTANT LA MACHINABILITE D'UNE POUDRE FRITTEE A BASE DE FER  
[72] ANDERSSON, OWE, SE  
[73] HOGANAS AB, SE  
[85] 1994-11-17  
[86] 1993-05-27 (SE1993000469)  
[87] (1993024261)  
[30] SE (9201678-1) 1992-05-27

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[11] **2,139,631**  
[13] C  
[51] Int.Cl. 6C08L 75/04 6C08J 9/14  
[25] EN  
[54] A PROCESS FOR THE PRODUCTION OF RIGID FOAMS CONTAINING URETHANE GROUPS AND PREDOMINANTLY ISOCYANURATE GROUPS  
[54] PROCEDE POUR LA PRODUCTION DE MOUSSES RIGIDES CONTENANT DES GROUPES URETHANE ET PRINCIPALEMENT DES GROUPES ISOCYANURATE  
[72] WIEDERMANN, ROLF, DE  
[72] WENDEL, STEPHAN, DE  
[72] SCHMITZ, WOLFGANG, DE  
[73] BAYER AKTIENGESELLSCHAFT, DE  
[85] 1995-01-05  
[86] 1993-06-28 (EP1993001651)  
[87] (1994001479)  
[30] DE (P 42 22 519.1) 1992-07-09

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[11] **2,143,658**  
[13] C  
[51] Int.Cl. 6B07B 1/34 6B07B 1/42  
[25] EN  
[54] INCREASING THE RELATIVE MOTION OF A SCREEN DECK  
[54] ACCROISSEMENT DU MOUVEMENT RELATIF D'UNE SURFACE CRIBLANTE  
[72] LOWER, WILLIAM E., US  
[72] MITCHELL, STEPHEN C., US  
[73] ROTEX, INC., US  
[85] 1995-02-28  
[86] 1993-10-05 (US1993009562)  
[87] (1994008733)  
[30] US (961,430) 1992-10-15

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[11] **2,144,618**  
[13] C  
[51] Int.Cl. 6G01P 3/54 6B63B 49/00  
[25] EN  
[54] SPEED INDICATOR FOR MARINE VEHICLES  
[54] INDICATEUR DE VITESSE POUR VEHICULES MARINS  
[72] CALLIHOO, BRIAN, CA  
[73] CALLIHOO, BRIAN, CA  
[22] 1995-03-14  
[30] US (08/213,091) 1994-03-15

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[11] **2,144,766**  
[13] C  
[51] Int.Cl. 6G01N 27/02  
[25] EN  
[54] DETERMINATION OF THE EXTENT OF CROSS-LINKING PRIOR TO THE INTENTIONAL CURING OF POLYMERS  
[54] METHODE POUR DETERMINER L'ETENDUE DE LA RETICULATION AVANT DE PASSER A LA RETICULATION PROPREMENT DITE DE POLYMERES  
[72] STRONG, A. BRENT, US  
[72] MERRELL, R. SCOTT, US  
[72] LUNT, BARRY M., US  
[73] BRIGHAM YOUNG UNIVERSITY, US  
[85] 1995-03-15  
[86] 1993-09-20 (US1993008813)  
[87] (1994007128)  
[30] US (07/948,008) 1992-09-22

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[11] **2,146,708**  
[13] C  
[51] Int.Cl. 6C07C 237/22 6C07C 231/02  
[25] EN  
[54] PROCESS FOR PRODUCING GLUTAMINE DERIVATIVE  
[54] METHODE DE PREPARATION DE DERIVES DE LA GLUTAMINE  
[72] AMATSU, KAZUMI, JP  
[72] YAMADA, YOSHIYUKI, JP  
[72] MORI, YOSHIKAZU, JP  
[72] MIZUTAKI, SHOICHI, JP  
[72] KASAI, MASAJI, JP  
[72] TOMIOKA, SHINJI, JP  
[73] KYOWA HAKKO KOGYO CO., LTD., JP  
[22] 1995-04-10  
[30] JP (Hei-6-78718) 1994-04-18

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[11] **2,147,370**  
[13] C  
[51] Int.Cl. 6H04Q 7/32 6H02J 7/00  
[25] EN  
[54] UNIVERSAL CONNECTION FOR CELLULAR TELEPHONE INTERFACE  
[54] CONNEXION UNIVERSELLE POUR INTERFACE DE TELEPHONIE CELLULAIRE  
[72] BRAITBERG, MICHAEL FREDERICK, US  
[72] KENNEDY, PATRICK JAMES, US  
[72] SAKURAI, HIROSHI, JP  
[73] CELLPORT SYSTEMS, INC., US  
[85] 1995-04-19  
[86] 1992-10-20 (US1992009106)  
[87] (1994009586)

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[11] **2,149,325**  
[13] C  
[51] Int.Cl. 6A61F 13/42  
[25] EN  
[54] ABSORBENT INCLUDING SUPER ABSORBENT AND CAPACITY MONITOR  
[54] ABSORBANT INCLUANT UN MATERIAU SUPERABSORBANT ET UN DISPOSITIF DE SURVEILLANCE DE LA CAPACITE  
[72] MITCHELL, WINALEE G.(DECEASED), US  
[72] SZYPKA, ANDREW J., US  
[72] PLOTKA, MICHAEL, US  
[73] STOCKING, CAROL M., US  
[85] 1995-05-12  
[86] 1993-11-12 (US1993010890)  
[87] (1994010958)  
[30] US (07/975,838) 1992-11-13  
[30] US (08/096,552) 1993-07-23

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[11] **2,153,035**  
[13] C  
[51] Int.Cl. 6B32B 29/02  
[25] EN  
[54] POSTFORMING DECORATIVE LAMINATES  
[54] LAMELLES DECORATIFS POSTFORMABLES  
[72] KNOX, DAVID E., US  
[72] FORTIN, DONATO J., US  
[72] HINTZ, HAROLD L., US  
[72] KLEIN, EDWARD P., US  
[72] STREISEL, ROBERT C., US  
[72] NUZUM, STANLEY M., US  
[73] WESTVACO CORPORATION, US  
[22] 1995-06-29  
[30] US (08/426,531) 1995-04-28

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[11] **2,153,139**  
[13] C  
[51] Int.Cl. 6B29C 53/58 6B05C 17/02 6B05C 1/08  
[25] EN  
[54] METHOD OF MAKING A PAINT ROLLER  
[54] PROCEDE DE FABRICATION DE ROULEAUX A PEINTURER  
[72] SEKAR, CHANDRA, US  
[73] SEKAR, CHANDRA, US  
[22] 1995-06-30  
[30] US (08/447,536) 1995-05-24

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[11] **2,153,765**  
[13] C

[51] Int.Cl. 6B60G 9/02 6A01G 23/083  
**6B62D 55/116**  
[25] EN  
**[54] FOUR-WAY LEVELLING**  
**MECHANISM FOR OFF-ROAD**  
**VEHICLE**  
**[54] MECANISME DE MISE A NIVEAU**  
**QUADRUPLE POUR VEHICULE TOUT**  
**TERRAIN**  
[72] WOODS, RANDY JOHN, CA  
[72] ISLEY, REGGALD EMORY, CA  
[73] CATERPILLAR INC., US  
[85] 1995-07-12  
[86] 1993-10-15 (CA1993000435)  
[87] (1994016155)  
[30] US (08/004,950) 1993-01-15

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[11] **2,154,343**  
[13] C

[51] Int.Cl. 6B29C 45/42  
[25] EN  
**[54] METHOD AND APPARATUS FOR**  
**MANUFACTURING HOLLOW**  
**OBJECTS, IN PARTICULAR PLASTIC**  
**PREFORMS**  
**[54] METHODE ET APPAREIL DE**  
**FABRICATION D'OBJETS CREUX,**  
**NOTAMMENT DES PREFORMES EN**  
**PLASTIQUE**  
[72] DE CUYPER, DIRK, BE  
[73] SERVIPLAST, BE  
[85] 1995-07-20  
[86] 1994-01-20 (BE1994000007)  
[87] (1994016871)  
[30] BE (9300055) 1993-01-20

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[11] **2,157,114**  
[13] C

[51] Int.Cl. 6C07D 305/14 6C07F 7/10  
**6C07D 405/12 6C07D 407/12 6C07D 409/**  
**12**  
[25] EN  
**[54] PROCESS FOR THE**  
**PREPARATION OF 9-**  
**DESOXOTAXANES**  
**[54] PROCEDE POUR LA**  
**PREPARATION DE 9-**  
**DESOXOTAXANES**  
[72] HOLTON, ROBERT A., US  
[72] SOMOZA, CARMEN, US  
[72] SUZUKI, YUKIO, US  
[72] SHINDO, MITSURU, US  
[73] FLORIDA STATE UNIVERSITY, US  
[85] 1995-08-28  
[86] 1994-03-04 (US1994002382)  
[87] (1994020485)  
[30] US (08/026,978) 1993-03-05  
[30] US (08/095,087) 1993-07-20

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[11] **2,158,019**  
[13] C

[51] Int.Cl. 6D02G 3/40 6D02G 3/44  
[25] EN  
**[54] FIBER BLENDS FOR IMPROVED**  
**CARPET TEXTURE RETENTION**  
**[54] MELANGES DE FIBRES**  
**FAVORISANT LE MAINTIEN DE**  
**TEXTURE POUR TAPIS**  
[72] TUNG, WAE-HAI, US  
[72] SIMONSEN, LEIF RICHARD, US  
[72] VINOD, YASHAVANT VINAYAK, US  
[72] WERNY, FRANK, US  
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1995-09-11  
[86] 1994-03-07 (US1994001861)  
[87] (1994020657)  
[30] US (08/028,112) 1993-03-09

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[11] **2,158,430**  
[13] C

[51] Int.Cl. 6C12P 7/10 6C13K 1/02  
[25] EN  
**[54] METHOD OF PRODUCING**  
**SUGARS USING STRONG ACID**  
**HYDROLYSIS OF CELLULOSIC AND**  
**HEMICELLULOSIC MATERIALS**  
**[54] METHODE POUR LA**  
**PRODUCTION DE SUCRES PAR**  
**HYDROLYSE AVEC UN ACIDE FORT**  
**DE MATIERES CELLULOSIQUES ET**  
**HEMICELLULOSIQUES**  
[72] FARONE, WILLIAM A., US  
[72] CUZENS, JOHN E., US  
[73] ARKENOL, INC., US  
[85] 1995-09-15  
[86] 1994-03-25 (US1994003298)  
[87] (1994023071)  
[30] US (08/038,628) 1993-03-26

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[11] **2,158,440**  
[13] C

[51] Int.Cl. 6H04L 5/14 6H04L 9/06  
[25] EN  
**[54] METHOD AND APPARATUS FOR**  
**SIGNAL TRANSMISSION AND**  
**RECEPTION**  
**[54] METHODE ET APPAREIL**  
**D'EMISSION ET DE RECEPTION DE**  
**SIGNAUX**  
[72] MILLER, WILLIAM J., US  
[73] BROADBAND PHYSICS, INC., US  
[85] 1995-09-15  
[86] 1994-02-16 (US1994002025)  
[87] (1994022236)  
[30] US (033,518) 1993-03-17

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[11] **2,160,572**  
[13] C

[51] Int.Cl. 6G11B 20/12 6G11B 20/18  
[25] EN  
**[54] RECORD CARRIER AND DEVICE**  
**FOR READING SUCH A RECORD**  
**CARRIER**  
**[54] SUPPORT D'ENREGISTREMENT**  
**ET DISPOSITIF DE LECTURE D'UN**  
**TEL SUPPORT**  
[72] MONS, JOHANNES JAN, NL  
[73] KONINKLIJKE PHILIPS  
ELECTRONICS N.V., NL  
[85] 1995-10-13  
[86] 1995-02-14 (IB1995000101)  
[87] (1995022824)  
[30] EP (94200339.3) 1994-02-16

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[11] **2,160,910**  
[13] C

[51] Int.Cl. 6A61B 17/70  
[25] FR  
**[54] IMPLANT POUR DISPOSITIF**  
**D'OSTEOSYNTHÈSE, NOTAMMENT**  
**DU RACHIS**  
**[54] IMPLANT FOR AN**  
**OSTEOSYNTHESIS DEVICE,**  
**ESPECIALLY OF THE BACKBONE**  
[72] HENRY, PATRICK, FR  
[72] LAPRESLE, PHILIPPE, FR  
[72] MISSENARD, GILLES, FR  
[73] HENRY, PATRICK, FR  
[73] STRYKER CORPORATION, US  
[73] MISSENARD, GILLES,  
[73] LAPRESLE, PHILIPPE, FR  
[85] 1995-10-18  
[86] 1994-04-18 (FR1994000435)  
[87] (1994023660)  
[30] FR (93/04584) 1993-04-19

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[11] **2,160,911**  
[13] C

[51] Int.Cl. 6A61B 17/70  
[25] FR  
**[54] PIECE D'ASSEMBLAGE POUR**  
**DISPOSITIF D'OSTEOSYNTHÈSE**  
**[54] ASSEMBLY COMPONENT FOR AN**  
**OSTEOSYNTHESIS DEVICE**  
[72] HENRY, PATRICK, FR  
[72] LAPRESLE, PHILIPPE, FR  
[72] MISSENARD, GILLES, FR  
[73] MISSENARD, GILLES, FR  
[73] LAPRESLE, PHILIPPE, FR  
[73] HENRY, PATRICK, FR  
[73] STRYKER CORPORATION, US  
[85] 1995-10-18  
[86] 1994-04-19 (FR1994000437)  
[87] (1994023661)  
[30] FR (93/04625) 1993-04-20

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[11] 2,161,062  
[13] C

[51] Int.Cl. 6C07C 239/20  
[25] EN  
[54] PREPARATION OF O-SUBSTITUTED HYDROXYLAMMONIUM SALTS  
[54] PREPARATION DE DERIVES DE SUBSTITUTION EN O DE SELS D'HYDROXYAMMONIUM  
[72] KEIL, MICHAEL, DE  
[72] WAHL, JOSEF, DE  
[72] KLEIN, ULRICH, DE  
[72] WILL, WOLFGANG, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[22] 1995-10-20  
[30] DE (P 44 37 905.6) 1994-10-22

[11] 2,162,053  
[13] C

[51] Int.Cl. 6A43B 13/04 6A43B 5/06  
[25] EN  
[54] SHOE SOLE COMPONENT AND SHOE SOLE COMPONENT CONSTRUCTION METHOD  
[54] ELEMENT DE SEMELLE DE CHAUSSURE ET PROCEDE DE FABRICATION  
[72] SKAJA, JOSEPH J., US  
[72] SHORTEN, MARTYN R., US  
[73] SKYDEX TECHNOLOGIES, INC., US  
[85] 1995-11-02  
[86] 1994-05-03 (US1994004873)  
[87] (1994024896)  
[30] US (056,829) 1993-05-03

[11] 2,162,291  
[13] C

[51] Int.Cl. 6C23C 16/46 6C23C 16/06  
6B29C 33/38  
[25] EN  
[54] METHOD AND APPARATUS FOR PRODUCING NICKEL SHELL MOLDS  
[54] METHODE ET APPAREIL POUR LA PRODUCTION DE MOULES-CARAPACE EN NICKEL  
[72] WEBER, REINHART, CA  
[72] SHEPPARD, ROBERT E., CA  
[73] WEBER MANUFACTURING LTD., CA  
[85] 1995-11-06  
[86] 1994-05-05 (CA1994000253)  
[87] (1994025638)  
[30] GB (9309249.1) 1993-05-05

[11] 2,165,343  
[13] C

[51] Int.Cl. 6G06F 19/00 6G06F 7/00  
6C12M 1/40 6C12Q 1/56 6G01N 33/86  
[25] EN  
[54] A METHOD AND APPARATUS FOR CALCULATING A COAGULATION CHARACTERISTIC OF A SAMPLE OF BLOOD, A BLOOD FRACTION OR A CONTROL  
[54] METHODE ET APPAREIL PERMETTANT DE CALCULER LA CARACTERISTIQUE DE COAGULATION D'UN ECHANTILLON DE SANG, FRACTION DU SANG OU UN CONTROLE  
[72] COLLINS, RICK L., US  
[72] HELLER, ZINDEL HERBERT, US  
[72] PROBST, EDNA, US  
[72] WEINERT, STEFAN, US  
[72] GERBER, MARTIN T., US  
[72] MAXWELL, JAMES L., US  
[72] VAIL, LOY MAUGH, US  
[72] YOUNG, MORRIS J., US  
[73] ROCHE DIAGNOSTICS CORPORATION, US  
[85] 1995-12-14  
[86] 1994-08-18 (US1994009321)  
[87] (1995006919)  
[30] US (08/114,897) 1993-08-31

[11] 2,165,420  
[13] C

[51] Int.Cl. 6H03C 5/00 6G01S 1/02  
[25] EN  
[54] SYSTEM AND METHOD FOR MODULATING A CARRIER FREQUENCY  
[54] SYSTEME ET METHODE DE MODULATION DE FREQUENCE DE PORTEUSE  
[72] LABRECHE, LOUIS, CA  
[72] LEPAGE, JEAN-PIERRE, CA  
[73] CANADIAN SPACE AGENCY, AN AGENCY OF THE GOVERNMENT OF CANADA (THE), CA  
[85] 1995-12-15  
[86] 1994-06-17 (CA1994000348)  
[87] (1995000859)  
[30] US (220,215) 1994-03-30  
[30] CA (2,120,077) 1993-06-17

[11] 2,165,835  
[13] C

[51] Int.Cl. 6E01B 7/00 6B61L 5/00 6E01B  
25/26  
[25] EN  
[54] SWITCHES FOR AUTOMATED GUIDEWAY TRANSIT SYSTEMS  
[54] AIGUILLES POUR SYSTEME AUTOMATISE DE TRANSPORT SUR RAILS  
[72] BISHOP, ARTHUR ERNEST, AU  
[73] BISHOP, ARTHUR ERNEST, AU  
[85] 1995-12-20  
[86] 1994-07-12 (AU1994000387)  
[87] (1995002729)  
[30] AU (PL 9932) 1993-07-13

[11] 2,169,990  
[13] C

[51] Int.Cl. 6B65H 18/20 6B65H 27/00  
6B65H 18/26  
[25] EN  
[54] APPARATUS FOR WINDING OR UNWINDING WEBS, PARTICULARLY PAPER WEBS  
[54] APPAREIL SERVANT A ENROULER OU A DEROULER DES BANDES, EN PARTICULIER DES BANDES DE PAPIER  
[72] WOLF, ROBERT, DE  
[72] FISSMANN, HANS-JOACHIM, DE  
[73] VOITH SULZER  
PAPIERMASCHINEN GMBH, DE  
[22] 1996-02-21  
[30] DE (195 05 870.4) 1995-02-21

[11] 2,170,134  
[13] C

[51] Int.Cl. 6C11D 1/52 6C11D 1/08  
6C11D 1/74  
[25] EN  
[54] SURFACTANTS  
[54] SURFACTIFS  
[72] MOTSON, HAROLD RUSSELL, GB  
[73] IMPERIAL CHEMICAL INDUSTRIES PLC, GB  
[85] 1996-02-22  
[86] 1994-08-19 (GB1994001815)  
[87] (1995006096)  
[30] GB (9317476.1) 1993-08-23

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[11] **2,174,932**  
 [13] C

[51] Int.Cl. 6F01C 9/00 6F04C 9/00 6F04C  
 21/00 6F01C 21/10  
 [25] EN  
 [54] SWASHPLATE MACHINE  
 [54] MACHINE A PLATEAU  
 OSCILLANT  
 [72] PARKER, ALFRED, NZ  
 [73] PARKER, ALFRED, NZ  
 [85] 1996-04-24  
 [86] 1994-10-28 (NZ1994000121)  
 [87] (1995012054)  
 [30] NZ (250094) 1993-10-28

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[11] **2,175,469**  
 [13] C

[51] Int.Cl. 6A61F 5/02  
 [25] EN  
 [54] DEROTATING ORTHOTIC  
 DEVICES FOR THE CORRECTION OF  
 SCOLIOTIC DEFORMITIES  
 [54] ORTHESES DE DEROTATION  
 DESTINEES A CORRIGER LES  
 DIFFORMITES SCOLIOTIQUES  
 [72] LABELLE, HUBERT, CA  
 [72] DANSEREAU, JEAN, CA  
 [72] DE GUISE, JACQUES A., CA  
 [72] RIVARD, CHARLES-HILAIRE, CA  
 [72] LEBLANC, MARTIN, CA  
 [73] CENTRE DE RECHERCHE DE  
 L'HOPITAL STE-JUSTINE, CA  
 [85] 1996-04-30  
 [86] 1994-12-22 (CA1994000711)  
 [87] (1995017142)  
 [30] US (08/171,169) 1993-12-22

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[11] **2,178,266**  
 [13] C

[51] Int.Cl. 6A47F 3/06 6A47B 46/00  
 [25] EN  
 [54] SHELF EXTENDER  
 [54] PROLONGATEUR DE  
 RAYONNAGE  
 [72] GARFINKLE, BENJAMIN L., US  
 [73] GARFINKLE, BENJAMIN L., US  
 [22] 1996-06-05  
 [30] US (08/462,953) 1995-06-05

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[11] **2,178,272**  
 [13] C

[51] Int.Cl. 6C07D 401/12 6C07D 255/02  
 6C07D 257/02 6C07D 471/08 6C07D 487/  
 08 6C07D 513/08 6C07D 403/12 6C07D  
 409/12 6A61K 31/395  
 [25] EN  
 [54] ANTIVIRAL MONOCYCLIC  
 POLYAMINES  
 [54] POLYAMINES MONOCYCLIQUE  
 ANTIVIRAUX  
 [72] BRIDGER, GARY JAMES, US  
 [72] PADMANABHAN, SREENIVASAN,  
 US  
 [72] SKERLJ, RENATO TONY, US  
 [72] HERNANDEZ-ABAD, PEDRO  
 EMILIO, US  
 [72] SANT, MILIND PRABHAKAR, US  
 [73] ANORMED INC., CA  
 [22] 1996-06-05  
 [30] GB (9511357.7) 1995-06-06

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[11] **2,178,773**  
 [13] C

[51] Int.Cl. 6G06F 3/12  
 [25] EN  
 [54] MOBILE MULTI-PRINTER  
 STATION PRINTING BARCODE  
 LABELS AND SIGNS  
 [54] STATION MULTI-IMPRIMANTE  
 MOBILE POUR L'IMPRESSION  
 D'ETIQUETTES A CODES A BARRES  
 [72] JOHNSON, KELLY L., US  
 [72] ROTH, MARK W., US  
 [73] MONARCH MARKING SYSTEMS,  
 INC., US  
 [22] 1996-06-11  
 [30] US (08/502,612) 1995-07-14

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[11] **2,182,920**  
 [13] C

[51] Int.Cl. 6B60B 35/00 6B60G 3/04  
 [25] EN  
 [54] TAG AXLE LATCHING  
 MECHANISM  
 [54] MECANISME DE VERROUILLAGE  
 D'ESSIEU TRAINE  
 [72] CHRISTENSON, RONALD E., US  
 [73] MCNEILUS TRUCK AND  
 MANUFACTURING, INC., US  
 [22] 1996-08-08  
 [30] US (08/554,928) 1995-11-09

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[11] **2,195,125**  
 [13] C

[51] Int.Cl. 6C07C 237/22 6C07F 7/10  
 6C07D 295/15 6A61K 31/16 6C07D 295/  
 185 6C07C 271/20 6C07D 295/26 6C07D  
 211/40 6C07D 213/56 6C07D 233/61  
 6C07D 211/74 6C07D 213/81  
 [25] EN  
 [54] DIFLUOROSTATONE ANTIVIRAL  
 AGENTS  
 [54] AGENTS ANTIVIRAUX A BASE DE  
 DIFLUOROSTATONE  
 [72] FARR, ROBERT A., US  
 [72] CREGGE, ROBERT J., US  
 [72] JANOWICK, DAVID A., US  
 [72] KOHLMAN, DANIEL T., US  
 [72] VAN DORSEL, VIVIANE, FR  
 [72] SCHIRLIN, DANIEL G., FR  
 [72] TARNUS, CELINE, FR  
 [73] MERRELL PHARMACEUTICALS  
 INC., US  
 [85] 1997-01-14  
 [86] 1995-06-06 (US1995007241)  
 [87] (1996002499)  
 [30] US (08/276,223) 1994-07-15

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[11] **2,197,948**  
 [13] C

[51] Int.Cl. 6B01F 3/08 6B01F 15/06  
 [25] EN  
 [54] FLUID COMMINGLING  
 CHAMBER FOR NITROGEN  
 PROCESSING UNIT  
 [54] CHAMBRE DE MELANGE POUR  
 UNITE DE TRAITEMENT A AZOTE  
 [72] HEILMAN, PAUL W., US  
 [73] HALLIBURTON ENERGY  
 SERVICES, INC., US  
 [22] 1997-02-19  
 [30] US (08/665,159) 1996-06-14

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[11] **2,200,476**  
 [13] C

[51] Int.Cl. 6G06K 7/10  
 [25] EN  
 [54] EXTENDED WORKING RANGE  
 DATAFORM READER WITH  
 REDUCED POWER CONSUMPTION  
 [54] LECTEUR DE FORME DE  
 DONNEES A DISTANCE A PLAGE DE  
 FONCTIONNEMENT ETENDUE ET A  
 FAIBLE CONSOMMATION  
 D'ENERGIE  
 [72] WANG, YNJIUN P., US  
 [72] JU, PAUL P., US  
 [73] SYMBOL TECHNOLOGIES, INC., US  
 [85] 1997-03-19  
 [86] 1996-07-25 (US1996012184)  
 [87] (1997005560)  
 [30] US (08/507,607) 1995-07-25

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[11] 2,201,314  
[13] C

- [51] Int.Cl. 6B08B 3/02
- [25] EN
- [54] MICROBIOLOGICAL PARTS WASHER
- [54] APPAREIL DE LAVAGE MICROBIOLOGIQUE DE PIECES
- [72] MCCLURE, JAMES C., US
- [72] MEARS, ERIC L., US
- [72] WHITEMAN, G. ROB, US
- [72] McNALLY, THOMAS W., US
- [72] MARKS, FRANCIS A., US
- [72] STRANGE, J. LELAND, US
- [73] CHEMFREE CORPORATION, US
- [73] ZYMO INTERNATIONAL, INC., US
- [85] 1997-03-27
- [86] 1995-09-29 (US1995013042)
- [87] (1996011072)
- [30] US (08/315,902) 1994-09-30
- [30] US (08/370,898) 1995-01-10

[11] 2,201,738  
[13] C

- [51] Int.Cl. 6B32B 27/18 6B29C 47/06
- 6B65D 81/26**
- [25] EN
- [54] OXYGEN SCAVENGING ARTICLE FOR USE IN PACKAGES
- [54] ARTICLE ANTI-OXYGENE POUR EMBALLAGES
- [72] CHING, TA YEN, US
- [73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
- [85] 1997-04-03
- [86] 1995-10-11 (US1995012639)
- [87] (1996011861)
- [30] US (08/321,728) 1994-10-12

[11] 2,202,167  
[13] C

- [51] Int.Cl. 6C12Q 1/68 6C07H 21/04
- 6C12N 15/10 6C12N 15/66**
- [25] EN
- [54] MOLECULAR TAGGING SYSTEM
- [54] SYSTEME DE MARQUAGE MOLECULAIRE
- [72] BRENNER, SYDNEY, GB
- [73] LYNX THERAPEUTICS, INC., US
- [85] 1997-04-08
- [86] 1995-10-12 (US1995012791)
- [87] (1996012014)
- [30] US (08/322,348) 1994-10-13
- [30] US (08/358,810) 1994-12-19

[11] 2,205,217  
[13] C

- [51] Int.Cl. 6B29C 45/14
- [25] EN
- [54] PROCESS FOR THE MANUFACTURE OF FIBRE-REINFORCED COMPOSITES
- [54] PROCEDE DE FABRICATION DE COMPOSITES RENFORCES DE FIBRES
- [72] KAINMULLER, THOMAS, DE
- [72] SETIABUDI, FRANS, DE
- [73] CIBA SPECIALTY CHEMICALS HOLDING INC., CH
- [22] 1997-05-12
- [30] CH (1227/96) 1996-05-14

[11] 2,206,508  
[13] C

- [51] Int.Cl. 6F25D 23/00
- [25] EN
- [54] REFRIGERATOR CABINET BREAKER ASSEMBLY
- [54] ENTRETOISE ISOLANTE D'ARMOIRE DE REFRIGERATEUR
- [72] BANICEVIC, NEDO, CA
- [72] KLAAS, MURRAY, CA
- [73] CAMCO INC., CA
- [22] 1997-05-29

[11] 2,207,486  
[13] C

- [51] Int.Cl. 6A47B 3/02
- [25] EN
- [54] FLAT FOLDING TABLE
- [54] TABLE PLIANTE
- [72] SCHWARTZ, DAVID L., US
- [72] BRANNON, JEFFREY L., US
- [72] RAY, JOHNNY D., US
- [73] THE HON COMPANY, US
- [22] 1997-06-10
- [30] US (60/019,545) 1996-06-10

[11] 2,209,923  
[13] C

- [51] Int.Cl. 6C08F 236/04 6A61L 15/24
- 6C08F 2/32 6A61L 15/42**
- [25] EN
- [54] BIODEGRADABLE AND/OR COMPOSTABLE POLYMERS MADE FROM CONJUGATED DIENES SUCH AS ISOPRENE AND 2,3-DIMETHYL-1,3-BUTADIENE
- [54] POLYMERES BIODEGRADABLES ET/OU SUSCEPTIBLES D'ETRE COMPOSES, FABRIQUES A PARTIR DE DIENES CONJUGUES TELS QU'ISOPRENE ET 2,3-DIMETHYL-1,3-BUTADIENE
- [72] DYER, JOHN COLLINS, US
- [72] WONG, PUI KWAN, US
- [72] HIRD, BRYN, US
- [73] SHELL OIL COMPANY, US
- [73] THE PROCTER & GAMBLE COMPANY, US
- [85] 1997-07-09
- [86] 1996-01-11 (US1996000081)
- [87] (1996022796)
- [30] US (08/370923) 1995-01-10

[11] \* 2,210,084  
[13] C

- [51] Int.Cl. 6A61J 7/04
- [25] EN
- [54] A MEDICATION REMINDER DEVICE
- [54] DISPOSITIF DE RAPPEL DE PRISE DE MEDICAMENT
- [72] MATHISON, RONALD GRANT, CA
- [73] MATHISON, RONALD GRANT, CA
- [22] 1997-07-08

[11] 2,212,810  
[13] C

- [51] Int.Cl. 6B63H 1/14
- [25] EN
- [54] PROPELLER
- [54] HELICE
- [72] LIN, YEUN-JUNN, XX
- [73] LIN, YEUN-JUNN, XX
- [22] 1997-08-12

- [11] 2,209,698  
[13] C
- [51] Int.Cl. 6B60T 13/66 6B60T 17/22
- [25] EN
- [54] AUTOMATIC IDENTIFICATION OF EP BRAKE EQUIPPED RAILCARS
- [54] IDENTIFICATION AUTOMATIQUE DES WAGONS DE CHEMIN DE FER
- [72] MCLAUGHLIN, BRYAN M., US
- [72] LUMBIS, ANTHONY W., US
- [72] STEVENS, DALE R., US
- [73] NEW YORK AIR BRAKE CORPORATION, US
- [22] 1997-07-10
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 [13] C

[51] Int.Cl. 6G01M 17/08 6B61C 17/12  
 [25] EN  
**AUTOMATIC TRAIN  
 SERIALIZATION WITH CAR  
 ORIENTATION**  
**MISE EN SERIE AUTOMATIQUE  
 LE LONG D'UN TRAIN SELON LA  
 POSITION DES VOITURES**  
 [72] MCLAUGHLIN, BRYAN, US  
 [72] LUMBIS, ANTHONY W., US  
 [72] STEVENS, DALE R., US  
 [72] KNIGHT, ARNOLD W., US  
 [72] KNIGHT, DOUGLAS G., US  
 [73] NEW YORK AIR BRAKE  
 CORPORATION, US  
 [22] 1997-09-04  
 [30] US (08/713,347) 1996-09-13  
 [30] US (08/837,113) 1997-04-14

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[11] **2,214,016**  
 [13] C

[51] Int.Cl. 6B61K 7/04 6B61K 7/18  
 [25] EN  
**RAIL BRAKE ELEMENT**  
**ELEMENT DE FREIN DE VOIE**  
 [72] ROICK, REINHARD, DE  
 [73] A. RAWIE GMBH & CO., DE  
 [85] 1997-08-27  
 [86] 1996-01-26 (EP1996000321)  
 [87] (1996026855)  
 [30] DE (195 07 000.3) 1995-02-28

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[11] **2,214,359**  
 [13] C

[51] Int.Cl. 6C12Q 1/68  
 [25] EN  
**DNA DIAGNOSTICS BASED ON  
 MASS SPECTROMETRY**  
**DIAGNOSTICS DE L'ADN PAR  
 SPECTROMETRIE DE MASSE**  
 [72] BRAUN, ANDREAS, DE  
 [72] HIGGINS, G. SCOTT, DE  
 [72] LITTLE, DANIEL P., DE  
 [72] KOSTER, HUBERT, US  
 [73] SEQUENOM, INC., US  
 [85] 1997-09-15  
 [86] 1996-03-18 (US1996003651)  
 [87] (1996029431)  
 [30] US (08/406,199) 1995-03-17

[11] **2,214,462**  
 [13] C

[51] Int.Cl. 6H04R 23/00 6G02B 26/00  
 [25] EN  
**PASSIVE ACOUSTO-OPTIC  
 MODULATOR**  
**MODULATEUR ACOUSTICO-  
 OPTIQUE PASSIF**  
 [72] THOMAS, ANDREW JAMES, GB  
 [73] QINETIQ LIMITED, GB  
 [85] 1997-09-02  
 [86] 1996-02-29 (GB1996000450)  
 [87] (1996028001)  
 [30] GB (9504298.2) 1995-03-03

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[11] **2,215,440**  
 [13] C

[51] Int.Cl. 6G08B 25/00 6G08B 25/08  
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 [25] EN  
**ALARM MONITORING AND  
 REPORTING SYSTEM**  
**SISTÈME DE SURVEILLANCE ET  
 DE SIGNALISATION D'ALARME**  
 [72] KENNEDY, THOM, CA  
 [73] KENNEDY, THOM, CA  
 [22] 1997-09-15

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[11] **2,217,356**  
 [13] C

[51] Int.Cl. 6E21B 7/08  
 [25] EN  
**METHOD AND APPARATUS FOR  
 DRILLING AND RE-ENTERING  
 MULTIPLE LATERAL BRANCHES IN A  
 WELL**  
**METHODE ET DISPOSITIF POUR  
 FORER ET RE-ENTRER DANS DES  
 EMBRANCHEMENTS LATÉRAUX  
 MULTIPLES DANS UN PUITS**  
 [72] GOTLIB, MIKHAIL V., US  
 [72] NITIS, SPYROS S., US  
 [72] OHMER, HERVE', US  
 [73] SCHLUMBERGER CANADA  
 LIMITED, CA  
 [22] 1997-09-30  
 [30] US (60/027,241) 1996-10-01  
 [30] US (60/035,425) 1997-01-22  
 [30] US (60/044,422) 1997-04-29  
 [30] US (08/937032) 1997-09-24

[11] **2,218,737**  
 [13] C

[51] Int.Cl. 6A61K 47/48 6A61K 38/19  
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 [25] EN  
**CYTOMODULATING  
 CONJUGATES OF MEMBERS OF  
 SPECIFIC BINDING PAIRS**  
**CONJUGUES CYTOMODULANTS  
 D'ELEMENTS DE PAIRES DE LIAISON  
 SPECIFIQUES**  
 [72] POULETTY, PHILIPPE J., US  
 [73] SANGSTAT MEDICAL  
 CORPORATION, US  
 [85] 1997-10-21  
 [86] 1997-04-09 (US1997005842)  
 [87] (1997037690)  
 [30] US (08/630,383) 1996-04-10

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[11] **2,227,573**  
 [13] C

[51] Int.Cl. 6E05G 1/00 6G07D 13/00  
**6E05G 1/04**  
 [25] EN  
**IMPROVED DROP SAFE**  
**COFFRE-FORT A DÉPÔT  
 PROVISOIRE AMÉLIORÉ**  
 [72] HEATH, WILLIAM D., JR., US  
 [72] GUNN, WILLIAM L., US  
 [72] ANGOVE, JOHN F.G., US  
 [72] KEITH, JASPER NEWTON III, US  
 [73] BRINK'S NETWORK, INC., US  
 [85] 1998-01-22  
 [86] 1996-07-22 (US1996012057)  
 [87] (1997004426)  
 [30] US (08/506,021) 1995-07-24

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[11] **2,227,673**  
 [13] C

[51] Int.Cl. 6H04B 1/26 6H04B 1/04  
**6H04B 1/40**  
 [25] EN  
**TRANSCEIVER BANDWIDTH  
 EXTENSION USING DOUBLE MIXING**  
**EXPANSION DE LA LARGEUR DE  
 BANDE D'UN EMETTEUR-  
 RECEPTEUR AU MOYEN D'UN  
 CHANGEMENT DOUBLE DE  
 FREQUENCE**  
 [72] ROWLAND, ANDY, CA  
 [72] OBERHAMMER, WOLFGANG, CA  
 [73] NORTEL NETWORKS LIMITED, CA  
 [22] 1998-01-21  
 [30] US (08/802,692) 1997-02-19

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[11] 2,228,438  
[13] C

[51] Int.Cl. 6B29C 47/02 6B29C 47/12  
[25] EN  
[54] METHOD AND APPARATUS FOR  
MANUFACTURING MOLDING  
[54] PROCEDE ET APPAREIL DE  
PRODUCTION PAR MOULAGE  
[72] AOYAMA, YOSHIHIRO, JP  
[73] TOKAI KOGYO KABUSHIKI  
KAISHA, JP  
[85] 1998-01-30  
[86] 1997-06-23 (JP1997002166)  
[87] (1998000282)  
[30] JP (188436/1996) 1996-06-28

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[11] 2,229,329  
[13] C

[51] Int.Cl. 6E21B 47/022  
[25] EN  
[54] BOREHOLE SURVEYING  
[54] DIAGRAPHIE DE FORAGE  
[72] KERRIDGE, DAVID JOHN, GB  
[72] SHIELLS, GORDON MALCOLM, GB  
[73] HALLIBURTON ENERGY  
SERVICES, INC., US  
[73] NATURAL ENVIRONMENT  
RESEARCH COUNCIL, GB  
[85] 1998-03-09  
[86] 1996-09-10 (GB1996002236)  
[87] (1997010413)  
[30] GB (9518990.8) 1995-09-16

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[11] 2,232,139  
[13] C

[51] Int.Cl. 6B65B 57/00  
[25] EN  
[54] APPARATUS FOR INSPECTING  
SEALED PACKAGES  
[54] APPAREIL POUR INSPECTER DES  
EMBALLAGES SCELLES  
[72] MICHELS, JOHN, US  
[72] BIERSCHENK, PAT, US  
[73] RECOT, INC., US  
[22] 1998-03-16  
[30] US (08/823,752) 1997-03-25  
[30] US (08/892,316) 1997-07-14

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[11] 2,234,839  
[13] C

[51] Int.Cl. 6A47C 23/053 6A47C 23/043  
[25] EN  
[54] MATTRESS CONSTRUCTION  
[54] CONSTRUCTION D'UN MATELAS  
[72] WARNER, BRADLEY, CA  
[73] WARNER, BRADLEY, CA  
[22] 1998-04-15

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[11] 2,235,475  
[13] C

[51] Int.Cl. 6C03B 9/41  
[25] EN  
[54] GENERATION OF NEEDLE  
MOTION PROFILE IN AN INDIVIDUAL  
SECTION GLASSWARE FORMING  
SYSTEM  
[54] GENERATION DE PROFILS DE  
DEPLACEMENT DE POINTEAU DANS  
UNE INSTALLATION SECTIONNELLE  
DE GOBELETERIE  
[72] NAFZIGER, GREGORY W., US  
[73] OWENS-BROCKWAY GLASS  
CONTAINER INC., US  
[22] 1998-04-21  
[30] US (08/844,739) 1997-04-21

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[11] 2,236,226  
[13] C

[51] Int.Cl. 6H04R 1/44  
[25] EN  
[54] FLEXIBLE INTERLINK FOR  
HYDROPHONE ARRAY  
[54] RACCORD FLEXIBLE POUR  
RESEAU D'HYDROPHONES  
[72] CHERBETTCHAN, AGOP H., US  
[72] DEBLEY, WILLIAM P., US  
[73] LITTON SYSTEMS, INC., US  
[85] 1998-04-27  
[86] 1997-09-03 (US1997015491)  
[87] (1998014031)  
[30] US (60/026,771) 1996-09-26

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[11] 2,236,797  
[13] C

[51] Int.Cl. 6C07C 69/94 6A61K 6/083  
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6C07F 9/46 6C07F 9/50 6C07C 69/54  
6C07C 229/62 6C07C 323/62  
[25] EN  
[54] DENTAL COMPOUNDS,  
COMPOSITIONS AND PRODUCTS  
[54] COMPOSES, COMPOSITIONS ET  
PRODUITS DENTAIRES  
[72] SILVER, PAUL A., US  
[72] LU, KEWANG, US  
[72] HAMMESFAHR, PAUL D., US  
[73] DENTSPLY INTERNATIONAL INC.,  
US  
[85] 1998-05-05  
[86] 1997-02-13 (US1997002342)  
[87] (1997029732)  
[30] US (08/603,957) 1996-02-15

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[11] 2,237,452  
[13] C

[51] Int.Cl. 6C03B 9/41  
[25] EN  
[54] GENERATION OF SWEEPOUT  
MOTION PROFILE IN AN INDIVIDUAL  
SECTION GLASSWARE FORMING  
SYSTEM  
[54] CREATION D'UN MOUVEMENT  
DE BALAYAGE DANS UN SYSTEME DE  
FORMATION DE VERRERIE PAR  
SECTION INDIVIDUELLE  
[72] HENNING, JEFFERY P., US  
[72] NAFZIGER, GREGORY W., US  
[73] OWENS-BROCKWAY GLASS  
CONTAINER INC., US  
[22] 1998-05-12  
[30] US (08/858,748) 1997-05-19

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[11] 2,239,752  
[13] C

[51] Int.Cl. 6B27G 13/10 6B27L 11/02  
[25] EN  
[54] WOOD CHIPPER ROTOR HEAD  
KNIFE HOLDER AND KNIFE  
ASSEMBLY  
[54] PORTE-COUTEAU ET COUTEAU  
POUR DISQUE DE TETE DE  
DECHEQUETEUSE  
[72] ROBISON, MILAN W., US  
[73] MORBARK, INC., US  
[22] 1998-06-05  
[30] US (08/877,232) 1997-06-17

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[11] 2,240,320  
[13] C

[51] Int.Cl. 6C07C 1/04 6B01J 12/00  
[25] EN  
[54] HYDROCARBON GAS  
CONVERSION SYSTEM AND PROCESS  
FOR PRODUCING A SYNTHETIC  
HYDROCARBON LIQUID  
[54] SYSTEME DE CONVERSION DE  
GAZ D'HYDROCARBURE ET  
PROCEDE DE PRODUCTION  
D'HYDROCARBURE LIQUIDE  
SYNTHETIQUE  
[72] WAYCUILIS, JOHN J., US  
[73] MARATHON OIL COMPANY, US  
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[86] 1996-11-22 (US1996018751)  
[87] (1997030011)  
[30] US (600,565) 1996-02-13

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[11] **2,244,601**  
[13] C

[51] Int.Cl. 6C09D 175/14  
[25] EN  
[54] REGULATING THE RELEASE  
FORCE OF SILICONE COATINGS  
WHICH REPEL TACKY SUBSTANCES  
[54] REGULATION DE LA FORCE DE  
DEGAGEMENT DES REVETEMENTS  
DE SILICONES QUI REPOUSSENT LES  
MATERIES COLLANTES  
[72] KINNE, MARGOT, DE  
[72] HECHTL, WOLFGANG, DE  
[72] ACHENBACH, FRANK, DE  
[72] FEHN, ARMIN, DE  
[73] WACKER-CHEMIE GMBH, DE  
[22] 1998-08-07  
[30] DE (197 34 206.4) 1998-08-07

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[11] **2,245,597**  
[13] C

[51] Int.Cl. 6B66C 1/66 6B66C 1/42 6B66C  
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[25] EN  
[54] SPREADER FOR MULTISTAGE  
CONTAINER STACKING  
[54] PALONNIER POUR LE GERBAGE  
DE CONTEINEURS SUR PLUSIEUX  
NIVEAUX  
[72] SHIOTA, HIROSHI, JP  
[72] MURAKAMI, KEN, JP  
[72] NISHIOKA, MASAKI, JP  
[72] OBATA, KANJI, JP  
[73] MITSUBISHI HEAVY INDUSTRIES,  
LTD., JP  
[22] 1998-08-24  
[30] JP (9-228750) 1997-08-26

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[11] **2,246,289**  
[13] C

[51] Int.Cl. 6A61K 31/62 6A61K 31/44  
[25] FR  
[54] NOUVELLES ASSOCIATIONS DE  
PRINCIPES ACTIFS CONTENANT DU  
CLOPIDOGREL ET UN  
ANTITHROMBOTIQUE  
[54] NEW ASSOCIATIONS OF ACTIVE  
PRINCIPLES CONTAINING  
CLOPIDOGREL AND AN  
ANTITHROMBOTIC AGENT  
[72] SAVI, PIERRE, FR  
[72] HERBERT, JEAN-MARC, FR  
[72] BERNAT, ANDRE, FR  
[73] SANOFI-SYNTHELABO, FR  
[85] 1998-08-12  
[86] 1997-02-17 (FR1997000296)  
[87] (1997029753)  
[30] FR (96/02027) 1996-02-19

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[11] **2,248,407**  
[13] C

[51] Int.Cl. 6C07C 313/20 6C07C 381/00  
6C07D 209/08 6C07D 223/20 6C07D 295/  
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211/96  
[25] EN  
[54] THERMALLY STABLE  
AMINOSULFUR TRIFLUORIDES  
[54] AMINOTRIFLUOROSOUFRES  
THERMIQUEMENT STABLES  
[72] SYVRET, ROBERT GEORGE, US  
[72] LAL, GAURI SANKAR, US  
[72] PESARESI, RENO JOSEPH JR., US  
[72] PEZ, GUIDO PETER, US  
[73] AIR PRODUCTS AND CHEMICALS,  
INC., US  
[22] 1998-09-22  
[30] US (08/939,635) 1997-09-29

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[11] **2,248,766**  
[13] C

[51] Int.Cl. 6F23D 14/06 6F24C 3/14  
[25] EN  
[54] BURNER STRUCTURE USED FOR  
A PORTABLE GAS COOKING STOVE  
[54] STRUCTURE DE BRULEUR  
DESTINEE A UN RECHAUD PORTATIF  
AU GAZ  
[72] YOKOYAMA, HIROAKI, JP  
[72] IKARASHI, TOSHIKAZU, JP  
[73] SNOW PEAK, INC., JP  
[22] 1998-09-29  
[30] JP (9-266584) 1997-09-30

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[11] **2,249,137**  
[13] C

[51] Int.Cl. 6G06F 17/30 6G06F 17/60  
[25] EN  
[54] NON-VOLATILE MISSION-READY  
DATABASE FOR SIGNALING  
TRANSFER POINT  
[54] BASE DE DONNEES NON  
VOLATILE POUR POINT DE  
TRANSFERT DE SIGNAUX  
[72] BUCKLER, CRAIG L., US  
[73] NORTEL NETWORKS LIMITED, CA  
[22] 1998-10-01  
[30] US (08/989,633) 1997-12-12

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[11] **2,249,480**  
[13] C

[51] Int.Cl. 6B65H 5/02 6B07C 1/04  
[25] EN  
[54] DUAL DOCUMENT SINGULATING  
APPARATUS FOR A MAIL HANDLING  
SYSTEM  
[54] DISPOSITIF DEUX SEPARATEURS  
DE DOCUMENTS POUR UN SYSTEME  
DE TRAITEMENT DU COURRIER  
[72] SALOMON, JAMES A., US  
[72] STEMMLE, DENIS J., SR., US  
[72] BARKER, DONALD E., US  
[72] COHEN, STEVEN E., US  
[72] BELEC, ERIC A., US  
[73] PITNEY BOWES INC., US  
[22] 1998-10-02  
[30] US (08/991,649) 1997-12-16

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[11] **2,249,482**  
[13] C

[51] Int.Cl. 6B65H 3/06 6B65H 7/06  
[25] EN  
[54] A NUDGER FOR A MAIL  
HANDLING SYSTEM  
[54] DISPOSITIF DE POUSSÉE POUR  
UN SYSTEME DE TRAITEMENT DE  
COURRIER  
[72] YAP, ANTHONY E., US  
[72] BELEC, ERIC A., US  
[72] SALOMON, JAMES A., US  
[72] COHEN, STEVEN E., US  
[72] REBRES, ROBERT P., US  
[72] IGLESIAS, DENNIS C., US  
[73] PITNEY BOWES INC., US  
[22] 1998-10-02  
[30] US (08/943,406) 1997-10-03

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[11] **2,250,357**  
[13] C

[51] Int.Cl. 6A45D 19/02  
[25] FR  
[54] DISPOSITIF APPLICATEUR DE  
PRODUIT CAPILLAIRE ET RECIPIENT  
EQUIPE D'UN TEL DISPOSITIF  
[54] HAIR PREPARATION  
APPLICATION DEVICE AND  
CONTAINER EQUIPPED WITH SUCH A  
DEVICE  
[72] BAUDIN, GILLES, FR  
[72] VIEU, VALERIE, FR  
[73] L'OREAL, FR  
[22] 1998-10-26  
[30] FR (97 13 448) 1997-10-27

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[11] 2,250,486  
[13] C

[51] Int.Cl. 6C11D 1/40 6C11D 3/16  
[25] EN  
[54] LOW SUDSING LIQUID  
DETERGENT COMPOSITIONS  
[54] COMPOSITIONS DETERGENTES  
LIQUIDES FAIBLEMENT  
MOUSSANTES  
[72] BAETS, PETER JOHANNES MARIE,  
BE  
[72] FREDJ, ABDENNACEUR, BE  
[72] HOUSMEKERIDES, CHRIS  
EFSTATHIOS, BE  
[72] JONES, ROGER JEFFERY, BE  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1998-09-29  
[86] 1997-03-25 (US1997004795)  
[87] (1997036982)  
[30] EP (96870038.5) 1996-03-29

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[11] 2,251,983  
[13] C

[51] Int.Cl. 6A61K 35/28 6A61K 38/18  
[25] EN  
[54] REGENERATION AND  
AUGMENTATION OF BONE USING  
MESENCHYMAL STEM CELLS  
[54] REGENERATION ET  
CROISSANCE OSSEUSE OBTENUES A  
L'AIDE DE CELLULES SOUCHES DU  
MESENCHYME  
[72] KADIYALA, SUDHAKAR, US  
[72] BRUDER, SCOTT P., US  
[73] OSIRIS THERAPEUTICS, INC., US  
[85] 1998-10-16  
[86] 1997-04-17 (US1997006433)  
[87] (1997040137)  
[30] US (60/016,245) 1996-04-19  
[30] US (60/029,838) 1996-10-28

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[11] 2,253,474  
[13] C

[51] Int.Cl. 6B65G 47/82 6B65G 47/49  
[25] EN  
[54] HIGH SPEED, COMPOUND,  
BELTED DIVERTER AND METHOD OF  
OPERATING SAME  
[54] DEVIATEUR A BANDE RAPIDE  
COMPOSE ET SON PROCEDE DE  
FONCTIONNEMENT  
[72] BONNET, HENRI, US  
[73] UNITED PARCEL SERVICE OF  
AMERICA, INC., US  
[85] 1998-11-03  
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MECHANISM  
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FOR REDUCING COPPER OXIDE TO  
METALLIC COPPER  
[54] COMPOSITION ET METHODE  
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EN CUIVRE METALLIQUE  
[72] CAMPBELL, SCOTT, US  
[72] RUSH, MICHAEL, US  
[72] FAKLER, JOHN, US  
[73] MORTON INTERNATIONAL, INC.,  
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[25] EN  
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REPRESENTING MODIFICATION  
INFORMATION ABOUT A  
CHARACTERISTIC-DEPENDENT  
INFORMATION PROCESSING  
SYSTEM  
[54] SYSTEME D'AFFICHAGE DE  
RENSEIGNEMENTS SUR DES  
MODIFICATIONS A APPORTER UN  
SYSTEME DE TRAITEMENT DE  
DONNEES ARTICULE AUTOUR DE  
CHARACTERISTIQUES  
[72] BURKWARD, SUSAN KAY, US  
[72] PATTERSON, STEVEN H., US  
[72] EICK, STEPHEN GREGORY, US  
[72] PYRCE, JOHN DAVID, US  
[72] RIVARD, KURT DAVID, US  
[73] LUCENT TECHNOLOGIES INC., US  
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[25] EN  
[54] TEST SYSTEM AND TEST  
METHOD FOR TESTING THE  
OPERABILITY OF TEST SAMPLES  
[54] SYSTEME D'ESSAI ET PROCEDE  
D'ESSAI POUR TESTER  
L'OPERABILITE DES ECHANTILLONS  
D'ESSAIS  
[72] PETER, WINFRIED, AT  
[72] HENSLER, THOMAS, AT  
[73] OMICRON ELECTRONICS GMBH,  
AT  
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[25] EN  
[54] LEVEL ADJUST DISPLAY  
APPARATUS AND METHOD FOR ON-  
SCREEN DISPLAY MENU IN IMAGE  
DISPLAY DEVICE  
[54] DISPOSITIF DE REGLAGE DE  
POSITIONNEMENT ET METHODE  
POUR L'AFFICHAGE A L'ECRAN D'UN  
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[73] LG ELECTRONICS INC., KR  
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METHOD  
[54] PLATE-FORME ET PROCEDE DE  
COMMUTATION A APPLICATIONS  
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[72] SIEFERT, ROBERT J., US  
[72] ASHLEY, WILLIAM, US  
[72] BECKMAN, KENNETH A., US  
[72] NG, SIMON S., US  
[72] ATKINSON, ROGER F., US  
[72] KLEIN, RAYMOND, US  
[73] TAQUA, INC., US  
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[54] OILWELL LEAK CONTAINMENT  
APPARATUS FOR A COMPLETED  
OILWELL  
[54] DISPOSITIF DE CONFINEMENT  
DE FUITE POUR PUITS DE PETROLE  
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[72] HOLTY, QUINN A.J., CA  
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[25] EN  
[54] PROCESS FOR MAKING FOAM  
ARTICLES HAVING GOOD LOW  
TEMPERATURE TOUGHNESS FROM  
HIGH MELT STRENGTH PROPYLENE  
POLYMER MATERIALS  
[54] PROCEDE DE FABRICATION  
D'ARTICLES EN MOUSSE POSSESSANT  
UNE BONNE TENACITE A BASSE  
TEMPERATURE, A PARTIR DE  
MATERIERS A BASE DE  
POLYPROPYLENE A RESISTANCE  
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[72] BAVARO, VINCENT P., US  
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[72] ANDERSSON, BORJE S., US  
[73] BOARD OF REGENTS, THE  
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[25] EN  
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METHOD  
[54] ETIQUETEUSE ET PROCEDE  
D'ETIQUETAGE  
[72] OTRUBA, SVATOBOJ, US  
[72] PARKER, JOSEPH C., US  
[72] GOMES, GARY G., US  
[73] B & H MANUFACTURING  
COMPANY, INC., US  
[85] 1998-12-30  
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[13] C

[51] Int.Cl. 6B60T 17/22 6G01L 5/28  
[25] EN  
[54] BRAKING SYSTEM FOR AN  
AUTOMOTIVE VEHICLE INCLUDING  
DIAGNOSING DEVICE  
[54] SYSTEME DE FREINAGE POUR  
VOITURE AUTOMOBILE INCLUANT  
SYSTEME DIAGNOSTIQUE  
[72] NITTA, HIROFUMI, JP  
[72] SUZUKI, MOTOSHI, JP  
[72] ISONO, HIROSHI, JP  
[73] TOYOTA JIDOSHA KABUSHIKI  
KAISHA, JP  
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CARPET  
[54] TAPIS A CORDON DE HUPPES  
STABLE A L'HUMIDITE  
[72] RACKLEY, ROBERT LEE, US  
[72] WANG, TEH-CHUAN, US  
[72] COVELLI, CARMEN ANOISH, US  
[72] CHENG, LAP-TAK, US  
[73] E.I. DU PONT DE NEMOURS AND  
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[25] EN  
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FOR FLEXIBLE POLYURETHANE  
FOAM AND CLEANING APPARATUS  
[54] SECHEUR EFFICACE EN  
CONTINU POUR MOUSSE  
POLYURETHANE ET APPAREIL DE  
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[72] LIBERA, JOSEPH A., US  
[72] JODY, BASSAM, US  
[72] DANIELS, EDWARD, US  
[73] THE UNIVERSITY OF CHICAGO, US  
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[25] EN  
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APPARATUS AND METHOD  
[54] APPAREIL ET METHODE DE MISE  
EN PLACE DE SOUDURE  
[72] CHERBETTCHAN, AGOP H., US  
[73] LITTON SYSTEMS, INC., US  
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- [54] PRODUITS ET PROCÉDÉS AMELIORÉS DE REMINERALISATION ET PRÉVENTION DE LA DEMINERALISATION DES DENTS
- [72] WINSTON, ANTHONY E., US
- [72] USEN, NORMAN, US
- [73] ENAMELON, INC., US
- [85] 1999-01-28
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[13] C

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- [54] LAMPE D'EXTERIEUR
- [72] SPITLER, BRIAN, US
- [72] DRAKE, MICHAEL, US
- [73] REGENT LIGHTING CORPORATION, US
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- [30] US (09/054,605) 1998-04-03

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[13] C

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- [54] SYSTEME ET PROCÉDÉ DE COMMANDE DANS UN SYSTÈME D'AFFRANCHISSEMENT UTILISANT LES DONNÉES REQUISÉES POUR IMPRIMER
- [72] PINTSOV, LEON A., US
- [72] CORDERY, ROBERT A., US
- [73] PITNEY BOWES INC., US
- [85] 1999-02-11
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- [54] COEUR DE CROISEMENT POUR AIGUILLAGES ET CROISEMENTS
- [72] LOCHSCHMIDT, OSWALD, DE
- [73] INNOVATIESTICHTING HIGH RAIL TECH, NL
- [85] 1999-02-17
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- [87] (1998007928)
- [30] DE (196 33 694.5) 1996-08-21

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- [54] ELECTRODE DE RETOUR CAPACITIVE, REUTILISABLE ET À VOCATION ELECTRO-CHIRURGICALE
- [72] FLEENOR, RICHARD P., US
- [73] MEGADYNE MEDICAL PRODUCTS, INC., US
- [85] 1999-03-09
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- [30] US (08/741,469) 1996-10-30

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[13] C

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- [25] EN
- [54] DIRECT CURRENT ELECTRIC VEHICLE DRIVE
- [54] TRANSMISSION DE VÉHICULE ÉLECTRIQUE A COURANT CONTINU
- [72] MCCOMBER, DONALD R., US
- [73] THE GATES CORPORATION, US
- [85] 1999-03-25
- [86] 1998-07-28 (US1998015624)
- [87] (1999006159)
- [30] US (08/902,562) 1997-07-29

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[13] C

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- [54] UTILISATION DE 1-HYDROXY-2-PYRIDONE POUR LE TRAITEMENT DE L'ECZEMA SEBORRHEIQUE
- [72] MARKUS, ASTRID, DE
- [72] KRAEMER, KARL THEODOR, DE
- [72] BOHN, MANFRED, DE
- [73] AVENTIS PHARMA DEUTSCHLAND GMBH, DE
- [85] 1999-03-26
- [86] 1997-09-16 (EP1997005070)
- [87] (1998013009)
- [30] DE (196 39 818.5) 1996-09-27

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[13] C

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- [25] EN
- [54] METHOD FOR PRODUCING LOW GLOSS APPEARANCE WITH UV CURABLE POWDER COATINGS
- [54] MÉTHODE POUR L'OBTENTION D'UNE APPARENCE À REFLET FAIBLE AU MOYEN DE REVÉTEMENTS EN POUDRE SECHABLES AUX UV
- [72] HALEY, RICHARD P., US
- [72] REINHEIMER, EUGENE P., US
- [72] MILL, GREGORY R., US
- [72] DALY, ANDREW T., US
- [73] MORTON INTERNATIONAL, INC., US
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[54] LAMPE POUR GRIL  
[72] MASCHHOFF, LLOYD, US  
[73] EMPIRE COMFORT SYSTEMS, US  
[22] 1999-04-07  
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[72] PATOIS, CARL, FR  
[73] RHODIA FIBER AND RESIN INTERMEDIATES, FR  
[85] 1999-03-30  
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[30] FR (96/12326) 1996-10-04

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[13] C

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[25] EN  
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[54] OUTIL ET METHODE DE FACONNAGE DE CONTENEURS CYLINDRIQUES  
[72] GORDON-CLEMENTS, RHONDA, CA  
[73] ATLANTIC INNOVATIVE ENTERPRISES, CA  
[22] 1999-04-09

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[54] ACIER INOXYDABLE AUSTENITIQUE RESISTANT A LA DETERIORATION INDUIITE PAR RAYONNEMENT NEUTRONIQUE  
[72] FUJIMOTO, KOJI, JP  
[72] IWAMURA, TOSHIHIKO, JP  
[72] YONEZAWA, TOSHIO, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[85] 1999-04-16  
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[51] Int.Cl. 6C07D 213/73 6C07D 219/08  
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[25] EN  
[54] PROCESS FOR CONVERTING NITROGEN-CONTAINING HYDROXY HETEROAROMATICS TO ARYLAMINES  
[54] PROCEDE DE CONVERSION D'HETEROAROMATIQUES HYDROXY CONTEnant DE L'AZOTE EN ARYLAMINES  
[72] WEIDNER, JOHN J., US  
[72] PEET, NORTON P., US  
[73] AVENTIS PHARMACEUTICALS INC., US  
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[13] C

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[25] EN  
[54] APPARATUS FOR RADIO-FREQUENCY BONDING OF THERMOPLASTIC MEMBERS  
[54] APPAREIL DE LIAGE D'ELEMENTS THERMOPLASTIQUES PAR RADIOFRÉQUENCES  
[72] RIEGERT, RONALD JACK, US  
[72] FRANCISCO, HARRY BERNARD, US  
[73] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-04-22  
[86] 1997-12-09 (US1997022481)  
[87] (1998025755)  
[30] US (08/761,906) 1996-12-09

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[13] C

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[25] EN  
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[54] SYNTHESE AQUEUSE D'IODOPROPARGYL CARBAMATE  
[72] NOWAK, MILTON, US  
[73] TROY TECHNOLOGY CORPORATION, INC., US  
[85] 1999-04-22  
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[87] (1998018756)  
[30] US (08/741,037) 1996-10-30

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[13] C

[51] Int.Cl. 6A61K 7/32 6D06M 15/03  
[25] EN  
[54] METHODS AND COMPOSITIONS FOR REDUCING BODY ODOR  
[54] PROCEDES ET COMPOSITIONS PERMETTANT DE REDUIRE LES ODEURS CORPORELLES  
[72] KAJS, THERESA MARIE, US  
[72] TRINH, TOAN, US  
[72] LUCAS, JULIET MARIE, US  
[72] BUCKNER, ROBIN YAGER, US  
[72] DODD, MICHAEL THOMAS, US  
[72] BARTOLO, ROBERT GREGORY, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-04-22  
[86] 1997-10-23 (US1997018954)  
[87] (1998017240)  
[30] US (08/736,471) 1996-10-24  
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[54] BIOMATERIAUX POREUX AMELIORES, ET PROCEDES DE PRODUCTION ASSOCIES  
[72] WHITE, EUGENE W., US  
[72] DEBES, JACK C., US  
[72] HARRIS, CLAYTON G., US  
[72] SHORS, EDWIN C., US  
[73] INTERPORE INTERNATIONAL, US  
[85] 1999-05-14  
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[87] (1997046178)  
[30] US (08/659,879) 1996-06-07

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[13] C

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[25] EN  
[54] FAULT TOLERANT POWER SUPPLY CIRCUIT  
[54] CIRCUIT D'ALIMENTATION INSENSIBLE AUX DEFAILLANCES  
[72] RANLOF, RICHARD A., US  
[72] ROTMAN, SIMEON Z., US  
[72] FISHMAN, OLEG S., US  
[72] MORTIMER, JOHN H., US  
[73] INDUCTOTHERM CORP., US  
[22] 1999-05-28  
[30] US (09/085,914) 1999-05-28

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[13] C

[51] Int.Cl. 6H04B 15/00  
[25] EN  
[54] COMBINED INTERFERENCE CANCELLATION AND MAXIMUM LIKELIHOOD DECODING OF SPACE-TIME BLOCK CODES  
[54] DECODAGE DE CODES COMPLETS SPATIO-TEMPORELS COMBINANT SUPPRESSION DES INTERFERENCES ET VRAISEMBLANCE MAXIMALE  
[72] NAGUIB, AYMAN F., US  
[72] SESHDRI, NAMBIRAJAN, US  
[73] AT&T CORP., US  
[85] 1999-05-31  
[86] 1998-10-06 (US1998020982)  
[87] (1999018682)  
[30] US (60/061,145) 1997-10-06  
[30] US (09/149,163) 1998-09-04

[11] 2,273,700  
[13] C

[51] Int.Cl. 6C23F 11/12  
[25] EN  
[54] A PROCESS FOR RETARDING THE FORMATION OF CORROSION ON METAL SURFACES  
[54] PROCEDE POUR RALENTIR LA FORMATION DE CORROSION SUR DES SURFACES METALLIQUES  
[72] KUHFELDT, CHARLES D., US  
[72] BRYSON, JAMES M., US  
[73] ASHLAND INC., US  
[22] 1999-06-03  
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[11] 2,275,186  
[13] C

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[73] AT&T WIRELESS SERVICES, INC., US  
[85] 1999-06-15  
[86] 1998-10-14 (US1998021578)  
[87] (1999021382)  
[30] US (08/956,130) 1997-10-22

[11] 2,275,299  
[13] C

[51] Int.Cl. 6C07D 317/66 6C07D 405/12 6A61K 31/495  
[25] EN  
[54] INDANE OR DIHYDROINDOLE DERIVATIVES  
[54] DERIVES D'INDANE OU DE DIHYDROINDOLE  
[72] MIKKELSEN, IVAN, DK  
[72] PEDERSEN, HENRIK, DK  
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[13] C

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[72] MARUYAMA, MOTOYOSHI, JP  
[72] IRIE, TAKAAKI, JP  
[72] YANO, TOMOKAZU, JP  
[72] DEMURA, MASAFUMI, JP  
[72] EGO, MITSUKI, JP  
[72] FUKUI, YOSHIHIRO, JP  
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[73] WEST JAPAN RAILWAY COMPANY, JP  
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[54] DISPOSITIF DE NETTOYAGE DE BALLE DE GOLF  
[72] SHIODA, YOSHIHIKO, US  
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[54] **SISTÈME IMPLANTABLE DE MESURE D'IMPÉDANCE**  
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[72] COMBS, WILLIAM J., US  
[72] MARTIN, ROY, US  
[72] WAHLSTRAND, JOHN D., US  
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[73] MEDTRONIC, INC., US  
[85] 1999-07-20  
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[54] **DÉPÔTÉ D'ACTIONNEMENT POUR BOMBE DE VAPORISATION AVEC MECANISME DE FIXATION AMELIORE**  
[72] BRODY, HARVEY, US  
[73] DELSHAR INDUSTRIES, INC., US  
[85] 1999-07-23  
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[73] KOM INC., CA  
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[54] **MÉTHODE DE FABRICATION DE COUCHES MINCES DESTINÉES À L'OPTIQUE NON LINÉAIRE**  
[72] NAKAMURA, NAOKI, JP  
[72] NAKAYAMA, HIDEKI, JP  
[72] MURATA, KIYOHITO, JP  
[72] HASEGAWA, HIROSHI, JP  
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[54] **KNEADING TROUGH FOR THE INDUSTRIAL PRODUCTION OF DOUGH FOR BAKING BREAD, VIENNESE BAKERY PRODUCTS, PASTRY OR THE LIKE**  
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[73] MECATHERM, FR  
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[72] HESSELBOM, HJALMAR, SE  
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[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
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[54] **APPAREIL DE DIAGNOSTIC**  
[72] MURPHY, GRAHAM FRANCIS, GB  
[73] REMOTE DIAGNOSTIC TECHNOLOGIES LTD., GB  
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[13] C

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[54] **MATERIAU POUR ELECTRODE CARBONEE DE BATTERIE SECONDAIRE NON AQUEUSE**  
[72] MASUKO, JIRO, JP  
[72] IMOTO, HIROSHI, JP  
[72] SONOBE, NAOHIRO, JP  
[72] OMARU, ATSUYO, JP  
[72] YAMADA, SHINICHIRO, JP  
[72] AZUMA, HIDETO, JP  
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[72] NAGAMINE, MASAYUKI, JP  
[73] SONY CORPORATION, JP  
[73] KUREHA KAGAKU KOGYO KABUSHIKI KAISHA, JP  
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[54] SYSTEME DE PLIAGE DE FEUILLES PERMETTANT LA VARIATION AUTOMATIQUE CONTINUE DE LA POSITION DE PLIAGE ET LA CORRECTION AUTOMATIQUE DE LA LONGUEUR ET DE L'OBliquité
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[72] BERKES, JOHN S., US
[72] FLETCHER, GERALD M., US
[73] XEROX CORPORATION, US
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[54] DISPOSITIF DE PREHENSION CONCU POUR POSITIONNER DES OBJETS DE TYPE FEUILLE
[72] MARTTILA, TOM, FI
[73] OUTOKUMPU OYJ, FI
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[54] NOUVEAU PROCEDE DE PRODUCTION DE RECEPTEURS D'ANTI-ANTIGENES HUMAINS ET LEUR UTILISATION
[72] RAUM, TOBIAS, DE
[72] KUFER, PETER, DE
[73] MICROMET AG, DE
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[72] HAMMA, JOHN C., US
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[25] EN
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[54] METHODE ET APPAREILLAGE POUR L'ANALYSE EXTERNE DE PANNEES DANS UN SYSTEME D'EXPLOITATION MULTITACHE
[72] WILDING, MARK FRANCIS, CA
[73] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA
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[51] Int.Cl. 6B04C 5/04 6B04C 11/00
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[25] EN
[54] HYDROCYCLONE FOR SEPARATING IMMISCIBLE FLUIDS AND REMOVING SUSPENDED SOLIDS
[54] HYDROCYCLONE PERMETTANT DE SEPARER DES FLUIDES NON MISCIBLES ET DE RETIRER DES SOLIDES EN SUSPENSION
[72] KAR, KANTI L., CA
[72] THEW, MARTIN T., GB
[72] HASHMI, KHALID A., CA
[72] HAMZA, HASSAN A., CA
[72] FRIESEN, WALLY I., CA
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[54] DISTRIBUTEUR D'ESSUIE-TOUT AVEC MECANISME DE MESURE
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[72] ELLIOTT, ADAM T., US
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 [54] APPAREIL EMETTEUR CAPABLE D'ATTENUER LE NIVEAU D'ENERGIE DE CRETE AVANT LE SIGNAL DE SORTIE  
 [72] UE, TOYOKI, JP  
 [72] WATANABE, MASATOSHI, JP  
 [72] HIRAMATSU, KATSUHIKO, JP  
 [72] UESUGI, MITSURU, JP  
 [73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
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 [30] JP (10-119562) 1998-04-28

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 [13] C

[51] Int.Cl. 7G01R 29/18  
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 [54] PROCEDE DE DETECTION DU SENS DE ROTATION DANS DES RESEAUX A COURANT TRIPHASE, MISE EN OEUVRE DE CE PROCEDE ET RELAIS DE SURCHARGE NUMERIQUE ASSOCIE  
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 [72] ELSNER, NORBERT, DE  
 [73] SIEMENS AKTIENGESELLSCHAFT, DE  
 [85] 1999-12-17  
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 [30] DE (197 26 231.7) 1997-06-20

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 [54] REVETEMENTS EN POUDRE DE RESINE EPOXYDE  
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 [72] RUTH, WILLIAM G., US  
 [72] SEELIG, CARRYLL A., US  
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 [73] MORTON INTERNATIONAL, INC., US  
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 [13] C

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 [25] EN  
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 [54] SYSTEME ROTATIF ET ORIENTABLE DE FORAGE DE PUITS FAISANT APPEL A UNE BOUCLE DE SERVOMECHANISME HYDRAULIQUE  
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 [72] CHANG, SHU-KONG, US  
 [73] SCHLUMBERGER CANADA LIMITED, CA  
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 [72] CASO, GREGORY S., US  
 [72] MORETTI, VINCENT C., US  
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 [25] EN  
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 [72] KANEKO, SHINICHI, JP  
 [73] NICHIHA CO., LTD., JP  
 [22] 2000-02-24  
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[11] **2,300,675**  
 [13] C

[51] Int.Cl. 7B23H 7/08  
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[11] **2,301,895**  
 [13] C

[51] Int.Cl. 7G01W 1/00  
 [25] EN  
 [54] APPARATUS AND METHOD FOR MONITORING AND REPORTING WEATHER CONDITIONS  
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 [72] DOERFEL, STEVE, US  
 [73] CAMBRIDGE MANAGEMENT ADVANCED SYSTEMS CORPORATION, US  
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COMPOSITIONS USEFUL AS FLOOR  
COVERINGS  
[54] COMPOSITIONS DE CHLORURE  
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[13] C

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[54] APPAREIL D'ASSISTANCE  
CARDIAQUE IMPLANTABLE  
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[73] ORQIS MEDICAL CORPORATION,  
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[30] US (09/166,005) 1998-10-02

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[13] C

[51] Int.Cl. 7E21B 43/16  
[25] EN  
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SUCTION INJECTION PORT  
[54] SYSTEME A COMPRESSION DE  
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[73] FLUID COMPRESSOR CORP., US  
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[13] C

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[54] PROCEDE ET SYSTEME DE  
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[73] ANDREW CORPORATION, US  
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[13] C

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[25] EN  
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IMAGE CODING METHOD, IMAGE  
DECODING APPARATUS AND IMAGE  
DECODING METHOD  
[54] DISPOSITIF DE CODAGE  
D'IMAGE, PROCEDE DE CODAGE  
D'IMAGE, DISPOSITIF DE DECODAGE  
D'IMAGE ET PROCEDE DE  
DECODAGE D'IMAGE  
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[72] HASEGAWA, YURI, JP  
[72] ISU, YOSHIMI, JP  
[72] KURODA, SHINICHI, JP  
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[73] MITSUBISHI DENKI KABUSHIKI  
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[30] JP (10/54694) 1998-03-06

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[13] C

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[25] EN  
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WELL BORE  
[54] METHODE ET DISPOSITIF POUR  
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PUITS DE FORAGE  
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[22] 2000-05-18  
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[25] EN  
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STITCH SEAM FOR DRAINAGE (II)  
[54] CHAUSSURE IMPERMEABLE  
AVEC COUTURE PERMETTANT  
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[72] CHEN, EDDIE, XX  
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[13] C

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[25] EN  
[54] DEVICE AND METHOD FOR  
GENERATING SPREADING CODE AND  
SPREADING CHANNEL SIGNALS  
USING SPREADING CODE IN CDMA  
COMMUNICATION SYSTEM  
[54] DISPOSITIF ET PROCEDE POUR  
GENERER DES SIGNAUX DE CODES  
D'ETALEMENT ET DE CANAUX  
D'ETALEMENT A L'AIDE D'UN CODE  
D'ETALEMENT DANS UN SYSTEME  
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[72] PARK, CHANG-SOO, KR  
[72] KIM, JE-WOO, KR  
[72] WOO, JUNG-HYO, KR  
[72] AHN, JAE-MIN, KR  
[73] SAMSUNG ELECTRONICS CO.,  
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[13] C

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6C03C 6/08 6C03C 3/087 6C03C 6/10  
6C03C 8/14  
[25] EN  
[54] A METHOD OF RECYCLING  
MIXED COLORED CULLET INTO  
AMBER, GREEN OR FLINT GLASS  
[54] PROCEDE DE RECYCLAGE DE  
GRESIL COLORE MELANGE POUR  
PRODUIRE DU VERRE AMBRE, DU  
VERRE VERT OU DU FLINT-GLASS  
[72] MOSCH, DUANE A., US  
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[86] 1997-12-17 (US1997023889)  
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[13] C

[51] Int.Cl. 6E06B 3/663  
[25] EN  
[54] MULTI-SHEET GLAZING UNIT  
AND METHOD OF MAKING SAME  
[54] UNITE DE VITRAGE  
MULTICOUCHE ET PROCEDE DE  
FABRICATION  
[72] MCCANDLESS, JACK B., US  
[72] THOMPSON, ALBERT E., JR., US  
[72] SINGLETON, DAVID E., US  
[72] BOONE, BRADLEY P., US  
[72] CRANDELL, STEPHEN L., US  
[73] PPG INDUSTRIES OHIO, INC., US  
[85] 2000-07-18  
[86] 1999-01-29 (US1999001959)  
[87] (1999039072)  
[30] US (09/016,536) 1998-01-30  
[30] US (09/016,535) 1998-01-30  
[30] US (09/078,785) 1998-05-14

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[11] 2,320,858  
[13] C

[51] Int.Cl. 6H04B 7/005  
[25] EN  
[54] METHOD AND APPARATUS FOR  
PROVIDING A TIME ADJUSTMENT TO  
A WIRELESS COMMUNICATION  
SYSTEM  
[54] PROCEDE ET APPAREIL  
PERMETTANT LE REGLEAGE DU  
RYTHME DANS UN SYSTEME DE  
COMMUNICATION SANS FIL  
[72] KRZYSTYNIAK, MICHAEL  
ANTHONY, US  
[72] HALL, SCOTT MAURICE, US  
[72] WARNER, SHAWN ALLISON, US  
[73] MOTOROLA, INC., US  
[85] 2000-08-16  
[86] 1999-01-26 (US1999001660)  
[87] (1999044306)  
[30] US (09/032,005) 1998-02-27

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[11] 2,322,399  
[13] C

[51] Int.Cl. 7F25J 1/02  
[25] EN  
[54] GAS LIQUEFACTION PROCESS  
WITH PARTIAL CONDENSATION OF  
MIXED REFRIGERANT AT  
INTERMEDIATE TEMPERATURES  
[54] PROCEDE DE LIQUEFACTION DE  
GAZ AVEC CONDENSATION  
PARTIELLE D'UN FLUIDE  
CALOPORTEUR MIXTE A DES  
TEMPERATURES INTERMEDIAIRES  
[72] AGRAWAL, RAKESH, US  
[72] DAUGHERTY, TAMARA LYNN, US  
[72] ROBERTS, MARK JULIAN, US  
[73] AIR PRODUCTS AND CHEMICALS,  
INC., US  
[22] 2000-10-05  
[30] US (09/415,837) 1999-10-12

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[11] 2,323,339  
[13] C

[51] Int.Cl. 7E04C 5/07  
[25] EN  
[54] STRUCTURAL REINFORCEMENT  
MEMBER AND METHOD OF  
UTILIZING THE SAME TO  
REINFORCE A PRODUCT  
[54] RENFORT STRUCTURAL ET  
TECHNIQUE D'UTILISATION DE  
CELUI-CI POUR RENFORCER UN  
PRODUIT  
[72] BROWN, GORDON L., JR., US  
[72] MESSENGER, HAROLD G., US  
[73] CLARK SCHWEBEL TECH-FAB  
COMPANY, US  
[22] 2000-10-16  
[30] US (09/422,701) 1999-10-21

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[11] 2,323,790  
[13] C

[51] Int.Cl. 6C10M 159/00 6C10M 163/00  
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22 6C10M 159/24  
[25] EN  
[54] LUBRICATING OIL HAVING  
IMPROVED FUEL ECONOMY  
RETENTION PROPERTIES  
[54] HUILE LUBRIFIANTE  
PRESENTANT DES PROPRIETES  
AMELIOREES DE MAINTIEN  
D'ECONOMIE DE CARBURANT  
[72] BOFFA, ALEXANDER BOWMAN, US  
[73] INFINEUM USA L.P., US  
[85] 2000-09-12  
[86] 1999-03-09 (EP1999001527)  
[87] (1999047629)  
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[11] 2,324,316  
[13] C

[51] Int.Cl. 6A61N 1/365 6A61N 1/37  
[25] EN  
[54] SYSTEM FOR DERIVING  
RELATIVE PHYSIOLOGIC SIGNALS  
[54] SYSTEME PERMETTANT DE  
DERIVER DES SIGNAUX  
PHYSIOLOGIQUES RELATIFS  
[72] GOEDEKE, STEVEN D., US  
[73] MEDTRONIC, INC., US  
[85] 2000-09-18  
[86] 1999-02-10 (US1999002931)  
[87] (1999047205)  
[30] US (09/044,613) 1998-03-19

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[11] 2,325,274  
[13] C

[51] Int.Cl. 7G07D 13/00  
[25] EN  
[54] PAPER IDENTIFICATION  
COUNTER AND PAPER  
IDENTIFICATION AND COUNTING  
METHOD  
[54] COMPTEUR D'IDENTIFICATION  
DE FEUILLES DE PAPIER,  
IDENTIFICATION DES FEUILLES ET  
METHODE DE COMPTAGE  
[72] OGAWA, TAKAHIRO, JP  
[72] ABE, HIDEO, JP  
[72] SHINKAI, MAKOTO, JP  
[72] TAKAGI, YOSHIKAZU, JP  
[72] SHIMADA, HIROYUKI, JP  
[73] BILLCON CORPORATION, JP  
[22] 2000-11-09  
[30] JP (166679/2000) 2000-06-02

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[11] 2,329,268  
[13] C

[51] Int.Cl. 7B60L 3/00 7B60K 6/02  
[25] EN  
[54] VARIABLE CURRENT LIMIT  
CONTROL FOR VEHICLE ELECTRIC  
DRIVE SYSTEM  
[54] LIMITEUR DE COURANT  
VARIABLE POUR LE SYSTEME DE  
TRANSMISSION ELECTRIQUE D'UN  
VEHICULE  
[72] LEMMON, NORMAN FREDERICK,  
US  
[72] NEWENDORP, BRUCE CRAIG, US  
[72] KASTEN, ROBERT EUGENE, US  
[73] DEERE & COMPANY, US  
[22] 2000-12-20  
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[13] C

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[25] EN  
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[54] CHARIOT D'EQUERRAGE A DOIGTS PNEUMATIQUES D'EQUERRAGE  
[72] SCHENONE, MICHAEL A., US  
[72] NEUENSCHWANDER, LUC-ANDRE, US  
[72] CUGNONI, DANIEL, CH  
[72] MARSTON, KEVIN, US  
[73] BOBST GROUP, INC., US  
[85] 2000-11-28  
[86] 1999-07-09 (US1999014130)  
[87] (2000002721)  
[30] US (60/092,144) 1998-07-09

[11] 2,337,080  
[13] C

[51] Int.Cl. 7B32B 27/00 7B32B 27/36  
[25] EN  
[54] LAMINATED PLASTIC MOLDED BODY  
[54] CORPS MOULE POUR PLASTIQUE STRATIFIE  
[72] ABE, MINORU, JP  
[72] OTA, AKIHO, JP  
[72] SUZUKI, MASATO, JP  
[73] YOSHINO KOGYOSHO CO., LTD., JP  
[85] 2001-01-11  
[86] 2000-05-12 (JP2000003059)  
[87] (2000069627)  
[30] JP (11/131123) 1999-05-12

[11] 2,341,469  
[13] C

[51] Int.Cl. 6G01V 1/30  
[25] EN  
[54] AUTOMATED SEISMIC FAULT DETECTION AND PICKING  
[54] SYSTEME AUTOMATISE DE DETECTION ET DE POINTAGE SISMIQUES DES FAILLES  
[72] GRISMORE, JOHN R., US  
[72] LUCAS, WILLIAM A., US  
[72] NEFF, DENNIS B., US  
[73] CONOCOPHILLIPS COMPANY, US  
[85] 2001-02-21  
[86] 1999-08-12 (US1999018473)  
[87] (2000014575)  
[30] US (09/145,811) 1998-09-02

[11] 2,341,805  
[13] C

[51] Int.Cl. 7A61K 31/19 7A61P 25/06  
7A61P 25/08 7A61P 25/24  
[25] EN  
[54] CONTROLLED RELEASE FORMULATION OF DIVALPROEX SODIUM  
[54] PREPARATION DE VALPROATE DE SODIUM A LIBERATION CONTROLEE  
[72] BOLLINGER, J. DANIEL, US  
[72] QIU, YIHONG, US  
[72] DUTTA, SANDEEP, US  
[72] ENGH, KEVIN R., US  
[72] CHESKIN, HOWARD S., US  
[72] POSKA, RICHARD P., US  
[73] ABBOTT LABORATORIES, US  
[22] 2001-03-23  
[30] US (09/748,567) 2000-12-22

[11] 2,341,947  
[13] C

[51] Int.Cl. 7G01V 3/32  
[25] EN  
[54] MAGNETIC RESONANCE IMAGING IN A BOREHOLE  
[54] IMAGERIE PAR RESONANCE MAGNETIQUE DANS UN TROU DE SONDE  
[72] SUN, BOQIN, US  
[72] TAHERIAN, REZA, US  
[72] SEZGINER, ABDURRAHMAN, US  
[72] CRARY, STEVEN F., US  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[22] 2001-03-22  
[30] US (09/605,805) 2000-06-28

[11] 2,342,809  
[13] C

[51] Int.Cl. 7F02C 7/00  
[25] EN  
[54] GAS TURBINE AND REPAIR METHOD THEREFOR  
[54] TURBINE A GAZ, ET METHODE DE REPARATION CONNEXE  
[72] SAKURAI, SHIGEO, JP  
[72] SEKIHARA, MASARU, JP  
[73] HITACHI, LTD., JP  
[22] 2001-03-28  
[30] JP (2000-285230) 2000-09-14

[11] 2,343,812  
[13] C

[51] Int.Cl. 7H02M 5/45 7H02J 3/36  
7H02J 3/38  
[25] EN  
[54] ELECTRICAL POWER TRANSMISSION SYSTEM  
[54] INSTALLATION DE TRANSPORT D'ENERGIE ELECTRIQUE  
[72] WOBKEN, ALOYS, DE  
[73] WOBKEN, ALOYS, DE  
[85] 2001-03-09  
[86] 1999-07-29 (EP1999005434)  
[87] (2000021186)  
[30] DE (198 45 903.3) 1998-10-05

[11] 2,346,251  
[13] C

[51] Int.Cl. 6G01R 23/16  
[25] EN  
[54] A METHOD AND SYSTEM FOR UPDATING NOISE ESTIMATES DURING PAUSES IN AN INFORMATION SIGNAL  
[54] PROCEDE ET SYSTEME DE MISE A JOUR D'EVALUATIONS DE BRUIT LORS DES PAUSES DANS UN SIGNAL D'INFORMATIONS  
[72] WINN, STEVE, US  
[73] NCT GROUP, INC., US  
[85] 2001-04-03  
[86] 1999-10-06 (US1999023285)  
[87] (2000022444)  
[30] US (09/170,594) 1998-10-13

[11] 2,346,306  
[13] C

[51] Int.Cl. 7C11D 1/62 7C11D 3/22  
7C11D 3/37  
[25] EN  
[54] DETERGENT COMPOSITIONS OR COMPONENTS  
[54] COMPOSITIONS OU COMPOSANTS DETERGENTS  
[72] HELTOVICS, GABOR, GB  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-04-04  
[86] 1999-10-06 (US1999023148)  
[87] (2000022075)  
[30] US (60/103,978) 1998-10-13  
[30] EP (9905475.1) 1999-03-11  
[30] US (60/148,053) 1999-08-10

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[13] C

[51] Int.Cl. 7C11D 1/22 7C11D 17/00  
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7C11D 1/72 7C11D 1/722 7C11D 1/75  
7C11D 1/83  
[25] EN  
[54] LAUNDRY DETERGENTS  
COMPRISING MODIFIED  
ALKYLBENZENE SULFONATES  
[54] DETERGENTS A LESSIVE  
COMPRENANT DES  
ALCOYLBENZENESULFONATES  
MODIFIES  
[72] BURCKETT-ST. LAURENT, JAMES  
CHARLES THEOPHILE ROGER, US  
[72] SCHEIBEL, JEFFREY JOHN, US  
[72] KOTT, KEVIN LEE, US  
[72] SEVERSON, ROLAND GEORGE, US  
[72] CRIPE, THOMAS ANTHONY, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2001-04-06  
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[87] (2000023548)  
[30] US (60/104,962) 1998-10-20

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[11] **2,348,892**  
[13] C

[51] Int.Cl. 7A61K 7/16  
[25] EN  
[54] METHOD OF REDUCING  
STAINING OF STANNOUS IN  
DENTIFRICE COMPOSITIONS  
[54] PROCEDE POUR REDUIRE LES  
TACHES DES COMPOSES STANNEUX  
DANS DES COMPOSITIONS DE  
DENTIFRICE  
[72] GLANDORF, WILLIAM MICHAEL,  
US  
[72] BACCA, LORI ANN, US  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2001-05-01  
[86] 1999-11-23 (US1999027809)  
[87] (2000032159)  
[30] US (09/203,216) 1998-11-30

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[11] **2,357,622**  
[13] C

[51] Int.Cl. 7C04B 18/16 7B28C 9/00  
[25] EN  
[54] CONCRETE RECOVERY SYSTEM  
[54] SYSTEME DE RECUPERATION DU  
BETON  
[72] BECKHAM, DAVID JAMES, CA  
[72] FULLAM, MICHAEL JOHN, CA  
[72] LOWE, ALAN JOSEPH, CA  
[73] KNELSON PATENTS INC., CA  
[22] 2001-09-24  
[30] US (60/268,082) 2001-02-13

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[11] **2,363,156**  
[13] C

[51] Int.Cl. 7A61K 7/32 7A61K 7/36  
[25] EN  
[54] DEODORANT COMPOSITIONS  
[54] COMPOSITIONS  
DESODORISANTES  
[72] CAUSTON, BRIAN EDWARD, GB  
[72] TAVERN, SYDNEY CHRISTOPHER,  
GB  
[73] THE GILLETTE COMPANY, US  
[85] 2001-08-13  
[86] 2000-02-23 (US2000004497)  
[87] (2000049996)  
[30] GB (9904557.7) 1999-02-26

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[11] **2,365,272**  
[13] C

[51] Int.Cl. 7G11B 17/04 7G11B 19/00  
7G11B 25/04 7G11B 19/20  
[25] EN  
[54] DISC RECORDING AND/OR  
REPRODUCING APPARATUS  
[54] APPAREIL D'ENREGISTREMENT  
ET/OU DE LECTURE A DISQUE  
[72] TAKAMATSU, ATSUSHI, JP  
[72] FUKUYAMA, YUTAKA, JP  
[72] ITO, SHINJI, JP  
[73] SONY CORPORATION, JP  
[22] 1994-01-27  
[62] 2,114,378  
[30] JP (PO5-034455) 1993-01-29

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[11] **2,366,299**  
[13] C

[51] Int.Cl. 7B23C 3/13  
[25] EN  
[54] SURFACE CUTTING OF HOT-  
ROLLED STEEL PRODUCTS  
[54] SURFACE DE COUPE DE  
PRODUITS EN ACIER LAMEE A  
CHAUD  
[72] ISOYAMA, SHIGERU, JP  
[72] YUKI, ATSUSHI, JP  
[72] KURODA, MOTOFUMI, JP  
[72] SHIMIZU, MASUTO, JP  
[72] HIRABAYASHI, TAKESHI, JP  
[72] NAKAGAWA, TADASHI, JP  
[72] NIKAIDO, HIDEYUKI, JP  
[72] HAYASHI, KANJI, JP  
[72] TASHIRO, SHOZO, JP  
[72] ICHIKIZAKI, TETSUO, JP  
[72] KATSURA, SHIGEFUMI, JP  
[72] TAKAGI, MITSUHIRO, JP  
[72] AMAGASA, TOSIAKI, JP  
[73] MITSUBISHI JUKOGYO KABUSHIKI  
KAISHA, JP  
[73] KAWASAKI STEEL CORPORATION,  
JP  
[22] 1996-07-23  
[62] 2,200,740  
[30] JP (7/187176) 1995-07-24  
[30] JP (7/198719) 1995-08-03  
[30] JP (7/203063) 1995-08-09  
[30] JP (7/205484) 1995-08-11  
[30] JP (7/217362) 1995-08-25  
[30] JP (7/238712) 1995-09-18

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[11] **2,374,065**  
[13] C

[51] Int.Cl. 7B32B 27/36 7B32B 27/34  
[25] EN  
[54] LAMINATED PLASTIC MOLDED  
BODY  
[54] CORPS MOULE POUR PLASTIQUE  
STRATIFIE  
[72] SUZUKI, MASATO, JP  
[72] OTA, AKIHO, JP  
[73] YOSHINO KOGYOSHO CO., LTD., JP  
[85] 2001-11-08  
[86] 2000-05-12 (JP2000003058)  
[87] (2001085450)

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[11] **2,382,275**  
[13] C

[51] Int.Cl. 7A61K 31/165 7A61K 9/14

[25] EN

[54] MODAFINIL HAVING DEFINED  
PARTICLE SIZE

[54] MODAFINIL A GROSSEUR DE  
PARTICULE DEFINI

[72] CORVARI, VINCENT, US

[72] GREBOW, PETER E., US

[72] STONG, DAVID, US

[73] CEPHALON, INC., US

[22] 1995-10-04

[62] 2,201,967

[30] US (08/319,124) 1994-10-06

[30] US (08/319,124(CON)) 1994-10-06

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[11] **2,387,561**  
[13] C

[51] Int.Cl. 7B01D 53/86 7B01J 35/04

7F01N 3/28 7B01D 53/94

[25] EN

[54] CONVERSION OF NITROGEN  
OXIDES IN THE PRESENCE OF A  
CATALYST SUPPORTED OF A MESH-  
LIKE STRUCTURE

[54] CONVERSION D'OXYDES  
D'AZOTE EN PRESENCE D'UN  
CATALYSEUR SUR SUPPORT A  
STRUCTURE DE TYPE A MAILLES

[72] TRUBAC, ROBERT E., US

[72] OVERBEEK, RUDOLF A., US

[72] CHANG, YUN-FENG, US

[72] MURRELL, LAWRENCE L., US

[72] SCHMIDT, VERENA R., CH

[72] SCHUH, LOTHAR, DE

[72] CARLBORG, JOAKIM A., SE

[72] YEH, CHUEN Y., US

[73] ABB LUMMUS GLOBAL, INC., US

[85] 2002-04-12

[86] 2000-10-13 (US2000028473)

[87] (2001028665)

[30] US (60/159,800) 1999-10-15

[30] US (60/222,261) 2000-07-31

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[21] 2,383,607  
[13] A1

[51] Int.Cl. 7C07K 14/14 7A61K 39/15  
7C07K 14/18  
[25] EN  
[54] BOVINE VIRAL DIARRHEA VIRUS  
(BVDV) P80 AND P80.DELTA.50  
PROTEINS AS INDUCERS OF CELL  
APOPTOSIS IN VITRO  
[54] PROTEINES P80 ET P80.DELTA.50  
DU VIRUS DE LA DIARRHEE VIRALE  
BOVINE (BVDV) COMME  
INDUCTEURS DE L'APOPTOSE  
CELLULAIRE IN VITRO  
[72] UNKNOWN, ZZ  
[71] UNIVERSITE DU QUEBEC A  
MONTREAL, CA  
[22] 2002-05-27  
[43] 2003-11-27

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[21] 2,385,511  
[13] A1

[51] Int.Cl. 7A01B 73/04  
[25] FR  
[54] SYSTEME DE LEVIER L. ASSELIN  
[54] L. ASSELIN LEVER SYSTEM  
[72] ASSELIN, JEAN-NOEL, CA  
[71] ASSELIN, JEAN-NOEL, CA  
[22] 2002-05-23  
[43] 2003-11-23

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[21] 2,386,306  
[13] A1

[51] Int.Cl. 7B60R 27/00 7B60R 16/04  
7H02J 7/14  
[25] EN  
[54] WHEEL BATTERY CHARGER  
[54] CHARGEUR DE BATTERIE A  
ROUE  
[72] VETRANO, NICOLA, CA  
[71] VETRANO, NICOLA, CA  
[22] 2002-05-24  
[43] 2003-11-24

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[21] 2,386,309  
[13] A1

[51] Int.Cl. 7H04Q 3/52 7G02B 26/00  
7H04B 10/12  
[25] EN  
[54] COMPACT DESIGN OF 1XN  
FIBER-OPTIC SWITCH USING LEMAN  
PRISM AND STEP-MOTOR  
[54] CONCEPTION COMPACTE D'UN  
COMMUTATEUR OPTIQUE 1XN  
FAISANT APPEL A UN PRISME DE  
LEMAN ET A UN MOTEUR PAS A PAS  
[72] SUN, DE-GUI, CA  
[71] SUN, DE-GUI, CA  
[22] 2002-05-28  
[43] 2003-11-28

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[21] 2,386,316  
[13] A1

[51] Int.Cl. 7A61F 5/56 7A61B 5/103  
[25] EN  
[54] THE SNORING ALERT DEVICE  
[54] AVERTISSEUR DE RONFLEMENT  
[72] KILANI, ABDUL RAHMAN, CA  
[71] KILANI, ABDUL RAHMAN, CA  
[22] 2002-05-24  
[43] 2003-11-24

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[21] 2,386,331  
[13] A1

[51] Int.Cl. 7G02B 6/27 7H04B 10/18  
[25] EN  
[54] LOW LOSS AND LOW  
POLARIZATION DEPENDENCE  
WAVEGUIDE VARIABLE OPTICAL  
ATTENUATOR  
[54] ATTENUATEUR OPTIQUE  
VARIABLE POUR GUIDES D'ONDES, A  
FAIBLE DEPENDANCE A LA  
POLARISATION ET A FAIBLE  
ATTENUATION  
[72] SUN, DE-GUI, CA  
[71] SUN, DE-GUI, CA  
[22] 2002-05-28  
[43] 2003-11-28

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[21] 2,386,340  
[13] A1

[51] Int.Cl. 7B23K 37/04 7B23K 5/00  
[25] EN  
[54] MOBILE GAS PRESSURE  
WELDING MACHINE  
[54] MACHINE DE SOUDAGE AU GAZ  
PAR PRESSION MOBILE  
[72] BOSTIK, KAREL, CA  
[71] BOSTIK, KAREL, CA  
[22] 2002-05-29  
[43] 2003-11-29

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[21] 2,386,344  
[13] A1

[51] Int.Cl. 7A01K 63/00 7G01G 15/00  
7G01G 17/08  
[25] EN  
[54] SMOLT AND FRY WEIGH  
MEASURE BOX  
[54] BOITE DE MESURE DU POIDS DES  
SAUMONEAUX ET DES ALEVINS  
[72] ERIKSEN, GRANT, CA  
[71] ERIKSEN, GRANT, CA  
[22] 2002-05-27  
[43] 2003-11-27  
[30] CA (2,386,344) 2002-05-27

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[21] 2,386,349  
[13] A1

[51] Int.Cl. 7F01C 1/00  
[25] FR  
[54] FORMES CYLINDRIQUES  
IDEALES POUR MOTEURS POLY  
INDUCTIFS  
[54] CYLINDRICAL FORMS IDEAL  
FOR POLY-INDUCTION MOTORS  
[72] BEAUDOIN, NORMAND, CA  
[71] BEAUDOIN, NORMAND, CA  
[22] 2002-05-27  
[43] 2003-11-27

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[51] Int.Cl. 7F02B 75/00  
 [25] FR  
 [54] MOTEUR ENERGETIQUE A RETENTION  
 [54] POWER MOTOR WITH RETENTION  
 [72] BEAUDOIN, NORMAND, CA  
 [71] BEAUDOIN, NORMAND, CA  
 [22] 2002-05-27  
 [43] 2003-11-27

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[21] 2,386,352  
 [13] A1

[51] Int.Cl. 7H04Q 3/52 7G02B 26/00  
 7H04B 10/12  
 [25] EN  
 [54] NXN OPTICAL MATRIX SWITCH USING MODIFIED CROSS-CONNECT OF 1XN SWITCHES  
 [54] COMMUTATEUR MATRICIEL OPTIQUE NXN FAISANT APPEL A L'INTERCONNEXION MODIFIEE DE COMMUTATEURS 1XN  
 [72] SUN, DE-GUI, CA  
 [71] SUN, DE-GUI, CA  
 [22] 2002-05-28  
 [43] 2003-11-28

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[21] 2,386,353  
 [13] A1

[51] Int.Cl. 7F01C 1/00  
 [25] FR  
 [54] MACHINE MOTRICE A EXPLOSION CENTRALE  
 [54] CENTRE-FIRING PRIMARY ENGINE  
 [72] BEAUDOIN, NORMAND, CA  
 [71] BEAUDOIN, NORMAND, CA  
 [22] 2002-05-27  
 [43] 2003-11-27

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[21] 2,386,355  
 [13] A1

[51] Int.Cl. 7F02B 75/00  
 [25] FR  
 [54] SYNTHESE DES MOTEURS A TEMPS MORT ANNULLES  
 [54] SUMMARY OF MOTORS WITH NO IDLE TIME  
 [72] BEAUDOIN, NORMAND, CA  
 [71] BEAUDOIN, NORMAND, CA  
 [22] 2002-05-27  
 [43] 2003-11-27

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[21] 2,386,359  
 [13] A1

[51] Int.Cl. 7A61G 17/00  
 [25] FR  
 [54] CERCUEIL PERSONNALISE  
 [54] PERSONALIZED COFFIN  
 [72] UNKNOWN, ZZ  
 [71] BCH UNIQUE INC., CA  
 [22] 2002-05-28  
 [43] 2003-11-28

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[21] 2,386,363  
 [13] A1

[51] Int.Cl. 7F02M 31/10  
 [25] FR  
 [54] SYSTEME DE COMBUSTION COMPLETE DES CARBURANTS (ESSENCE/DIESEL) POUR MOTEURS (4 TEMPS) REFROIDIS A L'EAU PAR RADIATEURS  
 [54] SYSTEM OF COMPLETE COMBUSTION OF GASOLINE AND DIESEL FUEL FOR RADIATOR WATER-COOLED 4-CYCLE ENGINES  
 [72] BEAUDOIN, LUC, CA  
 [71] BEAUDOIN, LUC, CA  
 [22] 2002-05-28  
 [43] 2003-11-28

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[21] 2,386,368  
 [13] A1

[51] Int.Cl. 7C13G 1/00  
 [25] FR  
 [54] INVERSEUR  
 [54] REVERSING DEVICE  
 [72] BILODEAU, SYLVAIN, CA  
 [71] BILODEAU, SYLVAIN, CA  
 [22] 2002-05-29  
 [43] 2003-11-29

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[21] 2,386,380  
 [13] A1

[51] Int.Cl. 7C08J 7/06 7G02B 1/00 7C08J 7/04 7C23C 14/08 7G02B 6/12  
 [25] EN  
 [54] HEAVY METAL OXIDE THIN FILM, ACTIVE AND PASSIVE PLANAR WAVEGUIDES AND OPTICAL DEVICES  
 [54] COUCHE MINCE A BASE D'OXYDE DE METAUX LOURDS ET GUIDE D'ONDES PLANS PASSIFS ET ACTIFS ET DISPOSITIFS OPTIQUES  
 [72] SAAD, MOHAMMED, CA  
 [71] SAAD, MOHAMMED, CA  
 [22] 2002-05-27  
 [43] 2003-11-27

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[21] 2,386,444  
 [13] A1

[51] Int.Cl. 7B60G 17/00  
 [25] EN  
 [54] PREVENTING ACCIDENTS BY IMPROVING HEIGHT CONTROL  
 [54] PREVENTION D'ACCIDENTS PAR L'AMELIORATION DE LA COMMANDE DE HAUTEUR  
 [72] GILLIAT, JOHN EDWARD, CA  
 [71] GILLIAT, JOHN EDWARD, CA  
 [22] 2002-05-27  
 [43] 2003-11-27

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[21] 2,386,475  
 [13] A1

[51] Int.Cl. 7F23G 7/08 7E21B 43/38  
 [25] EN  
 [54] EZY TESTER  
 [54] DISPOSITIF D'ESSAI  
 [72] BONEHAM, JIM, CA  
 [72] GIESE, ROY, CA  
 [71] BONEHAM, JIM, CA  
 [71] GIESE, ROY, CA  
 [22] 2002-05-27  
 [43] 2003-11-27

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[21] 2,386,483  
 [13] A1

[51] Int.Cl. 7B08B 1/00  
 [25] EN  
 [54] GRILL SAVER  
 [54] GRATTOIR DE GRIL  
 [72] READ, BRADLEY, CA  
 [72] UNGER, ELDON, CA  
 [71] READ, BRADLEY, CA  
 [71] UNGER, ELDON, CA  
 [22] 2002-05-27  
 [43] 2003-11-27

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[21] 2,386,489  
 [13] A1

[51] Int.Cl. 7B60R 22/10  
 [25] EN  
 [54] ACCESSORY SEAT-BELT BUCKLE RESTRAINT  
 [54] DISPOSITIF DE BLOCAGE DE BOUCLE DE CEINTURE DE SECURITE  
 [72] SIROIS, LUCILLE, CA  
 [71] SIROIS, LUCILLE, CA  
 [22] 2002-05-27  
 [43] 2003-11-27

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**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,386,743**  
 [13] A1

[51] Int.Cl. 7A63F 3/00  
 [25] EN  
 [54] A METHOD FOR PLAYING A BOARD GAME  
 [54] METHODE DE JEU DE TABLE  
 [72] ORR, JOAN, CA  
 [71] ORR, JOAN, CA  
 [22] 2002-05-27  
 [43] 2003-11-27

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[21] **2,387,245**  
 [13] A1

[51] Int.Cl. 7E05C 3/14  
 [25] EN  
 [54] HOG'S LATCH  
 [54] LOQUET DE BARRIERE  
 [72] CHOQUETTE, EMILE, CA  
 [71] CHOQUETTE, EMILE, CA  
 [22] 2002-05-24  
 [43] 2003-11-24

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[21] **2,387,257**  
 [13] A1

[51] Int.Cl. 7C10C 3/00 7B01D 19/00  
 [25] EN  
 [54] STATIC DEAERATION CONDITIONER FOR PROCESSING OF BITUMEN FROTH  
 [54] CONDITIONNEUR FIXE DE DESAERATION POUR LE TRAITEMENT DE LA MOUSSE DE BITUME  
 [72] MADGE, DONALD NORMAN, CA  
 [72] STEVENS, GEOFFREY STEWART, CA  
 [72] STRAND, WILLIAM LESTER, CA  
 [71] SUNCOR ENERGY INC., CA  
 [22] 2002-05-23  
 [43] 2003-11-23

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[21] **2,387,275**  
 [13] A1

[51] Int.Cl. 7A47G 25/48  
 [25] EN  
 [54] GARMENT HANGER  
 [54] CINTRE  
 [72] SUGGITT, ROBERT, CA  
 [71] FUTURE VISION HOMES, CA  
 [22] 2002-05-23  
 [43] 2003-11-23

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[21] **2,387,278**  
 [13] A1

[51] Int.Cl. 7H04L 12/16 7G06F 17/60  
 [25] EN  
 [54] INDIVIDUAL RELATIONSHIP MANAGEMENT SYSTEM & METHOD  
 [54] SYSTEME ET METHODE DE GESTION DE LIENS ENTRE PERSONNES  
 [72] BOULANGER, CHARLES, CA  
 [71] BOULANGER, CHARLES, CA  
 [22] 2002-05-23  
 [43] 2003-11-23

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[21] **2,387,297**  
 [13] A1

[51] Int.Cl. 7G06F 17/60 7G06F 7/04  
 7G06F 17/20 7G06F 17/27  
 [25] EN  
 [54] CONSTRUCTION OF A SYSTEM OF CATEGORIES FOR LISTS  
 [54] SYSTEME D'ETABLISSEMENT DE CATEGORIES POUR LISTES  
 [72] HEJL, PETR, CA  
 [71] HEJL, PETR, CA  
 [22] 2002-05-24  
 [43] 2003-11-24

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[21] **2,387,304**  
 [13] A1

[51] Int.Cl. 7B65D 25/28  
 [25] EN  
 [54] RECYCLABLE CUP HANDLE  
 [54] POIGNEE RECYCLABLE ISOLANTE POUR TASS  
 [72] PUERINI, RUSSELL, US  
 [71] PUERINI, RUSSELL, US  
 [22] 2002-05-28  
 [43] 2003-11-28

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[21] **2,387,310**  
 [13] A1

[51] Int.Cl. 7B21C 37/04 7H01B 13/00  
 [25] EN  
 [54] APPARATUS FOR MANUFACTURING WIRE  
 [54] APPAREIL POUR LA FABRICATION DE FIL METALLIQUE  
 [72] TSAI, CHENG-LANG, CN  
 [71] TSAI, CHENG-LANG, CN  
 [22] 2002-05-24  
 [43] 2003-11-24

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[21] **2,387,324**  
 [13] A1

[51] Int.Cl. 7G06F 12/14 7G06F 11/00  
 7H04L 9/00 7H04L 12/26  
 [25] EN  
 [54] SAVE AND COMPARE METHOD TO DETECT CORRUPTION OF WWW PAGES  
 [54] METHODE D'ENREGISTREMENT ET DE COMPARAISON PERMETTANT DE DETECTER LA CORRUPTION DES PAGES WWW  
 [72] HEJL, PETR, CA  
 [71] HEJL, PETR, CA  
 [22] 2002-05-24  
 [43] 2003-11-24

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[21] **2,387,328**  
 [13] A1

[51] Int.Cl. 7H04Q 7/36 7H04L 29/10  
 [25] EN  
 [54] MOBILE TERMINAL SYSTEM  
 [54] TERMINAL MOBILE  
 [72] PEZESHKI, FARHAD, CA  
 [71] DIVERSINET CORP., CA  
 [22] 2002-05-24  
 [43] 2003-11-24

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[21] **2,387,421**  
 [13] A1

[51] Int.Cl. 7G06F 3/14 7G06F 1/16  
 [25] EN  
 [54] PERSONAL COMPUTERS HAVING A PLURALITY OF DISPLAYS  
 [54] ORDINATEURS PERSONNELS A PLUSIEURS AFFICHAGES  
 [72] SHIRAIWA, SHINICHIRO, JP  
 [71] PRODUCTION TECHNOLOGY CORPORATION, JP  
 [22] 2002-05-24  
 [43] 2003-11-24

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[21] **2,387,443**  
[13] A1

[51] Int.Cl. 7B01J 8/02 7G01N 35/00  
[25] EN  
[54] IMPROVED APPARATUS AND  
METHOD FOR TRAPPING BEAD  
BASED REAGENTS WITHIN  
MICROFLUIDIC ANALYSIS SYSTEMS  
[54] METHODE ET APPAREIL  
AMELIORES DE PIEGEAGE DE  
REACTIFS EN FORME DE BILLES  
DANS DES SYSTEMES D'ANALYSE  
MICROFLUIDIQUES  
[72] JEMERE, ABEBAW BELAY, CA  
[72] HARRISON, JED D., CA  
[71] THE GOVERNORS OF THE  
UNIVERSITY OF ALBERTA, CA  
[22] 2002-05-24  
[43] 2003-11-24

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[21] **2,387,444**  
[13] A1

[51] Int.Cl. 7B65G 35/00  
[25] EN  
[54] METHOD FOR ASSESSING THE  
OPERATION OF A CONVEYOR  
APPARATUS  
[54] METHODE D'EVALUATION DU  
FONCTIONNEMENT D'UN APPAREIL  
TRANSPORTEUR  
[72] GLOWE, RONALD WILLIAM, CA  
[72] MCISAAC, STEPHEN, CA  
[71] GLOWE CONSULTING SERVICES  
INC., CA  
[22] 2002-05-24  
[43] 2003-11-24

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[21] **2,387,450**  
[13] A1

[51] Int.Cl. 7B25H 1/14  
[25] EN  
[54] FOLDABLE WORKBENCH  
[54] ETABLI PLIANT  
[72] CHANG, HUEI-YU, XX  
[71] CHANG, HUEI-YU, XX  
[22] 2002-05-24  
[43] 2003-11-24

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[21] **2,387,451**  
[13] A1

[51] Int.Cl. 7G06F 19/00 7G06F 17/00  
[25] EN  
[54] VIRTUAL FRIEND WITH SPECIAL  
FEATURES  
[54] AMI VIRTUEL A  
CARACTERISTIQUES SPECIALES  
[72] HEJL, PETR, CA  
[71] HEJL, PETR, CA  
[22] 2002-05-24  
[43] 2003-11-24

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[21] **2,387,452**  
[13] A1

[51] Int.Cl. 7G06F 9/44 7G06F 9/45  
[25] EN  
[54] DEVELOPING AND RUNNING  
SELECTED APPLICATIONS IN  
COMMUNICATIONS  
[54] DEVELOPPEMENT ET  
EXECUTION D'APPLICATIONS  
SELECTIONNEES EN  
COMMUNICATIONS  
[72] HEJL, PETR, CA  
[71] HEJL, PETR, CA  
[22] 2002-05-24  
[43] 2003-11-24

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[21] **2,387,453**  
[13] A1

[51] Int.Cl. 7G06F 17/00 7G06F 17/20  
[25] EN  
[54] INTEGRATED LISTS AND  
TRANSFORMATION METHOD  
[54] LISTES INTEGREES ET  
METHODE DE TRANSFORMATION  
[72] HEJL, PETR, CA  
[71] HEJL, PETR, CA  
[22] 2002-05-24  
[43] 2003-11-24

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[21] **2,387,454**  
[13] A1

[51] Int.Cl. 7H04L 12/54  
[25] EN  
[54] UNIFIED GROUP MESSAGING  
[54] MESSAGERIE DE GROUPE  
UNIFIEE  
[72] HEJL, PETR, CA  
[71] HEJL, PETR, CA  
[22] 2002-05-24  
[43] 2003-11-24

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[21] **2,387,455**  
[13] A1

[51] Int.Cl. 7H04L 12/54 7H04Q 7/24  
[25] EN  
[54] VIRTUAL MOBILE PHONE - SMS  
BOX  
[54] BLOC SMS POUR TELEPHONE  
MOBILE VIRTUEL  
[72] HEJL, PETR, CA  
[71] HEJL, PETR, CA  
[22] 2002-05-24  
[43] 2003-11-24

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[21] **2,387,457**  
[13] A1

[51] Int.Cl. 7G06F 17/60 7G06F 17/30  
[25] EN  
[54] HOW TO ORDER SELECTED  
GOODS WITHOUT LIST  
[54] METHODE POUR COMMANDER  
DES MARCHANDISES  
SELECTIONNEES SANS LISTE  
[72] HEJL, PETR, CA  
[71] HEJL, PETR, CA  
[22] 2002-05-24  
[43] 2003-11-24

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[21] **2,387,470**  
[13] A1

[51] Int.Cl. 7E06B 9/52  
[25] FR  
[54] GRILLAGE OU MECHE  
DECORATIVE  
[54] DECORATIVE MESH OR SCREEN  
[72] PILON, ROSELIN, CA  
[71] PILON, ROSELIN, CA  
[22] 2002-05-27  
[43] 2003-11-27

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[21] **2,387,476**  
[13] A1

[51] Int.Cl. 7B01J 13/14 7C08F 20/18  
7C08F 22/08  
[25] EN  
[54] MICROENCAPSULATION OF  
POLAR LIQUIDS IN COPOLYMER  
SHELLS  
[54] MICROENCAPSULATION DE  
LIQUIDES POLAIRES DANS DES  
ENVELOPPES DE COPOLYMER  
[72] ALI, MIR MUJKARAM, CA  
[72] STOVER, HARALD D.H., CA  
[71] McMaster University, CA  
[22] 2002-05-24  
[43] 2003-11-24

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[21] 2,387,481

[13] A1

[51] Int.Cl. 7A47C 1/02 7A47C 3/02  
[25] EN  
[54] RECLINING MOTORIZED MULTI-POSITION CHAIR WITH ROCKING AND PIVOTING ACTION  
[54] FAUTEUIL INCLINABLE MULTIPOSITIONS A MOTEUR POUVANT PIVOTER ET BERGER  
[72] PELLERIN, RENE, CA  
[71] PELLERIN, RENE, CA  
[22] 2002-05-24  
[43] 2003-11-24

[21] 2,387,530

[13] A1

[51] Int.Cl. 7G02B 27/02 7A47G 1/06  
[25] EN  
[54] DEVICES FOR DISPLAYING BACKLIT PHOTO-TRANSPARENCIES  
[54] DISPOSITIFS A ECLAIRAGE ARRIERE POUR PHOTOGRAPHIES TRANSPARENTES  
[72] DE PASCHOAL, GLAUCIO ROBERTO, CA  
[71] DE PASCHOAL, GLAUCIO ROBERTO, CA  
[22] 2002-05-24  
[43] 2003-11-24

[21] 2,387,627

[13] A1

[51] Int.Cl. 7H04N 1/409  
[25] EN  
[54] A SYSTEM AND METHOD FOR REDUCING NOISE IN IMAGES  
[54] SYSTEME ET METHODE DE REDUCTION DU BRUIT DANS LES IMAGES  
[72] WREDENHAGEN, G. FINN, CA  
[72] ELIAS, ANDREW, CA  
[71] JALDI SEMICONDUCTOR CORP., CA  
[22] 2002-05-27  
[43] 2003-11-27

[21] 2,387,483

[13] A1

[51] Int.Cl. 7B25H 3/04  
[25] FR  
[54] SUPPORT POUR OUTILS  
[54] TOOL RACK  
[72] GUAY, EMMANUEL, CA  
[72] LEBLANC, FRANCIS, CA  
[72] LACOMBE, MICHEL, CA  
[71] ROUSSEAU METAL INC., CA  
[22] 2002-05-28  
[43] 2003-11-28

[21] 2,387,534

[13] A1

[51] Int.Cl. 7A47B 1/00  
[25] EN  
[54] STRUCTURE FOR MULTISIZED SURFACE  
[54] STRUCTURE POUR SURFACES A DIFFERENTES DIMENSIONS  
[72] HAMILTON, JAMES, CA  
[71] HAMILTON, JAMES, CA  
[22] 2002-05-24  
[43] 2003-11-24

[21] 2,387,630

[13] A1

[51] Int.Cl. 7B62D 53/08 7F16F 15/08  
7F16F 1/377  
[25] EN  
[54] SHOCK ABSORBER FOR FIFTH WHEEL TRAILER HITCH  
[54] AMORTISSEUR D'ATTELAGE DE SEMI-REMORQUE DE CAMPING  
[72] PLETT, BENJAMIN, CA  
[71] PLETT, BENJAMIN, CA  
[22] 2002-05-24  
[43] 2003-11-24

[21] 2,387,525

[13] A1

[51] Int.Cl. 7F03B 3/04  
[25] EN  
[54] WATER POWER STATION  
[54] CENTRALE HYDROELECTRIQUE  
[72] OLEKSANDR, SHYRMANOV, CA  
[71] OLEKSANDR, SHYRMANOV, CA  
[22] 2002-05-24  
[43] 2003-11-24

[21] 2,387,601

[13] A1

[51] Int.Cl. 7F24C 3/10  
[25] EN  
[54] AN IMPROVED STRUCTURE OF AN IGNITION KNOB OF A GAS STOVE  
[54] STRUCTURE AMELIOREE DE BOUTON D'ALLUMAGE DE CUISINIÈRE À GAZ  
[72] HOME, WILLIAM, XX  
[71] GRAND HALL ENTERPRISE CO., LTD., XX  
[22] 2002-05-27  
[43] 2003-11-27

[21] 2,387,633

[13] A1

[51] Int.Cl. 7C22B 3/06 7C22B 23/00  
7C22B 3/20 7C22B 19/20  
[25] EN  
[54] CHLORIDE ASSISTED HYDROMETALLURGICAL EXTRACTION OF METAL  
[54] METHODE D'EXTRACTION HYDROMETALLURGIQUE AU CHLORURE DE METAUX  
[72] JONES, DAVID L., CA  
[72] STOCKER, SUSAN KAREN, CA  
[72] MOORE, RACHEL, CA  
[71] COMINCO ENGINEERING SERVICES LTD., CA  
[22] 2002-05-24  
[43] 2003-11-24

[21] 2,387,528

[13] A1

[51] Int.Cl. 7B09C 1/00 7B07B 1/00 7B09C 1/02 7B09C 1/08  
[25] EN  
[54] DECONTAMINATION OF HETEROGENEOUS SOLID MATERIALS  
[54] DECONTAMINATION DE MATIÈRES SOLIDES HETÉROGENES  
[72] BERGERON, MARIO, CA  
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA  
[22] 2002-05-27  
[43] 2003-11-27

[21] 2,387,617

[13] A1

[51] Int.Cl. 7B22D 17/20 7B22D 17/08  
[25] EN  
[54] COLD CHAMBER DIE-CASTING PISTON  
[54] PISTON DE MACHINE À COULER SOUS PRESSION À CHAMBRE FROIDE  
[72] SCHIVALOCCHI, CARLO, IT  
[71] COPROMEC S.R.L., IT  
[22] 2002-05-27  
[43] 2003-11-27

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[21] **2,387,635**  
 [13] A1

[51] Int.Cl. 7F04C 13/00 7F04B 47/00  
 [25] EN  
 [54] MULTI-CHAMBER POSITIVE DISPLACEMENT FLUID DEVICE  
 [54] DISPOSITIF VOLUMETRIQUE A PLUSIEURS COMPARTIMENTS POUR FLUIDE  
 [72] STRUYK, ARNOUD, CA  
 [72] GILBERT, DENIS, CA  
 [71] STRUYK, ARNOUD, CA  
 [71] GILBERT, DENIS, CA  
 [22] 2002-05-28  
 [43] 2003-11-28

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[21] **2,387,637**  
 [13] A1

[51] Int.Cl. 7E04F 11/025  
 [25] EN  
 [54] OPEN STAIRWAY KIT  
 [54] ESCALIER NON ENCLOISONNE PRET-A-MONTER  
 [72] UNKNOWN, ZZ  
 [71] STAIRFRAME SYSTEMS INC., CA  
 [22] 2002-05-24  
 [43] 2003-11-24

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[21] **2,387,641**  
 [13] A1

[51] Int.Cl. 7G01M 3/02  
 [25] EN  
 [54] LEAK TESTING DEVICE  
 [54] DETECTEUR DE FUITES  
 [72] PAMPINELLA, JOSEPH A., US  
 [71] INFLOW PRODUCTS, INC., US  
 [22] 2002-05-28  
 [43] 2003-11-28

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[21] **2,387,644**  
 [13] A1

[51] Int.Cl. 7C07D 263/20  
 [25] EN  
 [54] 1,3-OXAZOLIUM-5-OXIDES OR THEIR ALPHA-AMIDOKETENE TAUTOMERS, PROCESS OF PREPARATION AND USES THEREOF  
 [54] METHODE DE PREPARATION DE COMPOSES DE 5-OXYDE-1,3-OXAZOLIUM OU DE LEURS TAUTOMERES DE ALPHA-AMIDOCETENE, ET UTILISATIONS CONNEXES  
 [72] ARNDTSEN, BRUCE, CA  
 [72] DHAWAN, RAJIV, CA  
 [72] DGHAIM, RANIA, AE  
 [71] MCGILL UNIVERSITY, CA  
 [22] 2002-05-24  
 [43] 2003-11-24

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[21] **2,387,654**  
 [13] A1

[51] Int.Cl. 7H04L 29/02 7H04L 12/24  
**7H04L 12/46**  
 [25] EN  
 [54] PARTITIONED INTERFACE ARCHITECTURE FOR TRANSMISSION OF BROADBAND NETWORK TRAFFIC TO AND FROM AN ACCESS NETWORK  
 [54] ARCHITECTURE D'INTERFACE PARTITIONNEE POUR TRANSMISSION DE TRAFIC DE RESEAU A LARGE BANDE A DESTINATION ET EN PROVENANCE D'UN RESEAU D'ACCES  
 [72] BUDD, FRANCIS FREDERICK, CA  
 [72] WELLINGTON, STEPHEN HALDANE, CA  
 [72] STORRY, CHARLES MICHAEL, CA  
 [71] ALCATEL CANADA INC., CA  
 [22] 2002-05-24  
 [43] 2003-11-24

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[21] **2,387,692**  
 [13] A1

[51] Int.Cl. 7B65D 30/08 7B65B 3/00  
**7B65B 51/00 7B65B 57/00 7B65D 83/00**  
**7B65D 77/28**  
 [25] EN  
 [54] FLEXIBLE STAND-UP LIQUID POUCH WITH INTERNALIZED STRAW  
 [54] SACHET VERTICAL SOUPLE A LIQUIDE AVEC PAILLE INTERIEURE  
 [72] KOTHARI, RAHUL A., IN  
 [71] URBAN POUCH-PACK LTD., CA  
 [22] 2002-05-28  
 [43] 2003-11-28

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[21] **2,387,777**  
 [13] A1

[51] Int.Cl. 7C02F 9/14 7C02F 3/00 7B01D  
 24/02 7C02F 1/78  
 [25] EN  
 [54] POTABLE WATER TREATMENT PLANT AND METHOD OF MAINTAINING SAME  
 [54] STATION DE TRAITEMENT D'EAU POTABLE ET METHODE DE MAINTENANCE  
 [72] LECRAW, ROBERT, CA  
 [71] MS FILTER INC., CA  
 [22] 2002-05-28  
 [43] 2003-11-28

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[21] **2,387,818**  
 [13] A1

[51] Int.Cl. 7F24C 15/20 7B08B 15/02  
 [25] EN  
 [54] PANEL JOINT FOR KITCHEN RANGE HOOD  
 [54] JOINT DE PANNEAU POUR HOTTE DE CUISINIÈRE  
 [72] YEUNG, PETER, CA  
 [71] YEUNG, PETER, CA  
 [22] 2002-05-29  
 [43] 2003-11-29

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[21] **2,387,824**  
 [13] A1

[51] Int.Cl. 7E01B 7/02  
 [25] EN  
 [54] TONGUE SWITCH  
 [54] COMMUTATEUR A LANGUETTE  
 [72] O'BRIEN, CORY, CA  
 [72] CLICK, GARY, US  
 [71] VAE NORTRAK NORTH AMERICA INC., US  
 [22] 2002-05-29  
 [43] 2003-11-29

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[21] **2,387,850**  
 [13] A1

[51] Int.Cl. 7E01B 7/10  
 [25] EN  
 [54] REPLACEABLE POINT FROG  
 [54] POINTE DE COEUR INTERCHANGEABLE  
 [72] CLICK, GARY, US  
 [72] TUNINGLEY, ALLEN JAMES, CA  
 [71] VAE NORTRAK NORTH AMERICA INC., US  
 [22] 2002-05-29  
 [43] 2003-11-29

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**Demandes canadiennes mises à la disponibilité du public**  
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<p style="text-align: right;"><b>[21] 2,387,887</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. 7H04L 12/16 7G06F 17/60  [25] EN  [54] MULTI-LEVEL REMOTE ORDER ENTRY SYSTEM AND METHOD  [54] SYSTEME ET METHODE D'ENTREE DE COMMANDES A DISTANCE MULTINIVEAUX  [72] MARKS, LAURENCE VICTOR, US  [71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  [22] 2002-05-29  [43] 2003-11-29</p>	<p style="text-align: right;"><b>[21] 2,388,073</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. 7G06F 11/36 7G06F 9/44  [25] EN  [54] METHOD FOR SEMANTIC VERIFICATION OF SUPPORTING PROGRAMMING ARTEFACTS  [54] METHODE DE VERIFICATION SEMANTIQUE D'ARTEFACTS DE PROGRAMMATION DE SOUTIEN  [72] LI, JIN, CA  [71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  [22] 2002-05-29  [43] 2003-11-29</p>	<p style="text-align: right;"><b>[21] 2,388,112</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. 7E04H 1/12  [25] EN  [54] PIPELINE WELDING SHELTER AND METHOD OF USE OF THE SAME  [54] ABRI POUR SOUDAGE SUR PIPELINE ET METHODE D'UTILISATION  [72] MORONEY, CHRISTOPHER MARK, CA  [71] MORONEY, CHRISTOPHER MARK, CA  [22] 2002-05-29  [43] 2003-11-29</p>
<p style="text-align: right;"><b>[21] 2,387,936</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. 7G06F 3/14 7G06F 17/00  [25] EN  [54] MENU USER INTERFACE WITH SIZE DIFFERENTIATION BETWEEN ENABLED AND DISABLED MENU ITEMS  [54] INTERFACE UTILISATEUR A MENUS AVEC DIFFERENTIATION SELON LA TAILLE ENTRE LES OPTIONS DE MENU VALIDEES ET LES OPTIONS INVALIDES  [72] LI, JIN, CA  [71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  [22] 2002-05-29  [43] 2003-11-29</p>	<p style="text-align: right;"><b>[21] 2,388,078</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. 7G06F 13/38 7G06F 17/30  [25] EN  [54] SYSTEM AND METHOD FOR ACQUIRING DATA IN A PROCESSING UNIT  [54] SYSTEME ET METHODE D'ACQUISITION DE DONNEES DANS UNE UNITE DE TRAITEMENT  [72] DAIGLE, OLIVIER, CA  [72] MAINGUY, FRANCOIS, CA  [71] HARFANG MICROTECHNIQUES INC., CA  [22] 2002-05-29  [43] 2003-11-29</p>	<p style="text-align: right;"><b>[21] 2,388,116</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. 7B65D 81/02  [25] EN  [54] ACCORDION PACKING PROTECTOR  [54] EMBALLAGE PROTECTEUR EN ACCORDEON  [72] BELIVEAU, JEAN-LOUIS, CA  [71] POLYFORM A.G.P. INC., CA  [22] 2002-05-28  [43] 2003-11-28</p>
<p style="text-align: right;"><b>[21] 2,387,965</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. 7B65B 13/18 7B65G 57/18  [25] EN  [54] LATH PLACER  [54] DISPOSITIF DE MISE EN PLACE DE LATTES  [72] VAN VARSEVELD, ROBERT B., CA  [72] HANNEBAUER, JAMES B., CA  [71] MILL TECH INDUSTRIES, CA  [22] 2002-05-29  [43] 2003-11-29</p>	<p style="text-align: right;"><b>[21] 2,388,111</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. 7A47G 19/22  [25] EN  [54] DRINKING VESSEL WITH MULTIPLE BOWL REGIONS  [54] RECIPIENT A BOISSONS AVEC COMPARTIMENTS MULTIPLES  [72] PREMJI, ABDULREHMAN, CA  [71] PREMJI, ABDULREHMAN, CA  [22] 2002-05-28  [43] 2003-11-28</p>	<p style="text-align: right;"><b>[21] 2,388,150</b></p> <p style="text-align: right;">[13] A1</p> <p>[51] Int.Cl. 7G06F 3/02 7G06F 13/00  [25] EN  [54] TOGGLEABLE WIDGET FOR A USER INTERFACE  [54] OBJET FENETRE BASCULABLE POUR INTERFACE UTILISATEUR  [72] COULTHARD, PHIL, CA  [71] IBM CANADA LIMITED-IBM CANADA LIMITEE, CA  [22] 2002-05-29  [43] 2003-11-29</p>

**Canadian Laid-Open Applications**  
**November 23, 2003 - November 29, 2003**

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<b>[21] 2,388,188</b> [13] A1
<b>[51] Int.Cl. 7F23D 14/66</b>
[25] EN
<b>[54] METHOD AND APPARATUS FOR PREHEATING AIR ENTERING AN OIL FIELD BURNER</b>
<b>[54] METHODE ET DISPOSITIF DE PRECHAUFFAGE DE L'AIR PENETRANT DANS UN BRULEUR A MAZOUT</b>
[72] NAPPER, BRIAN, CA
[72] TARASUIK, DONALD, CA
[72] HEFFNER, ROBERT, CA
[71] CORLAC INDUSTRIES (1998) LTD., CA
[22] 2002-05-28
[43] 2003-11-28

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<b>[21] 2,388,191</b> [13] A1
<b>[51] Int.Cl. 7F04C 2/107</b>
[25] EN
<b>[54] MULTI-INTAKE PROGRESSIVE CAVITY PUMP</b>
<b>[54] POMPE A ROTOR HELICOIDAL EXCENTRE AVEC ENTREES MULTIPLES</b>
[72] CARR, CHRISTOPHER, CA
[71] CORLAC EQUIPMENT LTD., CA
[22] 2002-05-28
[43] 2003-11-28

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<b>[21] 2,388,195</b> [13] A1
<b>[51] Int.Cl. 7F24J 2/24</b>
[25] EN
<b>[54] HYBRID SOLAR ENERGY COLLECTOR</b>
<b>[54] HELIOCAPTEUR HYBRIDE</b>
[72] SZYMOCHA, KAZIMIERZ, CA
[72] LINDSTROM, DOUGLAS WILLARD, CA
[72] OLSEN, KRISTIAN PETER, CA
[71] ALBERTA RESEARCH COUNCIL INC., CA
[22] 2002-05-28
[43] 2003-11-28

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<b>[21] 2,388,310</b> [13] A1
<b>[51] Int.Cl. 7G06F 3/033</b>
[25] FR
<b>[54] INTERFACE GEOMETRIQUE UNIVERSELLE POUR LA PROGRAMMATION</b>
<b>[54] UNIVERSAL GEOMETRIC INTERFACE FOR PROGRAMMING</b>
[72] DUMAIS, LOUIS-CHARLES, CA
[71] DUMAIS, LOUIS-CHARLES, CA
[22] 2002-05-27
[43] 2003-11-27

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<b>[21] 2,406,698</b> [13] A1
<b>[51] Int.Cl. 7E06B 11/02 7F16B 1/00</b>
<b>7E05D 3/02</b>
[25] EN
<b>[54] GATE BRACKET</b>
<b>[54] FERRURE SUPPORT DE BARRIERE</b>
[72] GROSS, JOHN, CA
[71] PEAK PRODUCTS MANUFACTURING INC., CA
[22] 2002-10-04
[43] 2003-11-23

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<b>[21] 2,390,972</b> [13] A1
<b>[51] Int.Cl. 7C07K 14/14 7A61K 39/15</b>
<b>7C07K 14/18</b>
[25] EN
<b>[54] BOVINE VIRAL DIARRHEA VIRUS (BVDV) P80 AND P80.DELTA.50 PROTEINS AS INDUCERS OF CELL APOPTOSIS</b>
<b>[54] PROTEINES P80 ET P80.DELTA.50 DU VIRUS DE LA DIARRHEE VIRALE BOVINE (BVDV) COMME INDUCEURS DE L'APOPTOSE CELLULAIRE</b>
[72] ARCHAMBAULT, DENIS, CA
[71] UNIVERSITE DU QUEBEC A MONTREAL, CA
[22] 2002-06-19
[43] 2003-11-27
[30] CA (2,383,607) 2002-05-27

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<b>[21] 2,393,983</b> [13] A1
<b>[51] Int.Cl. 7A63B 21/055</b>
[25] EN
<b>[54] MULTIFUNCTIONAL PHYSICAL TRAINING MACHINE</b>
<b>[54] MACHINE D'ENTRAINEMENT PHYSIQUE POLYVALENTE</b>
[72] KUO, JOHNSON, XX
[71] KUO, JOHNSON, XX
[22] 2002-07-17
[43] 2003-11-29
[30] TW (91207832) 2002-05-29

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<b>[21] 2,408,447</b> [13] A1
<b>[51] Int.Cl. 7C12N 15/29 7C12N 15/63</b>
<b>7C12N 15/82</b>
[25] EN
<b>[54] NOVEL GENE CONTROLLING DISEASE RESISTANCE REACTIONS AND USE THEREOF</b>
<b>[54] NOUVEAU GENE DETERMINANT DES EFFETS INDESIRABLES RESISTANT A UNE MALADIE ET LEUR UTILISATION</b>
[72] ONOSATO, KATSURA, JP
[72] MIYAO, AKIO, JP
[72] HIROCHIKA, HIROHIKO, JP
[71] NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES, JP
[71] BIO-ORIENTED TECHNOLOGY RESEARCH ADVANCEMENT INSTITUTION, JP
[22] 2002-11-25
[43] 2003-11-24
[30] JP (2002-151627) 2002-05-24

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<b>[21] 2,409,623</b> [13] A1
<b>[51] Int.Cl. 7F24C 15/16</b>
[25] EN
<b>[54] DIVIDED OVEN RACK</b>
<b>[54] GRILLE DE FOUR DIVISEE</b>
[72] BROOKS, JEAN GILLIS, CA
[71] BROOKS, JEAN GILLIS, CA
[22] 2002-10-24
[43] 2003-11-26

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[21] 2,410,318  
 [13] A1

[51] Int.Cl. 7F16K 5/06  
 [25] EN  
**[54] HALF BALL VALVE**  
**[54] VANNE A DEMI-BOISSEAU**  
 [72] OH, SEUNG-JUN, KR  
 [71] OH, SEUNG-JUN, KR  
 [22] 2002-10-31  
 [43] 2003-11-27  
 [30] KR (2002-29297) 2002-05-27  
 [30] KR (2002-62108) 2002-10-11

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[21] 2,410,830  
 [13] A1

[51] Int.Cl. 7A01K 97/06  
 [25] EN  
**[54] CASE STRUCTURE FOR HOUSING FISHING HOOK AND ITS FIXING METHOD**  
**[54] BOITIER CONTENANT UN HAMECON, ET METHODE DE FIXATION**  
 [72] JANG, HONG SUN, KR  
 [71] JANG, HONG SUN, KR  
 [22] 2002-11-01  
 [43] 2003-11-27  
 [30] KR (2002-29218) 2002-05-27

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[21] 2,411,936  
 [13] A1

[51] Int.Cl. 7A47L 9/16  
 [25] EN  
**[54] VACUUM CLEANER HAVING A CYCLONE-TYPE DUST-COLLECTING APPARATUS**  
**[54] ASPIRATEUR A CYCLONE DEPOUSSIÉREUR**  
 [72] LEE, HYUN-JU, KR  
 [72] OH, JANG-KEUN, KR  
 [71] SAMSUNG GWANGJU ELECTRONICS CO., LTD., KR  
 [22] 2002-11-15  
 [43] 2003-11-29  
 [30] KR (2002-0029734) 2002-05-29

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[21] 2,413,204  
 [13] A1

[51] Int.Cl. 7B25H 3/00  
 [25] EN  
**[54] TOOL HOLDER ASSEMBLY**  
**[54] PORTE-Outils**  
 [72] LEBLANC, FRANCIS, CA  
 [72] LACOMBE, MICHEL, CA  
 [72] GUAY, EMMANUEL, CA  
 [71] ROUSSEAU METAL INC., CA  
 [22] 2002-11-29  
 [43] 2003-11-28  
 [30] CA (2,387,483) 2002-05-28

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[21] 2,415,589  
 [13] A1

[51] Int.Cl. 7F21V 21/02  
 [25] EN  
**[54] SUPPORT PLATE FOR A LUMINAIRE**  
**[54] APPLIQUE POUR LUMINAIRE**  
 [72] NEELD, JAMES N., US  
 [72] GAMACHE, THOMAS J., US  
 [71] GENLYTE THOMAS GROUP LLC, US  
 [22] 2003-01-03  
 [43] 2003-11-28  
 [30] US (10/156,252) 2002-05-28

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[21] 2,415,650  
 [13] A1

[51] Int.Cl. 7G11B 7/30  
 [25] EN  
**[54] REWRITABLE OPTICAL RECORDING MEDIUM WITH ZNO NEAR-FIELD OPTICAL INTERACTION LAYER**  
**[54] SUPPORT D'ENREGISTREMENT OPTIQUE REENREGISTRABLE**  
**COMPORTANT UNE COUCHE D'INTERACTION OPTIQUE A CHAMP PROCHE A BASE DE ZNO**  
 [72] LIN, WEI-CHIH, XX  
 [72] LIN, YU-HSUAN, XX  
 [72] TSAI, DIN-PING, XX  
 [72] CHANG, HSUN-HAO, XX  
 [71] NATIONAL TAIWAN UNIVERSITY, XX  
 [22] 2003-01-07  
 [43] 2003-11-27  
 [30] TW (91207654) 2002-05-27

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[21] 2,415,710  
 [13] A1

[51] Int.Cl. 7G11B 7/24 7G11B 7/0037  
 [25] EN  
**[54] WRITE-ONCE OPTICAL RECORDING MEDIUM WITH ZNO NEAR-FIELD OPTICAL INTERACTION LAYER**  
**[54] SUPPORT D'ENREGISTREMENT OPTIQUE A USAGE UNIQUE COMPORTANT UNE COUCHE D'INTERACTION OPTIQUE A CHAMP PROCHE A BASE DE ZNO**  
 [72] LIN, YU-HSUAN, XX  
 [72] TSAI, DIN-PING, XX  
 [72] CHANG, HSUN-HAO, XX  
 [72] LIN, WEI-CHIH, XX  
 [71] NATIONAL TAIWAN UNIVERSITY, XX  
 [22] 2003-01-06  
 [43] 2003-11-27  
 [30] TW (91207655) 2002-05-27

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[21] 2,417,047  
 [13] A1

[51] Int.Cl. 7A47B 21/00 7G06F 1/16  
 [25] EN  
**[54] COMPUTER KEYBOARD AND MOUSE SUPPORT HAVING MOVEABLE MOUSE EXTENSION**  
**[54] PORTE-CLAVIER POUR ORDINATEUR AVEC RALLONGE MOBILE POUR SOURIS**  
 [72] TIMM, DEREK, US  
 [71] WORK-RITE ERGONOMIC ACCESSORIES, INC., US  
 [22] 2003-01-22  
 [43] 2003-11-23  
 [30] US (10/153,984) 2002-05-23

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[21] 2,419,043  
 [13] A1

[51] Int.Cl. 7A61N 5/06  
 [25] EN  
**[54] METHOD OF TREATING NEUROPATHY USING A PHOTO ENERGY DEVICE**  
**[54] METHODE DE TRAITEMENT DE LA NEUROPATHIE A L'AIDE D'UN DISPOSITIF D'IRRADIATION LUMINEUSE**  
 [72] BERTWELL, DALE E., US  
 [71] ANODYNE THERAPEUTICS, L.L.C., US  
 [22] 2003-02-13  
 [43] 2003-11-29  
 [30] US (10/157,404) 2002-05-29

**Canadian Laid-Open Applications**  
**November 23, 2003 - November 29, 2003**

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[21] **2,421,103**  
 [13] A1

[51] Int.Cl. 7F16L 3/24 7B64D 33/00  
 [25] FR  
 [54] DISPOSITIF DE FIXATION  
 D'OBJETS ALLONGES SUR UN  
 SUPPORT PLAT  
 [54] DEVICE FOR THE ATTACHMENT  
 OF LONG OBJECTS ON A FLAT  
 SUPPORT  
 [72] VANDRIES, JEAN-PAUL, FR  
 [72] LABEIRIE, JEAN-LUC, FR  
 [72] BLIN, MICKAEL, FR  
 [71] AIRBUS FRANCE, FR  
 [22] 2003-03-11  
 [43] 2003-11-23  
 [30] FR (02 06269) 2002-05-23

[21] **2,421,586**  
 [13] A1

[51] Int.Cl. 7C12N 15/12 7C07H 21/00  
 7C07K 19/00 7C12P 21/00 7C12P 21/08  
 7C07K 1/14 7C07K 16/18 7C07K 14/47  
 [25] EN  
 [54] MUCROSLYSIN AND ITS GENE  
 [54] MUCROSLYSINE ET SON GENE  
 [72] GUO, YA-WEN, XX  
 [72] HO, PEI-HSUN, XX  
 [71] MEDIGEN BIOTECHNOLOGY  
 CORP., XX  
 [22] 2003-03-11  
 [43] 2003-11-29  
 [30] TW (091120741) 2002-09-11

[21] **2,422,382**  
 [13] A1

[51] Int.Cl. 7F16B 2/20 7H01J 61/02  
 [25] EN  
 [54] STEM CLIP FOR HIGH INTENSITY  
 DISCHARGE LAMP  
 [54] TIGE A PINCE POUR LAMPE A  
 DECHARGE A HAUTE INTENSITE  
 [72] WILLIAMSON, GLEN P., US  
 [71] OSRAM SYLVANIA INC., US  
 [22] 2003-03-18  
 [43] 2003-11-24  
 [30] US (10/155,541) 2002-05-24

[21] **2,422,447**  
 [13] A1

[51] Int.Cl. 7B25B 31/00 7B25C 1/00  
 [25] EN  
 [54] FRAMING TOOL WITH  
 AUTOMATIC FASTENER-SIZE  
 ADJUSTMENT  
 [54] OUTIL DE CHARPENTAGE A  
 REGLAGE AUTOMATIQUE DE LA  
 DIMENSION DES FIXATIONS  
 [72] WALTHALL, BARRY, US  
 [72] LAUBACH, MARCO, US  
 [71] ILLINOIS TOOL WORKS INC., US  
 [22] 2003-03-18  
 [43] 2003-11-24  
 [30] US (10/155,456) 2002-05-24

[21] **2,422,581**  
 [13] A1

[51] Int.Cl. 7C11D 3/43 7C11D 3/24  
 [25] EN  
 [54] NON-FLAMMABLE TERNARY  
 CLEANING SOLVENT  
 [54] SOLVANT TERNAIRE DE  
 NETTOYAGE ININFLAMMABLE  
 [72] FITZGERALD, JAMES M., US  
 [71] ILLINOIS TOOL WORKS INC., US  
 [22] 2003-03-18  
 [43] 2003-11-23  
 [30] US (10/153,973) 2002-05-23

[21] **2,423,569**  
 [13] A1

[51] Int.Cl. 7B61C 17/12  
 [25] EN  
 [54] PREVENTION OF NUISANCE  
 ACTIVATION OF LOCOMOTIVE LOW  
 ENGINE LUBE OIL PROTECTION  
 MECHANISM  
 [54] PREVENTION DE  
 L'ACTIONNEMENT INTEMPESTIF DU  
 MECANISME DE PROTECTION EN  
 CAS DE FAIBLE PRESSION D'HUILE  
 DE LUBRIFICATION DU MOTEUR  
 D'UNE LOCOMOTIVE  
 [72] LIBERATORE, ALDO F., CA  
 [71] ZTR CONTROL SYSTEMS, US  
 [22] 2003-03-27  
 [43] 2003-11-23  
 [30] US (10 / 154,738) 2002-05-23

[21] **2,423,947**  
 [13] A1

[51] Int.Cl. 7B25B 31/00 7B25C 1/08  
 7B25C 1/18  
 [25] EN  
 [54] ANTI-OXIDANT BATTERY  
 CONTACTS FOR FASTENER-DRIVING  
 TOOL  
 [54] CONTACTS DE BATTERIE  
 ANTIOXYDANTS POUR CLOUEUSES  
 [72] SHKOLNIKOV, YURY, US  
 [71] ILLINOIS TOOL WORKS INC., US  
 [22] 2003-03-28  
 [43] 2003-11-24  
 [30] US (10/155,766) 2002-05-24

[21] **2,425,013**  
 [13] A1

[51] Int.Cl. 7A61M 1/00 7A61M 3/00  
 [25] EN  
 [54] SURGICAL CASSETTE  
 [54] CASSETTE CHIRURGICALE  
 [72] GORDON, RAPHAEL, US  
 [72] OLIVEIRA, MEL M., US  
 [71] ALCON, INC., CH  
 [22] 2003-04-08  
 [43] 2003-11-28  
 [30] US (10/156,175) 2002-05-28

[21] **2,425,223**  
 [13] A1

[51] Int.Cl. 7A47L 15/22 7A47L 15/50  
 [25] EN  
 [54] THREE RACK DISHWASHER  
 [54] LAVE-VAISSELLE A TROIS  
 PANIERS  
 [72] WELCH, RODNEY M., US  
 [71] MAYTAG CORPORATION, US  
 [22] 2003-04-11  
 [43] 2003-11-28  
 [30] US (10/156,414) 2002-05-28

[21] **2,425,729**  
 [13] A1

[51] Int.Cl. 7G01D 5/34 7A61M 5/00  
 7A61M 37/00 7G06K 7/14 7G01N 21/59  
 [25] EN  
 [54] IDENTIFICATION SYSTEM FOR A  
 SURGICAL CASSETTE  
 [54] SYSTEME D'IDENTIFICATION  
 POUR CASSETTE CHIRURGICALE  
 [72] GORDON, RAPHAEL, US  
 [71] ALCON, INC., CH  
 [22] 2003-04-16  
 [43] 2003-11-28  
 [30] US (10/153,371) 2002-05-28

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[21] **2,425,737**  
[13] A1

[51] Int.Cl. 7B21B 19/06 7B21D 53/00  
7B21B 19/10 7B21D 28/28  
[25] EN  
[54] FORGED IN-LINE TUBULAR  
PROCESS  
[54] METHODE DE FORGEAGE DE  
TUBES EN LIGNE  
[72] SALIM, MUHAMMED, US  
[72] FADER, JOSEPH A., US  
[71] MERITOR SUSPENSION SYSTEMS  
COMPANY, INC., US  
[22] 2003-04-15  
[43] 2003-11-29  
[30] US (10/157,647) 2002-05-29

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[21] **2,426,285**  
[13] A1

[51] Int.Cl. 7A61K 7/48 7A61K 9/70  
[25] EN  
[54] COSMETIC ADHESIVE STRIP  
[54] RUBAN ADHESIF COSMETIQUE  
[72] MINER, PHILIP EDWARD, US  
[71] UNILEVER PLC, GB  
[22] 2003-04-22  
[43] 2003-11-29  
[30] US (10/156,870) 2002-05-29

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[21] **2,426,351**  
[13] A1

[51] Int.Cl. 7F02K 7/10  
[25] FR  
[54] SYSTEME D'OBTURATION POUR  
UN ORIFICE D'UN CONDUIT, EN  
PARTICULIER POUR UN ORIFICE  
D'UNE VOIE D'INTRODUCTION D'AIR  
DANS LA CHAMBRE DE COMBUSTION  
D'UN STATOREACTEUR  
[54] SYSTEM FOR CLOSING THE  
OPENING OF A PIPE, PARTICULARLY  
THE OPENING OF AN AIR INLET INTO  
A RAMJET COMBUSTION CHAMBER  
[72] CARTON, LAURENT, FR  
[71] MBDA FRANCE, FR  
[22] 2003-04-24  
[43] 2003-11-27  
[30] FR (02 06431) 2002-05-27

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[21] **2,426,390**  
[13] A1

[51] Int.Cl. 7A61M 5/158 7A61M 1/30  
7A61M 5/32  
[25] EN  
[54] NEEDLE ASSEMBLY  
[54] ENSEMBLE PORTE-AIGUILLE  
[72] TURPAULT, MATHIEU, FR  
[72] WILKINSON, BRADLEY M., US  
[72] DELISO, JORDAN, US  
[72] BRESSLER, PETER, US  
[72] COLEMAN, JOHN D., US  
[71] BECTON, DICKINSON AND  
COMPANY, US  
[22] 2003-04-23  
[43] 2003-11-28  
[30] US (60/383,521) 2002-05-28

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[21] **2,426,416**  
[13] A1

[51] Int.Cl. 7G02B 15/00 7G02B 27/00  
7A61F 9/01  
[25] EN  
[54] ZOOM DEVICE FOR EYE  
TRACKER CONTROL SYSTEM AND  
ASSOCIATED METHODS  
[54] DISPOSITIF DE ZOOM POUR  
OCULOMETRES ET METHODES  
CONNEXES  
[72] NGUYEN, PHUOC KHANH, US  
[72] ZEPKIN, NEIL, US  
[71] ALCON, INC., CH  
[22] 2003-04-23  
[43] 2003-11-28  
[30] US (10/156,654) 2002-05-28

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[21] **2,426,713**  
[13] A1

[51] Int.Cl. 7B65D 43/10 7A47G 19/22  
7B65D 47/36  
[25] EN  
[54] CUP-SHAPED RECEPTACLE AND  
LID  
[54] RECIPIENT CUPULIFORME ET  
COUVERCLE  
[72] D'AMATO, GIANFRANCO, IT  
[71] SEDA S.P.A., IT  
[22] 2003-04-28  
[43] 2003-11-29  
[30] DE (202 08 386.1) 2002-05-29

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[21] **2,426,717**  
[13] A1

[51] Int.Cl. 7B60K 31/00 7G05D 1/00  
7G05D 13/00  
[25] EN  
[54] METHOD AND APPARATUS FOR  
CONTROLLING GROUND SPEED OF A  
WORK MACHINE BASED ON TIRE  
CONDITION  
[54] METHODE ET APPAREIL DE  
CONTROLE DE LA VITESSE  
D'AVANCEMENT D'UN VEHICULE  
LOURD SELON L'ETAT DES PNEUS  
[72] DODDEK, DAVID J., US  
[72] SORRELLS, GILES K., US  
[71] CATERPILLAR INC., US  
[22] 2003-04-28  
[43] 2003-11-23  
[30] US (10/154,650) 2002-05-23

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[21] **2,426,842**  
[13] A1

[51] Int.Cl. 7F02M 63/02  
[25] EN  
[54] HIGH-PRESSURE CONNECTOR  
HAVING AN INTEGRATED FLOW  
LIMITER AND FILTER  
[54] RACCORD HAUTE PRESSION  
COMPRENANT UN LIMITEUR DE  
DEBIT ET UN FILTRE INTEGRES  
[72] KENNEDY, LAWRENCE CHARLES,  
US  
[72] TKAC, RONALD MICHAEL, US  
[72] HU, HAORAN, US  
[71] DETROIT DIESEL CORPORATION,  
US  
[22] 2003-04-25  
[43] 2003-11-23  
[30] US (10/154,379) 2002-05-23

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[21] **2,426,862**  
[13] A1

[51] Int.Cl. 7F24F 1/02  
[25] FR  
[54] VENTILATEUR PAR SYSTEME DE  
REFROIDISSEMENT  
[54] FAN DISTRIBUTING AIR FROM  
COOLING SYSTEM TO PROVIDE  
COOLING  
[72] DODIER, MAXIME, CA  
[71] DODIER, MAXIME, CA  
[22] 2003-05-01  
[43] 2003-11-28

**Canadian Laid-Open Applications**  
**November 23, 2003 - November 29, 2003**

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[21] **2,426,877**  
[13] A1

[51] Int.Cl. 7B65B 51/10  
[25] EN  
[54] DEVICE FOR HANDLING  
PACKAGING MATERIAL  
[54] DISPOSITIF POUR LA  
MANIPULATION DE MATERIAUX  
D'EMBALLAGE  
[72] KALLFASS, JENS, DE  
[72] STORCK, DOMINIQUE, FR  
[71] KALLFASS  
VERPACKUNGSMASCHINEN GMBH, DE  
[22] 2003-04-25  
[43] 2003-11-24  
[30] DE (10224360.3) 2002-05-24

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[21] **2,427,118**  
[13] A1

[51] Int.Cl. 7E21B 47/12  
[25] EN  
[54] STREAMLINING DATA  
TRANSFER TO/FROM LOGGING  
WHILE DRILLING TOOLS  
[54] RATIONALISATION DU  
TRANSFERT DE DONNEES A  
DESTINATION ET EN PROVENANCE  
D'Outils D'ENREGISTREMENT  
PENDANT LE FORAGE  
[72] SMITS, JAN W., US  
[72] COLLINS, ANTHONY L., US  
[71] SCHLUMBERGER CANADA  
LIMITED, CA  
[22] 2003-04-30  
[43] 2003-11-23  
[30] US (10/154,265) 2002-05-23

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[21] **2,427,167**  
[13] A1

[51] Int.Cl. 7E01H 5/08  
[25] EN  
[54] SNOW BLOWER VEHICLE AND  
METHOD FOR IMPROVING SNOW  
BLOWER VEHICLE PERFORMANCE  
[54] SOUFFLEUSE A NEIGE ET  
METHODE D'AMELIORATION DU  
RENDEMENT D'UNE SOUFFLEUSE A  
NEIGE  
[72] HAWKINS, JEFFERY SCOTT, US  
[72] MCKENZIE, IAN DANIEL, US  
[72] BRUNETTE, DAVID JOHN, US  
[72] AVERY, RICHARD MICHAEL, US  
[71] DETROIT DIESEL CORPORATION,  
US  
[22] 2003-04-30  
[43] 2003-11-29  
[30] US (10/157,501) 2002-05-29

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[21] **2,427,254**  
[13] A1

[51] Int.Cl. 7E21B 10/26  
[25] EN  
[54] FIXED BLADE FIXED CUTTER  
HOLE OPENER  
[54] ELARGISSEUR A COUPE-TIGE  
FIXE A LAME FIXE  
[72] BEATON, TIMOTHY PAUL, US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 2003-04-30  
[43] 2003-11-28  
[30] US (10/156,727) 2002-05-28

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[21] **2,427,370**  
[13] A1

[51] Int.Cl. 7A61K 49/04 7A61L 24/02  
7A61L 24/04  
[25] EN  
[54] BONE CEMENT MIXTURE AND X-  
RAY CONTRAST MEDIUM AS WELL  
AS METHOD FOR THEIR  
PREPARATION  
[54] MELANGE DE LIANT POUR LES  
OS ET MILIEU DE CONTRASTE SOUS  
RAYONS X, AINSI QU'UNE METHODE  
POUR LEUR PREPARATION  
[72] KUHN, KLAUS-DIETER, DE  
[71] HERAEUS KULZER GMBH & CO.  
KG, DE  
[22] 2003-04-29  
[43] 2003-11-29  
[30] DE (102 24 346.8) 2002-05-29

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[21] **2,427,783**  
[13] A1

[51] Int.Cl. 7H04R 25/00  
[25] EN  
[54] HEARING DEVICE  
[54] PROTHESE AUDITIVE  
[72] VONLANTHEN, ANDY, CH  
[72] MEIER, HILMAR, CH  
[71] PHONAK AG, CH  
[22] 2003-05-02  
[43] 2003-11-24  
[30] EP (02 011 449.2) 2002-05-24

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[21] **2,427,803**  
[13] A1

[51] Int.Cl. 7C01B 3/06 7C01B 3/00  
7H01M 8/06 7H01M 8/22  
[25] EN  
[54] HYDROGEN GENERATION  
SYSTEM  
[54] SYSTEME DE PRODUCTION  
D'HYDROGENE  
[72] MANN, L., CHRIS, US  
[72] PRASAD, RAVI, US  
[72] LIU, QIN, US  
[72] CORBETT, TIMOTHY J., US  
[71] HEWLETT-PACKARD COMPANY,  
US  
[22] 2003-05-01  
[43] 2003-11-28  
[30] US (10/157,279) 2002-05-28

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[21] **2,427,903**  
[13] A1

[51] Int.Cl. 7G01V 3/32 7E21B 47/00  
[25] EN  
[54] DETERMINING WETTABILITY OF  
AN OIL RESERVOIR USING  
BOREHOLE NMR MEASUREMENTS  
[54] DETERMINATION DE LA  
MOUILLABILITE D'UN GISEMENT DE  
PETROLE A L'AIDE DE MESURES  
RMN DE PUITS DE FORAGE  
[72] FREEDMAN, ROBERT, US  
[72] HURLIMANN, MARTIN D., US  
[71] SCHLUMBERGER CANADA  
LIMITED, CA  
[22] 2003-05-05  
[43] 2003-11-23  
[30] US (60/382,786) 2002-05-23  
[30] US (10/064,651) 2002-08-02

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[21] **2,427,909**  
[13] A1

[51] Int.Cl. 7A01N 29/00 7A01N 25/06  
[25] EN  
[54] NON-FLAMMABLE AEROSOL  
INSECTICIDAL COMPOSITIONS  
[54] COMPOSITIONS INSECTICIDES  
EN AEROSOL ININFLAMMABLE  
[72] MERWIN, RICHARD, US  
[72] BESSER, BRICE, US  
[71] MCCLAUGHLIN GORMLEY KING  
COMPANY, US  
[22] 2003-05-05  
[43] 2003-11-23  
[30] US (10/155606) 2002-05-23

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

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[21] **2,427,962**  
 [13] A1

[51] Int.Cl. 7F16L 33/035  
 [25] EN  
**[54] HOSE CLAMP FOR CLAMPING A HOSE ON A PIPE BY MEANS OF A SPRING BAND WHOSE END SECTIONS IN THE SPREAD-APART STATE ARE LOCKABLE AND A RELEASE DEVICE FOR THE HOSE CLAMP**  
**[54] BRIDE DE SERRAGE DE TUYAU FLEXIBLE SUR UN TUYAU RIGIDE AU MOYEN D'UNE BANDE A RESSORT DONT LES EXTREMITES SE VERROUILLENT, ET DISPOSITIF DE DEVERROUILLAGE DE LA BRIDE DE SERRAGE**  
 [72] GYOENGYOESI, JUERGEN, DE  
 [71] RASMUSSEN GMBH, DE  
 [22] 2003-05-06  
 [43] 2003-11-23  
 [30] DE (102 22 732.2) 2002-05-23

[21] **2,428,045**  
 [13] A1

[51] Int.Cl. 7B05D 1/28 7B05C 17/02  
 [25] EN  
**[54] PAINT APPLICATOR**  
**[54] APPLICATEUR DE PEINTURE**  
 [72] KARROLL, DAVID, CA  
 [71] KARROLL, DAVID, CA  
 [22] 2003-05-07  
 [43] 2003-11-29  
 [30] US (10/063,959) 2002-05-29

[21] **2,428,142**  
 [13] A1

[51] Int.Cl. 7G08B 5/38  
 [25] FR  
**[54] DISPOSITIF LUMINEUX D'ALERTE ET D'INDICATION D'UNE ISSUE DE SECOURS**  
**[54] LUMINOUS DEVICE PROVIDING WARNING AND INDICATION OF EMERGENCY EXIT**  
 [72] COLBERG, JOACHIM, FR  
 [72] NIEMEYER, ANJA, DE  
 [72] FRIEDRICH, PETER, DE  
 [72] KOHLMEIER-BECKMANN, CARSTEN, DE  
 [71] AIRBUS, FR  
 [71] AIRBUS DEUTSCHLAND GMBH, DE  
 [22] 2003-05-01  
 [43] 2003-11-23  
 [30] FR (02 06271) 2002-05-23

[21] **2,428,275**  
 [13] A1

[51] Int.Cl. 7H01M 8/10 7H01M 8/24  
 [25] EN  
**[54] FUEL CELL**  
**[54] PILE A COMBUSTIBLE**  
 [72] YAMASHITA, SHOJI, JP  
 [72] KOHSAKA, SHOJI, JP  
 [71] KYOCERA CORPORATION, JP  
 [22] 2003-05-07  
 [43] 2003-11-29  
 [30] JP (2002-156284) 2002-05-29  
 [30] JP (2002-249800) 2002-08-28

[21] **2,428,334**  
 [13] A1

[51] Int.Cl. 7E01C 9/08  
 [25] EN  
**[54] METHOD AND APPARATUS FOR CONSTRUCTING A TEMPORARY AUTOMOTIVE VEHICLE PARKING LOT**  
**[54] METHODE ET DISPOSITIF DE CONSTRUCTION D'UN PARC TEMPORAIRE DE STATIONNEMENT DE VEHICULES AUTOMOBILES**  
 [72] POLIVKA, A. BASIL JR., US  
 [71] CENTER WEST ENTERPRISES, US  
 [22] 2003-05-09  
 [43] 2003-11-28  
 [30] US (10/156,371) 2002-05-28

[21] **2,428,384**  
 [13] A1

[51] Int.Cl. 7G01H 5/00 7G01B 17/02  
 [25] EN  
**[54] A METHOD OF AND AN APPARATUS FOR DETERMINING THE SPEED OF SOUND IN A MATERIAL**  
**[54] METHODE ET APPAREIL PERMETTANT DE DETERMINER LA VITESSE DU SON DANS UN MATERIAU**  
 [72] SAUERLAND, MARTIN, DE  
 [71] SMS MEER GMBH, DE  
 [22] 2003-05-08  
 [43] 2003-11-29  
 [30] DE (102 23 786.7) 2002-05-29

[21] **2,428,563**  
 [13] A1

[51] Int.Cl. 7F24H 3/00 7F24H 9/20  
 [25] EN  
**[54] VARIABLE HIGH INTENSITY INFRARED HEATER**  
**[54] ELEMENT CHAUFFANT A INFRAROUGES A HAUTE INTENSITE VARIABLE**  
 [72] AHMADY, FARSHID, US  
 [71] SOLARONICS, INC., US  
 [22] 2003-05-14  
 [43] 2003-11-29  
 [30] US (10/157,685) 2002-05-29

[21] **2,428,602**  
 [13] A1

[51] Int.Cl. 7F41H 3/02  
 [25] EN  
**[54] CAMOUFLAGE NET**  
**[54] FILET DE CAMOUFLAGE**  
 [72] HEXELS, GERD, DE  
 [71] TEXPLORER GMBH, DE  
 [22] 2003-05-13  
 [43] 2003-11-25  
 [30] DE (102 23 333.0) 2002-05-25

[21] **2,428,768**  
 [13] A1

[51] Int.Cl. 7F16K 15/03 7E03F 3/00  
**7E03B 7/07**  
 [25] EN  
**[54] SURGE CHECK UNIT FOR A LIQUID DISTRIBUTION SYSTEM**  
**[54] DISPOSITIF EMPêCHANT LES A-COUPS D'UN SYSTÈME DE DISTRIBUTION DE LIQUIDE**  
 [72] COLTON, GRANT A., SR., US  
 [71] GA INDUSTRIES, INC., US  
 [22] 2003-05-12  
 [43] 2003-11-28  
 [30] US (10/156,591) 2002-05-28

**Canadian Laid-Open Applications**  
**November 23, 2003 - November 29, 2003**

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[21] **2,428,900**  
[13] A1

[51] Int.Cl. 7C08F 4/76 7C08F 2/00 7C08L  
63/00 7C08F 10/02 7C08L 63/08 7C08F 20/  
18 7C08F 4/42 7C08F 4/52 7C08F 4/646  
[25] EN  
[54] OLEFIN POLYMERIZATION  
CATALYST COMPOSITION AND  
PREPARATION THEREOF  
[54] COMPOSITION DE CATALYSEUR  
DE POLYMERISATION D'OLEFINES  
ET PREPARATION DE CELLE-CI  
[72] KIRK, THOMAS CLEVELAND, US  
[72] LUNDQUIST, ERIC GUSTAVE, US  
[72] LYNN, TIMOTHY ROGER, US  
[71] ROHM AND HAAS COMPANY, US  
[22] 2003-05-14  
[43] 2003-11-28  
[30] US (60/383,650) 2002-05-28

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[21] **2,428,916**  
[13] A1

[51] Int.Cl. 7B25B 5/00 7B62J 11/00  
[25] EN  
[54] QUICK RELEASE CLAMP AND  
MOUNTING APPARATUS FOR  
DETACHABLY SECURING AN OBJECT  
TO A BICYCLE OR OTHER DEVICE  
[54] PINCE DE SERRAGE RAPIDE ET  
DISPOSITIF DE FIXATION D'UN  
OBJET A UNE BICYCLETTE OU A UN  
AUTRE DISPOSITIF  
[72] EBERHARDT, WILLIAM J., CA  
[72] GRAHAM, BERNARD J., CA  
[71] EBERHARDT, WILLIAM J., CA  
[71] GRAHAM, BERNARD J., CA  
[22] 2003-05-16  
[43] 2003-11-23  
[30] US (10/152,721) 2002-05-23

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[21] **2,428,930**  
[13] A1

[51] Int.Cl. 7A01B 63/16 7A01B 61/00  
**7A01B 63/22**  
[25] EN  
[54] AGRICULTURAL MACHINE  
[54] MACHINE AGRICOLE  
[72] VIAUD, JEAN, FR  
[72] GUIET, LIONEL, FR  
[71] DEERE & COMPANY, US  
[22] 2003-05-20  
[43] 2003-11-23  
[30] DE (102 22 706.3) 2002-05-23

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[21] **2,428,942**  
[13] A1

[51] Int.Cl. 7B65D 33/25  
[25] EN  
[54] FLEXIBLE PACKAGE HAVING  
SLIDER CLOSURE  
[54] EMBALLAGE SOUPLE A  
FERMETURE COUILLANTE  
[72] KOCHER, PATRICK NORMAN, US  
[72] KINIGAKIS, PANAGIOTIS, US  
[71] KRAFT FOODS HOLDINGS, INC., US  
[22] 2003-05-20  
[43] 2003-11-23  
[30] US (10/155,401) 2002-05-23

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[21] **2,428,943**  
[13] A1

[51] Int.Cl. 7A23C 19/076 7A23C 19/055  
[25] EN  
[54] DAIRY PRODUCTS WITH  
REDUCED AVERAGE PARTICLE SIZE  
[54] PRODUITS LAITIERS AYANT UNE  
TAILLE GRANULOMETRIQUE  
MOYENNE REDUITE  
[72] EIBEL, HERMANN, US  
[72] LOH, JIM BAY P., US  
[72] KENT, CLINTON, US  
[71] KRAFT FOODS HOLDINGS, INC., US  
[22] 2003-05-20  
[43] 2003-11-24  
[30] US (10/154,950) 2002-05-24

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[21] **2,428,950**  
[13] A1

[51] Int.Cl. 7C03B 40/02 7C03B 40/027  
7C23C 16/26 7C23C 16/453  
[25] EN

[54] METHOD AND APPARATUS FOR  
LUBRICATING MOLTEN GLASS  
FORMING MOLDS  
[54] METHODE ET DISPOSITIF DE  
LUBRIFICATION DE PLAQUES DE  
COULAGE DE VERRE LIQUIDE  
[72] NEWSOM, DANIEL L., US  
[72] LEIDY, WAYNE D., US  
[72] BURTON, ROBERT L., US  
[72] SCOTT, GARRETT L., US  
[71] OWENS-BROCKWAY GLASS  
CONTAINER INC., US  
[22] 2003-05-14  
[43] 2003-11-28  
[30] US (10/157,620) 2002-05-28

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[21] **2,428,952**  
[13] A1

[51] Int.Cl. 7G02B 6/13  
[25] EN  
[54] METHOD OF MAKING PHOTONIC  
CRYSTAL  
[54] METHODE DE PRODUCTION DE  
CRISTAUX PHOTONIQUES  
[72] MORI, KEIICHI, JP  
[71] JAPAN AVIATION ELECTRONICS  
INDUSTRY LIMITED, JP  
[22] 2003-05-20  
[43] 2003-11-28  
[30] JP (2002-153860) 2002-05-28

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[21] **2,428,966**  
[13] A1

[51] Int.Cl. 7G09F 9/33 7H05B 33/00  
**7G09F 13/12**  
[25] EN  
[54] LIGHT EMITTING DIODE SIGNS  
AND TRANSLUCENT PLASTIC  
SHEETS USED THEREIN  
[54] PANNEAUX A DIODES  
ELECTROLUMINESCENTES ET  
FEUILLES DE PLASTIQUE  
TRANSPARENT UTILISEES DANS CES  
PANNEAUX  
[72] DIRKX, RYAN RICHARD, US  
[72] REILLY, JACK JOSEPH, US  
[72] KEATING, PAUL JOSEPH, US  
[71] ATOFINA CHEMICALS, INC., US  
[22] 2003-05-16  
[43] 2003-11-23  
[30] US (60/383,228) 2002-05-23  
[30] US (60/438,611) 2003-01-08  
[30] US (UNKNOWN) 2003-05-08

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[21] **2,429,062**  
[13] A1

[51] Int.Cl. 7A23J 3/16 7A23J 1/14 7A23L  
1/20  
[25] EN  
[54] METHOD FOR PREPARING  
IMPROVED SOYBEAN PRODUCTS  
[54] METHODE DE PREPARATION DE  
PRODUITS DE SOJA AMELIORES  
[72] LOH, JIM BAY, US  
[71] KRAFT FOODS HOLDINGS, INC., US  
[22] 2003-05-20  
[43] 2003-11-24  
[30] US (10/154,862) 2002-05-24

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

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[21] **2,429,066**  
 [13] A1

[51] Int.Cl. 7A01F 15/07  
 [25] EN  
**LARGE ROUND BALER**  
 [54] GROSSE PRESSE A BALLES  
**CYLINDRIQUES**  
 [72] DERSCHEID, DANIEL ERIC, FR  
 [72] VIAUD, JEAN, FR  
 [71] DEERE & COMPANY, US  
 [22] 2003-05-20  
 [43] 2003-11-23  
 [30] DE (102 22 715.2) 2002-05-23

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[21] **2,429,087**  
 [13] A1

[51] Int.Cl. 7F16H 48/00 7B23P 19/04  
 [25] EN  
**DRIVING AND LOCKING**  
**MECHANISM FOR A THREADED**  
**BEARING CUP**  
 [54] MECANISME D'ENTRAINEMENT  
**ET DE BLOCAGE POUR BAGUE DE**  
**ROULEMENT FILETEE**  
 [72] RODGERS, MARK EDWARD, US  
 [72] TURNER, GARY A., US  
 [71] DANA CORPORATION, US  
 [22] 2003-05-20  
 [43] 2003-11-24  
 [30] US (10/154,986) 2002-05-24

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[21] **2,429,091**  
 [13] A1

[51] Int.Cl. 7A01D 34/00 7A01B 59/042  
**7A01B 63/24**  
 [25] EN  
**AGRICULTURAL BI-MOWER**  
**WITH CANTILEVER BEAM**  
**SUSPENSION**  
 [54] FAUCHEUSE A DEUX TETES DE  
 FAUCHAGE AVEC SUSPENSION DE  
 POUTRE EN PORTE-A-FAUX  
 [72] SCHLESSER, WALTER MARK, US  
 [72] KRAUS, TIMOTHY JAMES, US  
 [71] DEERE & COMPANY, US  
 [22] 2003-05-20  
 [43] 2003-11-23  
 [30] US (10/154,044) 2002-05-23

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[21] **2,429,092**  
 [13] A1

[51] Int.Cl. 7G02B 5/18 7H04J 14/02  
 [25] EN  
**EMBODYING AMPLITUDE**  
**INFORMATION INTO PHASE MASKS**  
 [54] INCORPORATION DES DONNEES  
**D'AMPLITUDE DANS DES MASQUES**  
**DE PHASE**  
 [72] POPELEK, JAN, US  
 [72] ROTENBERG, JOSHUA E., US  
 [71] TERAXION INC., CA  
 [22] 2003-05-20  
 [43] 2003-11-24  
 [30] US (10/154.505) 2002-05-24

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[21] **2,429,160**  
 [13] A1

[51] Int.Cl. 7B65G 65/30  
 [25] FR  
**DISPOSITIF DE DECHARGE**  
**BRUSQUE D'AIR**  
 [54] DEVICE FOR SUDDEN  
**DISCHARGE OF AIR**  
 [72] SIMOENS, HERVE HUBERT JEAN, FR  
 [71] SIMOENS, HERVE HUBERT JEAN, FR  
 [22] 2003-05-14  
 [43] 2003-11-24  
 [30] FR (02 06374) 2002-05-24

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[21] **2,429,212**  
 [13] A1

[51] Int.Cl. 7H04N 7/167  
 [25] FR  
**PROCEDE DE BROUILLAGE ET**  
**DE DEBROUILLAGE DE SIGNAL**  
**VIDEO, SYSTEME, CODEUR,**  
**DECODEUR, SERVEUR DE**  
**DIFFUSION, SUPPORT DE DONNEES**  
**POUR LA MISE EN OEUVRE DE CES**  
**PROCEDES**  
 [54] PROCESS FOR SCRAMBLING AND  
 UNSCRAMBLING VIDEO SIGNALS,  
 SYSTEM, ENCODER, DECODER,  
 BROADCAST SERVER, DATA MEDIUM  
**FOR THE IMPLEMENTATION OF**  
**THESE PROCESSES**  
 [72] BODO, YANN, FR  
 [72] LAURENT, NATHALIE, FR  
 [72] LAURENT, CHRISTOPHE, FR  
 [71] FRANCE TELECOM, FR  
 [22] 2003-05-21  
 [43] 2003-11-24  
 [30] FR (0206405) 2002-05-24

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[21] **2,429,217**  
 [13] A1

[51] Int.Cl. 7B65G 65/30  
 [25] FR  
**DISPOSITIF DE DECHARGE**  
**BRUSQUE D'AIR AVEC CONDUITE**  
**D'EJECTION AMELIOREE**  
 [54] DEVICE FOR SUDDEN  
**DISCHARGE OF AIR WITH IMPROVED**  
**EJECTION LINE**  
 [72] SIMOENS, HERVE HUBERT JEAN, FR  
 [71] SIMOENS, HERVE HUBERT JEAN, FR  
 [22] 2003-05-14  
 [43] 2003-11-24  
 [30] FR (02 06369) 2002-05-24

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[21] **2,429,229**  
 [13] A1

[51] Int.Cl. 7A01D 67/00  
 [25] FR  
**MACHINE AGRICOLE**  
**COMPORTANT UN DISPOSITIF DE**  
**MISE EN TRANSPORT**  
 [54] AGRICULTURAL MACHINE  
**COMPRISING A TRANSPORTATION**  
**ASSEMBLY**  
 [72] LIGOUY, JEAN-BAPTISTE, FR  
 [71] KUHN S.A., FR  
 [22] 2003-05-21  
 [43] 2003-11-29  
 [30] FR (02 06610) 2002-05-29

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[21] **2,429,281**  
 [13] A1

[51] Int.Cl. 7G01N 1/22 7G01N 1/24  
 [25] EN  
[b] GAS INTRODUCTION APPARATUS AND GAS ANALYZER  
 [54] APPAREIL PERMETTANT DE  
 PRELEVER ET D'ANALYSER LES GAZ  
 [72] IWASAKI, TOSHIO, JP  
 [72] FUJITA, HIROYUKI, JP  
 [71] HITACHI LTD., JP  
 [22] 2003-05-21  
 [43] 2003-11-24  
 [30] JP (2002-151236) 2002-05-24

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[21] **2,429,289**  
 [13] A1

[51] Int.Cl. 7C10L 1/14  
 [25] EN  
**[54] ESSENTIALLY HYDROCARBON COMPOSITIONS TO BE USED AS FUELS WITH ENHANCED LUBRICATING PROPERTIES**  
**[54] COMPOSES CONTENANT ESSENTIELLEMENT DES HYDROCARBURES ET POUVANT SERVIR DE COMBUSTIBLES POSSEDENT DES PROPRIETES LUBRIFIANTES SUPERIEURES**  
 [72] PAVONI, SILVIA, IT  
 [72] CALEMMMA, VINCENZO, IT  
 [71] ENI S.P.A., IT  
 [71] ENITECNOLOGIE S.P.A., IT  
 [22] 2003-05-22  
 [43] 2003-11-24  
 [30] IT (MI2002A 001131) 2002-05-24

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[21] **2,429,297**  
 [13] A1

[51] Int.Cl. 7E05B 47/00 7B64C 1/14  
 [25] EN  
**[54] LOCK MECHANISM FOR SECURING A DOOR KINEMATICS SYSTEM**  
**[54] MECANISME DE VERROUILLAGE POUR SYSTEME DE PORTE CINEMATIQUE**  
 [72] BUCHS, WOLFGANG, DE  
 [72] SCHREITMUELLER, HOLGER, DE  
 [72] NITHYANANDAM, THANGARAJU, DE  
 [71] EUROCOPTER DEUTSCHLAND, DE  
 [22] 2003-05-21  
 [43] 2003-11-29  
 [30] DE (102 23 902.9) 2002-05-29

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[21] **2,429,299**  
 [13] A1

[51] Int.Cl. 7A61B 1/005 7G02B 23/24  
 [25] EN  
**[54] FLEXIBLE ENDOSCOPE INSERTION SHAFT**  
**[54] MANCHE FLEXIBLE POUR L'INSERTION D'ENDOSCOPE**  
 [72] BARRY, JAMES P., US  
 [72] GUERRA, DAVID J., US  
 [71] KARL STORZ IMAGING, INC., US  
 [22] 2003-05-22  
 [43] 2003-11-23  
 [30] US (60/382,836) 2002-05-23  
 [30] US (10/405,187) 2003-04-02

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[21] **2,429,305**  
 [13] A1

[51] Int.Cl. 7D03D 11/00  
 [25] EN  
**[54] INDUSTRIAL TWO-LAYER FABRIC**  
**[54] TISSU INDUSTRIEL DOUBLE EPAISSEUR**  
 [72] NAGURA, HIROYUKI, JP  
 [72] UEDA, IKUO, JP  
 [72] FUJISAWA, SHIGENOBU, JP  
 [71] NIPPON FILCON CO., LTD., JP  
 [22] 2003-05-22  
 [43] 2003-11-24  
 [30] JP (2002-150216) 2002-05-24  
 [30] JP (2002-197018) 2002-07-05  
 [30] JP (2002-197058) 2002-07-05  
 [30] JP (2002-224817) 2002-08-01

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[21] **2,429,333**  
 [13] A1

[51] Int.Cl. 7D21G 1/02  
 [25] EN  
**[54] METHOD AND APPARATUS IN ROPELESS TAIL THREADING IN A MULTI-ROLL CALENDER**  
**[54] METHODE ET DISPOSITIF D'AMORCAGE D'UNE CALANDRE A PLUSIEURS CYLINDRES PERMETTANT D'ENGAGER LA POINTE DIRECTEMENT**  
 [72] VILJANMAA, MIKA, FI  
 [72] LAITIO, JUHA, FI  
 [72] HASANEN, KARI, FI  
 [71] METSO PAPER, INC., FI  
 [22] 2003-05-22  
 [43] 2003-11-28  
 [30] FI (20025027) 2002-05-28

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[21] **2,429,338**  
 [13] A1

[51] Int.Cl. 7G06F 17/30 7H04L 12/16  
 [25] EN  
**[54] METHOD AND APPARATUS FOR CATEGORIZING AND PRESENTING DOCUMENTS OF A DISTRIBUTED DATABASE**  
**[54] METHODE ET APPAREIL PERMETTANT DE CATEGORISER ET DE PRESENTER DES DOCUMENTS D'UNE BASE DE DONNEES REPARTIE**  
 [72] FAIN, DANIEL C., US  
 [72] SAVICH, PETER, US  
 [72] RYAN, PAUL T., US  
 [71] OVERTURE SERVICES, INC., US  
 [22] 2003-05-22  
 [43] 2003-11-24  
 [30] US (10/155,290) 2002-05-24

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[21] **2,429,388**  
 [13] A1

[51] Int.Cl. 7C09J 133/08 7C08J 5/18  
 [25] EN  
**[54] PRESSURE SENSITIVE ADHESIVE SHEET**  
**[54] FEUILLE ADHESIVE AUTOCOLLANTE**  
 [72] MURAKAMI, YOSHIHIDE, JP  
 [72] OKADA, KATSUHIRO, JP  
 [71] NITTO DENKO CORPORATION, JP  
 [22] 2003-05-22  
 [43] 2003-11-29  
 [30] JP (2002-154999) 2002-05-29

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[21] **2,429,389**  
 [13] A1

[51] Int.Cl. 7A01K 29/00  
 [25] EN  
**[54] PET NAIL COVER**  
**[54] COUVRE-ONGLES POUR ANIMAUX DE COMPAGNIE**  
 [72] KUZUU, MASAYUKI, JP  
 [71] KUZUU, MASAYUKI, JP  
 [22] 2003-05-22  
 [43] 2003-11-23  
 [30] JP (2002-186879) 2002-05-23

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[21] **2,429,400**  
 [13] A1

[51] Int.Cl. 7H04N 1/60 7G06T 5/00  
 [25] EN  
**[54] PROCESS AND APPARATUS FOR IMPROVING IMAGE CONTRAST**  
**[54] PROCEDE ET APPAREIL PERMETTANT D'AMELIORER LE CONTRASTE D'IMAGE**  
 [72] ZOLLIKER, PETER, CH  
 [71] IMAGING SOLUTIONS AG, CH  
 [22] 2003-05-22  
 [43] 2003-11-23  
 [30] EP (02 011 534.1) 2002-05-23

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[21] **2,429,405**  
[13] A1

[51] Int.Cl. 7G06F 19/00 7G06F 17/60  
[25] EN  
[54] SYSTEM AND METHOD FOR ASSESSMENT AND CORRECTIVE ACTION BASED ON GUIDELINES  
[54] SYSTEME ET METHODE D'EVALUATION ET DE CORRECTION BASEES SUR DES LIGNES DIRECTRICES  
[72] GORDON, TIM H., US  
[71] BECTON, DICKINSON AND COMPANY, US  
[22] 2003-05-22  
[43] 2003-11-24  
[30] US (10/153,883) 2002-05-24

[21] **2,429,439**  
[13] A1

[51] Int.Cl. 7C22C 38/12 7C22C 38/04  
7C22C 38/08 7C21D 7/13 7C22C 38/20  
[25] EN  
[54] HIGH-STRENGTH STEEL EXCELLENT IN LOW TEMPERATURE TOUGHNESS AND TOUGHNESS AT WELD HEAT-AFFECTED ZONE, METHOD FOR PRODUCING THE SAME, AND METHOD FOR PRODUCING HIGH-STRENGTH STEEL PIPE  
[54] ACIER A HAUTE RESISTANCE AYANT UNE EXCELLENTE TENACITE A BASSE TEMPERATURE ET DANS DES ZONES AYANT ETE CHAUFFEES LORS DE SOUDURE, METHODE POUR LE PRODUIRE ET METHODE POUR PRODUIRE DES TUBES EN CET ACIER  
[72] HARA, TAKUYA, JP  
[72] ASAHI, HITOSHI, JP  
[71] NIPPON STEEL CORPORATION, JP  
[22] 2003-05-23  
[43] 2003-11-27  
[30] JP (2002-152379) 2002-05-27  
[30] JP (2002-377829) 2002-12-26

[21] **2,429,465**  
[13] A1

[51] Int.Cl. 7B32B 27/32 7D06N 7/02  
**7B32B 5/22**  
[25] EN  
[54] COMBINED SOUND AND MOISTURE VAPOR BARRIER SHEET MATERIALS FOR FLOORING UNDERLAYMENT AND CONSTRUCTION APPLICATIONS  
[54] PARE-VAPEUR ET ISOLANT ACOUSTIQUE COMBINES EN PANNEAUX UTILISES COMME SUPPORTS DE REVETEMENT DE SOL, ET EN CONSTRUCTION  
[72] VADHAR, PARIMAL M., US  
[72] FREUNDLICH, RICHARD, US  
[72] RAMESH, NATARAJAN S., US  
[72] NWANA, RUDY, US  
[71] SEALED AIR CORPORATION, US  
[22] 2003-05-23  
[43] 2003-11-24  
[30] US (10/155,574) 2002-05-24

[21] **2,429,471**  
[13] A1

[51] Int.Cl. 7C04B 35/46 7B01F 17/00  
[25] EN  
[54] METHOD FOR PRODUCING CERAMIC DISPERSION COMPOSITION  
[54] METHODE POUR PRODUIRE UNE COMPOSITION DE DISPERSION DE CERAMIQUE  
[72] KOIKE, HIRONOBU, JP  
[72] OKUSAKO, KENSEN, JP  
[72] SAKATANI, YOSHIAKI, JP  
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP  
[22] 2003-05-23  
[43] 2003-11-27  
[30] JP (2002-151968) 2002-05-27  
[30] JP (2002-306672) 2002-10-22  
[30] JP (2003-048951) 2003-02-26

[21] **2,429,477**  
[13] A1

[51] Int.Cl. 7B66B 9/00  
[25] EN  
[54] ELEVATOR INSTALLATION WITH SEVERAL SELF-PROPELLED CARS AND AT LEAST THREE ELEVATOR HOISTWAYS SITUATED ADJACENTLY  
[54] SYSTEME D'ASCENSEURS A PLUSIEURS CABINES AUTOMOTRICES ET AU MOINS TROIS PUITS CONTIGUS  
[72] DEPLAZES, ROMEO, CH  
[72] DUENSER, THOMAS, CH  
[71] INVENTIO AG, CH  
[22] 2003-05-23  
[43] 2003-11-27  
[30] EP (02405420.7) 2002-05-27

[21] **2,429,484**  
[13] A1

[51] Int.Cl. 7B01D 36/02 7B01D 61/02  
**7B01D 65/02 7B01D 65/06 7B01D 35/16**  
**7B01D 61/18 7B01D 35/20 7B01D 61/22**  
**7B01D 61/58**  
[25] EN  
[54] FLUID CONVEYED MATERIAL COLLECTION SYSTEM  
[54] SYSTEME DE COLLECTE DES MATIERES TRANPORTEEES DANS DES LIQUIDES  
[72] ROSENBERGER, STEFAN, DE  
[72] WILSON, JAMES H., US  
[72] SNYDER, THOMAS S., US  
[71] RWE NUKE CORPORATION, US  
[22] 2003-05-23  
[43] 2003-11-24  
[30] US (10/154,693) 2002-05-24

[21] **2,429,491**  
[13] A1

[51] Int.Cl. 7A61C 13/00 7A61C 5/10  
**7A61C 13/34**  
[25] EN  
[54] PREPARATION OF QUARTZ-FREE DENTAL INVESTMENT AND APPLICATION  
[54] PREPARATION ET APPLICATION D'UN REVETEMENT DENTAIRE SANS QUARTZ  
[72] WEISS, JOACHIM, DE  
[71] BEGO BREMER GOLDSCHLAGEREI WILH. HERBST GMBH & CO., DE  
[22] 2003-05-23  
[43] 2003-11-29  
[30] DE (102 23 883.9-23) 2002-05-29

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[21] **2,429,503**  
 [13] A1

[51] Int.Cl. 7G06F 12/14 7H04L 9/00  
**7H04L 12/22**  
 [25] EN  
**[54] SAVE AND COMPARE METHOD TO DETECT CORRUPTION OF WWW PAGES**  
**[54] METHODE D'ENREGISTREMENT ET DE COMPARAISON PERMETTANT DE DETECTER LA CORRUPTION DES PAGES WWW**  
 [72] HEJL, PETR, CA  
 [71] HEJL, PETR, CA  
 [22] 2003-05-26  
 [43] 2003-11-24  
 [30] CA (2,387,324) 2002-05-24

[21] **2,429,504**  
 [13] A1

[51] Int.Cl. 7H04L 12/54 7H04L 29/02  
**7H04L 12/12 7H04L 12/16**  
 [25] EN  
**[54] UNIFIED GROUP MESSAGING**  
**[54] MESSAGERIE DE GROUPE UNIFIEE**  
 [72] HEJL, PETR, CA  
 [71] HEJL, PETR, CA  
 [22] 2003-05-26  
 [43] 2003-11-24  
 [30] CA (2,387,454) 2002-05-24

[21] **2,429,508**  
 [13] A1

[51] Int.Cl. 7B81B 7/02 7H04J 14/02  
**7B81B 7/04**  
 [25] EN  
**[54] PIANO MEMS MICROMIRROR**  
**[54] MIROIR MICROELECTROMECHANIQUE A CLAVIER**  
 [72] MA, YUAN, CA  
 [72] MALA, MOHIUDDIN, CA  
 [72] MILLER, JOHN MICHAEL, CA  
 [72] MCKINNON, GRAHAM, CA  
 [71] JDS UNIPHASE INC., CA  
 [22] 2003-05-23  
 [43] 2003-11-28  
 [30] US (60/383,106) 2002-05-28

[21] **2,429,509**  
 [13] A1

[51] Int.Cl. 7C09D 183/04 7C09D 163/00  
**7C08J 7/04 7C09J 161/06 7C09J 183/08**  
**7C08J 5/12**  
 [25] EN  
**[54] COOLANT RESISTANT AND THERMALLY STABLE PRIMER COMPOSITION**  
**[54] APPRET RESISTANT AUX LIQUIDES DE REFROIDISSEMENT ET THERMIQUEMENT STABLE**  
 [72] WANG, ZHIQIANG M., US  
 [71] LORD CORPORATION, US  
 [22] 2003-05-21  
 [43] 2003-11-23  
 [30] US (10/148,053) 2002-05-23

[21] **2,429,511**  
 [13] A1

[51] Int.Cl. 7G06F 17/60  
 [25] EN  
**[54] METHOD AND APPARATUS FOR MANAGING AN OPERATION**  
**[54] METHODE ET APPAREIL DE GESTION D'UNE OPERATION**  
 [72] BUDNIK, DANIEL J., US  
 [72] COULOMBE, GHISLAIN, US  
 [71] UNITED TECHNOLOGIES CORPORATION, US  
 [22] 2003-05-21  
 [43] 2003-11-24  
 [30] US (10/063,922) 2002-05-24

[21] **2,429,548**  
 [13] A1

[51] Int.Cl. 7F23D 14/84  
 [25] EN  
**[54] COHERENT JET SYSTEM WITH SINGLE RING FLAME ENVELOPE**  
**[54] LANCE A JETS COHERENTS PRODUISANT UN PANACHE DE FLAMME AU MOYEN D'UN SEUL ANNEAU**  
 [72] MAHONEY, WILLIAM JOHN, US  
 [71] PRAXAIR TECHNOLOGY, INC., US  
 [22] 2003-05-22  
 [43] 2003-11-24  
 [30] US (10/153,669) 2002-05-24

[21] **2,429,552**  
 [13] A1

[51] Int.Cl. 7E04B 1/38 7F16B 1/00  
 [25] EN  
**[54] DECK MOUNTING BRACKET**  
**[54] SUPPORT DE MONTAGE POUR TERRASSES**  
 [72] BURGESS, ANDREW PAUL, US  
 [71] MENARD, INC., US  
 [22] 2003-05-23  
 [43] 2003-11-23  
 [30] US (10/154,244) 2002-05-23

[21] **2,429,584**  
 [13] A1

[51] Int.Cl. 7F04D 29/04  
 [25] EN  
**[54] HORIZONTAL CENTRIFUGAL PUMPING SYSTEM**  
**[54] SYSTEME DE POMPAGE CENTRIFUGE HORIZONTAL**  
 [72] MASCOLA, JAMES V., US  
 [71] SCHLUMBERGER CANADA LIMITED, CA  
 [22] 2003-05-22  
 [43] 2003-11-23  
 [30] US (60/382,891) 2002-05-23

[21] **2,429,594**  
 [13] A1

[51] Int.Cl. 7A61B 5/15 7A61B 17/32  
**7A61B 17/34**  
 [25] EN  
**[54] BLOOD REMOVAL SYSTEM**  
**[54] SYSTEME DE PRELEVEMENT DU SANG**  
 [72] LIST, HANS, DE  
 [72] THOES, BRUNO ROBERT, DE  
 [72] RUSCHKE, PETER, DE  
 [72] SCHABBACH, MICHAEL, DE  
 [72] KINTZIG, HANS, DE  
 [71] F. HOFFMANN-LA ROCHE AG, CH  
 [22] 2003-05-26  
 [43] 2003-11-28  
 [30] DE (102 23 558.9) 2002-05-28

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[21] **2,429,608**  
[13] A1

[51] Int.Cl. 7C03C 3/078 7H04J 14/02  
[25] EN  
[54] GLASS FOR WAVELENGTH DIVISION MULTIPLEXING OPTICAL FILTER  
[54] VERRE POUR FILTRE OPTIQUE MULTIPLEXEUR DE SEPARATION DES LONGUEURS D'ONDE  
[72] KURIYAMA, NOBUYA, JP  
[71] CENTRAL GLASS COMPANY, LIMITED, JP  
[22] 2003-05-26  
[43] 2003-11-27  
[30] JP (2002-151696) 2002-05-27  
[30] JP (2002-151695) 2002-05-27  
[30] JP (2002-186216) 2002-06-26

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[21] **2,429,754**  
[13] A1

[51] Int.Cl. 7A61L 15/00 7A61L 26/00  
7A61N 5/067 7A61B 18/20 7A61L 15/22  
[25] EN  
[54] METHOD OF USING GEL SHEETS FOR LASER TREATMENT  
[54] METHODE PERMETTANT D'UTILISER DES FEUILLES DE GEL POUR TRAITEMENT AU LASER  
[72] STRASSER, WOLFGANG, DE  
[72] WOKALEK, HEINRICH, DE  
[71] ED. GEISTLICH SOEHNE AG FUER CHEMISCHE INDUSTRIE, CH  
[22] 2003-05-23  
[43] 2003-11-23  
[30] US (60/382,373) 2002-05-23

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[21] **2,429,756**  
[13] A1

[51] Int.Cl. 7B26B 19/04 7B26B 19/38  
[25] EN  
[54] AN ELECTRIC SHAVER  
[54] RASOIR ELECTRIQUE  
[72] AKABANE, TETSUYA, JP  
[72] UCHIYAMA, HIROMI, JP  
[72] IWASHITA, SEIJI, JP  
[72] KOBAYASHI, HIROSHI, JP  
[72] HIRABAYASHI, AKIRA, JP  
[72] IZUMI, YUKIO, JP  
[71] IZUMI PRODUCTS COMPANY, JP  
[22] 2003-05-23  
[43] 2003-11-27  
[30] JP (2002-152957) 2002-05-27

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[21] **2,429,758**  
[13] A1

[51] Int.Cl. 7A61B 17/74 7A61F 2/02  
7A61F 2/36 7A61F 2/46 7A61B 17/76  
7A61B 17/88 7A61B 17/90  
[25] EN  
[54] METHOD AND APPARATUS FOR REDUCING FEMORAL FRACTURES  
[54] METHODE ET APPAREIL POUR LA REDUCTION DES FRACTURES FEMORALES  
[72] SISK, BILLY, US  
[72] DIETZEL, STEVEN E., US  
[72] MILLER, RICK, US  
[72] LOZIER, ANTONY J., US  
[72] THELAN, SARAH L., US  
[71] ZIMMER TECHNOLOGY, INC., US  
[22] 2003-05-23  
[43] 2003-11-23  
[30] US (10/155,683) 2002-05-23

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[21] **2,429,764**  
[13] A1

[51] Int.Cl. 7B60R 13/08  
[25] EN  
[54] MULTI SEGMENT PARTS  
[54] PIECES A SEGMENTS MULTIPLES  
[72] SOUVAY, DENIS, FR  
[72] LE GALL, ERIC, FR  
[72] BIEBER, SERGE, FR  
[72] LUTZ, JEAN-PHILIPPE, FR  
[71] L & L PRODUCTS, INC., US  
[22] 2003-05-23  
[43] 2003-11-23  
[30] GB (0211775.2) 2002-05-23

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[21] **2,429,770**  
[13] A1

[51] Int.Cl. 7B60R 21/16  
[25] EN  
[54] IMPROVED CURTAIN AIR BAG ASSEMBLY  
[54] SAC GONFLABLE AMELIORE DE TYPE RIDEAU  
[72] OLSON, MARK OTTO, US  
[72] WIPASURAMONTON, PONGDET PAUL, US  
[72] KAUSTUBH, BEDEKAR, US  
[72] JARAMILLO, JAMISON, US  
[72] WEBER, PAUL RAYMOND, US  
[72] JU, CHANG-HWAN, US  
[72] SALMO, SHAKIR M., US  
[72] COON, JEFFREY S., US  
[72] MONIACI, KENNETH, DOUGLAS, US  
[71] BREED AUTOMOTIVE TECHNOLOGY INC., US  
[22] 2003-05-23  
[43] 2003-11-24  
[30] US (60/382,948) 2002-05-24

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[21] **2,429,774**  
[13] A1

[51] Int.Cl. 7H05K 7/14 7H05K 7/20  
[25] EN  
[54] HOUSING FOR CIRCUIT CARDS  
[54] LOGEMENT DE CARTES IMPRIMEES  
[72] HAM, CHARLES G., US  
[72] GUSTINE, GARY, US  
[72] KUSZ, MATTHEW, US  
[72] SAWYER, MICHAEL, US  
[71] ADC DSL SYSTEMS, INC., US  
[22] 2003-05-23  
[43] 2003-11-24  
[30] US (10/155,050) 2002-05-24

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[21] **2,429,778**  
[13] A1

[51] Int.Cl. 7H04B 10/14 7G02B 6/42  
7G02B 6/44  
[25] EN  
[54] OPTICAL MODULE  
[54] MODULE OPTIQUE  
[72] OKI, KAZUSHIGE, JP  
[72] KURASHIMA, HIROMI, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2003-05-23  
[43] 2003-11-29  
[30] JP (2002-156344) 2002-05-29

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[21] **2,429,855**  
[13] A1

[51] Int.Cl. 7H04L 12/56  
[25] FR  
[54] PROCEDE DE RECONSTITUTION DE MESSAGES ACHEMINES PAR UN OU PLUSIEURS RESEAUX DE TRANSMISSION PAR PAQUETS  
[54] PROCESS FOR RECONSTITUTING MESSAGES CONVEYED BY ONE OR MORE PACKET NETWORKS  
[72] PITOT, CHRISTIAN, FR  
[72] COLAS, GERARD, FR  
[71] THALES, FR  
[22] 2003-05-27  
[43] 2003-11-28  
[30] FR (02 06508) 2002-05-28

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**November 23, 2003 - November 29, 2003**

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[21] **2,429,870**  
[13] A1

[51] Int.Cl. 7B23P 15/00 7F16D 27/14  
[25] EN  
[54] DEVICE AND METHOD FOR BONDING FRICTION MATERIAL OF CLUTCH PULLEY  
[54] DISPOSITIF ET METHODE D'ADHERENCE DE MATERIAU DE FRICTION POUR POULIE D'ACCOUPLEMENT  
[72] CHOI, BOKKYU, KR  
[72] KIM, JONGSU, KR  
[72] KIM, KIYEON, KR  
[71] HALLA CLIMATE CONTROL CORPORATION, KR  
[22] 2003-05-27  
[43] 2003-11-27  
[30] KR (2002-29272) 2002-05-27

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[21] **2,429,877**  
[13] A1

[51] Int.Cl. 7H04B 3/23  
[25] EN  
[54] ECHO CANCELLER EMPLOYING H-REGISTER AND STORAGE REGISTER  
[54] SUPPRESSEUR D'ECHO FAISANT APPEL A UN REGISTRE H ET A UN REGISTRE DE STOCKAGE  
[72] SCHULZ, DIETER, CA  
[72] RADECKI, JAN, CA  
[72] POPOVIC, MIRJANA, CA  
[71] MITEL KNOWLEDGE CORPORATION, CA  
[22] 2003-05-27  
[43] 2003-11-28  
[30] GB (0212298.4) 2002-05-28

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[21] **2,429,878**  
[13] A1

[51] Int.Cl. 7H04L 12/24 7H04L 12/56  
[25] EN  
[54] METHOD FOR ALTERNATE ROUTING OF COMMUNICATION CONNECTIONS  
[54] METHODE D'ACHEMINEMENT DE COMMUNICATIONS PAR VOIE DETOURNEE  
[72] WINTER, JOHANNES, AT  
[72] WILLE, KLAUS, AT  
[72] HORVATH, ERNST, AT  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[22] 2003-05-27  
[43] 2003-11-29  
[30] DE (10223980.0) 2002-05-29

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[21] **2,429,896**  
[13] A1

[51] Int.Cl. 7B30B 15/00  
[25] EN  
[54] TOOL-CHANGING DEVICE FOR PRESSES  
[54] CHANGEUR D'OUTILS DE PRESSE  
[72] REICHENBACH, RAINER, DE  
[72] HARSH, ERICH, DE  
[71] MULLER WEINGARTEN AG, DE  
[22] 2003-05-28  
[43] 2003-11-29  
[30] DE (102 23 897.9) 2002-05-29

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[21] **2,429,899**  
[13] A1

[51] Int.Cl. 7H01M 8/10  
[25] EN  
[54] SOLID OXIDE FUEL CELL  
[54] PILE A COMBUSTIBLE A OXYDE SOLIDE  
[72] MIYAKE, YASUO, JP  
[72] TAKAOKA, DAIZO, JP  
[72] TANIGUCHI, SHUNSUKE, JP  
[72] CHIKANO, YOSHITO, JP  
[72] OKAMOTO, TAKASHI, JP  
[71] SANYO ELECTRIC CO., LTD., JP  
[22] 2003-05-28  
[43] 2003-11-29  
[30] JP (2002-156076) 2002-05-29  
[30] JP (2003-050591) 2003-02-27

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[21] **2,429,904**  
[13] A1

[51] Int.Cl. 7B41C 1/00  
[25] EN  
[54] APPARATUS FOR PRODUCING A PRINTING FORM  
[54] APPAREIL POUR PRODUIRE UNE FORME D'IMPRESSION  
[72] DETMERS, ANDREAS, DE  
[72] HARBACH, CLAUS, DE  
[72] UIHLEIN, MARKUS, DE  
[72] LASSEN, BERND, DE  
[72] ZINTZEN, BERNHARD, DE  
[72] PAULSEN, LARS, DE  
[72] PAASCH, BURKHARD, DE  
[72] MEIER, CHRISTIAN, DE  
[72] MADER, SVEN, DE  
[71] HEIDELBERGER DRUCKMASCHINEN AKTIENGESELLSCHAFT, DE  
[22] 2003-05-28  
[43] 2003-11-28  
[30] DE (102 23 645.3) 2002-05-28

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[21] **2,429,912**  
[13] A1

[51] Int.Cl. 7A61J 7/04 7B65D 39/08  
[25] EN  
[54] MEDICATION REMINDER SYSTEM  
[54] PENSE-BETE A MEDICAMENTS  
[72] SHANE, TERRY, CA  
[71] SHANE, TERRY, CA  
[22] 2003-05-28  
[43] 2003-11-28  
[30] US (60/383,127) 2002-05-28

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[21] **2,429,921**  
[13] A1

[51] Int.Cl. 7G08C 17/02 7H04B 7/00  
7G08C 23/02 7H01H 71/74  
[25] EN  
[54] WIRELESS TRANSCEIVER MODULE AND SYSTEM EMPLOYING A WIRELESS TRANCEIVER APPARATUS BETWEEN A PORTABLE COMMUNICATING DEVICE AND A COMMUNICATION NETWORK  
[54] MODULE EMETTEUR-RECEPTEUR SANS FIL ET SYSTEME UTILISANT UN APPAREIL A EMETTEUR-RECEPTEUR SANS FIL ENTRE UN DISPOSITIF DE COMMUNICATION PORTATIF ET UN RESEAU DE COMMUNICATION  
[72] ENGEL, JOSEPH CHARLES, US  
[72] RUSNAK, MARK FREDERICK, US  
[72] TROEMEL, STEPHEN THOMAS, US  
[72] LUEBKE, CHARLES JOHN, US  
[71] EATON CORPORATION, US  
[22] 2003-05-28  
[43] 2003-11-29  
[30] US (10/157,772) 2002-05-29

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[21] **2,429,922**  
[13] A1

[51] Int.Cl. 7B26D 1/147  
[25] EN  
[54] COMPRESSION-CUTTING AND FACING METHOD  
[54] METHODE DE COUPE PAR COMPRESSION ET DE FINITION DE BORD  
[72] BOGRETT, BLAKE B., US  
[72] ALLWEIN, ROBERT J., US  
[71] JOHNS MANVILLE INTERNATIONAL, INC., US  
[22] 2003-05-28  
[43] 2003-11-29  
[30] US (10/158,307) 2002-05-29

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

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[21] **2,429,928**

[13] A1

[51] Int.Cl. 7H04B 3/23 7H04B 3/46  
[25] EN  
[54] LINE ECHO CANCELLATION SYSTEM  
[54] SYSTEME D'ANNULATION D'ECHO DE LIGNE  
[72] SCHULZ, DIETER, CA  
[72] POPOVIC, MIRJANA, CA  
[72] RADECKI, JAN, CA  
[71] MITEL KNOWLEDGE CORPORATION, CA  
[22] 2003-05-27  
[43] 2003-11-29  
[30] GB (0212397.4) 2002-05-29

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[21] **2,429,932**

[13] A1

[51] Int.Cl. 7E21B 43/117 7F42B 3/00  
7F42B 33/00 7F42B 3/28  
[25] EN  
[54] CIRCULAR SHAPED CHARGE  
[54] CHARGE CIRCULAIRE  
[72] GRATTAN, TONY F., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 2003-05-27  
[43] 2003-11-28  
[30] US (10/156,220) 2002-05-28

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[21] **2,429,962**

[13] A1

[51] Int.Cl. 7A23G 1/00 7A23L 1/236  
[25] EN  
[54] FOOD COMPOSITION BASED ON COCOA ADMIXED WITH INTENSIVE SWEETENERS AND PROCESS FOR PREPARATION OF SAME  
[54] COMPOSITION ALIMENTAIRE A BASE DE CACAO MELANGE A DES EDULCORANTS INTENSIFS ET METHODE POUR SA PREPARATION  
[72] NERI, NAPOLEONE, IT  
[71] SUGAR COMPANY S.R.L., IT  
[22] 2003-05-26  
[43] 2003-11-29  
[30] EP (02425340.3) 2002-05-29

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[21] **2,429,965**

[13] A1

[51] Int.Cl. 7B26B 19/38 7B26B 19/04  
[25] EN  
[54] AN ELECTRIC SHAVER  
[54] RASOIR ELECTRIQUE  
[72] IWASHITA, SEIJI, JP  
[72] IZUMI, YUKIO, JP  
[72] HIRABAYASHI, AKIRA, JP  
[71] IZUMI PRODUCTS COMPANY, JP  
[22] 2003-05-26  
[43] 2003-11-29  
[30] JP (2002-156105) 2002-05-29

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[21] **2,429,968**

[13] A1

[51] Int.Cl. 7B26B 19/38 7B26B 19/04  
[25] EN  
[54] AN ELECTRIC SHAVER  
[54] RASOIR ELECTRIQUE  
[72] UCHIYAMA, HIROMI, JP  
[72] HIRABAYASHI, AKIRA, JP  
[72] IZUMI, YUKIO, JP  
[72] IWASHITA, SEIJI, JP  
[71] IZUMI PRODUCTS COMPANY, JP  
[22] 2003-05-26  
[43] 2003-11-29  
[30] JP (2002-155415) 2002-05-29

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[21] **2,429,975**

[13] A1

[51] Int.Cl. 7B65D 25/52 7B65D 83/08  
7A47K 10/20 7A47K 10/42  
[25] EN  
[54] REFILLABLE FLEXIBLE SHEET DISPENSER  
[54] DISTRIBUTEUR DE FEUILLES SOUPLES REMPLACABLES  
[72] PITCHER, DAVID H., US  
[72] REINKE, CHRISTOPHER, US  
[72] SEARS, CHARLES W., US  
[72] SUSI, MICHAEL A., US  
[71] FORT JAMES CORPORATION, US  
[22] 2003-05-26  
[43] 2003-11-28  
[30] US (10/155,028) 2002-05-28

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[21] **2,429,977**

[13] A1

[51] Int.Cl. 7G01N 27/419 7G01N 27/409  
[25] EN  
[54] SENSOR AND DEVICE FOR DETECTING SULFUR  
[54] CAPTEUR ET DISPOSITIF DE DETECTION DU SOUFRE  
[72] SUGANUMA, SHIGEAKI, JP  
[72] WATANABE, MISA, JP  
[72] HORIUCHI, MICHIO, JP  
[71] SHINKO ELECTRIC INDUSTRIES CO., LTD., JP  
[22] 2003-05-26  
[43] 2003-11-27  
[30] JP (2002-152939) 2002-05-27

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[21] **2,430,009**

[13] A1

[51] Int.Cl. 7G01N 1/10 7B01L 11/00  
7B05B 1/02 7G01N 1/38 7G01N 27/62  
[25] EN  
[54] MULTIMODE SAMPLE INTRODUCTION SYSTEM  
[54] SYSTEME D'INJECTION D'ECHANTILLONS A PLUSIEURS MODES  
[72] BRINDLE, IAN DAVID, CA  
[72] MC LAUGHLIN, ROGER LOUIS JOSEPH, CA  
[71] BROCK UNIVERSITY, CA  
[22] 2003-05-28  
[43] 2003-11-28  
[30] US (60/383,103) 2002-05-28

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[21] **2,430,020**

[13] A1

[51] Int.Cl. 7A47B 47/00 7A47B 96/20  
[25] EN  
[54] INTERCHANGEABLE CABINETWARE  
[54] ARTICLES DE MOBILIER INTERCHANGEABLES  
[72] TREES, KATHLEEN, US  
[71] TREES, KATHLEEN, US  
[22] 2003-05-28  
[43] 2003-11-28  
[30] US (60/383,738) 2002-05-28

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**November 23, 2003 - November 29, 2003**

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[21] **2,430,021**  
[13] A1

[51] Int.Cl. 7H04N 1/387 7H04L 9/32  
[25] EN  
[54] METHOD OF DETECTING  
CHANGES OCCURRING IN IMAGE  
EDITING USING WATERMARKS  
[54] METHODE DE DETECTION DE  
CHANGEMENTS PRODUITS DANS  
L'EDITION D'IMAGES AVEC  
FILIGRANES  
[72] ROLLESTON, ROBERT J., US  
[72] CHENG, HUI, US  
[72] FAN, ZHIGANG, US  
[71] XEROX CORPORATION, US  
[22] 2003-05-26  
[43] 2003-11-29  
[30] US (10/158,027) 2002-05-29

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[21] **2,430,027**  
[13] A1

[51] Int.Cl. 7C22B 1/244 7C21B 15/00  
7C09C 1/44  
[25] EN  
[54] CARBON CONTAINING  
NONFIRED AGGLOMERATED ORE  
FOR BLAST FURNACE AND  
PRODUCTION METHOD THEREOF  
[54] CHARBON CONTENANT DU  
MINERAU AGGLOMERÉE NON BRULE  
POUR HAUT FOURNEAU, ET  
METHODE PRODUCTION  
[72] KANOSHIMA, HIDEO, JP  
[72] UEKAWA, SEITA, JP  
[72] NAITO, MASAAKI, JP  
[72] MORIMOTO, KOJI, JP  
[72] MATSUNAGA, SHINICHI, JP  
[71] NIPPON STEEL CORPORATION, JP  
[71] TETSUGEN CORPORATION, JP  
[22] 2003-05-26  
[43] 2003-11-28  
[30] JP (2002-153640) 2002-05-28

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[21] **2,430,089**  
[13] A1

[51] Int.Cl. 7B09C 1/04 7B03B 4/00 7B09C  
1/02  
[25] EN  
[54] METHOD OF  
DECONTAMINATING SOIL  
[54] METHODE DE  
DECONTAMINATION DU SOL  
[72] BERGERON, MARIO, CA  
[71] INSTITUT NATIONAL DE LA  
RECHERCHE SCIENTIFIQUE, CA  
[22] 2003-05-23  
[43] 2003-11-27  
[30] CA (2,387,528) 2002-05-27  
[30] CA (2,414,648) 2002-12-18  
[30] US (10/325,536) 2002-12-19

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[21] **2,430,095**  
[13] A1

[51] Int.Cl. 7A23P 1/08 7A22C 13/00  
7A23P 1/00 7B65D 81/24 7A23L 1/31  
7A23L 1/317 7B65D 65/42  
[25] EN  
[54] FILMS AND CASING HAVING  
ANTI-LISTERIA PROPERTIES  
[54] PELLICULES ET BARQUETTES  
AYANT DES PROPRIETES ANTI-  
LISTERIA  
[72] DUCHARME, PAUL E., JR., US  
[72] NICHOLSON, MYRON D., US  
[72] GAYNOR, DENNIS A., US  
[71] VISKASE CORPORATION, US  
[22] 2003-05-27  
[43] 2003-11-28  
[30] US (60/383,107) 2002-05-28  
[30] US (60/440,551) 2003-01-16

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[21] **2,430,153**  
[13] A1

[51] Int.Cl. 7G01M 15/00 7B64D 47/00  
7G06F 19/00 7G01M 1/14  
[25] FR  
[54] PROCEDE ET SYSTEME DE  
DETECTION D'ENDOMMAGEMENT  
DE ROTOR D'UN MOTEUR  
D'AERONEF  
[54] PROCESS AND SYSTEM FOR  
DETECTING AIRCRAFT ENGINE  
ROTOR DAMAGE  
[72] EVEN, PHILIPPE, FR  
[72] COMPERAT, PATRICK, FR  
[71] SNECMA SERVICES, FR  
[71] SNECMA MOTEURS, FR  
[22] 2003-05-28  
[43] 2003-11-28  
[30] FR (02 06530) 2002-05-28

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[21] **2,430,183**  
[13] A1

[51] Int.Cl. 7F04B 53/10 7F04B 47/02  
7E21B 43/34  
[25] EN  
[54] MECHANICALLY ACTUATED  
GAS SEPARATOR FOR DOWNHOLE  
PUMP  
[54] SEPARATEUR DE GAZ  
MECANIQUE POUR POMPE DE FOND  
[72] WILLIAMS, BENNY J., US  
[71] HARBISON-FISCHER, INC., US  
[22] 2003-05-28  
[43] 2003-11-28  
[30] US (60/383,537) 2002-05-28

[21] **2,430,204**  
[13] A1

[51] Int.Cl. 7A01C 15/02 7A01D 75/00  
7A01M 21/00 7A01C 7/02 7G01N 27/22  
7G01R 27/26  
[25] EN  
[54] GRAIN MOISTURE SENSOR  
[54] HUMIDIMETRE POUR GRAINS  
[72] FRASER, WILLIAM D., CA  
[71] FRASER, WILLIAM D., CA  
[22] 2003-05-28  
[43] 2003-11-23

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[21] **2,430,207**  
[13] A1

[51] Int.Cl. 7A47J 31/40 7A47J 31/44  
7A47J 31/54  
[25] EN  
[54] APPARATUS FOR PREPARING  
HOT BEVERAGES WITH A BOILER  
AND AN ASSEMBLY FOR INHIBITING  
SCALE  
[54] APPAREIL POUR LA  
PREPARATION DE BOISSONS  
CHAUDES A CHAUFFE-EAU ET A  
INHIBITEUR D'ENTARTRAGE  
[72] MEINEKE, HELMUT, DE  
[72] KELLER, PETER, DE  
[71] FIANARA INTERNATIONAL B.V.,  
NL  
[22] 2003-05-28  
[43] 2003-11-29  
[30] DE (102 23 903.7) 2002-05-29

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[21] **2,430,219**  
[13] A1

[51] Int.Cl. 7F25B 30/06 7F28F 13/00  
7F24J 3/00  
[25] EN  
[54] RADIANT HEAT PUMP  
[54] THERMOPOMP A  
RAYONNEMENT  
[72] LATOS, GORDON D., CA  
[71] LATOS, GORDON D., CA  
[22] 2003-05-28  
[43] 2003-11-28  
[30] US (60/383,115) 2002-05-28

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

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[21] **2,430,385**  
[13] A1

[51] Int.Cl. 7G02B 3/08  
[25] EN  
[54] GRADIENT-INDEX LENS, AND  
METHOD FOR PRODUCING THE  
SAME  
[54] LENTILLE A GRADIENT  
D'INDICE ET METHODE DE  
FABRICATION CONNEXE  
[72] TSUNETOMO, KEIJI, JP  
[71] NIPPON SHEET GLASS CO., LTD., JP  
[22] 2003-05-29  
[43] 2003-11-29  
[30] JP (2002-154904) 2002-05-29

[21] **2,435,630**  
[13] A1

[51] Int.Cl. 7A45F 3/04  
[25] EN  
[54] BACKPACK  
[54] SAC A DOS  
[72] ROBERT, BRIAN, CA  
[71] ROBERT, BRIAN, CA  
[22] 2003-07-21  
[43] 2003-11-26

[21] **2,430,573**  
[13] A1

[51] Int.Cl. 7B65D 55/02  
[25] EN  
[54] LOCKING MECHANISM FOR  
CONTAINER  
[54] MECANISME DE VERROUILLAGE  
DE CONTENEUR  
[72] HOWES, DONALD E., CA  
[71] WASTELINE RENTALS LTD., CA  
[22] 2003-05-30  
[43] 2003-11-23

[21] **2,431,076**  
[13] A1

[51] Int.Cl. 7G06F 12/14  
[25] EN  
[54] ACCESS SYSTEM, DEVICE AND  
METHOD  
[54] SYSTEME, DISPOSITIF ET  
METHODE D'ACCES  
[72] CAVERS, F. MERVYN, CA  
[71] CAVERS, F. MERVYN, CA  
[22] 2003-05-27  
[43] 2003-11-29  
[30] US (60/383,598) 2002-05-29

[21] **2,435,114**  
[13] A1

[51] Int.Cl. 7A47L 7/00 7A47L 7/02 7A46B  
17/08 7A47L 13/38  
[25] FR  
[54] BALAI PORTE POUSSIÈRE  
AUTOMATIQUE  
[54] AUTOMATIC DUST PAN BROOM  
[72] STEWART, PIERRE, CA  
[71] STEWART, PIERRE, CA  
[22] 2003-07-21  
[43] 2003-11-26

**Canadian Laid-Open Applications**  
**November 23, 2003 - November 29, 2003**

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## Demandes PCT entrant en phase nationale

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[21] **2,413,931**  
[13] A1

[51] Int.Cl. 7C12Q 1/68 7C12M 1/00  
7C12N 15/09 7G01N 33/53  
[25] EN  
[54] KIT AND METHOD FOR DETERMINING HLA TYPES  
[54] ENSEMBLE ET PROCEDE DE DETERMINATION DU TYPE DE HLA  
[72] NISHIDA, MICHIO, JP  
[72] ICHIHARA, TATSUO, JP  
[72] KAGIYA, TAEKO, JP  
[72] MORIYA, SHOGO, JP  
[72] MATSUMURA, YOSHIIKU, JP  
[72] INOKO, HIDETOSHI, JP  
[71] NISSHINBO INDUSTRIES, INC., JP  
[85] 2002-11-28  
[86] 2001-06-01 (JP2001004662)  
[87] 2003-11-28 (2001092572)  
[30] JP (2000-164798) 2000-06-01

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[21] **2,428,725**  
[13] A1

[51] Int.Cl. 7E21B 43/16 7B09C 1/02  
7B09C 1/08 7C02F 1/72  
[25] EN  
[54] METHOD FOR RECOVERING HYDROCARBONS FROM TAR SANDS AND OIL SHALES  
[54] RECUPERATION D'HYDROCARBURES CONTENUS DANS DES SABLES BITUMINEUX ET DES SCHISTES BITUMINEUX  
[72] CONAWAY, LAWRENCE M., US  
[71] CONTINUUM ENVIRONMENTAL, INC., US  
[85] 2003-05-13  
[86] 2000-11-20 (US2000031926)  
[87] 2001-06-07 (2001039904)  
[30] US (09/451,293) 1999-11-30

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[21] **2,432,348**  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] BUSINESS TRANSACTIONS USING THE INTERNET  
[54] TRANSACTIONS D'AFFAIRES UTILISANT L'INTERNET  
[72] GIL, BOGUSLAW, US  
[72] SZLAM, ALEKSANDER, US  
[72] WALDER, KARL A., US  
[71] INVENTIONS, INC., US  
[71] ESHARE COMMUNICATIONS, INC., US  
[85] 2003-06-19  
[86] 2000-11-17 (US2000031573)  
[87] 2001-06-28 (2001046830)  
[30] US (09/469,587) 1999-12-22

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[21] **2,437,933**  
[13] A1

[51] Int.Cl. 7G06F 17/30  
[25] EN  
[54] PREDICTIVE CACHING AND HIGHLIGHTING OF WEB PAGES  
[54] MISE EN MEMOIRE CACHE ET MISE EN VALEUR PREVISIONNELLES DE PAGES WEB  
[72] LIPTON, STEVEN JAY, US  
[72] LANGFORD, JOHN STEVEN, US  
[72] HAMILTON, RICK ALLEN, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2003-08-08  
[86] 2002-03-06 (GB2002001000)  
[87] 2002-09-19 (2002073460)  
[30] US (09/801,590) 2001-03-08

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[21] **2,437,923**  
[13] A1

[51] Int.Cl. 7G06F 15/16 7G06F 17/21  
[25] EN  
[54] AUTOMATED MANAGEMENT OF INTERNET AND/OR WEB SITE CONTENT  
[54] GESTION AUTOMATISEE DE CONTENU DE SITE INTERNET ET/OU WEB  
[72] SHORE, THOMAS ALAN, US  
[72] MCGUIRE, TIMOTHY JERALD, US  
[72] LAMBERT, TERRY CHARLES, US  
[72] EDD, LINDA D., US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2003-08-08  
[86] 2001-10-05 (US2001042531)  
[87] 2002-12-12 (2002099672)  
[30] US (09/871,920) 2001-06-01

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[21] **2,438,594**  
[13] A1

[51] Int.Cl. 7C07D 403/14 7A61P 43/00  
7A61K 31/395  
[25] EN  
[54] DIAZOCINE DERIVATIVES AND THEIR USE AS TRYPTASE INHIBITORS  
[54] DERIVES DE DIAZOCINE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE TRYPTASE  
[72] BAR, THOMAS, DE  
[72] MARTIN, THOMAS, DE  
[72] WOLLIN, STEFAN-LUTZ, DE  
[72] STADLWIESER, JOSEF, DE  
[72] ZECH, KARL, DE  
[72] SOMMERHOFF, CHRISTIAN P., DE  
[72] ULRICH, WOLF-RUDIGER, DE  
[71] ALTANA PHARMA AG, DE  
[85] 2003-09-22  
[86] 2002-01-26 (EP2002000831)  
[87] 2002-08-08 (2002060895)  
[30] EP (01102098.9) 2001-01-31

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[21] 2,438,902  
[13] A1

[51] Int.Cl. 7A61K 51/00 7A61K 49/00  
7A61M 36/14  
[25] EN  
[54] MANUFACTURING PROCESS TO  
CONTROL PARTICLE SIZE  
[54] PROCESSUS DE FABRICATION  
PERMETTANT DE REGULER LA  
GRANULOMETRIE  
[72] ZODDA, JULIUS P., US  
[72] KUCZYNSKI, BRUCE, US  
[72] SCHRAMM, ERNST, US  
[72] NARRA, RAMA K., US  
[71] BRACCO DIAGNOSTICS INC., US  
[85] 2003-08-19  
[86] 2002-02-27 (US2002006023)  
[87] 2002-09-06 (2002067997)  
[30] US (09/795,272) 2001-02-28

[21] 2,439,050  
[13] A1

[51] Int.Cl. 7G07F 17/32  
[25] EN  
[54] A GAMBLING APPARATUS  
[54] APPAREIL DE pari  
[72] BURSILL, DONALD WILLIAM, GB  
[71] HOARTON, LLOYD, DOUGLAS,  
CHARLES, GB  
[85] 2003-08-27  
[86] 2002-03-12 (GB2002001134)  
[87] 2002-09-19 (2002073554)  
[30] GB (0106174.6) 2001-03-13

[21] 2,439,607  
[13] A1

[51] Int.Cl. 7C12N 15/57 7A61P 7/00  
7C12P 21/02 7A61K 38/04 7C07K 7/08  
7C12N 5/10 7C12N 15/12 7A61K 38/16  
7C07K 16/18 7C07K 16/28 7G01N 33/50  
7G01N 33/554 7G01N 33/566 7C12Q 1/68  
7C07K 14/705  
[25] EN  
[54] THE GUINEA PIG PROTEINASE-  
ACTIVATED RECEPTOR 4 AND ITS  
ACTIVATING PEPTIDE  
[54] RECEPTEUR 4 ACTIVE PAR LA  
PROTEINASE DU COBAYE ET SA  
PEPTIDE D'ACTIVATION  
[72] DARROW, ANDREW, US  
[72] DERIAN, CLAUDIA, US  
[72] ANDRADE-GORDON, PATRICIA, US  
[72] ADDO, MICHAEL, US  
[71] ORTHO-MCNEIL  
PHARMACEUTICAL, INC., US  
[85] 2003-08-29  
[86] 2002-02-26 (US2002005946)  
[87] 2002-09-12 (2002070564)  
[30] US (09/798,279) 2001-03-02

[21] 2,439,686  
[13] A1

[51] Int.Cl. 7B01D 71/06 7B01D 67/00  
7C08K 5/1515 7C08J 5/18 7C08K 5/315  
7C08G 18/32  
[25] EN  
[54] METHOD FOR PRODUCING A  
MEMBRANE MADE OF BRIDGED  
POLYMER AND A FUEL CELL  
[54] PROCEDE POUR PRODUIRE UNE  
MEMBRANE EN POLYMER PONTE  
ET CELLULE ELECTROCHIMIQUE  
[72] KIEFER, JOACHIM, DE  
[72] UENSAL, OEMER, DE  
[71] CELANESE VENTURES GMBH, DE  
[85] 2003-09-05  
[86] 2002-03-01 (EP2002002215)  
[87] 2002-09-12 (2002070592)  
[30] DE (101 10 752.8) 2001-03-07

[21] 2,439,702  
[13] A1

[51] Int.Cl. 7C12N 15/12 7C07H 21/00  
7A61K 39/00 7A61K 48/00 7C12Q 1/02  
7C12N 15/10 7A61P 25/14 7A61K 38/17  
7C07K 16/28 7C12P 19/34 7A61L 27/38  
7G01N 33/53 7C12N 15/63 7G01N 33/68  
7C12Q 1/68 7C07K 14/705 7A61K 31/7088  
[25] EN  
[54] NUCLEIC ACIDS OF THE HUMAN  
ABCC11 GENE, VECTORS  
CONTAINING SUCH NUCLEIC ACIDS  
AND USES THEREOF  
[54] ACIDES NUCLEIQUES DU GENE  
ABCC11 HUMAIN, VECTEURS  
CONTENANT LESDITS ACIDES  
NUCLEIQUES ET LEURS  
UTILISATIONS

[72] DEAN, MICHAEL, US  
[72] DENEFLE, PATRICE, FR  
[72] ALLIKMETS, RANDO, US  
[72] PRADES, CATHERINE, FR  
[72] ARNOULD-REGUIGNE, ISABELLE,  
FR  
[72] ROSIER-MONTUS, MARIE, FR  
[71] AVENTIS PHARMA S.A., FR  
[71] THE GOVERNMENT OF THE  
UNITED STATES OF AMERICA, US  
[85] 2003-08-29  
[86] 2002-03-05 (EP2002003241)  
[87] 2002-09-19 (2002072632)  
[30] US (60/272,757) 2001-03-05

[21] 2,439,899  
[13] A1

[51] Int.Cl. 7C12N 5/10 7C12M 1/00  
7C12Q 1/02 7C12N 5/08 7C12N 15/63  
7C12Q 1/68  
[25] EN  
[54] IMPROVED SKIN SUBSTITUTES  
AND USES THEREOF  
[54] SUBSTITUTS DE PEAU  
AMELIORES ET UTILISATIONS  
CORRESPONDANTES  
[72] IVARIE, CATHY ANN-RASMUSSEN,  
US  
[72] HOFFMANN, MICHAEL, US  
[72] CONRAD, PAUL BARTH, US  
[72] ALLEN-HOFFMANN, LYNN, US  
[72] COMER, ALLEN, US  
[71] STRATECH CORPORATION, US  
[85] 2003-08-29  
[86] 2002-03-01 (US2002006088)  
[87] 2002-09-12 (2002070729)  
[30] US (60/273,034) 2001-03-02  
[30] US (60/287,898) 2001-05-01

[21] 2,439,913  
[13] A1

[51] Int.Cl. 7E04F 21/06 7B25G 1/10  
[25] EN  
[54] MIXING PALETTE  
[54] PALETTE  
[72] HOEBEL, GLENN, DE  
[72] GLaab, THOMAS, DE  
[71] HOEBEL, GLENN, DE  
[71] GLaab, THOMAS, DE  
[85] 2003-09-05  
[86] 2002-03-06 (DE2002000787)  
[87] 2002-09-12 (2002070834)  
[30] DE (201 04 011.5) 2001-03-07

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[21] **2,439,919**  
[13] A1

[51] Int.Cl. 7C22F 1/04 7C22F 1/043  
7C22F 1/047 7C22F 1/05 7C22F 1/053  
7C22F 1/057  
[25] EN  
[54] HEAT TREATMENT OF AGE-HARDENABLE ALUMINIUM ALLOYS UTILISING SECONDARY PRECIPITATION  
[54] TRAITEMENT THERMIQUE D'ALLIAGES D'ALUMINIUM DURCISSABLES PAR VIEILLISSEMENT A L'AIDE D'UNE PRECIPITATION SECONDAIRE  
[72] LUMLEY, ROGER NEIL, AU  
[72] POLMEAR, IAN JAMES, AU  
[72] MORTON, ALLAN JAMES, AU  
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU  
[85] 2003-09-05  
[86] 2002-03-04 (AU2002000234)  
[87] 2002-09-12 (2002070770)  
[30] AU (PR 3608) 2001-03-08

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[21] **2,439,924**  
[13] A1

[51] Int.Cl. 7B01L 3/00 7G01N 27/28  
[25] EN  
[54] ANALYSIS DEVICE  
[54] DISPOSITIF D'ANALYSE  
[72] STANZEL, MANFRED, DE  
[72] GUMBRECHT, WALTER, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2003-09-05  
[86] 2002-03-08 (DE2002000837)  
[87] 2002-09-19 (2002072262)  
[30] DE (101 11 457.5) 2001-03-09

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[21] **2,439,948**  
[13] A1

[51] Int.Cl. 7C10G 25/00  
[25] EN  
[54] PROCESS FOR TREATING FUEL  
[54] PROCESSUS DE TRAITEMENT DE CARBURANT  
[72] TAYLOR, SPENCER EDWIN, GB  
[72] CLARK, ALISDAIR QUENTIN, GB  
[71] BP OIL INTERNATIONAL LIMITED, GB  
[85] 2003-09-05  
[86] 2002-03-19 (GB2002001334)  
[87] 2002-10-10 (2002079349)  
[30] GB (0107908.6) 2001-03-29

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[21] **2,439,953**  
[13] A1

[51] Int.Cl. 7A61K 51/00 7A61K 9/127  
7A61K 9/14  
[25] EN  
[54] STABILIZED THERAPEUTIC AND IMAGING AGENTS  
[54] AGENTS THERAPEUTIQUES ET D'IMAGERIE STABILISES  
[72] BRUNKE, KAREN J., US  
[72] BEDNARSKI, MARK D., US  
[72] PEASE, JOHN S., US  
[72] WARTCHOW, CHARLES AARON, US  
[72] DECHENE, NEAL EDWARD, US  
[71] TARGESOME, INC., US  
[85] 2003-09-05  
[86] 2002-03-08 (US2002007037)  
[87] 2002-09-19 (2002072011)  
[30] US (60/274,361) 2001-03-08

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[21] **2,439,962**  
[13] A1

[51] Int.Cl. 7A61F 2/06  
[25] EN  
[54] METHOD AND APPARATUS FOR STENTING  
[54] PROCEDE ET APPAREIL POUR LA POSE DE DRAINS TUTEURS  
[72] EDELMAN, ELAZER, US  
[72] RICHTER, YORAM, IL  
[71] EDELMAN, ELAZER, US  
[71] RICHTER, YORAM, IL  
[85] 2003-09-05  
[86] 2002-03-13 (US2002007529)  
[87] 2002-09-19 (2002071975)  
[30] US (60/275,419) 2001-03-13

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[21] **2,439,996**  
[13] A1

[51] Int.Cl. 7B01D 61/36 7B01D 63/08  
7B01D 65/08  
[25] EN  
[54] PERVAPORATION APPARATUS AND METHOD  
[54] APPAREIL ET PROCEDE DE PERVAPORATION  
[72] NYE, MARK E., CA  
[72] MCGREGOR, IAN R., CA  
[72] HAMZA, ALIA A., CA  
[72] WILSON, JOHN G., CA  
[71] FIELDING CHEMICAL TECHNOLOGIES INC., CA  
[85] 2003-09-05  
[86] 2001-03-07 (CA2001000292)  
[87] 2001-09-13 (2001066236)  
[30] US (09/521,123) 2000-03-07

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[21] **2,440,000**  
[13] A1

[51] Int.Cl. 7B23Q 16/00 7B25J 11/00  
7B23B 29/03 7B23B 27/12 7B25J 9/12  
7B23B 39/14 7B23B 31/16 7B23B 31/36  
[25] EN  
[54] A MACHINE TOOL HEAD, A MACHINE TOOL AND A METHOD FOR WORKING AN OBJECT  
[54] TETE DE MACHINE-OUTIL, MACHINE-OUTIL ET PROCEDE D'USINAGE D'UN OBJET  
[72] HERBERT, DAVID RUSSELL, AU  
[72] FORLANI, ROBERT, AU  
[71] WILDBEAM INVESTMENTS PTY. LTD., AU  
[85] 2003-09-05  
[86] 2001-03-07 (AU2001000245)  
[87] 2001-09-13 (2001066302)  
[30] AU (PQ 6091) 2000-03-07

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[21] **2,440,004**  
[13] A1

[51] Int.Cl. 7H04Q 11/00  
[25] EN  
[54] PHOTONIC COMMUNICATION SYSTEM WITH "SUB-LINE RATE" BANDWIDTH GRANULARITY, PROTOCOL TRANSPARENCY AND DETERMINISTIC MESH CONNECTIVITY  
[54] SYSTEME DE COMMUNICATION PHOTONIQUE A GRANULARITE DE LARGEUR DE BANDE A "SOUS-FREQUENCE DE LIGNE", TRANSPARENCE DE PROTOCOLE ET CONNECTIVITE DETERMINISTE MAILLEE

[72] DON-CAROLIS, CEDRIC, CA  
[72] SOKOLOWSKI, EDWARD RYSZARD, CA  
[72] MCILROY, PETER, CA  
[71] DON-CAROLIS, CEDRIC, CA  
[71] SOKOLOWSKI, EDWARD RYSZARD, CA  
[71] MCILROY, PETER, CA  
[85] 2003-09-05  
[86] 2002-03-06 (CA2002000301)  
[87] 2002-09-12 (2002071791)  
[30] CA (2,339,902) 2001-03-07

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**[21] 2,440,029**  
[13] A1

[51] Int.Cl. 7A61F 6/00  
 [25] EN  
**[54] A CONDOM DONNING DEVICE**  
**[54] DISPOSITIF DE MISE EN PLACE**  
**DE PRESERVATIF**  
 [72] VAN RENSBURG, WILLEM  
 NICOLAAS, ZA  
 [71] WINCOTRADE TWENTY  
 (PROPRIETARY) LIMITED, ZA  
 [85] 2003-09-05  
 [86] 2002-03-07 (IB2002000673)  
 [87] 2002-09-12 (2002069861)  
 [30] ZA (2001/1888) 2001-03-07  
 [30] ZA (2001/5149) 2001-06-22  
 [30] ZA (2001/7394) 2001-09-07  
 [30] ZA (2001/8548) 2001-10-18

**[21] 2,440,039**  
[13] A1

[51] Int.Cl. 7A63B 22/06 7A63B 22/08  
 [25] EN  
**[54] PORTABLE MINI EXERCISE-BIKE**  
**[54] MINI VELO D'ENTRAINEMENT**  
**PORTRABLE**  
 [72] BALBO, ALBERTO, IT  
 [71] BALBO, ALBERTO, IT  
 [85] 2003-09-05  
 [86] 2002-03-09 (EP2002002638)  
 [87] 2002-09-26 (2002074393)  
 [30] IT (GE2001A000024) 2001-03-09

**[21] 2,440,041**  
[13] A1

[51] Int.Cl. 7B01D 17/05 7B01F 17/00  
**7E21B 43/22**  
 [25] EN  
**[54] DEMULSIFIER FOR AQUEOUS**  
**COMPLETION FLUIDS**  
**[54] DESEMULSIFIANT POUR**  
**FLUIDES DE COMPLETION AQUEUX**  
 [72] SPALDING, WILLIAM A., US  
 [71] BAKER HUGHES INCORPORATED,  
 US  
 [85] 2003-09-05  
 [86] 2002-02-21 (US2002005161)  
 [87] 2002-09-26 (2002074405)  
 [30] US (09/809,529) 2001-03-15

**[21] 2,440,167**  
[13] A1

[51] Int.Cl. 7A61K 9/16 7A61P 9/00  
**7A61K 31/138**  
 [25] EN  
**[54] METHOD TO PREPARE**  
**MICROPARTICLES METOPROLOL**  
**THAT CONTAIN**  
**[54] PROCEDE DE PREPARATION DE**  
**MICROPARTICULES CONTENANT DU**  
**METOPROLOL**  
 [72] DJURLE, ALF, SE  
 [72] HANSSON, MIKAEL, SE  
 [72] SOEDERBOM, MALIN, SE  
 [71] ASTRAZENCA AB, SE  
 [85] 2003-09-08  
 [86] 2002-03-06 (SE2002000401)  
 [87] 2002-09-19 (2002072074)  
 [30] SE (0100824-2) 2001-03-09

**[21] 2,440,170**  
[13] A1

[51] Int.Cl. 7F16L 33/02  
 [25] EN  
**[54] TUBE CLAMP**  
**[54] COLLIER DE SERRAGE DE**  
**TUYAU**  
 [72] MEIER, ULRICH, CH  
 [72] OETIKER, HANS, CH  
 [71] HANS OETIKER AG MASCHINEN-  
 UND APPARATEFABRIK, CH  
 [85] 2003-09-08  
 [86] 2002-03-22 (EP2002003259)  
 [87] 2002-10-03 (2002077509)  
 [30] EP (01107515.7) 2001-03-26

**[21] 2,440,174**  
[13] A1

[51] Int.Cl. 7E01B 25/30  
 [25] EN  
**[54] GUIDEWAY GIRDER**  
**[54] SUPPORT DE VOIE DE**  
**CIRCULATION**  
 [72] LINDNER, ERICH, DE  
 [72] WAIDHAUSER, RALF, DE  
 [72] FEIX, JUERGEN, DE  
 [72] REICHEL, DIETER, DE  
 [71] MAX BOGL BAUUNTERNEHMUNG  
 GMBH & CO. KG, DE  
 [71] CBP GUIDEWAY SYSTEMS GMBH,  
 DE  
 [85] 2003-09-08  
 [86] 2002-02-22 (EP2002001888)  
 [87] 2002-09-19 (2002072957)  
 [30] DE (101 11 919.4) 2001-03-13

**[21] 2,440,186**  
[13] A1

[51] Int.Cl. 7C07D 279/00 7A61P 29/00  
**7A61P 43/00 7C07D 279/08 7C07D 513/10**  
**7C07D 417/12 7A61K 31/54 7A61K 31/541**  
**7A61K 31/5415 7A61K 31/547**  
 [25] EN  
**[54] MEDICINAL COMPOSITION**  
**CONTAINING 1,3-THIAZINE**  
**DERIVATIVE**  
**[54] PREPARATION MEDICINALE**  
**CONTENANT UN DERIVE DE 1,3-**  
**THIAZINE**  
 [72] TOMIDA, MINORU, JP  
 [72] KAI, HIROYUKI, JP  
 [72] MURASHI, TAKAMI, JP  
 [71] SHIONOGI & CO., LTD., JP  
 [85] 2003-09-05  
 [86] 2002-02-14 (JP2002001229)  
 [87] 2002-09-19 (2002072562)  
 [30] JP (2001-65386) 2001-03-08

**[21] 2,440,194**  
[13] A1

[51] Int.Cl. 7C07F 9/32 7C07F 19/00  
**7C07F 17/02**  
 [25] EN  
**[54] OPTICALLY ACTIVE**  
**ALKENYLPHOSPHINIC ACID ESTERS**  
**AND PROCESS FOR PRODUCING THE**  
**SAME**  
**[54] ESTER D'ACIDE**  
**ALCENYLPHOSPHINIQUE**  
**OPTIQUEMENT ACTIFS ET PROCEDE**  
**D'OBTENTION**  
 [72] TANAKA, MASATO, JP  
 [72] HAN, LI-BIAO, JP  
 [72] ZHAO, CHANG-QIU, JP  
 [71] JAPAN SCIENCE AND  
 TECHNOLOGY CORPORATION, JP  
 [71] NATIONAL INSTITUTE OF  
 ADVANCED INDUSTRIAL SCIENCE  
 AND TECHNOLOGY, JP  
 [85] 2003-09-05  
 [86] 2002-03-04 (JP2002001939)  
 [87] 2002-09-19 (2002072592)  
 [30] JP (2001-64362) 2001-03-08

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[21] 2,440,198  
[13] A1

[51] Int.Cl. 7G02B 6/16  
[25] EN  
[54] SYSTEM AND METHOD FOR FABRICATING BLAZED BRAGG GRATINGS  
[54] SYSTEME ET PROCEDE DE FABRICATION DE RESEAUX DE BRAGG BLAZES  
[72] SAHLGREN, BENGT, SE  
[71] PROXIMION FIBER OPTICS AB, SE  
[85] 2003-09-05  
[86] 2002-03-06 (SE2002000385)  
[87] 2002-09-12 (2002071113)  
[30] SE (0100789-7) 2001-03-08

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[21] 2,440,199  
[13] A1

[51] Int.Cl. 7G02B 6/16  
[25] EN  
[54] SYSTEM AND METHOD FOR FABRICATING BRAGG GRATINGS  
[54] SYSTEME ET PROCEDE DE PRODUCTION DE RESEAUX DE BRAGG  
[72] SAHLGREN, BENGT, SE  
[72] PETERMAN, INGEMAR, SE  
[71] PROXIMION FIBER OPTICS AB, SE  
[85] 2003-09-05  
[86] 2002-03-06 (SE2002000386)  
[87] 2002-09-12 (2002071114)  
[30] SE (0100790-5) 2001-03-08

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[21] 2,440,201  
[13] A1

[51] Int.Cl. 7G01C 21/16 7G05D 1/08  
7G01C 21/28  
[25] EN  
[54] INTEGRATED INERTIAL VMS NAVIGATION WITH INERTIAL ODOMETER CORRECTION  
[54] NAVIGATION VMS INERTIELLE INTEGREE A CORRECTION D'OEDOMETRE INERTIELLE  
[72] VAUJIN, MICHAEL O., US  
[72] MORGAN, KENNETH S., US  
[71] HONEYWELL INTERNATIONAL INC., US  
[85] 2003-09-05  
[86] 2002-03-05 (US2002006474)  
[87] 2002-12-27 (2002103288)  
[30] US (60/273,771) 2001-03-06  
[30] US (09/828,023) 2001-04-06

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[21] 2,440,202  
[13] A1

[51] Int.Cl. 7C07C 65/105 7C10M 159/22  
[25] EN  
[54] LINEAR COMPOUNDS CONTAINING PHENOL AND SALICYLIC ACID UNITS  
[54] COMPOSES LINEAIRES CONTENANT DU PHENOL ET DES UNITES D'ACIDE SALICYLIQUE  
[72] MCATEE, RODNEY JOHN,, GB  
[72] MORETON, DAVID JOHN,, GB  
[71] THE LUBRIZOL CORPORATION, US  
[85] 2003-09-05  
[86] 2002-02-11 (US2002004102)  
[87] 2002-09-19 (2002072529)  
[30] US (09/802,500) 2001-03-09

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[21] 2,440,204  
[13] A1

[51] Int.Cl. 7H04B 7/185 7H04Q 7/38  
[25] EN  
[54] METHOD FOR ESTABLISHING A CONNECTION TO A BROADBAND COMMUNICATION PLATFORM  
[54] PROCEDE POUR TERMINAUX D'UTILISATEURS MOBILES DANS DES SYSTEMES DE TRANSMISSION A LARGE BANDE  
[72] BYBEE, MICHAEL F., US  
[72] GOLD, JEFFREY J., US  
[72] HALCOMB, MARC J., US  
[71] HUGHES ELECTRONICS CORPORATION, US  
[85] 2003-09-05  
[86] 2002-02-13 (US2002004376)  
[87] 2002-09-19 (2002073830)  
[30] US (60/275,082) 2001-03-09  
[30] US (09/967,616) 2001-09-28

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[21] 2,440,207  
[13] A1

[51] Int.Cl. 7A61M 5/14  
[25] EN  
[54] DRUG DELIVERY SYSTEM  
[54] SYSTEME D'ADMINISTRATION DE MEDICAMENTS  
[72] FATHALLAH, MARWAN A., US  
[71] ABBOTT LABORATORIES, US  
[85] 2003-09-05  
[86] 2002-02-13 (US2002005484)  
[87] 2002-09-19 (2002072177)  
[30] US (09/802,076) 2001-03-08

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[21] 2,440,215  
[13] A1

[51] Int.Cl. 7A61M 5/31 7C08F 232/08  
7A61M 5/315  
[25] EN  
[54] POLYMERIC SYRINGE BODY AND STOPPER  
[54] CORPS DE SERINGUE POLYMERIQUE ET BOUCHON  
[72] BARNATO, MARGARET J., US  
[72] GLINIECKI, ROBERT L., US  
[72] KAMIENSKI, JAMES, US  
[72] FALZONE, JOHN, US  
[72] DARVASI, JOHN, US  
[72] WOODWORTH, ARCHIE, US  
[72] GILLUM, AMY W., US  
[71] BAXTER INTERNATIONAL INC., US  
[85] 2003-09-05  
[86] 2002-03-06 (US2002006989)  
[87] 2002-09-19 (2002072180)  
[30] US (09/801,864) 2001-03-08

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[21] 2,440,216  
[13] A1

[51] Int.Cl. 7D21C 5/02  
[25] EN  
[54] DEINKING OF WASTE PAPER  
[54] DESENCRAGE DE DECHETS DE PAPIERS DE RECUPERATION  
[72] FRANKS, NEAL, US  
[72] PAGE, KELLY, US  
[71] NOVOZYMES A/S, DK  
[71] NOVOZYMES NORTH AMERICA, INC., US  
[85] 2003-09-05  
[86] 2002-04-05 (DK2002000230)  
[87] 2002-10-17 (2002081815)  
[30] US (09/826,691) 2001-04-05

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[21] 2,440,226  
[13] A1

[51] Int.Cl. 7C08K 3/04 7C08K 3/08  
7C08K 3/18 7C08K 3/32 7C08K 3/34  
[25] EN  
[54] CONDUCTIVE POLYMER-INORGANIC HYBRID COMPOSITES  
[54] COMPOSITES HYBRIDES INORGANIQUES POLYMERIQUES CONDUCTEURS  
[72] SINKO, JOHN, US  
[72] YANG, SZE CHENG, US  
[71] THE BOARD OF GOVERNORS FOR HIGHER EDUCATION, STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS, US  
[85] 2003-09-05  
[86] 2002-03-08 (US2002007020)  
[87] 2002-09-19 (2002072682)  
[30] US (60/274,271) 2001-03-08

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[21] 2,440,244  
[13] A1

[51] Int.Cl. 7G06K 9/00  
[25] EN  
[54] SYSTEM AND METHOD FOR FUSION-ALIGNED REPROJECTION OF INCOMPLETE DATA  
[54] SYSTEME ET METHODE DE REPROJECTION ALIGNEE PAR FUSION (FAR) DE DONNEES INCOMPLETES  
[72] OLIVERA, GUSTAVO H., US  
[72] KAPATOES, JEFFREY M., US  
[72] RECKWERDT, PAUL J., US  
[72] RUCHALA, KENNETH J., US  
[72] MACKIE, THOMAS R., US  
[71] TOMOTHERAPY, INC., US  
[85] 2003-09-05  
[86] 2002-03-11 (US2002007346)  
[87] 2002-09-19 (2002073519)  
[30] US (09/802,468) 2001-03-09

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[21] 2,440,622  
[13] A1

[51] Int.Cl. 7B01J 29/08 7B01J 37/30  
[25] EN  
[54] PRODUCTION OF ALKYLATED AROMATIC COMPOUNDS USING DEALUMINATED CATALYSTS  
[54] PRODUCTION DE COMPOSES AROMATIQUES ALKYLES A L'AIDE DE CATALYSEURS DESALUMINES  
[72] CHESTER, ARTHUR W., US  
[72] ARDITO, SUSAN C., US  
[72] HAGEMEISTER, MARK P., US  
[72] TIMKEN, HYE KYUNG C., US  
[71] EXXONMOBIL CHEMICAL PATENTS INC., US  
[85] 2003-09-04  
[86] 2002-04-12 (US2002011327)  
[87] 2002-11-21 (2002092225)  
[30] US (09/853,273) 2001-05-11

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[21] 2,440,623  
[13] A1

[51] Int.Cl. 7C12Q 1/00 7A61K 39/00  
[25] EN  
[54] METHODS INVOLVING THE USE OF CAPG AS A DIAGNOSTIC MARKER AND METHODS FOR THE IDENTIFICATION OF CAPG MODULATORS FOR THE TREATMENT AND PREVENTION OF OSTEOPOROSIS AND RELATED DISEASES STATES  
[54] PROCEDES FAISANT INTERVENIR L'ENZYME CAPG COMME MARQUEUR DIAGNOSTIQUE, ET PROCEDES RELATIFS A L'IDENTIFICATION DE MODULATEURS DE CAPG POUR LE TRAITEMENT ET LA PREVENTION DE L'OSTEOPOROSE ET DE MALADIES CONNEXES

[72] MCATEE, C. PATRICK, US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2003-09-10  
[86] 2002-03-15 (US2002008142)  
[87] 2002-09-26 (2002074982)  
[30] US (60/276,250) 2001-03-15

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[21] 2,440,663  
[13] A1

[51] Int.Cl. 7C08F 2/28 7C08J 7/04  
[25] EN  
[54] POLYMERS STABILIZED BY WATER-SOLUBLE, CATIONIC, AMINO-FUNCTIONAL POLYMER, AND PLASTIC FILM COATED WITH SAME

[54] POLYMERES STABILISES PAR UN POLYMER A FONCTION AMINE CATIONIQUE ET HYDROSOLUBLE, ET FILM EN MATIERE PLASTIQUE REVETU DE TELS POLYMERES  
[72] MCGEE, DENNIS E., US  
[71] EXXONMOBIL OIL CORPORATION, US  
[85] 2003-09-04  
[86] 2002-04-10 (US2002011424)  
[87] 2002-11-28 (2002094886)  
[30] US (09/864,518) 2001-05-24

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[21] 2,440,733  
[13] A1

[51] Int.Cl. 7G01N 33/50 7G01N 33/543  
7G01N 33/68  
[25] EN  
[54] DIAGNOSIS OF METAL ALLERGY THROUGH CYTOKINE RELEASE BY T-CELLS IN VITRO  
[54] DIAGNOSTIQUE D'ALLERGIE AU METAL AU MOYEN DE LA LIBERATION DE CYTOKINES PAR LES LYMPHOCYTES T IN VITRO  
[72] JAKOBSON, EVA, SE  
[71] MABTECH AB, SE  
[85] 2003-09-11  
[86] 2002-03-12 (EP2002002697)  
[87] 2002-09-19 (2002073195)  
[30] EP (01302270.2) 2001-03-12

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[21] 2,440,753  
[13] A1

[51] Int.Cl. 7G01N 33/569 7G01N 33/574  
[25] EN  
[54] CELL-BASED DETECTION AND DIFFERENTIATION OF DISEASE STATES  
[54] DETECTION ET DIFFERENTIATION D'ETATS PATHOLOGIQUES PAR ECHANTILLONS CELLULAIRES  
[72] PRESSMAN, NORMAN J., US  
[72] HIRSCH, KENNETH S., US  
[71] MONOGEN, INC., US  
[85] 2003-09-11  
[86] 2002-03-12 (GB2002001125)  
[87] 2002-09-19 (2002073204)  
[30] US (60/274,638) 2001-03-12

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[21] 2,440,765  
[13] A1

[51] Int.Cl. 7E04C 3/293 7E04B 1/16  
7E04B 5/29 7E04B 5/43  
[25] EN  
[54] COMPOSITE STRUCTURAL FRAMING SYSTEM  
[54] SYSTEME D' OSSATURE STRUCTURALE COMPOSITE  
[72] RAHIMZADEH, HOUSH, US  
[71] DIVERSAKORE LLC, US  
[85] 2003-10-17  
[86] 2001-12-07 (US2001047126)  
[87] 2002-06-13 (2002046548)  
[30] US (60/254,278) 2000-12-08

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[21] **2,440,836**  
[13] A1

[51] Int.Cl. 7G06F 17/60 7H04L 12/16  
[25] EN  
[54] SYSTEM AND METHOD FOR PRICING AND ALLOCATION OF COMMODITIES OR SECURITIES  
[54] SYSTEME ET PROCEDE DE TARIFICATION ET D'ATTRIBUTION DE MARCHANDISES ET DE VALEURS  
[72] GOLDBERG, ROBERT S., US  
[72] HAYES, JORDAN M., US  
[72] OCHERET, CHARLES A., US  
[72] GERRISH, CLIFF M., US  
[72] HANSSON, OTHAR, US  
[72] EVELYN, MICHAEL H., US  
[71] W.R. HAMBRECHT+CO., LLC, US  
[85] 2003-09-05  
[86] 2001-03-02 (US2001040236)  
[87] 2001-09-13 (2001065908)  
[30] US (60/187,800) 2000-03-08  
[30] US (09/668,255) 2000-09-21

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[21] **2,440,860**  
[13] A1

[51] Int.Cl. 7B01D 29/11 7B01D 29/86  
[25] FR  
[54] DISPOSITIF DE FILTRATION EN VOIE LIQUIDE ET EN CONTINU METTANT EN OEUVRE DES ULTRASONS A HAUTE DENSITE DE PUISSANCE  
[54] LIQUID PROCESS AND CONTINUOUS FILTERING DEVICE USING HIGH POWER DENSITY ULTRASOUNDS  
[72] BOURSIER, GILLES, FR  
[72] DEVIDAL, PIERRE, FR  
[72] VAXELAIRE, PHILIPPE, FR  
[72] DUBRUQUE, DOMINIQUE, FR  
[71] SODEVA, FR  
[85] 2003-09-15  
[86] 2002-03-13 (FR2002000889)  
[87] 2002-09-19 (2002072229)  
[30] FR (01/03387) 2001-03-13  
[30] FR (01/07282) 2001-06-01

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[21] **2,440,911**  
[13] A1

[51] Int.Cl. 7H01S 3/063 7H01S 3/067  
[25] FR  
[54] STRUCTURE D'AMPLIFICATION OPTIQUE REALISEE EN OPTIQUE INTEGREE ET BOITIER D'AMPLIFICATION INTEGRANT UNE TELLE STRUCTURE  
[54] OPTICAL AMPLIFICATION STRUCTURE WITH AN INTEGRATED OPTICAL SYSTEM AND AMPLIFICATION HOUSING INTEGRATING ONE SUCH STRUCTURE  
[72] BARBIER, DENIS, FR  
[72] VALETTE, SERGE, FR  
[72] CASSAGNETTES, CEDRIC, FR  
[72] PHILIPSEN, JACOB, FR  
[71] TEEM PHOTONICS, FR  
[85] 2003-09-15  
[86] 2002-03-14 (FR2002000907)  
[87] 2002-09-26 (2002075864)  
[30] FR (01/03611) 2001-03-16

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[21] **2,440,978**  
[13] A1

[51] Int.Cl. 7A61K 31/40  
[25] EN  
[54] MYELOPEROXIDASE, A RISK INDICATOR FOR CARDIOVASCULAR DISEASE  
[54] LA MYELOPEROXYDASE : UN INDICATEUR DE RISQUE DES MALADIES CARDIO-VASCULAIRES  
[72] HAZEN, STANLEY, US  
[72] ZHANG, RENLIANG, US  
[71] THE CLEVELAND CLINIC FOUNDATION, US  
[85] 2003-09-19  
[86] 2002-01-02 (US2002000050)  
[87] 2002-08-15 (2002062207)  
[30] US (60/259,340) 2001-01-02  
[30] US (60/283,432) 2001-05-12

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[21] **2,441,072**  
[13] A1

[51] Int.Cl. 7E21B 17/20 7E21B 47/01  
7E21B 17/02  
[25] EN  
[54] FLEXIBLE JOINT FOR WELL LOGGING INSTRUMENTS  
[54] ARTICULATION SOUPLE POUR INSTRUMENTS DE DIAGRAPHIE  
[72] TCHAKAROV, BORISLAV, US  
[72] HUNZIKER, JAMES C., US  
[72] BREWER, JAMES E., US  
[72] JUNGHANS, PAUL G., US  
[71] BAKER HUGHES INCORPORATED, US  
[85] 2003-09-12  
[86] 2002-02-27 (US2002005798)  
[87] 2002-09-26 (2002075164)  
[30] US (09/810,985) 2001-03-16

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[21] **2,441,101**  
[13] A1

[51] Int.Cl. 7C09K 3/00 7B01F 1/00  
7C08G 18/00 7C04B 28/04 7C04B 28/06  
7C04B 22/08  
[25] EN  
[54] INORGANIC DISSOLUTION ACCELERATOR MAKING METAL OR INORGANIC SUBSTANCE WATER-SOLUBLE  
[54] ACCELERATEUR DE DISSOLUTION INORGANIQUE POUR RENDRE UNE SUBSTANCE METALLIQUE OU INORGANIQUE SOLUBLE DANS L'EAU  
[72] KOKUTA, KATSUHIRO, JP  
[72] KOKUTA, KENJI, JP  
[72] KOKUTA, NAOTO, JP  
[72] UCHIDA, HIDEAKI, JP  
[71] KOKUTA, HIROSHI, JP  
[85] 2003-09-12  
[86] 2002-02-08 (JP2002001072)  
[87] 2002-08-15 (2002062916)  
[30] JP (2001-32671) 2001-02-08

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[21] 2,441,119  
[13] A1

[51] Int.Cl. 7A61F 2/01  
[25] EN  
[54] ATRIAL FILTER IMPLANTS  
[54] IMPLANTS FILTRANTS  
**AURICULAIRES**  
[72] WELCH, JEFFREY, US  
[72] PETERSON, DEAN, US  
[72] SUTTON, GREGG S., US  
[71] ATRITECH, INC., US  
[85] 2003-09-04  
[86] 2002-03-08 (US2002007009)  
[87] 2002-09-19 (2002071977)  
[30] US (60/274,345) 2001-03-08  
[30] US (60/274,344) 2001-03-08  
[30] US (60/274,289) 2001-03-08  
[30] US (60/287,829) 2001-05-01

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[21] 2,441,155  
[13] A1

[51] Int.Cl. 7A61K 38/19 7A61P 37/02  
7A61P 37/04 7A61P 37/06 7A61K 38/20  
**7A61K 38/21**  
[25] EN  
[54] METHODS OF TREATING  
RESPIRATORY CONDITIONS  
[54] METHODES DE TRAITEMENT DE  
TROUBLES RESPIRATOIRES  
[72] HOLDSWORTH, STEPHEN ROGER,  
AU  
[72] KING, PAUL THOMAS, AU  
[71] MONASH UNIVERSITY, AU  
[85] 2003-09-15  
[86] 2002-03-19 (AU2002000313)  
[87] 2002-09-26 (2002074328)  
[30] AU (PR 3816) 2001-03-19

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[21] 2,441,191  
[13] A1

[51] Int.Cl. 7G01N 27/411 7G01N 33/20  
[25] EN  
[54] SOLID ELECTROLYTE SENSOR  
FOR MONITORING THE  
CONCENTRATION OF AN ELEMENT  
IN A FLUID PARTICULARLY MOLTEN  
METAL  
[54] CAPTEUR A ELECTROLYTE  
SOLIDE POUR SURVEILLER LA  
CONCENTRATION D'UN ELEMENT  
DANS UN FLUIDE, EN PARTICULIER  
UN METAL EN FUSION  
[72] JONES, IVOR WYNN, GB  
[72] ATHERTON, GLYN, GB  
[72] STACKPOOL, FRANCIS MICHAEL,  
GB  
[71] FOSECO INTERNATIONAL  
LIMITED, GB  
[71] IONOTEC LIMITED, GB  
[85] 2003-09-12  
[86] 2002-03-25 (GB2002001448)  
[87] 2002-10-10 (2002079772)  
[30] GB (0107724.7) 2001-03-28

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[21] 2,441,192  
[13] A1

[51] Int.Cl. 7A61K 31/198 7A61P 1/00  
**7A61P 25/00 7A61P 25/22**  
[25] EN  
[54] AGENTS AGAINST STRESS-  
INDUCED DISEASES DRUGS  
[54] AGENTS UTILISES POUR LUTTER  
CONTRE LES MALADIES  
PROVOQUEES PAR LE STRESS ET  
MEDICAMENTS ASSOCIES  
[72] UNEYAMA, HISAYUKI, JP  
[72] SMRIGA, MIROSLAV, JP  
[72] TORII, KUNIO, JP  
[71] AJINOMOTO CO., INC., JP  
[85] 2003-09-12  
[86] 2002-03-19 (JP2002002571)  
[87] 2002-10-03 (2002076445)  
[30] JP (2001-85800) 2001-03-23  
[30] JP (2001-382190) 2001-12-14

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[21] 2,441,195  
[13] A1

[51] Int.Cl. 7H04M 3/493  
[25] EN  
[54] VOICE RESPONSE SYSTEM  
[54] SYSTEME DE REPONSE VOCALE  
[72] POPAY, PAUL IAN, GB  
[72] HARRISON, MICHAEL ANDREW,  
GB  
[72] WATTON, NEIL LEWIS, GB  
[71] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB  
[85] 2003-09-12  
[86] 2002-04-08 (GB2002001643)  
[87] 2002-10-31 (2002087202)  
[30] EP (01303600.9) 2001-04-19

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[21] 2,441,196  
[13] A1

[51] Int.Cl. 7B65H 23/24 7B65H 35/00  
[25] EN  
[54] MULTI-REEL APPARATUS IN A  
PAPER MACHINE  
[54] APPAREIL A BOBINES  
MULTIPLES DANS UNE MACHINE A  
PAPIER  
[72] LINDEN, ANDERS TOMMY, SE  
[72] BERGLUND, C. MAGNUS, SE  
[71] METSO PAPER KARLSTAD AB, SE  
[85] 2003-09-12  
[86] 2002-03-14 (SE2002000483)  
[87] 2002-10-10 (2002079063)  
[30] US (09/821,290) 2001-03-29

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[21] 2,441,232  
[13] A1

[51] Int.Cl. 7A23L 1/30 7A23L 2/02  
**7A61K 35/78**  
[25] EN  
[54] METHOD FOR PRODUCING  
VITAMIN B-ENRICHED  
PREPARATIONS FROM GRASSES  
[54] PROCEDE DE PRODUCTION DE  
PREPARATIONS ENRICHIES EN  
VITAMINE B A PARTIR DE  
GRAMINEES  
[72] FUCHS, NORBERT, AT  
[72] KOESSLER, PETER, AT  
[72] SADEGHI, BEHZAD, AT  
[71] OKOPHARM FORSCHUNGS-UND  
ENTWICKLUNGS-GMBH, AT  
[85] 2003-09-19  
[86] 2002-03-19 (AT2002000089)  
[87] 2002-09-26 (2002074103)  
[30] AT (A 450/2001) 2001-03-21

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[21] 2,441,235  
[13] A1

[51] Int.Cl. 7C07C 275/40 7A61P 3/04  
7A61P 3/10 7A61K 31/17 7A61K 31/18  
[25] EN  
[54] ARYL AND BIARYL COMPOUNDS HAVING MCH MODULATORY ACTIVITY  
[54] COMPOSES D'ARYLE ET DE BIARYLE AYANT UNE ACTIVITE MODULATRICE DE MCH  
[72] GU, HUIZHONG, US  
[72] HUNTER, RACHAEL C., US  
[72] HOBBS, DOUGLAS W., US  
[72] GUO, TAO, US  
[71] PHARMACOPEIA, INC., US  
[85] 2003-09-17  
[86] 2002-03-19 (US2002008300)  
[87] 2002-10-03 (2002076929)  
[30] US (60/277,534) 2001-03-21

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[21] 2,441,238  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] AUTOMATED ACCOUNT RISK MANAGEMENT  
[54] GESTION AUTOMATISEE DES RISQUES RELATIFS A UN COMPTE  
[72] LAWRENCE, DAVID, US  
[71] GOLDMAN SACHS & CO., US  
[85] 2003-09-16  
[86] 2002-03-11 (US2002007243)  
[87] 2002-09-26 (2002075488)  
[30] US (09/812,628) 2001-03-20

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[21] 2,441,239  
[13] A1

[51] Int.Cl. 7C07D 211/26 7C07D 241/04  
7A61P 3/04 7A61K 31/445  
[25] EN  
[54] MCH ANTAGONISTS AND THEIR USE IN THE TREATMENT OF OBESITY  
[54] ANTAGONISTES DE L'HORMONE CONCENTRANT LA MELANINE (MCH) ET LEUR UTILISATION DANS LE TRAITEMENT DE L'OBESITE  
[72] CHAN, TIN-YAU, US  
[72] CLADER, JOHN W., US  
[72] JOSIEN, HUBERT B., US  
[72] PALANI, ANANDAN, US  
[71] SCHERING CORPORATION, US  
[85] 2003-09-17  
[86] 2002-03-20 (US2002008338)  
[87] 2002-10-03 (2002076947)  
[30] US (60/277,584) 2001-03-21

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[21] 2,441,243  
[13] A1

[51] Int.Cl. 7C02F 1/00 7G05B 23/02  
[25] EN  
[54] SYSTEM AND METHOD FOR MONITORING WATER QUALITY AND TRANSMITTING WATER QUALITY DATA  
[54] SYSTEME ET PROCEDE DE TRANSMISSION ET DE SURVEILLANCE DE LA QUALITE DE L'EAU  
[72] MOSKOFF, HAROLD I., CA  
[71] EWATER-TEK INC., CA  
[85] 2003-09-16  
[86] 2002-03-13 (US2002007435)  
[87] 2002-09-26 (2002074694)  
[30] US (60/276,038) 2001-03-16

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[21] 2,441,253  
[13] A1

[51] Int.Cl. 7H04Q 7/38  
[25] EN  
[54] METHOD FOR REDUCING THE RADIO CHANNEL ACCESS DELAY IN A WIRELESS COMMUNICATION SYSTEM  
[54] PROCEDE POUR REDUIRE LE DELAI D'ACCES A UN CANAL RADIO DANS UN SYSTEME DE COMMUNICATION SANS FIL  
[72] SAJJA, DINO, IT  
[72] TONIATTI, TIZIANA, IT  
[71] SIEMENS MOBILE COMMUNICATIONS S.P.A., IT  
[85] 2003-09-16  
[86] 2002-01-16 (EP2002000359)  
[87] 2002-10-24 (2002085058)  
[30] EP (EP 01830262.0) 2001-04-18

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[21] 2,441,254  
[13] A1

[51] Int.Cl. 7G01N 1/31  
[25] EN  
[54] EXAMINATION DEVICE AND METHOD FOR EXAMINATION OF CHEMICAL AND/OR BIOLOGICAL SAMPLES  
[54] DISPOSITIF D'ANALYSE ET PROCEDE D'ANALYSE DE PRELEVEMENTS CHIMIQUES ET/OU BIOLOGIQUES  
[72] BOSIO, ANDREAS, DE  
[71] MEMOREC BIOTEC GMBH, DE  
[85] 2003-09-16  
[86] 2002-03-15 (EP2002002900)  
[87] 2002-09-26 (2002075280)  
[30] DE (101 12 683.2) 2001-03-16

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[21] 2,441,258  
[13] A1

[51] Int.Cl. 7B25B 7/00 7B25G 1/06  
[25] EN  
[54] MANUAL TONGS  
[54] PINCE MANUELLE  
[72] BOEKER, THOMAS, DE  
[72] NEUMANN, RAINER, DE  
[72] NUYKEN, ROLF, DE  
[71] VULKAN LOKRINT GMBH & CO. KG, DE  
[85] 2003-09-16  
[86] 2002-02-26 (EP2002002010)  
[87] 2002-09-26 (2002074496)  
[30] DE (101 13 012.0) 2001-03-17

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[21] 2,441,260  
[13] A1

[51] Int.Cl. 7A61K 38/28 7A61K 47/00  
[25] EN  
[54] INSULIN PREPARATIONS, WHICH DO NOT CONTAIN ANY ZINC OR ONLY A SMALL QUANTITY OF ZINC AND WHICH HAVE AN IMPROVED STABILITY  
[54] PREPARATIONS D'INSULINE A STABILITE AMELIOREE, EXEMPTES DE ZINC OU A FAIBLE TENEUR EN ZINC  
[72] BODERKE, PETER, DE  
[71] AVVENTIS PHARMA DEUTSCHLAND GMBH, DE  
[85] 2003-09-16  
[86] 2002-03-09 (EP2002002625)  
[87] 2002-10-03 (2002076495)  
[30] DE (10114178.5) 2001-03-23

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[21] 2,441,263  
[13] A1

[51] Int.Cl. 7B29C 45/72  
[25] EN  
[54] DEVICE AND METHOD FOR COOLING AND THERMAL CONDITIONING OF A TUBULAR OBJECT  
[54] DISPOSITIF ET PROCEDE POUR LE REFROIDISSEMENT ET LE CONDITIONNEMENT THERMIQUE D'UN OBJET TUBULAIRE  
[72] ZOPPAS, MATTEO, IT  
[72] CORAN, MASSIMO, IT  
[71] S.I.P.A. SOCIETA INDUSTRIALIZZAZIONE PROGETTAZIONE AUTOMAZIONE S.P.A., IT  
[85] 2003-09-16  
[86] 2002-03-14 (EP2002002832)  
[87] 2002-09-26 (2002074518)  
[30] IT (RM01A000138) 2001-03-16

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[21] 2,441,264  
[13] A1

[51] Int.Cl. 7B23P 23/00 7B65G 17/00  
7B65G 13/02 7B65G 17/06  
[25] EN  
[54] RADIUS LIMIT ADJUSTMENT ON  
RADIUS CONVEYOR BELTS  
[54] REGLAGE LIMITE DE RAYON DE  
COURBURE SUR DES TAPIS DE  
CONVOYEUR CIRCULAIRE  
[72] PALMAER, ERIC K., US  
[71] KVP FALCON PLASTIC BELTING  
INC., US  
[85] 2003-09-16  
[86] 2002-03-13 (US2002007865)  
[87] 2002-09-26 (2002074485)  
[30] US (09/810,876) 2001-03-16

[21] 2,441,266  
[13] A1

[51] Int.Cl. 7G02F 1/15  
[25] EN  
[54] ELECTROCHROMIC DISPLAY  
DEVICE AND COMPOSITIONS  
USEFUL IN MAKING SUCH DEVICES  
[54] DISPOSITIF D'AFFICHAGE  
ELECTROCHROMIQUE ET  
COMPOSITIONS UTILISEES POUR  
FABRIQUER DE TELS DISPOSITIFS  
[72] BABINEC, SUSAN J., US  
[72] VINCENT, JOHN B., US  
[72] CHEN, YU, US  
[72] DERMODY, DANIEL L., US  
[71] DOW GLOBAL TECHNOLOGIES  
INC., US  
[85] 2003-09-16  
[86] 2002-03-19 (US2002008601)  
[87] 2002-09-26 (2002075441)  
[30] US (60/277,030) 2001-03-19

[21] 2,441,268  
[13] A1

[51] Int.Cl. 7G01L 1/12  
[25] EN  
[54] STRESS SENSOR  
[54] CAPTEUR DE CONTRAINTES  
[72] MILNE, JAMES CARL, GB  
[72] TOMKA, GEORGE JIRI, GB  
[72] GORE, JONATHAN GEOFFREY, GB  
[72] MAYLIN, MARK GREGORY, GB  
[71] QINETIQ LIMITED, GB  
[85] 2003-09-16  
[86] 2002-03-20 (GB2002001298)  
[87] 2002-10-03 (2002077591)  
[30] GB (0107182.8) 2001-03-22

[21] 2,441,269  
[13] A1

[51] Int.Cl. 7H01M 8/06 7F02C 6/00  
[25] EN  
[54] FOSSIL FUEL COMBINED CYCLE  
POWER SYSTEM  
[54] SYSTEME DE PRODUCTION  
D'ENERGIE A CYCLE COMBINE POUR  
COMBUSTIBLES FOSSILES  
[72] ARMSTRONG, TIMOTHY R., US  
[72] LABINOV, SOLOMON D., US  
[72] JUDKINS, RODDIE R., US  
[71] UT-BATTELLE, LLC, US  
[85] 2003-09-16  
[86] 2002-03-20 (US2002008313)  
[87] 2002-10-03 (2002078109)  
[30] US (09/813,714) 2001-03-21

[21] 2,441,270  
[13] A1

[51] Int.Cl. 7D04H 1/54 7D04H 1/00  
7B05D 3/02 7B32B 27/04 7B32B 27/12  
7B32B 27/20 7B05D 1/34  
[25] EN  
[54] ACQUISITION/DISTRIBUTION  
LAYER AND METHOD OF MAKING  
SAME  
[54] COUCHE DE COLLECTE/  
DIFFUSION ET PROCEDE DE  
FABRICATION CORRESPONDANT  
[72] BODAGHI, HASSAN, US  
[71] FIRST QUALITY NONWOVENS,  
INC., US  
[85] 2003-09-19  
[86] 2002-03-15 (US2002007934)  
[87] 2002-10-03 (2002076630)  
[30] US (09/816,666) 2001-03-26

[21] 2,441,271  
[13] A1

[51] Int.Cl. 7H04L 12/56  
[25] EN  
[54] NETWORK TUNNELING  
[54] TUNNELLISATION RESEAU  
[72] GRANDI, VITTORIANO, GB  
[72] HARDY, WILLIAM GEOFFREY, GB  
[71] MARCONI UK INTELLECTUAL  
PROPERTY LIMITED, GB  
[85] 2003-09-16  
[86] 2002-03-12 (GB2002001108)  
[87] 2002-10-03 (2002078283)  
[30] GB (0107639.7) 2001-03-27

[21] 2,441,273  
[13] A1

[51] Int.Cl. 7B24D 11/00 7B24D 18/00  
[25] EN  
[54] PRODUCTION OF PATTERNED  
COATED ABRASIVE SURFACES  
[54] PRODUCTION DE SURFACES  
ABRASIVES APPLIQUEES A MOTIFS  
[72] SWEI, GWO SHIN, US  
[72] MATHISEN, MARK E., US  
[71] SAINT-GOBAIN ABRASIVES, INC.,  
US  
[85] 2003-09-16  
[86] 2002-03-28 (US2002009465)  
[87] 2002-10-10 (2002078909)  
[30] US (09/824,272) 2001-04-02

[21] 2,441,274  
[13] A1

[51] Int.Cl. 7C07D 307/86 7A61P 35/00  
7A61K 31/34 7A61K 31/343 7A61K 31/381  
7A61K 31/4164  
[25] EN  
[54] AURONES AS TELOMERASE  
INHIBITORS  
[54] AURONES UTILES COMME  
INHIBITEURS DE LA TELOMERASE  
[72] BALLINARI, DARIO, IT  
[72] MENICHINCHERI, MARIA, IT  
[72] GUDE, MARKUS, CH  
[72] ERMOLI, ANTONELLA, IT  
[72] BONOMINI, LUISELLA, IT  
[72] MOLL, JURGEN, IT  
[72] VANOTTI, ERMES, IT  
[71] PHARMACIA ITALIA S.P.A., IT  
[85] 2003-09-16  
[86] 2002-04-15 (EP2002004191)  
[87] 2002-10-24 (2002083123)  
[30] US (09/837,846) 2001-04-18

[21] 2,441,276  
[13] A1

[51] Int.Cl. 7C23C 8/26 7C23C 8/70  
[25] EN  
[54] STEEL MATERIAL AND METHOD  
FOR PREPARATION THEREOF  
[54] MATERIAU EN ACIER ET  
PROCEDE DE FABRICATION  
CORRESPONDANT  
[72] KUWABARA, MITSUO, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[85] 2003-09-17  
[86] 2002-03-20 (JP2002002653)  
[87] 2002-09-26 (2002075013)  
[30] JP (2001-80313) 2001-03-21  
[30] JP (2001-80328) 2001-03-21

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[21] 2,441,277  
[13] A1

[51] Int.Cl. 7F42B 10/14  
[25] EN  
[54] METHOD OF SYNCHRONIZING FIN FOLD-OUT ON A FIN-STABILIZED ARTILLERY SHELL, AND AN ARTILLERY SHELL DESIGNED IN ACCORDANCE THEREWITH  
[54] PROCEDE DE SYNCHRONISATION DU DEPLOIEMENT D'AILLETTES SUR UN OBUS D'ARTILLERIE STABILISE PAR AILLETTES, ET OBUS D'ARTILLERIE AINSI CONCU  
[72] JOHANSSON, STIG, SE  
[71] BOFORS DEFENCE AB, SE  
[85] 2003-09-16  
[86] 2002-03-20 (SE2002000550)  
[87] 2002-10-10 (2002079716)  
[30] SE (0100956-2) 2001-03-20

[21] 2,441,278  
[13] A1

[51] Int.Cl. 7H01R 33/00 7H03J 1/00  
7G01R 31/08 7G08B 5/22  
[25] EN  
[54] DECORATIVE LIGHT STRING HAVING SHUNT REPAIR DEVICE  
[54] GUIRLANDE LUMINEUSE DECORATIVE COMPRENANT UN DISPOSITIF DE REPARATION EN PARALLELE  
[72] FREDERICK, W. RICHARD, US  
[71] INTEGRATED POWER COMPONENTS, INC., US  
[85] 2003-09-17  
[86] 2002-03-13 (US2002007609)  
[87] 2002-09-26 (2002075862)  
[30] US (60/277,346) 2001-03-19  
[30] US (60/277,481) 2001-03-20  
[30] US (60/287,162) 2001-04-27  
[30] US (60/289,865) 2001-05-09  
[30] US (09/854,255) 2001-05-14  
[30] US (10/041,032) 2001-12-28  
[30] US (10/068,452) 2002-02-06

[21] 2,441,281  
[13] A1

[51] Int.Cl. 7G01R 31/08 7H04M 17/00  
[25] EN  
[54] COMMUNICATIONS SYSTEM WITH FRAUD MONITORING  
[54] SYSTEME DE COMMUNICATION AVEC SURVEILLANCE DE FRAUDE  
[72] VAN ARKEL, JOHN HANS, US  
[72] CASLIN, MICHAEL F., US  
[72] SPRINGER, ARTHUR LANCE, US  
[71] WORLDCOM, INC., US  
[85] 2003-09-17  
[86] 2002-03-20 (US2002008321)  
[87] 2002-09-26 (2002075339)  
[30] US (60/276,923) 2001-03-20  
[30] US (60/276,953) 2001-03-20  
[30] US (60/276,954) 2001-03-20  
[30] US (60/276,955) 2001-03-20

[21] 2,441,282  
[13] A1

[51] Int.Cl. 7G06F 17/30  
[25] EN  
[54] IMPROVEMENTS IN DEVELOPING AND MAINTAINING CUSTOMISED COMPUTER INFORMATION SYSTEMS  
[54] AMELIORATIONS APORTEES A L'ELABORATION ET A L'ENTRETIEN DE SYSTEMES D'INFORMATIONS INFORMATIQUES PERSONNALISES  
[72] GROVES, GLENN JOHN, AU  
[71] THE FUTURE IS FREEDOM PTY LTD., AU  
[85] 2003-09-17  
[86] 2002-03-18 (AU2002000285)  
[87] 2002-10-03 (2002077857)  
[30] AU (PR 3994) 2001-03-26

[21] 2,441,285  
[13] A1

[51] Int.Cl. 7G03G 15/20  
[25] EN  
[54] METHOD AND DEVICE FOR HEATING AND FIXING AN INKING, PARTICULARLY A TONER POWDER ON A PLATE-SHAPED SUPPORT  
[54] PROCEDE ET DISPOSITIF POUR CHAUFFER ET FIXER UNE COUCHE DE COULEUR, NOTAMMENT DE LA POUDRE DE TONER SUR UN SUPPORT SOUS FORME DE PLAQUE  
[72] SCHULTHEIS, BERND, DE  
[72] SOLBACH, RAINER, DE  
[72] HOMMES, HANS-JURGEN, DE  
[72] LATTERMANN, BIRGIT, DE  
[72] JUNG, DIETER, DE  
[71] SCHOTT GLAS, DE  
[85] 2003-09-16  
[86] 2002-03-21 (EP2002003115)  
[87] 2002-10-03 (2002077720)  
[30] DE (101 14 526.8) 2001-03-22

[21] 2,441,290  
[13] A1

[51] Int.Cl. 7A01N 37/40 7A01N 25/14  
7A01N 43/70  
[25] EN  
[54] PHYTOPHARMACEUTICAL ALLOY COMPOSITIONS  
[54] COMPOSITIONS D'ALLIAGES PHYTOPHARMACEUTIQUES  
[72] LIGON, ROBERT CARLISLE, US  
[71] BAYER CROPSCIENCE S.A., FR  
[85] 2003-09-19  
[86] 2002-03-09 (EP2002002624)  
[87] 2002-09-26 (2002074082)  
[30] US (60/277,325) 2001-03-20

[21] 2,441,302  
[13] A1

[51] Int.Cl. 7B65G 53/20  
[25] EN  
[54] A METHOD AND A SYSTEM FOR DISTRIBUTION OF FLUIDISABLE MATERIALS  
[54] PROCEDE ET SYSTEME DE DISTRIBUTION DE MATERIAUX POUVANT ETRE FLUIDISES  
[72] DALEN, KJELL MAGNE, NO  
[72] KARLSEN, MORTEN, NO  
[72] NAGELL, BERNT, NO  
[71] NORSK HYDRO ASA, NO  
[85] 2003-09-19  
[86] 2002-03-20 (NO2002000116)  
[87] 2002-09-26 (2002074670)  
[30] NO (20011446) 2001-03-21

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[13] A1

[51] Int.Cl. 7C07D 207/04 7A61K 31/401  
 [25] EN  
**[54] BIGUANIDE DERIVATIVES**  
**[54] DERIVES DE BIGUANIDE**  
 [72] CRAVO, DANIEL, FR  
 [72] MOINET, GERARD, FR  
 [71] MERCK PATENT GESELLSCHAFT  
 MIT BESCHRANKTER HAFTUNG, DE  
 [85] 2003-09-19  
 [86] 2002-03-20 (EP2002003119)  
 [87] 2002-09-26 (2002074740)  
 [30] FR (0103846) 2001-03-21

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[21] **2,441,313**

[13] A1

[51] Int.Cl. 7C07D 239/70 7A61P 29/00  
 7C07D 401/04 7C07D 403/04 7C07D 401/  
 12 7C07D 405/12 7C07D 413/12 7A61K 31/  
 527  
 [25] EN  
**[54] NEW SPIROTRICYCLIC**  
 DERIVATIVES AND THEIR USE AS  
 PHOSPHODIESTERASE-7 INHIBITORS  
 [54] NOUVEAUX DERIVES  
 SPIROTRICYCLIQUES ET LEUR  
 UTILISATION EN TANT  
 QU'INHIBITEURS DE LA  
 PHOSPHODIESTERASE-7  
 [72] LORTHIOIS, EDWIGE, FR  
 [72] VERGNE, FABRICE, FR  
 [72] DUCROT, PIERRE, FR  
 [72] BERNARDELLI, PATRICK, FR  
 [71] WARNER-LAMBERT COMPANY  
 LLC, US  
 [85] 2003-09-19  
 [86] 2002-03-18 (EP2002003594)  
 [87] 2002-09-26 (2002074754)  
 [30] EP (PCT/EP01/03355) 2001-03-21

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[13] A1

[51] Int.Cl. 7G06F 9/00 7G06F 15/16  
**7G06F 15/173**  
 [25] EN  
**[54] POLICY-BASED**  
**SYNCHRONIZATION OF PER-CLASS**  
**RESOURCES BETWEEN ROUTERS IN**  
**A DATA NETWORK**  
**[54] SYNCHRONISATION DE**  
**RESSOURCES PAR CLASSE A BASE DE**  
**REGLES ENTRE LES ROUTEURS D'UN**  
**RESEAU DE DONNEES**  
 [72] YAO, LEI, US  
 [72] RAWLINS, DIANA J., US  
 [72] MCDYSAN, DAVID E., US  
 [71] WORLDCOM, INC., US  
 [85] 2003-09-19  
 [86] 2002-03-20 (US2002008551)  
 [87] 2002-09-26 (2002075524)  
 [30] US (60/276,923) 2001-03-20  
 [30] US (60/276,953) 2001-03-20  
 [30] US (60/276,955) 2001-03-20  
 [30] US (60/331,217) 2001-11-13  
 [30] US (10/095,909) 2002-03-12

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[21] **2,441,320**

[13] A1

[51] Int.Cl. 7G06F 15/173  
 [25] EN  
**[54] EDGE-BASED PER-FLOW QOS**  
**ADMISSION CONTROL IN A DATA**  
**NETWORK**  
**[54] CONTROLE D'ADMISSION POUR**  
**QUALITE DE SERVICE PAR FLUX EN**  
**FONCTION DE LA BORDURE DANS UN**  
**RESEAU DE DONNEES**  
 [72] MCDYSAN, DAVID E., US  
 [72] RAWLINS, DIANA J., US  
 [72] YAO, LEI, US  
 [71] WORLDCOM, INC., US  
 [85] 2003-09-19  
 [86] 2002-03-20 (US2002008634)  
 [87] 2002-09-26 (2002075577)  
 [30] US (60/276,923) 2001-03-20  
 [30] US (60/276,953) 2001-03-20  
 [30] US (60/276,955) 2001-03-20  
 [30] US (60/331,217) 2001-11-13  
 [30] US (10/095,956) 2002-03-12

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[21] **2,441,322**

[13] A1

[51] Int.Cl. 7A61F 2/44  
 [25] EN  
**[54] TISSUE DISTRACTION DEVICE**  
**[54] DISPOSITIF DE DISTRACTION DE**  
**TISSUS**  
 [72] JOHNSON, WESLEY D., US  
 [72] LIPSCHULTZ, TYLER P., US  
 [72] WALES, LARRY W., US  
 [72] KIEVAL, ROBERT S., US  
 [71] SPINE WAVE, INC., US  
 [85] 2003-09-04  
 [86] 2002-03-08 (US2002007006)  
 [87] 2002-09-19 (2002071921)  
 [30] US (60/274,372) 2001-03-08  
 [30] US (09/872,905) 2001-06-01

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[13] A1

[51] Int.Cl. 7G06F 17/30 7G06F 17/00  
 [25] EN  
**[54] XML BASED TRANSACTION**  
**DETAIL RECORDS**  
**[54] ENREGISTREMENTS DE DETAILS**  
**D'OPERATIONS BASES SUR LE**  
**LANGAGE XML**  
 [72] McMURRY, KATHLEEN A., US  
 [72] PIZZIMENTI, JOSEPH W., US  
 [72] GALLANT, JOHN K., US  
 [71] WORLDCOM, INC., US  
 [85] 2003-09-19  
 [86] 2002-03-20 (US2002008578)  
 [87] 2002-09-26 (2002075605)  
 [30] US (60/276,923) 2001-03-20  
 [30] US (60/276,953) 2001-03-20  
 [30] US (60/276,954) 2001-03-20  
 [30] US (60/276,955) 2001-03-20  
 [30] US (10/099,323) 2002-03-15

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[13] A1

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7C07D 235/14 7A61K 31/343 7A61K 31/  
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307/81  
[25] EN  
[54] BICYCLIC GUANIDINE  
DERIVATIVES AND THERAPEUTIC  
USES THEREOF  
[54] DERIVES BICYCLIQUES DE  
GUANIDINE ET LEURS UTILISATIONS  
THERAPEUTIQUES  
[72] CRAVO, DANIEL, FR  
[72] MOINET, GERARD, FR  
[71] MERCK PATENT GESELLSCHAFT  
MIT BESCHRANKTER HAFTUNG, DE  
[85] 2003-09-19  
[86] 2002-02-27 (EP2002002094)  
[87] 2002-10-03 (2002076963)  
[30] FR (0103843) 2001-03-21

[21] 2,441,334  
[13] A1

[51] Int.Cl. 7C07D 403/10 7C07C 271/18  
7C07D 207/20 7C07D 207/26 7A01N 43/36  
7A01N 43/713  
[25] EN  
[54] .DELTA.1 PYRROLINES  
[54] .DELTA.1-PYRROLINES  
[72] ERDELEN, CHRISTOPH, DE  
[72] TURBERG, ANDREAS, DE  
[72] MAURER, FRITZ, DE  
[72] PLANT, ANDREW, GB  
[72] MARHOLD, ALBRECHT, DE  
[72] HANSEN, OLAF, DE  
[71] BAYER CROPSCIENCE AG, DE  
[85] 2003-09-19  
[86] 2002-03-12 (EP2002002684)  
[87] 2002-10-03 (2002076978)  
[30] DE (101 13 965.9) 2001-03-22

[21] 2,441,344  
[13] A1

[51] Int.Cl. 7H04L 12/66  
[25] EN  
[54] RECURSIVE QUERY FOR  
COMMUNICATIONS NETWORK DATA  
[54] DEMANDE RECURSIVE DE  
DONNEES DE RESEAU DE  
COMMUNICATION  
[72] McMURRY, KATHLEEN A., US  
[72] GALLANT, JOHN K., US  
[71] WORLDCOM, INC., US  
[85] 2003-09-19  
[86] 2002-03-20 (US2002008632)  
[87] 2002-09-26 (2002076049)  
[30] US (60/276,923) 2001-03-20  
[30] US (60/276,953) 2001-03-20  
[30] US (60/276,954) 2001-03-20  
[30] US (60/276,955) 2001-03-20  
[30] US (10/099,097) 2002-03-15

[21] 2,441,348  
[13] A1

[51] Int.Cl. 7B61B 11/00  
[25] EN  
[54] METHOD FOR DETACHING  
TOWABLE DEVICE FROM SKI LIFT  
AND DETACHING MEMBER  
[54] PROCEDE PERMETTANT DE  
DETACHER UN DISPOSITIF TRACTE  
PAR UN TELESKI ET ELEMENT DE  
TRACTION DETACHABLE  
[72] AALTONEN, ESA, FI  
[72] BERGSTROM, ESA, FI  
[72] JUVONEN, KARI, FI  
[71] AALTONEN, ESA, FI  
[71] BERGSTROM, ESA, FI  
[71] JUVONEN, KARI, FI  
[85] 2003-09-19  
[86] 2002-03-27 (FI2002000261)  
[87] 2002-10-10 (2002079014)  
[30] FI (20010637) 2001-03-28

[21] 2,441,345  
[13] A1

[51] Int.Cl. 7A61N 1/18  
[25] EN  
[54] ELECTRICAL STIMULATION  
APPARATUS AND METHOD  
[54] APPAREIL ET PROCEDE DE  
STIMULATION ELECTRIQUE  
[72] MO, Y. JOSEPH, US  
[71] NEXMED HOLDINGS, INC., US  
[85] 2003-09-19  
[86] 2002-04-01 (US2002010018)  
[87] 2002-10-10 (2002078780)  
[30] US (09/824,362) 2001-04-02

[21] 2,441,350  
[13] A1

[51] Int.Cl. 7A61K 31/675  
[25] EN  
[54] METHODS TO TREAT  
AUTOIMMUNE AND  
INFLAMMATORY CONDITIONS  
[54] PROCEDES RELATIFS AU  
TRAITEMENT DES MALADIES AUTO-  
IMMUNES ET INFLAMMATOIRES  
[72] SHEPARD, H. MICHAEL, US  
[71] NEWBIOTICS, INC., US  
[85] 2003-09-19  
[86] 2002-01-18 (US2002001361)  
[87] 2002-07-25 (2002056832)  
[30] US (60/262,849) 2001-01-19

[21] 2,441,347  
[13] A1

[51] Int.Cl. 7H05K 7/20 7F25D 1/00  
7H01L 23/36  
[25] EN  
[54] HEAT RADIATING FIN AND HEAT  
RADIATING METHOD USING THE  
SAME  
[54] AILETTES DE RADIATEUR ET  
PROCEDE DE RAYONNEMENT  
UTILISANT CES AILETTES  
[72] KUJIRAI, MASAMI, JP  
[71] KABUSHIKI KAISHA SEKUTO  
KAGAKU, JP  
[85] 2003-09-19  
[86] 2002-03-19 (JP2002002601)  
[87] 2002-09-26 (2002076163)  
[30] JP (2001-81572) 2001-03-21

[21] 2,441,352  
[13] A1

[51] Int.Cl. 7A61K 9/00  
[25] EN  
[54] LIQUID FORMULATIONS FOR  
THE PREVENTION AND TREATMENT  
OF MUCOSAL DISEASES AND  
DISORDERS  
[54] FORMULATIONS LIQUIDES POUR  
LA PREVENTION ET LE TRAITEMENT  
D'AFFECTIONS ET DE TROUBLES DES  
MUQUEUSES  
[72] NOWOTNIK, DAVID P., US  
[72] JACOB, JEREMY E., US  
[72] BAUD, CHRISTINE M., US  
[71] ACCESS PHARMACEUTICALS,  
INC., US  
[85] 2003-09-19  
[86] 2002-02-15 (US2002004577)  
[87] 2002-08-22 (2002064113)  
[30] US (60/269,049) 2001-02-15

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[51] Int.Cl. 7C08G 69/48 7A61P 31/12  
7A61P 31/18 7A61K 31/785  
[25] EN  
[54] AGENT FOR THE PREVENTION  
AND TREATMENT OF SEXUALLY  
TRANSMITTED DISEASES-I  
[54] AGENT PREVENTIF ET  
THERAPEUTIQUE DE MALADIES-I  
SEXUELLEMENT TRANSMISSIBLES  
[72] HENDERSON, SCOTT ANDREW, AU  
[72] MATTHEWS, BARRY ROSS, AU  
[72] O'KEEFE, DAVID FRANCIS, AU  
[72] KARELLAS, PETER, AU  
[72] HOLAN, GEORGE, AU  
[71] STARPHARMA LIMITED, AU  
[85] 2003-09-19  
[86] 2002-03-28 (AU2002000407)  
[87] 2002-10-10 (2002079299)  
[30] AU (PR 4128) 2001-03-30

**[21] 2,441,360**  
[13] A1

[51] Int.Cl. 7A47G 19/02 7B65D 21/08  
[25] EN  
[54] INVERTIBLE FOOD CONTAINER  
[54] RECIPIENT ALIMENTAIRE  
RENVERSABLE  
[72] TOUSSANT, JOHN WILLIAM, US  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2003-09-19  
[86] 2002-04-19 (US2002012457)  
[87] 2002-10-31 (2002085167)  
[30] US (09/843,088) 2001-04-25

**[21] 2,441,365**  
[13] A1

[51] Int.Cl. 7B23K 9/10  
[25] EN  
[54] ELECTRIC ARC WELDER FOR  
VARIABLE AC INPUT  
[54] APPAREIL DE SOUDURE A L'ARC  
ELECTRIQUE A TENSION D'ENTREE  
ALTERNATIVE VARIABLE  
[72] CHURCH, LARRY L., US  
[71] LINCOLN GLOBAL, INC., US  
[85] 2003-09-19  
[86] 2002-06-25 (US2002020525)  
[87] 2003-02-27 (2003015973)  
[30] US (09/932,685) 2001-08-20

**[21] 2,441,367**  
[13] A1

[51] Int.Cl. 7H04L 12/66 7H04L 12/56  
[25] EN  
[54] OPTIMIZING VOICE-OVER-IP  
PRIORITY AND BANDWIDTH  
REQUIREMENTS  
[54] PROCEDE DE SELECTION  
OPTIMALE DE BANDE PASSANTE ET  
DE PRIORITE POUR DES PAQUETS DE  
MESSAGE VOCAUX DANS UN RESEAU  
DE TRANSPORT DE LA VOIX SUR IP  
[72] ADY, ROGER, US  
[72] BACH, CHRIS, US  
[72] DESHPANDE, RAJ, US  
[71] MOTOROLA, INC., US  
[85] 2003-09-19  
[86] 2002-02-15 (US2002004985)  
[87] 2002-10-03 (2002078278)  
[30] US (09/812,994) 2001-03-20

**[21] 2,441,369**  
[13] A1

[51] Int.Cl. 7H04M 3/42  
[25] EN  
[54] METHOD AND APPARATUS FOR  
PLACING AN EMERGENCY CALL  
FROM A TELEWORKING STATION  
[54] PROCEDES ET DISPOSITIF DE  
COMPOSITION D'UN NUMERO  
D'APPEL D'URGENCE DEPUIS UN  
CLIENT DE TELETRAVAIL COUPLE A  
DISTANCE A UN PBX  
[72] SWARTZ, DAVID J., US  
[72] VANDER MEIDEN, DAVID A., US  
[72] GOODMAN, CHARLES, US  
[72] BUDZIAK, JOSEPH, US  
[72] OZERY, NISSIM, US  
[72] STUMER, PEGGY M., US  
[71] SIEMENS INFORMATION AND  
COMMUNICATION NETWORKS, INC.,  
US  
[85] 2003-09-19  
[86] 2002-02-19 (US2002004885)  
[87] 2002-10-03 (2002078305)  
[30] US (09/815,685) 2001-03-23

**[21] 2,441,371**  
[13] A1

[51] Int.Cl. 7H04M 3/00  
[25] EN  
[54] METHODS AND APPARATUS FOR  
TRANSMITTING OVER A PRIVATE  
NETWORK ACCURATE EMERGENCY  
LOCATION IDENTIFICATION  
NUMBERS (ELINS) FROM BEHIND A  
MULTI-LINE TELEPHONE SYSTEM  
(MLTS) UTILIZING PORT EQUIPMENT  
NUMBERS  
[54] PROCEDES ET APPAREIL  
D'EMISSION SUR UN RESEAU PRIVE  
DE NUMEROS ELIN (EMERGENCY  
LOCATION IDENTIFICATION  
NUMBERS) DEPUIS L'ARRIERE D'UN  
SYSTEME TELEPHONIQUE  
MULTILINE (STML) PAR  
UTILISATION DES NUMEROS  
D'EQUIPEMENT DE POINTS DE  
CONNEXION

[72] STUMER, PEGGY M., US  
[71] SIEMENS INFORMATION AND  
COMMUNICATION NETWORKS, INC.,  
US  
[85] 2003-09-19  
[86] 2002-02-20 (US2002005025)  
[87] 2002-10-03 (2002078306)  
[30] US (09/816,830) 2001-03-23

**[21] 2,441,372**  
[13] A1

[51] Int.Cl. 7H04N 1/41  
[25] EN  
[54] METHOD FOR COMPRESSION  
AND DECOMPRESSION OF IMAGE  
DATA  
[54] PROCEDE DE COMPRESSION ET  
DE DECOMPRESSION DE DONNEES  
D'IMAGE  
[72] MOSSAKOWSKI, GERD, DE  
[71] T-MOBILE DEUTSCHLAND GMBH,  
DE  
[85] 2003-09-19  
[86] 2002-03-19 (DE2002000995)  
[87] 2002-10-03 (2002078322)  
[30] DE (101 13 881.4) 2001-03-21  
[30] DE (101 52 612.1) 2001-10-25

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[13] A1

[51] Int.Cl. 7B32B 27/00 7B29C 71/00  
7D01F 1/02  
[25] EN  
[54] CONDRAPABLE HYDROPHOBIC NONWOVEN WEB AND METHOD OF MAKING SAME  
[54] VOILE NON TISSE HYDROPHOBÉ AGREABLE AU TOUCHER ET PRÉSENTANT UNE BONNE DRAPABILITÉ ET PROCÉDÉ DE PRODUCTION D'UN TEL VOILE  
[72] KAUSCHKE, MICHAEL, DE  
[72] TURI, MORDECHAI, US  
[71] FIRST QUALITY NONWOVENS, INC., US  
[85] 2003-09-19  
[86] 2002-03-15 (US2002007931)  
[87] 2002-10-03 (2002076731)  
[30] US (09/817,013) 2001-03-23

[21] 2,441,376  
[13] A1

[51] Int.Cl. 7A23F 5/46 7A23L 1/22 7A23L 1/234 7A23F 5/24 7A23L 3/34 7A23L 3/3526 7A23L 3/3535  
[25] EN  
[54] IMPROVEMENT OF AROMA-CONTAINING COMPONENTS  
[54] AMELIORATION DE COMPOSANTS CONTENANT UN AROME  
[72] MILO, CHRISTIAN, CH  
[72] CHENG, PU-SHENG, US  
[72] ZHENG, YING, US  
[72] KLUEPPEL, ANTHONY WILLIAM, US  
[72] RAHMANI, RACHID, US  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2003-09-19  
[86] 2002-03-13 (EP2002003027)  
[87] 2002-11-07 (2002087360)  
[30] US (60/278,506) 2001-03-23

[21] 2,441,377  
[13] A1

[51] Int.Cl. 7C07D 491/18 7A61P 35/00  
7A61P 35/02 7A61K 31/343 7A61K 31/403  
7A61K 31/407 7C07D 307/77 7C07D 209/96  
[25] EN  
[54] PROTEIN PHOSPHATE INHIBITORS  
[54] INHIBITEURS DE PROTEINE PHOSPHATE  
[72] MCCLUSKEY, ADAM, AU  
[72] SAKOFF, JENNette, AU  
[72] ACKLAND, STEPHEN, AU  
[71] THE UNIVERSITY OF NEWCASTLE RESEARCH ASSOCIATES LIMITED, AU  
[85] 2003-09-22  
[86] 2002-03-25 (AU2002000360)  
[87] 2002-10-03 (2002076989)  
[30] AU (PR 3923) 2001-03-23

[21] 2,441,384  
[13] A1

[51] Int.Cl. 7A61F 2/44  
[25] EN  
[54] SPHERICAL SPINAL IMPLANT  
[54] IMPLANT VERTEBRAL SPHERIQUE  
[72] BISCUP, ROBERT S., US  
[72] LEROUX, CLAYTON G., US  
[71] SPINECO, INC., US  
[85] 2003-09-19  
[86] 2002-03-08 (US2002007474)  
[87] 2002-11-07 (2002087480)  
[30] US (60/277,038) 2001-03-20  
[30] US (09/865,114) 2001-05-24

[21] 2,441,385  
[13] A1

[51] Int.Cl. 7G06F 9/40  
[25] EN  
[54] METHOD AND APPARATUS FOR BUILDING ALGORITHMS  
[54] PROCÉDÉ ET DISPOSITIF DE CONSTRUCTION D'ALGORITHMES  
[72] LADDE, CEDRIC, FR  
[72] DORNE, RAPHAEL, GB  
[72] VOUDOURIS, CHRISTOS, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2003-09-19  
[86] 2002-04-03 (GB2002001533)  
[87] 2002-10-17 (2002082260)  
[30] EP (01303274.3) 2001-04-06

[21] 2,441,381  
[13] A1

[51] Int.Cl. 7C08J 5/06 7C08L 101/00  
7C08J 11/06  
[25] EN  
[54] COMPOSITE MATERIALS MADE FROM TREATED CELLULOSE AND PLASTIC  
[54] MATERIAUX COMPOSITES A FAIBLE COUT, DURABLES ET RESISTANTS, FABRIQUES A PARTIR DE CELLULOSE ET DE PLASTIQUE TRAITES  
[72] KADOSH, GABY, IL  
[72] JACOBS, IAN LEONARD, IL  
[72] GROSS, MIKE, IL  
[72] HALAHMI, IZHAR, IL  
[71] CYCLETEC LTD., IL  
[85] 2003-09-19  
[86] 2002-03-21 (IB2002000831)  
[87] 2002-10-03 (2002077077)  
[30] US (09/813,876) 2001-03-22  
[30] IL (142230) 2001-03-23

[21] 2,441,383  
[13] A1

[51] Int.Cl. 7B24D 13/14 7B24D 9/08  
7B24D 13/20  
[25] EN  
[54] POLISHING PAD AND SYSTEM  
[54] TAMPON ET SYSTEME DE POLISSAGE  
[72] PIOMBINI, ROBERT, CA  
[71] SAINT-GOBAIN ABRASIVES, INC., US  
[85] 2003-09-19  
[86] 2002-03-28 (US2002009466)  
[87] 2002-10-17 (2002081149)  
[30] US (09/826,343) 2001-04-04

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[13] A1

[51] Int.Cl. 7C07D 487/22 7A61K 41/00  
7A61P 43/00 7A61K 31/555  
[25] EN  
[54] METAL SUBSTITUTED NON  
CENTROSIMMETRICAL  
PHTHALOCYANINE ANALOGUES,  
THEIR PREPARATION AND USE IN  
PHOTODYNAMIC THERAPY AND IN  
VIVO DIAGNOSTIC  
[54] ANALOGUES DE  
PHTHALOCYANINE NON  
CENTROSYMETRIQUES SUBSTITUES  
PAR DES METAUX, LEUR  
PREPARATION ET LEUR  
UTILISATION EN THERAPIE  
PHOTODYNAMIQUE ET DIAGNOSTIC  
IN VIVO  
[72] FANTETTI, LIA, IT  
[72] DE FILIPPIS, MARIA PAOLA, IT  
[72] NISTRI, DANIELE, IT  
[72] DEI, DONATA, IT  
[72] RONCUCCI, GABRIO, IT  
[71] L. MOLTENI E.C. DEI FRATELLI  
ALITTI SOCIETA DI ESERCIZIO S.P.A., IT  
[85] 2003-09-19  
[86] 2002-03-20 (EP2002003108)  
[87] 2002-11-14 (2002090361)  
[30] EP (01303454.1) 2001-04-12

**[21] 2,441,387**  
[13] A1

[51] Int.Cl. 7H04N 7/173  
[25] EN  
[54] CONTENT MANAGEMENT  
[54] GESTION DE CONTENU  
[72] SEARBY, STEPHEN, GB  
[72] BANTHORPE, STEVEN GRAHAM,  
GB  
[72] SKINNER, ANDREW LEE, GB  
[72] SHEPHERD, KEIR DAVID, GB  
[71] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB  
[85] 2003-09-19  
[86] 2002-03-08 (GB2002001075)  
[87] 2002-10-10 (2002080550)  
[30] EP (01303083.8) 2001-03-30

**[21] 2,441,389**  
[13] A1

[51] Int.Cl. 7H04N 7/14  
[25] EN  
[54] VIDEO COMMUNICATION  
[54] COMMUNICATION VIDEO  
[72] NIGHTINGALE, CHARLES, GB  
[72] MORRISON, DAVID GEOFFREY, GB  
[71] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB  
[85] 2003-09-19  
[86] 2002-03-27 (GB2002001488)  
[87] 2002-10-24 (2002085017)  
[30] EP (01303454.1) 2001-04-12

**[21] 2,441,405**  
[13] A1

[51] Int.Cl. 7B05B 1/00 7A62C 31/02  
[25] EN  
[54] LIQUID SPRAYERS  
[54] PULVERISATEURS DE LIQUIDE  
[72] DUSHKIN, ANDREY L., RU  
[72] KARPYSHEV, ALEXANDER V., RU  
[71] DUSHKIN, ANDREY L., RU  
[71] KARPYSHEV, ALEXANDER V., RU  
[85] 2003-09-19  
[86] 2002-03-21 (RU2002000108)  
[87] 2002-10-03 (2002076624)  
[30] RU (2001107433) 2001-03-22

**[21] 2,441,390**  
[13] A1

[51] Int.Cl. 7H04L 12/58 7G06F 17/60  
[25] EN  
[54] SYSTEM AND METHOD FOR  
IDENTIFYING UNIQUE MESSAGES  
STORED IN MULTIPLE MESSAGE  
STORES  
[54] SYSTEME ET PROCEDE  
PERMETTANT DE TRAITER  
EFFICACEMENT DES MESSAGES  
STOCKES DANS PLUSIEURS  
MEMOIRES DE MESSAGES  
[72] McDONALD, DAVID THOMAS, US  
[71] PRESTON GATES ELLIS LLP, US  
[85] 2003-09-19  
[86] 2002-03-19 (US2002008471)  
[87] 2002-11-14 (2002091701)  
[30] US (09/812,749) 2001-03-19

**[21] 2,441,407**  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] POSTAGE SECURITY DEVICE  
HAVING CRYPTOGRAPHIC KEYS  
WITH A VARIABLE KEY LENGTH  
[54] DISPOSITIF DE SECURITE  
D'AFFRANCHISSEMENT POSSEDDANT  
DES CLES CRYPTOGRAPHIQUES A  
LONGUEUR DE CLE VARIABLE  
[72] PIERCE, PERRY A., US  
[71] PITNEY BOWES INC., US  
[85] 2003-09-19  
[86] 2001-11-01 (US2001045765)  
[87] 2002-05-10 (2002037736)  
[30] US (09/704,860) 2000-11-02

**[21] 2,441,392**  
[13] A1

[51] Int.Cl. 7H04L 9/00 7G09C 1/00  
[25] EN  
[54] ENCRYPTING DEVICE  
[54] DISPOSITIF DE CHIFFREMENT  
[72] UGA, SHINSUKE, JP  
[72] WAKABAYASHI, TAKAO, JP  
[72] CHIKAZAWA, TAKESHI, JP  
[72] KASUYA, TOMOMI, JP  
[71] MITSUBISHI DENKI KABUSHIKI  
KAISHA, JP  
[85] 2003-09-19  
[86] 2001-04-03 (JP2001002880)  
[87] 2002-10-17 (2002082715)

**[21] 2,441,408**  
[13] A1

[51] Int.Cl. 7D01F 6/90 7A46D 1/00 7D01F  
8/12 7D01F 8/14 7D01F 6/92  
[25] EN  
[54] THERMOPLASTIC  
MONOFILAMENT FOR BRISTLES  
[54] MONOFILAMENT  
THERMOPLASTIQUE POUR POILS DE  
BROSSES  
[72] PUSCH, HANS-ULRICH, DE  
[72] WEIHRAUCH, GEORG, DE  
[71] PEDEX & CO. GMBH, DE  
[85] 2003-09-19  
[86] 2002-03-26 (EP2002003364)  
[87] 2002-10-03 (2002077334)  
[30] DE (101 15 556.5) 2001-03-28

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

[51] Int.Cl. 7D03D 41/00  
 [25] EN  
**HIGH SPEED THREE-DIMENSIONAL WEAVING METHOD & MACHINE**  
**MACHINE ET PROCEDE DE TISSAGE TRIDIMENSIONNEL A GRANDE VITESSE**  
 [72] SALAMA, MAHMOUD, US  
 [72] MOHAMED, MANSOUR, US  
 [71] 3TEX, INC., US  
 [85] 2003-09-19  
 [86] 2002-03-22 (US2002011305)  
 [87] 2002-10-03 (2002077340)  
 [30] US (09/816,835) 2001-03-23

**[21] 2,441,422**  
[13] A1

[51] Int.Cl. 7F02D 41/06 7F02D 41/40  
 [25] EN  
**COLD START PULSE WIDTH COMPENSATION**  
**[54] COMPENSATION DE DUREE D'IMPULSION LORS DU DEMARRAGE A FROID**  
 [72] BEYENE, MICHAEL M., US  
 [72] WALKER, ROBERT S., US  
 [72] SATYAVOLU, SURESH L., US  
 [71] INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, LLC., US  
 [85] 2003-09-22  
 [86] 2002-03-20 (US2002008609)  
 [87] 2002-10-10 (2002079628)  
 [30] US (09/821,477) 2001-03-29

**[21] 2,441,424**  
[13] A1

[51] Int.Cl. 7G06F 17/60 7G06G 1/14  
 [25] EN  
**METHOD AND APPARATUS FOR SUPPLYING CODED LABELS**  
**[54] PROCEDE ET DISPOSITIF POUR LA FOURNITURE D'ETIQUETTES CODEES**  
 [72] HOWARTH, MATTHEW SCOTT, US  
 [72] BRIGGS, PETER DAVID SINCLAIR, GB  
 [72] CHASTAINE, LOCKE A., US  
 [72] EVANS, RICHARD G., US  
 [71] SINCLAIR SYSTEMS INTERNATIONAL, INC., US  
 [85] 2003-09-22  
 [86] 2002-03-21 (US2002008994)  
 [87] 2002-10-03 (2002077902)  
 [30] US (09/816,036) 2001-03-22

**[21] 2,441,430**  
[13] A1

[51] Int.Cl. 7C12N 9/20  
 [25] EN  
**ENZYMES COATED WITH IONIC LIQUID**  
**[54] ENZYME ENROBEE DE LIQUIDE IONIQUE**  
 [72] KIM, MAHN-JOO, KR  
 [72] LEE, JAE KWAN, KR  
 [71] POSCO, KR  
 [71] POSTECH FOUNDATION, KR  
 [85] 2003-09-17  
 [86] 2003-01-13 (KR2003000067)  
 [87] 2003-07-17 (2003057871)  
 [30] KR (10-2002-0002056) 2002-01-14

**[21] 2,441,439**  
[13] A1

[51] Int.Cl. 7B01L 9/00 7G01N 35/00  
 7G02B 21/26 7G02B 21/34  
 [25] EN  
**ACCOMMODATING DEVICE FOR SPECIMEN SLIDES**  
**[54] DISPOSITIF DE RECEPTION POUR PORTE-OBJETS**  
 [72] BOSIO, ANDREAS, DE  
 [71] MEMOREC BIOTEC GMBH, DE  
 [85] 2003-09-16  
 [86] 2002-03-15 (EP2002002899)  
 [87] 2002-10-17 (2002081089)  
 [30] DE (101 12 682.4) 2001-03-16

**[21] 2,441,442**  
[13] A1

[51] Int.Cl. 7A61K 47/48  
 [25] EN  
**CONJUGATE OF HYDROXYALKYL STARCH AND AN ACTIVE AGENT**  
**[54] CONJUGUES D'AMIDON HYDROXYALKYLE ET D'AGENT ACTIF**  
 [72] JUNGHEINRICH, CORNELIUS, DE  
 [72] SCHARPF, ROLAND, DE  
 [72] FRIE, SVEN, DE  
 [72] EICHNER, WOLFRAM, DE  
 [72] LUTTERBECK, KATHARINA, DE  
 [72] SOMMERMEYER, KLAUS, DE  
 [71] FRESENIUS KABI DEUTSCHLAND GMBH, DE  
 [85] 2003-09-26  
 [86] 2002-03-15 (EP2002002928)  
 [87] 2002-10-17 (2002080979)  
 [30] DE (101 12 825.8) 2001-03-16

**[21] 2,441,451**  
[13] A1

[51] Int.Cl. 7C08L 101/00 7G09B 19/10  
 7C08J 3/20 7C08K 7/22  
 [25] EN  
**LIGHT CLAY AND PROCESS FOR PRODUCING THE SAME**  
**[54] ARGILE LEGERE ET PROCEDE DE PRODUCTION DE CETTE ARGILE**  
 [72] YAMAMURO, TOSHIYUKI, JP  
 [71] YAMAMURO, TOSHIYUKI, JP  
 [85] 2003-09-24  
 [86] 2002-03-15 (JP2002002479)  
 [87] 2002-09-26 (2002074862)  
 [30] JP (2001-75119) 2001-03-16  
 [30] JP (2001-165214) 2001-05-31  
 [30] JP (2001-165370) 2001-05-31

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**[21] 2,441,482**  
[13] A1

[51] Int.Cl. 7A61B 17/32  
[25] EN  
[54] DEVICES AND METHODS FOR PERCUTANEOUS SURGERY  
[54] DISPOSITIFS ET PROCEDES POUR CHIRURGIE PERCUTANEE  
[72] NULL, WILLIAM B., US  
[72] SMITH, MAURICE M., US  
[72] FOLEY, KEVIN T., US  
[72] ROEHM, THOMAS E., III, US  
[71] SDGI HOLDINGS, INC., US  
[85] 2003-09-22  
[86] 2002-03-18 (US2002008068)  
[87] 2002-10-03 (2002076311)  
[30] US (09/815,693) 2001-03-23

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**[21] 2,441,484**  
[13] A1

[51] Int.Cl. 7C07K 14/79 7C07J 9/00  
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[25] EN  
[54] MOLECULAR CONJUGATES FOR USE IN TREATMENT OF CANCER  
[54] CONJUGUES MOLECULAIRES DESTINES A ETRE UTILISES DANS LE TRAITEMENT DU CANCER  
[72] MCCHESNEY, JAMES D., US  
[72] XU, CHRISTINE R., US  
[72] CHANDER, MADHAVI C., US  
[72] SIAHAAN, TERUNA J., US  
[72] AINSWORTH, STERLING, ZZ  
[71] NAPRO BIOTHERAPEUTICS, INC., US  
[85] 2003-09-22  
[86] 2002-03-25 (US2002009417)  
[87] 2002-10-03 (2002076448)  
[30] US (60/278,243) 2001-03-23

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**[21] 2,441,485**  
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[51] Int.Cl. 7B01D 47/10 7B05B 15/12  
[25] EN  
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[54] DISPOSITIF DE LAVAGE POUR CABINES DE PULVERISATION DE PEINTURE  
[72] PAKKALA, JAMES L., US  
[72] HUSSEY, HUGH F., US  
[72] YU, GUANG, US  
[72] KLOBUCAR, JOSEPH M., US  
[71] DURR INDUSTRIES, INC., US  
[85] 2003-09-22  
[86] 2002-03-19 (US2002008631)  
[87] 2002-10-03 (2002076629)  
[30] US (60/277,856) 2001-03-22  
[30] US (10/093,334) 2002-03-07

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[51] Int.Cl. 7C07D 403/04 7A61P 15/10  
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[25] EN  
[54] RHO-KINASE INHIBITORS  
[54] INHIBITEURS DE RHO-KINASE  
[72] WEBER, OLAF, US  
[72] LYNCH, MARK, US  
[72] NAGARATHNAM, DHANAPALAN, US  
[72] BANKSTON, DONALD, US  
[72] ASGARI, DAVOUD, US  
[72] BOYER, STEPHEN, US  
[72] SHAO, JIANXING, US  
[72] WANG, CHUNGUANG, US  
[72] HART, BARRY, US  
[72] KHIRE, UDAY, US  
[72] LIU, XIAO-GAO, US  
[71] BAYER CORPORATION, US  
[85] 2003-09-22  
[86] 2002-03-22 (US2002008659)  
[87] 2002-10-03 (2002076976)  
[30] US (60/277,974) 2001-03-23  
[30] US (60/315,341) 2001-08-29

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**[21] 2,441,493**  
[13] A1

[51] Int.Cl. 7A61M 15/00 7A61M 16/00  
[25] EN  
[54] CONVERTIBLE FLUID FEED SYSTEM WITH COMFORMABLE RESERVOIR AND METHODS  
[54] SYSTEME CONVERTIBLE D'ALIMENTATION DE FLUIDE AVEC RESERVOIR ADAPTABLE ET PROCEDES  
[72] KLIMOWICZ, MICHAEL, US  
[72] BITDINGER, RALF, US  
[72] BRIONES, VICTOR, US  
[72] RAPP, DAVID, US  
[72] LOEFFLER, JOSEPH P., US  
[71] AEROGEN, INC., US  
[85] 2003-09-19  
[86] 2002-03-19 (US2002008379)  
[87] 2002-09-26 (2002074373)  
[30] US (09/812,987) 2001-03-20

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[13] A1

[51] Int.Cl. 7B27K 5/06 7B27M 1/08  
[25] EN  
[54] MODIFIED WOOD PRODUCT AND PROCESS FOR THE PREPARATION THEREOF  
[54] PRODUIT EN BOIS MODIFIE ET PROCEDE DE PREPARATION DE CELUI-CI  
[72] VINDEN, PETER, AU  
[72] TORGONNIKOV, GRIGORY, AU  
[71] THE UNIVERSITY OF MELBOURNE, AU  
[85] 2003-09-19  
[86] 2002-03-18 (AU2002000315)  
[87] 2002-09-26 (2002074507)  
[30] AU (PR 3882) 2001-03-21

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[13] A1

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58 7C08F 4/80  
[25] EN  
[54] HIGH ACTIVITY METAL  
CARBENE METATHESIS CATALYSTS  
GENERATED USING A THERMALLY  
ACTIVATED N-HETEROCYCLIC  
CARBENE PRECURSOR  
[54] CATALYSEURS METALLIQUES  
DE METATHÈSE DE CARBÈNE A  
HAUTE ACTIVITÉ GÉNÉRÉS AU  
MOYEN D'UN PRÉCURSEUR DE  
CARBÈNE N-HÉTÉROCYCLIQUE  
ACTIVE DE MANIÈRE THÉMIQUE  
[72] BELL, ANDREW, US  
[72] GRUBBS, ROBERT H., US  
[72] MORGAN, JOHN P., US  
[72] MOORE, JASON L., US  
[71] CALIFORNIA INSTITUTE OF  
TECHNOLOGY, US  
[71] CYMETECH, LLC., US  
[85] 2003-09-22  
[86] 2002-03-25 (US2002009273)  
[87] 2002-10-03 (2002076613)  
[30] US (60/278,311) 2001-03-23  
[30] US (60/288,680) 2001-05-03  
[30] US (60/360,775) 2002-03-01

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[13] A1

[51] Int.Cl. 7C07D 403/04 7A61P 35/00  
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[25] EN  
[54] RHO-KINASE INHIBITORS  
[54] INHIBITEURS DE RHO-KINASE  
[72] NAGARATHNAM, DHANAPALAN,  
US  
[72] WANG, CHUNGUANG, US  
[71] BAYER CORPORATION, US  
[85] 2003-09-22  
[86] 2002-03-22 (US2002008660)  
[87] 2002-10-03 (2002076977)  
[30] US (60/277,974) 2001-03-23  
[30] US (60/315,338) 2001-08-29

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[13] A1

[51] Int.Cl. 7A61F 13/26  
[25] EN  
[54] FOLDED COMPACT TAMPON  
APPLICATOR  
[54] APPLICATEUR DE TAMPON  
COMPACT REPLIE  
[72] HULL, RAYMOND J., US  
[71] MCNEIL-PPC, INC., US  
[85] 2003-09-19  
[86] 2002-03-12 (US2002009028)  
[87] 2002-10-03 (2002076182)  
[30] US (09/815,139) 2001-03-22

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[21] 2,441,508  
[13] A1

[51] Int.Cl. 7C08F 2/24  
[25] EN  
[54] AQUEOUS RESIN DISPERSION  
AND METHOD FOR PRODUCING THE  
SAME  
[54] DISPERSION AQUEUSE DE  
RESINE ET PROCÉDÉ DE  
PRÉPARATION ASSOCIÉ  
[72] TSUKIYAMA, FUMITOSHI, JP  
[71] DAICEL CHEMICAL INDUSTRIES,  
LTD., JP  
[85] 2003-09-18  
[86] 2002-09-27 (JP2002010135)  
[87] 2003-08-07 (2003064479)  
[30] JP (2002-17376) 2002-01-25  
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[13] A1

[51] Int.Cl. 7B23B 51/00  
[25] EN  
[54] DRILL INSERT GEOMETRY  
HAVING V-NOTCHED WEB  
[54] GEOMETRIE D'INSERTION DE  
FORET A BANDE A ENCOCHE EN V  
[72] MAST, WENDELL E., US  
[72] NUZZI, JOSEPH P., US  
[71] ALLIED MACHINE &  
ENGINEERING CORP., US  
[85] 2003-09-24  
[86] 2002-03-21 (US2002008826)  
[87] 2002-10-03 (2002076662)  
[30] US (60/278,977) 2001-03-27  
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[13] A1

[51] Int.Cl. 7A61B 3/16  
[25] EN  
[54] REPLACEABLE PRISM FOR  
APPLANATION TONOMETER  
[54] PRISME AMOVIBLE POUR  
TONOMETRE PAR APLANATION  
[72] FALCK, ROBERT W., US  
[72] FALCK, FRANCIS Y., JR., US  
[71] FFHK DEVELOPMENT COMPANY  
LLC, US  
[85] 2003-09-18  
[86] 2002-03-14 (US2002007736)  
[87] 2002-09-26 (2002075368)  
[30] US (09/811,709) 2001-03-19

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[21] 2,441,515  
[13] A1

[51] Int.Cl. 7B29B 9/06 7B29B 9/16  
[25] EN  
[54] APPARATUS FOR  
MANUFACTURING FOAMED  
THERMOPLASTIC RESIN PELLETS  
AND METHOD THEREOF  
[54] APPAREIL DE FABRICATION DE  
GRANULES EN MOUSSE DE RESINE  
THERMOPLASTIQUE ET PROCÉDÉ  
ASSOCIÉ  
[72] KIM, DONG HEE, KR  
[71] KIM, DONG HEE, KR  
[85] 2003-09-18  
[86] 2001-08-13 (KR2001001378)  
[87] 2002-10-10 (2002078921)  
[30] KR (2001/16625) 2001-03-29  
[30] KR (2001/16626) 2001-03-29

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[21] 2,441,519  
[13] A1

[51] Int.Cl. 7B29C 47/24 7B29C 70/52  
[25] EN  
[54] THERMOPLASTIC COMPOSITE  
MATERIALS MADE BY ROTATIONAL  
SHEAR  
[54] MATERIAUX COMPOSITES  
THERMOPLASTIQUES OBTENUS PAR  
CISAILLEMENT CIRCULAIRE  
[72] LAWRENCE MONTSINGER, US  
[71] LAWRENCE MONTSINGER, US  
[85] 2003-09-22  
[86] 2001-04-10 (US2001011614)  
[87] 2002-10-03 (2002076706)  
[30] US (09/813,594) 2001-03-21

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[51] Int.Cl. 7B60N 2/02  
[25] EN  
[54] SEATBACK LATCH MECHANISM WITH PIVOTING LOCKING PIN  
[54] MECANISME DE VERROUILLAGE DE DOSSIER DE SIEGE A TIGE DE BLOCAGE PIVOTANTE  
[72] YU, SHIHONG, US  
[72] OHSIEK, RICK L., US  
[72] ZARNA, WILLIAM, US  
[71] FISHER DYNAMICS CORPORATION, US  
[85] 2003-09-22  
[86] 2002-03-22 (US2002008763)  
[87] 2002-10-03 (2002076784)  
[30] US (09/816,052) 2001-03-23

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[13] A1

[51] Int.Cl. 7C07D 327/02 7A61P 9/10  
7C07C 323/22 7A61K 31/39  
[25] FR  
[54] DERIVES BENZOAXATHIEPINES ET LEUR UTILISATION COMME MEDICAMENTS  
[54] BENZOAXATHIEPIN DERIVATIVES AND THEIR USE AS MEDICINES  
[72] CASTANT-CUISIAT, FLORENCE, FR  
[72] VACHER, BERNARD, FR  
[72] JOHN, GARETH, FR  
[72] LEGRAND, BRUNO, FR  
[71] PIERRE FABRE MEDICAMENT, FR  
[85] 2003-09-19  
[86] 2002-03-20 (FR2002000969)  
[87] 2002-10-17 (2002081464)  
[30] FR (01/03877) 2001-03-22

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**[21] 2,441,538**  
[13] A1

[51] Int.Cl. 7A61K 38/00 7C07K 14/00  
[25] EN  
[54] STIMULATION OF OSTEOGENESIS USING RANK LIGAND FUSION PROTEINS  
[54] STIMULATION D'OSTEOGENESE UTILISANT DES PROTEINES DE FUSION DE LIGANDS RANK  
[72] LAM, JONATHAN, US  
[72] TEITELBAUM, STEVEN L., US  
[72] ROSS, F. PATRICK, US  
[71] BARNES-JEWISH HOSPITAL, US  
[85] 2003-09-22  
[86] 2002-03-22 (US2002009271)  
[87] 2002-10-17 (2002080955)  
[30] US (60/277,855) 2001-03-22  
[30] US (60/311,163) 2001-08-09  
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[30] US (60/329,231) 2001-10-12  
[30] US (60/329,393) 2001-10-15

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[13] A1

[51] Int.Cl. 7A61K 31/16  
[25] EN  
[54] METHOD FOR PREVENTING ACUTE RENAL FAILURE  
[54] METHODE DE PREVENTION D'UNE INSUFFISANCE RENALE AIGUE  
[72] FINK, MITCHELL P., US  
[72] WARREN, H. SHAW, US  
[71] CRITICAL THERAPEUTICS, INC., US  
[85] 2003-09-22  
[86] 2002-04-03 (US2002010539)  
[87] 2002-10-17 (2002081020)  
[30] US (60/281,363) 2001-04-04

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[13] A1

[51] Int.Cl. 7A61K 9/72 7A61P 11/06  
7A61P 11/08 7A61K 31/46  
[25] EN  
[54] IPRATROPIUM FORMULATION FOR PULMONARY INHALATION  
[54] FORMULATION D'IPRATROPIUM POUR INHALATION PULMONAIRE  
[72] WULFFHART, HAROLD, CA  
[72] AYOUB, KHALDOUN, CA  
[72] LOGIUDICE, ROSEMARY, CA  
[72] PISKORZ, HANNA, CA  
[71] PHARMASCIENCE INC., CA  
[85] 2003-09-22  
[86] 2002-04-03 (CA2002000450)  
[87] 2002-10-31 (2002085338)  
[30] US (09/841,181) 2001-04-23

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[13] A1

[51] Int.Cl. 7E05G 1/024  
[25] EN  
[54] DROP AND SLIDE ESCUTCHEON  
[54] ECRAN MIS EN PLACE PAR DEPOT ET PAR COULISSEMENT  
[72] PALLO, R. DAVID, US  
[71] JOHN D. BRUSH & CO., INC., US  
[85] 2003-09-22  
[86] 2002-04-03 (US2002010537)  
[87] 2002-10-17 (2002081852)  
[30] US (09/829,138) 2001-04-09

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[13] A1

[51] Int.Cl. 7B65D 85/62  
[25] FR  
[54] PROCEDE D'EMBALLAGE DE DOCUMENTS SECURISES  
[54] METHOD FOR PACKAGING SECURE DOCUMENTS  
[72] SPINOY, FRANCIS, BE  
[71] SPIRAL SPRL, BE  
[85] 2003-09-22  
[86] 2002-03-22 (BE2002000042)  
[87] 2002-10-31 (2002085752)  
[30] BE (2001/0191) 2001-03-22  
[30] BE (2002/0184) 2002-03-13

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**[21] 2,441,553**  
[13] A1

[51] Int.Cl. 7F26B 3/02 7B27M 1/02  
[25] EN  
[54] METHOD FOR DRYING TIMBER  
[54] PROCEDE DE SECHAGE DU BOIS D'OEUVRE  
[72] KONTINEN, PAAVO, FI  
[71] TEKMAWOOD OY, FI  
[85] 2003-09-22  
[86] 2002-03-26 (FI2002000255)  
[87] 2002-10-17 (2002081992)  
[30] FI (20010611) 2001-03-26

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[13] A1

[51] Int.Cl. 7C10L 1/32  
[25] EN  
[54] EMULSIFIER MIXTURE FOR  
AQUEOUS DIESEL EMULSIONS  
[54] MELANGE D'EMULSIFIANTS  
POUR EMULSIONS DIESEL  
AQUEUSES  
[72] ROEDER, JURGEN, DE  
[72] BONGARDT, FRANK, DE  
[71] COGNIS DEUTSCHLAND GMBH &  
CO. KG, DE  
[85] 2003-09-22  
[86] 2002-03-20 (EP2002003049)  
[87] 2002-10-10 (2002079354)  
[30] DE (101 15 705.3) 2001-03-29

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[21] 2,441,555  
[13] A1

[51] Int.Cl. 7B60Q 1/30 7F21V 7/00 7B60Q  
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[25] EN  
[54] VEHICULAR LAMP ASSEMBLY  
WITH A SIMPLIFIED STRUCTURE  
AND CHMSL AND TAIL LAMP  
INCORPORATING THE SAME  
[54] BLOC OPTIQUE A STRUCTURE  
SIMPLIFIEE POUR AUTOMOBILE,  
FEU ROUGE CENTRAL HAUT ET  
OPTIQUE DE FEUX ARRIERES  
UTILISANT UN TEL BLOC  
[72] MALONE, BRIAN J., US  
[72] NYKERK, TODD M., US  
[72] KELLY, TIMOTHY J., US  
[71] MERIDIAN AUTOMOTIVE  
SYSTEMS, INC., US  
[85] 2003-09-23  
[86] 2002-03-12 (US2002007513)  
[87] 2002-10-03 (2002076788)  
[30] US (60/278,929) 2001-03-27

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[13] A1

[51] Int.Cl. 7B60R 5/04  
[25] EN  
[54] MID STRUCTURAL MODULE  
[54] MODULE DE STRUCTURE  
INTERMEDIAIRE  
[72] O'BRIEN, TIMOTHY F., US  
[72] FRITSCH, MANFRED, US  
[72] BROADHEAD, DOUGLAS G., CA  
[72] LIU, GORDON, CA  
[72] JANKOVIC, TOMISLAV, CA  
[72] ARNEY, WILLIAM J., CA  
[71] MAGNA INTERNATIONAL INC., CA  
[85] 2003-09-24  
[86] 2002-03-26 (CA2002000418)  
[87] 2002-10-03 (2002076792)  
[30] US (60/278,912) 2001-03-26

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[13] A1

[51] Int.Cl. 7C01B 31/02 7C08K 7/24  
[25] EN  
[54] METHOD FOR THE  
PREPARATION OF STABLE  
SUSPENSIONS AND POWDERS OF  
SINGLE CARBON NANOTUBES  
[54] ELABORATION DE SUSPENSIONS  
STABLES ET POUDRES A BASE DE  
NANOTUBES DE MONOCARBONE  
[72] REGEV, OREN, IL  
[72] YERUSHALMI-ROZEN, RACHEL, IL  
[71] BEN-GURION UNIVERSITY OF THE  
NEGEV, IL  
[85] 2003-09-24  
[86] 2002-03-25 (IL2002000237)  
[87] 2002-10-03 (2002076888)  
[30] IL (142254) 2001-03-26

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[21] 2,441,563  
[13] A1

[51] Int.Cl. 7A61K 31/55 7A61K 45/00  
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[25] EN  
[54] ALLOSTERIC ADENOSINE  
RECEPTOR MODULATORS  
[54] MODULATEURS  
ALLOSTERIQUES DES RECEPTEURS  
DE L'ADENOSINE  
[72] BARALDI, PIER G., IT  
[71] KING PHARMACEUTICALS  
RESEARCH AND DEVELOPMENT INC.,  
US  
[85] 2003-09-19  
[86] 2002-03-19 (US2002008821)  
[87] 2002-09-26 (2002074056)  
[30] US (09/811,679) 2001-03-19

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[13] A1

[51] Int.Cl. 7A61P 25/00 7C07D 401/00  
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[25] EN  
[54] BISARYLAMINES AS POTASSIUM  
CHANNEL OPENERS  
[54] BISARYLAMINES UTILISEES  
POUR OUVRIR DES CANAUX  
POTASSIUM  
[72] AMATO, GEORGE S., US  
[72] MCNAUGHTON-SMITH, GRANT A.,  
US  
[71] ICAGEN, INC., US  
[85] 2003-09-19  
[86] 2002-03-15 (US2002007744)  
[87] 2002-09-26 (2002074388)  
[30] US (60/277,329) 2001-03-19  
[30] US (10/095,617) 2002-03-11

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[21] 2,441,567  
[13] A1

[51] Int.Cl. 7E04H 15/32  
[25] EN  
[54] SIDE RAIL ASSEMBLY FOR  
CANOPY  
[54] ENSEMBLE DE RAIL LATERAL  
DESTINE A UN AUVENT  
[72] SUH, DONG TACK, KR  
[71] CARAVAN CANOPY  
INTERNATIONAL, INC., US  
[85] 2003-09-19  
[86] 2002-03-18 (US2002008163)  
[87] 2002-09-26 (2002075080)  
[30] US (09/811,651) 2001-03-20

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[13] A1

[51] Int.Cl. 7A61K 31/704 7A61P 35/02  
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[25] EN  
[54] PHARMACEUTICAL COMBINATIONS FOR THE TREATMENT OF CANCER COMPRISING DIOXOLANE NUCLEOSIDE ANALOGS  
[54] COMBINAISONS PHARMACEUTIQUES DESTINEES AU TRAITEMENT DU CANCER  
[72] GILES, FRANCIS J., US  
[72] JOLIVET, JACQUES, CA  
[72] KANTARJIAN, HAGOP M., US  
[71] SHIRE BIOCHEM INC., CA  
[85] 2003-09-23  
[86] 2002-03-25 (CA2002000426)  
[87] 2002-10-03 (2002076472)  
[30] US (60/277,975) 2001-03-23  
[30] US (60/330,601) 2001-10-25

[21] 2,441,572  
[13] A1

[51] Int.Cl. 7A01D 34/62  
[25] EN  
[54] CHASSIS FOR GRASS TREATMENT MACHINE  
[54] CHASSIS POUR MACHINE A COUPER L'HERBE  
[72] MICHEL, DAVID, GB  
[71] MICHEL, DAVID, GB  
[85] 2003-09-22  
[86] 2002-03-22 (GB2002001144)  
[87] 2002-10-03 (2002076180)  
[30] GB (0107175.2) 2001-03-22

[21] 2,441,573  
[13] A1

[51] Int.Cl. 7H04L 29/06  
[25] EN  
[54] PATH SEALED SOFTWARE OBJECT CONDITIONAL ACCESS CONTROL  
[54] CONTROLE D'ACCES CONDITIONNEL A UN OBJET LOGICIEL A VOIE D'ACCES FERMEE  
[72] SPRUNK, ERIC, US  
[72] MAKOKA, DOUGLAS, US  
[71] GENERAL INSTRUMENT CORPORATION, US  
[85] 2003-09-19  
[86] 2002-03-18 (US2002008443)  
[87] 2002-09-26 (2002076064)  
[30] US (09/813,769) 2001-03-20

[21] 2,441,574  
[13] A1

[51] Int.Cl. 7H04N 7/24 7H04N 5/00  
[25] EN  
[54] DATA REFERENCING SYSTEM  
[54] SYSTEME DE REFERENCAGE DE DONNEES  
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[72] COLAS NOBLECOURT, CHRISTOPHE, FR  
[71] CANAL + TECHNOLOGIES SOCIETE ANONYME, FR  
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[51] Int.Cl. 7G06F 17/30  
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[54] SYSTEME DE GESTION DE BASES DE DONNEES  
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[72] CUI, ZHAN, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
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[87] 2002-10-10 (2002080029)  
[30] GB (0108074.6) 2001-03-30

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[25] EN  
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[54] MATERIAUX CERAMIQUES EN POUDRE  
[72] TESSIER, PASCAL, CA  
[72] BOILY, SABIN, CA  
[72] ALAMDARI, HOUSHANG DARVISHI, CA  
[71] GROUPE MINUTIA INC., CA  
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[51] Int.Cl. 7A61K 45/00 7A61P 43/00  
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[71] JAPAN TOBACCO, INC., JP  
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[30] JP (2001-89158) 2001-03-27  
[30] JP (2002-19291) 2002-01-29

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[54] MATERIAU D'ELECTRODE INERTE SOUS FORME DE POUDRE NANOCRISTALLINE  
[72] BLOUIN, MARCO, CA  
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[71] GROUPE MINUTIA INC., CA  
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[30] CA (2,341,779) 2001-03-20

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[51] Int.Cl. 7H04L 12/28 7G06F 15/173  
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[54] ALGORITHME DYNAMIQUE MULTIVOIES DE ROUTAGE  
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[72] PLOTKIN, SERGE, US  
[72] WORFOLK, PATRICK A., US  
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[71] CALY CORPORATION, US  
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[25] EN  
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[72] SLAYTON, MICHAEL D., US  
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[13] A1

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[25] EN  
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[54] CANULE ; PROCEDE DE FABRICATION ET METHODE D'UTILISATION  
[72] HIGAKI, YOSHIO, JP  
[72] KLINT, HENRIK SONDERSKOV, DK  
[71] NOVO-NORDISK A/S, DK  
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[30] DK (PA 2001 00483) 2001-03-23

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[13] A1

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[25] EN  
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[54] SYSTEME D'ALARME CONTRE LE VOL DE BIENS PERSONNELS  
[72] LAWRENSON, FRANK RALPH, GB  
[72] PALMER COXEN, ADAM EDMUND, GB  
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[30] GB (0107414.5) 2001-03-22

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[13] A1

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[25] EN  
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[72] LOEFFLER, JOSEPH P., US  
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[30] US (09/812,755) 2001-03-20

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[25] EN  
[54] ANTI-FOULING COMPOSITIONS WITH A FLUORINATED ALKYL- OR ALKOXY-CONTAINING POLYMER OR OLIGOMER  
[54] COMPOSITIONS ANTISALISURES RENFERMANT UN POLYMER OU UN OLIGOMERE FLUORE CONTENANT UN ALKYLE OU UN ALCOXY  
[72] WILLIAMS, DAVID NEIL, GB  
[72] LEE, ADRIAN JAMES, GB  
[72] SHEWRING, NIGEL IVOR EDWARD, GB  
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[13] A1

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[25] EN  
[54] MASS SPECTROMETRY METHOD AND APPARATUS  
[54] PROCEDE ET APPAREIL POUR REALISER UNE SPECTROMETRIE DE MASSE  
[72] MAKAROV, ALEXANDER, GB  
[72] SCHWARTZ, JAE C., US  
[72] HARDMAN, MARK E., GB  
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[30] GB (0107380.8) 2001-03-23  
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[54] PANNEAU D'AFFICHAGE MANUEL A CARTES POUVANT ETRE CHANGEES  
[72] SPELMAN, JIM, US  
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[71] EUROPROTECT FRANCE SA, FR  
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[54] SYSTEME ET PROCEDE D'ETABLISSEMENT DE LIAISONS DE COMMUNICATION AU MOYEN DE MESSAGES TEXTUELS ELECTRONIQUES  
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[72] BALCERZAK, PIOTR, CA  
[71] INTERNET OPERATOR (ASIA) PTE. LTD., CA  
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[54] POMPE A ENGRANAGES A CENTRAGE AUTOMATIQUE  
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[71] BUCKRUCKER, KARL, AT  
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[54] ESPACEURS ALLONGES ET MULTIPLES DE PRODROGUES ACTIVABLES  
[72] DE GROOT, FRANCISCUS MARINUS HENDRIKUS, NL  
[72] BUSSCHER, GUUSKE FREDERIKE, NL  
[72] SEELEN, ANTOINETTE EUGENIE, NL  
[72] VAN BERKOM, LEONARDUS WILHELMUS ADRIAAN, NL  
[72] DE VOS, DICK, NL  
[72] KOEKOEK, RALPH, NL  
[72] ALBRECHT, CARSTEN, NL  
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[72] FOSTER, DAVID, GB  
[71] SUMMIT MEDICAL LTD., GB  
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[54] DERIVEE DE LA PYRIDINE  
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[72] HALLETT, ALLAN, GB  
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[30] GB (0107505.0) 2001-03-26  
[30] US (60/338,281) 2001-12-06

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[54] PROCEDE DE FABRICATION DE PRODUITS METALLIQUES RESISTANT A LA CORROSION  
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[25] EN  
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[54] SYSTEMES DE REFRIGERATION ET DE CHAUFFAGE UTILISANT UN DEBIT MASSIQUE DE REFRIGERANT  
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[87] 2002-10-03 (2002077542)  
[30] US (09/815,295) 2001-03-22

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[51] Int.Cl. 7B60J 5/04  
[25] EN  
[54] METHOD FOR MANUFACTURING A VEHICULAR DOOR ASSEMBLY  
[54] PORTIERE D'AUTOMOBILE CONTENANT UNE UNITE ESCAMOTABLE MODULAIRE  
[72] WENGLINSKI, DANIEL E., US  
[72] FRITSCH, MANFRED, US  
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[87] 2002-10-03 (2002076776)  
[30] US (60/277,908) 2001-03-22

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[13] A1

[51] Int.Cl. 7G06F 17/21  
[25] EN  
[54] SYSTEMS AND METHODS FOR CONTENT DELIVERY OVER A WIRELESS COMMUNICATION MEDIUM TO A PORTABLE COMPUTING DEVICE  
[54] SYSTEMES ET PROCEDES PERMETTANT DE FOURNIR UN CONTENU A UN DISPOSITIF INFORMATIQUE PORTABLE PAR LE BIAIS D'UN SUPPORT DE COMMUNICATION SANS FIL  
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[71] ARIZAN CORPORATION, US  
[85] 2003-09-22  
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[87] 2002-10-03 (2002077855)  
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[54] SYSTEME INTERNE D'OUVERTURE ET DE FERMETURE DESTINE A DES RATEAUX EN V  
[72] TONUTTI, CARLETTI, IT  
[71] TONUTTI S.P.A., IT  
[85] 2003-09-24  
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[87] 2002-10-10 (2002078422)  
[30] US (60/279,267) 2001-03-28

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[13] A1

[51] Int.Cl. 7A61K 9/14 7A61B 8/00 7B01F 17/00  
[25] EN  
[54] ECHOGENIC POLYMER MICROCAPSULES AND NANOCAPSULES AND METHODS FOR PRODUCTION AND USE THEREOF  
[54] MICROCAPSULES ET NANOCAPSULES POLYMERES ECHOGENIQUES ET PROCEDES DE PRODUCTION ET D'UTILISATION  
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[72] EL-SHERIF, DALIA, US  
[71] DREXEL UNIVERSITY, US  
[85] 2003-09-24  
[86] 2002-04-01 (US2002010260)  
[87] 2002-10-10 (2002078611)  
[30] US (60/280,412) 2001-03-30

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[25] EN  
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[54] GEOMETRIE D'UNE PLAQUETTE RAPPORTEE DE PERCAGE PRESENTANT DES RAINURES DE REPARTITION DES COPEAUX  
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[72] MCKINLEY, ROBERT E., US  
[72] STOKEY, TIMOTHY G., US  
[71] ALLIED MACHINE & ENGINEERING CORP., US  
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[13] A1

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[25] EN  
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[54] DISPOSITIF PERMETTANT DE REDUIRE LA DISTANCE DE DECOLLAGE SUR UN PLAN D'EAU REQUISE POUR DES HYDRAVIONS MUNIS DE FLOTTEURS  
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[87] 2002-10-10 (2002079033)  
[30] SE (0101156-8) 2001-03-30

[21] 2,441,612  
[13] A1

[51] Int.Cl. 7H04L 29/06  
[25] EN  
[54] METHOD AND APPARATUS FOR PROVIDING CONTENT TO MEDIA DEVICES  
[54] PROCEDE ET APPAREIL PERMETTANT DE FOURNIR DES CONTENUS A DES DISPOSITIFS MULTIMEDIA  
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[72] ARORA, RAKESH K., CA  
[72] BILLARD, CHRISTOPHER D., CA  
[72] JOHANSEN, SHAUN R., CA  
[72] WHATMOUGH, KENNETH J., CA  
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[54] NOUVEL AMLODIPINE CAMSYLATE ET SON PROCEDE DE PREPARATION  
[72] MOON, YOUNG HO, KR  
[72] KIM, NAM DU, KR  
[72] WOO, JONG SOO, KR  
[72] LEE, KYUNG IK, KR  
[72] LEE, GWAN SUN, KR  
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[85] 2003-09-24  
[86] 2002-03-28 (KR2002000543)  
[87] 2002-10-10 (2002079158)  
[30] KR (2001/16514) 2001-03-29

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[13] A1

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7F02M 31/04  
[25] EN  
[54] DEVICE FOR HUMIDIFYING THE INTAKE AIR OF AN INTERNAL COMBUSTION ENGINE, WHICH IS EQUIPPED WITH A TURBOCHARGER, INVOLVING PRE-HEATING EFFECTED BY A WATER CIRCUIT  
[54] DISPOSITIF D'HUMIDIFICATION DE L'AIR D'ENTREE D'UN MOTEUR A COMBUSTION INTERNE  
COMPORTANT UN TURBOCOMPRESSEUR PAR PRECHAUFFAGE AU MOYEN D'UN CIRCUIT D'EAU  
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[72] BULANG, SIEGFRIED, NL  
[71] MUNTERS EUROFORM GMBH, DE  
[85] 2003-09-22  
[86] 2002-03-19 (DE2002000986)  
[87] 2002-09-26 (2002075141)  
[30] DE (101 13 416.9) 2001-03-20

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[54] COMPOSITION COMPORTANT DU CACAO ET UN AGONISTE DU RECEPTEUR D2 DE LA DOPAMINE  
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[72] TER LAAK, WIES, NL  
[72] RAGGERS, RENE JOHN, NL  
[71] N.V. NUTRICIA, NL  
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[51] Int.Cl. 7G01V 5/04 7G01T 1/20  
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[54] GEODIRECTION DE MACHINES D'EXPLOITATION DE MINERAUX SOLIDES  
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[72] MEDLEY, DWIGHT, US  
[71] GEOSTEERING MINING SERVICES, LLC, US  
[85] 2003-09-22  
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[87] 2002-09-26 (2002075361)  
[30] US (60/276,896) 2001-03-20

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[51] Int.Cl. 7H02K 1/04 7H02K 11/00  
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[25] EN  
[54] ALTERNATOR AND METHOD OF MANUFACTURE  
[54] ALTERNATEUR ET PROCEDE DE FABRICATION DUDIT ALTERNATEUR  
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[72] HOWE, STEVEN E., US  
[71] ALTECH GENERATING SYSTEMS, LLC, US  
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[51] Int.Cl. 7C08F 10/02 7C07F 17/00  
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[25] EN  
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[72] MERRICK-MACK, JEAN A., US  
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[30] US (09/820,404) 2001-03-29

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[72] LEWIS, BRADLEY R., US  
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[72] TRSAR, DALE A., US  
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[71] SNAP-ON TECHNOLOGIES, INC., US  
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[54] PROCEDE ET SYSTEME D'APPEL D'OFFRES DE SERVICES DE TELECOMMUNICATIONS A PLUSIEURS PRESTATAIRES  
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[71] INTERNET OPERATOR (ASIA) PTE. LTD., SG  
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[54] GANT D'ALOE VERA ET METHODE DE FABRICATION  
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[54] TRAITEMENT D'IMAGES  
[72] HANJALIC, ALAN, NL  
[72] XU, LI-QUN, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
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[54] SYSTEME DOMOTIQUE RF POURVU DE NOEUDS A FONCTIONNALITE DOUBLE  
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[72] CHRISTENSEN, CARLOS MELIA, DK  
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[13] A1

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[25] EN  
[54] ABSORBENT INSERT FOR USE WITH AN OUTER ABSORBENT GARMENT  
[54] INSERT ABSORBANT DESTINE A UN VETEMENT ABSORBANT EXTERNE  
[72] BRUEMMER-PRESTLEY, MARY ANNE, US  
[72] BOSSLEAAR, CORNELIS JACOBUS, US  
[72] NELSON, COURTNEY M., US  
[72] DATTA, PAUL JOSEPH, US  
[72] FELL, DAVID ARTHUR, US  
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[13] A1

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[25] EN  
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[54] PROCEDE ET SYSTEME D'INTUBATION  
[72] EFRATI, SHAI, IL  
[71] HOSPITEC INC., IL  
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[13] A1

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[25] EN  
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[54] SYSTEME D'IMAGERIE VIDEO DENTAIRE  
[72] COOPER, DAVID, US  
[71] DENTSPLY INTERNATIONAL INC., US  
[85] 2003-09-23  
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[25] EN  
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[54] TABLETTE RENFERMANT DU CHEWING GUM  
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[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
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[54] PROCEDE DE TISSAGE D'UN SAC GONFLABLE  
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[72] BECKER, MICHAEL, DE  
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[25] EN  
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[54] PACEMAKER POUR AUTOPARALYSIE BILATERALE DES CORDES VOCALES  
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[71] MED-EL ELEKTROMEDIZINISCHE GERÄTE GES.M.B.H., AT  
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[30] US (60/281,746) 2001-04-05

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[13] A1

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[25] EN  
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[54] PROCEDE POUR PREPARER DE LA NOURRITURE POUR ANIMAL EN MORCEAUX  
[72] SCHLEBUSCH, JOHANNES P., DE  
[71] MARS, INC., US  
[85] 2003-09-24  
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[13] A1

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[25] EN  
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[54] PROCEDE ET APPAREIL POUR DECOUPER ET FORER DU BETON  
[72] DEBLASIO, MICHAEL J., US  
[71] DEBLASIO, MICHAEL J., US  
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[54] PROCEDE DE PREPARATION DE MOUSSES POLYURETHANE  
[72] STEFANI, DARIO, IT  
[72] BARISONI, EMANUELE, IT  
[72] FAVA, FLAVIO, IT  
[71] DOW GLOBAL TECHNOLOGIES INC., US  
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[13] A1

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[25] EN  
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[54] SYSTEME INTERNE DE REGLAGE DE LA LARGEUR D'ANDAIN POUR DISPOSITIF DE RATELAGE EN V  
[72] TONUTTI, CARLETTTO, IT  
[71] TONUTTI S.P.A., IT  
[85] 2003-09-24  
[86] 2002-03-28 (IB2002002617)  
[87] 2002-10-31 (2002085097)  
[30] US (60/279,268) 2001-03-28  
[30] US (60/332,894) 2001-11-16

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[13] A1

[51] Int.Cl. 7C07F 15/00  
[25] EN  
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[54] NOUVEAUX COMPLEXES ANIONIQUES ET NEUTRES DE RUTHENIUM (II) CONTENANT DE L'OXYDE D'AZOTE  
[72] SAVA, GIANNI, IT  
[72] BERGAMO, ALBERTA, IT  
[72] ALESSIO, ENZO, IT  
[72] MESTRONI, GIOVANNI, IT  
[71] SIGEA S.R.L., IT  
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[13] A1

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[25] EN  
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[54] SYNCHRONISATION DE DONNEES D'APPLICATION DANS UN SYSTEME DE TELECOMMUNICATIONS  
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[72] SAHINOJA, MIKKO, FI  
[72] PIISPANEN, JUSSI, FI  
[71] NOKIA CORPORATION, FI  
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[13] A1

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[25] EN  
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[54] RESEAU DE CAPTEURS PERMETTANT DE SURVEILLER LA CORROSION ELECTROCHIMIQUE  
[72] SRIDHAR, NACASI, US  
[72] YANG, LIETAI, US  
[71] SOUTHWEST RESEARCH INSTITUTE, US  
[85] 2003-09-23  
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[25] EN  
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ENUMERATION OF COCCIDIAL  
SPOROCYSTS  
[54] IDENTIFICATION ET  
DENOMBREMENT DE SPOROCYSTES  
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[72] PFANNENSTIEL, MARY ANN, US  
[71] NOVUS INTERNATIONAL, INC., US  
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[87] 2002-10-03 (2002077603)  
[30] US (60/278,974) 2001-03-27

[21] 2,441,712

[13] A1

[51] Int.Cl. 7G06F 11/30 7H04L 9/00  
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[25] EN  
[54] SYSTEM, METHOD AND  
APPARATUS THAT EMPLOY  
VIRTUAL PRIVATE NETWORKS TO  
RESIST IP QOS DENIAL OF SERVICE  
ATTACKS  
[54] SYSTEME, PROCEDE ET  
APPAREIL UTILISANT DES RESEAUX  
PRIVES VIRTUELS POUR RESISTER  
AUX ATTAQUES ENTRAINANT UN  
REFUS DE SERVICE TEL QUE LA  
QUALITE DE SERVICE DANS UN  
PROTOCOLE INTERNET  
[72] MCDYSAN, DAVID E., US  
[71] WORLDCOM, INC., US  
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[86] 2002-03-20 (US2002008577)  
[87] 2002-09-26 (2002075548)  
[30] US (60/276,923) 2001-03-20  
[30] US (60/276,953) 2001-03-20  
[30] US (60/276,955) 2001-03-20  
[30] US (10/023,043) 2001-12-17

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[13] A1

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[25] EN  
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[54] PROCEDE D'ENREGISTREMENT  
D'EVENEMENTS DANS UN RESEAU IP  
[72] SHARADHA, VIJAY, US  
[71] WORLDCOM, INC., US  
[85] 2003-09-17  
[86] 2002-03-20 (US2002008580)  
[87] 2002-09-26 (2002075559)  
[30] US (60/276,923) 2001-03-20  
[30] US (60/276,953) 2001-03-20  
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[30] US (60/276,954) 2001-03-20  
[30] US (10/023,297) 2001-12-17

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[13] A1

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[25] EN  
[54] METHOD OF CONSTRAINING  
NON-UNIFORM FPGA LAYOUTS  
USING A UNIFORM COORDINATE  
SYSTEM  
[54] PROCEDE DE LIMITATION  
D'IMPLANTATIONS NON UNIFORMES  
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[72] KRUSE, JAMES W., US  
[71] XILINX, INC., US  
[85] 2003-09-23  
[86] 2001-12-18 (US2001049160)  
[87] 2002-10-10 (2002080044)  
[30] US (09/822,904) 2001-03-29

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12 7C07D 239/42 7A61K 31/4418 7A61K  
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[25] EN  
[54] INHIBITORS OF C-JUN N-  
TERMINAL KINASES (JNK) AND  
OTHER PROTEIN KINASES  
[54] INHIBITEURS DE KINASES N-  
TERMINALES C-JUN (JNK) ET  
AUTRES PROTEINES KINASES  
[72] COCHRAN, JOHN, US  
[72] MOON, YOUNG-CHOON, US  
[72] NANTHAKUMAR, SUSANTHINI, US  
[72] BETHIEL, RANDY, US  
[71] VERTEX PHARMACEUTICALS  
INCORPORATED, US  
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[86] 2002-03-28 (US2002009554)  
[87] 2002-10-10 (2002079197)  
[30] US (60/279,961) 2001-03-29

[21] 2,441,741

[13] A1

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[25] EN  
[54] REAR-AXLE SUSPENSION FOR  
MOTOR VEHICLES INVOLVING THE  
USE OF LONGITUDINAL AND  
TRANSVERSE LINKS  
[54] SUSPENSION DE PONT ARRIERE  
POUR AUTOMOBILES, OBTENUE A  
L'AIDE DE BRAS OSCILLANTS  
LONGITUDINAUX ET  
TRANSVERSAUX  
[72] KROPFL, PETER, AT  
[72] SCHIMPL, WALTER, AT  
[71] MAGNA STEYR  
FAHRZEUGTECHNIK AG & CO KG, AT  
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[86] 2001-07-18 (AT2001000242)  
[87] 2002-10-03 (2002076172)  
[30] AT (GM 218/2001) 2001-03-23

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[54] PROCEDES DE FABRICATION DE MARQUEURS ELECTRONIQUES MAGNETOMECHANIQUES DE SURVEILLANCE D'ARTICLES  
[72] HANSEN, NORM, US  
[72] MORGADO, EUGENIO, US  
[72] PATTERSON, HUBERT A., US  
[72] SIMONE, ROBERT, US  
[72] LIAN, MING-REN, US  
[71] SENSORMATIC ELECTRONICS CORPORATION, US  
[85] 2003-09-23  
[86] 2002-03-29 (US2002009974)  
[87] 2002-10-10 (2002079809)  
[30] US (09/821,398) 2001-03-29

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[13] A1

[51] Int.Cl. 7C04B 14/04  
[25] EN  
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[54] PROCEDE DE MODIFICATION DE LA VISCOSITE D'UNE BOUILLIE DE MINERAIS  
[72] PEREZ, LIBARDO A., US  
[72] POLIZZOTTI, DAVID M., US  
[72] JOHNSON, IVY D., US  
[71] GE BETZ, INC., US  
[85] 2003-09-25  
[86] 2002-04-03 (US2002010378)  
[87] 2002-10-24 (2002083592)  
[30] US (60/282,662) 2001-04-10

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[13] A1

[51] Int.Cl. 7B60R 21/34 7B60R 21/16  
[25] EN  
[54] AIRBAG APPARATUS FOR PEDESTRIAN PROTECTION  
[54] APPAREIL D'AIRBAG POUR PROTECTION DES PIETONS  
[72] INNAMI, HIDEYA, JP  
[72] HOSOYA, TOSHIAKI, JP  
[72] HAMADA, MAKOTO, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[85] 2003-09-23  
[86] 2002-03-27 (IB2002000957)  
[87] 2002-10-10 (2002079009)  
[30] JP (2001-095188) 2001-03-29

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[13] A1

[51] Int.Cl. 7A01C 1/00 7A01G 1/00  
[25] EN  
[54] METHOD OF CULTIVATING PIPER METHYSTICUM PLANTS  
[54] PROCEDE DE CULTURE DE PIPER METHYSTICUM  
[72] PIERCE, JOHN A., US  
[72] JULIAN, WILLIAM, US  
[72] GOW, ROBERT T., US  
[71] HERBALSCIENCE, LLC, US  
[85] 2003-09-25  
[86] 2002-03-20 (US2002008797)  
[87] 2002-10-03 (2002076178)  
[30] US (60/278,873) 2001-03-26

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[25] EN  
[54] CATALYST FOR REFORMING HYDROCARBON AND PROCESS FOR PREPARING THE SAME AND PROCESS FOR REFORMING HYDROCARBON USING THE CATALYST  
[54] CATALYSEUR DE REFORMAGE D'HYDROCARBURES ET PROCEDE DE PREPARATION DU CATALYSEUR, ET PROCEDE DE REFORMAGE D'HYDROCARBURES METTANT EN OEUVRE LEDIT CATALYSEUR  
[72] YANAGINO, TOMOKI, JP  
[72] TAKATSU, KOZO, JP  
[72] UMEKI, TAKASHI, JP  
[72] FUKUNAGA, TETSUYA, JP  
[71] IDEMITSU KOSAN CO., LTD., JP  
[85] 2003-09-23  
[86] 2002-03-26 (JP2002002922)  
[87] 2002-10-10 (2002078840)  
[30] JP (2001-094813) 2001-03-29  
[30] JP (2001-234349) 2001-08-02  
[30] JP (2001-253995) 2001-08-24  
[30] JP (2002-009876) 2002-01-18  
[30] JP (2002-065076) 2002-03-11

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[51] Int.Cl. 7A61L 17/14 7A61L 17/04  
[25] EN  
[54] OIL COATED SUTURES  
[54] SUTURES ENDUITES D'HUILE  
[72] KENNEDY, JOHN, US  
[72] STEVENSON, RICHARD, US  
[72] ROBY, MARK, US  
[71] TYCO HEALTHCARE GROUP LP, US  
[85] 2003-09-25  
[86] 2002-03-26 (US2002009495)  
[87] 2002-10-03 (2002076287)  
[30] US (60/278,687) 2001-03-26

**[21] 2,441,763**  
[13] A1

[51] Int.Cl. 7C12Q 1/68 7C12Q 1/02 7G01N 33/574 7G01N 33/78  
[25] EN  
[54] PROGNOSTIC METHODS FOR BREAST CANCER  
[54] METHODES DE PRONOSTIC POUR LE CANCER DU SEIN  
[72] DAIRKEE, SHANAZ H., US  
[72] LI, ZHENG, US  
[71] CALIFORNIA PACIFIC MEDICAL CENTER, US  
[85] 2003-09-18  
[86] 2002-03-20 (US2002009068)  
[87] 2002-10-03 (2002076286)  
[30] US (09/816,460) 2001-03-23

**[21] 2,441,764**  
[13] A1

[51] Int.Cl. 7H04Q 7/38 7G01S 5/14  
[25] EN  
[54] METHODS AND APPARATUS FOR MOBILE STATION LOCATION ESTIMATION  
[54] PROCEDES ET APPAREILS PERMETTANT D'ESTIMER LA POSITION D'UNE STATION MOBILE  
[72] MACDONALD, ALAN D., US  
[72] SATHER, MARC W., US  
[72] SNAPP, JOHN, US  
[71] AT&T WIRELESS SERVICES, INC., US  
[85] 2003-09-22  
[86] 2002-04-03 (US2002010791)  
[87] 2002-10-17 (2002082832)  
[30] US (60/281,147) 2001-04-03

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**[21] 2,441,765**  
[13] A1

[51] Int.Cl. 7A61B 17/32  
[25] EN  
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[54] SCALPEL A ULTRASONS  
[72] JEWETT, WARREN R., US  
[71] IEP PHARMACEUTICAL DEVICES, INC., US  
[85] 2003-09-24  
[86] 2002-03-08 (US2002007112)  
[87] 2002-10-03 (2002076310)  
[30] US (09/817,633) 2001-03-26

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**[21] 2,441,766**  
[13] A1

[51] Int.Cl. 7G02C 7/02 7G02B 3/00  
[25] EN  
[54] AN OPHTHALMIC LENS  
[54] LENTILLE OPHTALMIQUE  
[72] PIERS, PATRICIA ANN, NL  
[72] WEEBER, ALBERT HENDRIK, NL  
[71] PHARMACIA GRONINGEN BV, NL  
[85] 2003-09-22  
[86] 2002-03-20 (EP2002003172)  
[87] 2002-10-24 (2002084381)  
[30] SE (0101293-9) 2001-04-11

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**[21] 2,441,768**  
[13] A1

[51] Int.Cl. 7A61K 31/4164 7A61P 35/00  
7A61K 31/4184  
[25] EN  
[54] METHOD FOR TREATMENT OF CANCER AND COMPOSITIONS FOR USE THEREIN  
[54] METHODE DE TRAITEMENT DE CANCERS ET COMPOSITIONS APPROPRIEES  
[72] POURGHOLAMI, MOHAMMAD HOSSEIN, AU  
[72] MORRIS, DAVID LAWRENCE, AU  
[71] UNISEARCH LIMITED, AU  
[85] 2003-09-24  
[86] 2002-03-20 (AU2002000339)  
[87] 2002-10-03 (2002076454)  
[30] US (60/278,435) 2001-03-26  
[30] CA (2,342,472) 2001-03-30

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**[21] 2,441,769**  
[13] A1

[51] Int.Cl. 7H01M 8/12  
[25] EN  
[54] HIGH PERFORMANCE CATHODES FOR SOLID OXIDE FUEL CELLS  
[54] CATHODES HAUTE PERFORMANCE POUR PILES A COMBUSTIBLE OXYDE SOLIDE  
[72] GUAN, JIE, US  
[72] MONTGOMERY, KURTIS, US  
[72] MINH, NGUYEN, US  
[72] LEAR, GREGORY, US  
[72] DOSHI, RAJIV, US  
[72] ONG, ESTELA, US  
[71] HONEYWELL INTERNATIONAL, INC., US  
[85] 2003-09-25  
[86] 2002-04-05 (US2002011090)  
[87] 2002-10-24 (2002084774)  
[30] US (09/832,625) 2001-04-10

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**[21] 2,441,770**  
[13] A1

[51] Int.Cl. 7B62D 61/12 7B60G 9/00  
7F16F 1/04 7B60G 11/15 7B60G 11/32  
[25] EN  
[54] HIGHWAY/RAIL TRAILER AXLE/SUSPENSION LIFT ASSEMBLY  
[54] ASSEMBLAGE POUR LE SOULEVEMENT DE SUSPENSION D'ESSIEU RAIL/ROUTE DE REMORQUE  
[72] HESS, TIMOTHY V., US  
[72] PIERCE, PHILLIPPI R., US  
[71] THE BOLER COMPANY, US  
[85] 2003-09-22  
[86] 2002-04-16 (US2002012016)  
[87] 2002-10-24 (2002083486)  
[30] US (60/284,306) 2001-04-17

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[13] A1

[51] Int.Cl. 7C07D 403/10 7A61P 25/00  
7C07D 401/04 7C07D 417/10 7C07D 403/14 7A61K 31/5513  
[25] EN  
[54] DIHYDRO-BENZO[B][1,4]DIAZEPIN-2-ONE DERIVATIVES AS MGLUR2 ANTAGONISTS I  
[54] DERIVES DE DIHYDRO-BENZO[B][1,4]DIAZEPINE-2-ONE UTILISES COMME ANTAGONISTES I DE MGLUR2  
[72] ADAM, GEO, DE  
[72] GOETSCHI, ERWIN, CH  
[72] MUTEL, VINCENT, FR  
[72] WOLTERING, THOMAS JOANNES, DE  
[72] WICHMANN, JUERGEN, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2003-09-25  
[86] 2002-04-02 (EP2002003643)  
[87] 2002-10-24 (2002083665)  
[30] EP (01109126.1) 2001-04-12

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[13] A1

[51] Int.Cl. 7C07D 471/04 7C07D 221/00  
7C07D 231/00 7A61P 9/00 7A61P 7/02  
7A61K 31/415 7A61K 31/4162 7A61K 31/437  
[25] EN  
[54] 1,4,5,6-TETRAHYDROPYRAZOLO-[3,4-C]-PYRIDIN-7-ONES AS FACTEUR XA INHIBITORS  
[54] 1,4,5,6-TETRAHYDROPYRAZOLO-[3,4-C]-PYRIDIN-7-ONES UTILISEES COMME INHIBITEURS DU FACTEUR XA  
[72] PINTO, DONALD J., US  
[72] GALEMMO, ROBERT A., US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2003-09-23  
[86] 2002-04-17 (US2002012204)  
[87] 2002-10-31 (2002085353)  
[30] US (60/284,614) 2001-04-18

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**[21] 2,441,779**  
[13] A1

[51] Int.Cl. 7B04C 5/13  
[25] EN  
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[54] AMELIORATIONS APPORTEES A DES HYDROCYCLONES  
[72] LAWRENCE, KERRY JOHN, AU  
[72] ROGERS, BRIAN LESLIE, AU  
[72] CASTRO, OSCAR MIGUEL, CL  
[72] YEXLEY, PAUL MARTIN, GB  
[72] PRZYBYLEK, ANTHONY RONALD, US  
[71] WEIR WARMAN LTD, AU  
[85] 2003-09-25  
[86] 2002-03-25 (AU2002000347)  
[87] 2002-10-03 (2002076622)  
[30] AU (PR 3992) 2001-03-26  
[30] AU (PR 4724) 2001-05-02

**[21] 2,441,781**  
[13] A1

[51] Int.Cl. 7C08L 67/04 7C08K 3/00  
7C08K 5/00 7C08K 13/00  
[25] EN  
[54] PROCESSING OF POLYHYDROXYALKANOATES USING A NUCLEANT AND A PLASTICIZER  
[54] TRAITEMENT DE POLYHYDROXYALKANOATES AU MOYEN D'UN AGENT DE NUCLEATION ET D'UN PLASTIFIANT  
[72] FUGLY, GARRET D., US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2003-09-23  
[86] 2002-04-19 (US200212541)  
[87] 2002-10-31 (2002085983)  
[30] US (60/285,560) 2001-04-20

**[21] 2,441,784**  
[13] A1

[51] Int.Cl. 7H04L 29/12  
[25] EN  
[54] TUNNELING THROUGH ACCESS NETWORKS  
[54] RESEAUX D'ACCES  
[72] GRANDI, VITTORIANO, GB  
[72] HARDY, WILLIAM GEOFFREY, GB  
[71] MARCONI UK INTELLECTUAL PROPERTY LIMITED, GB  
[85] 2003-09-17  
[86] 2002-03-12 (GB2002001104)  
[87] 2002-10-03 (2002078253)  
[30] GB (0107638.9) 2001-03-27

**[21] 2,441,785**  
[13] A1

[51] Int.Cl. 7A61K 9/20 7A61K 31/54  
[25] EN  
[54] FAST DISINTEGRATING MELOXICAM TABLET  
[54] COMPRIME DE MELOXICAME A DESINTEGRATION RAPIDE  
[72] OHTA, KOTOE, JP  
[72] YAMAGUCHI, WAKUKO, JP  
[72] OHKI, TOSHIMITSU, JP  
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE  
[85] 2003-09-22  
[86] 2002-04-17 (EP2002004246)  
[87] 2002-10-31 (2002085331)  
[30] EP (01109815.9) 2001-04-21

**[21] 2,441,786**  
[13] A1

[51] Int.Cl. 7A61B 17/42 7A61D 9/02  
7A61F 2/08  
[25] EN  
[54] TREATMENT OF VAULT PROLAPSE  
[54] TRAITEMENT DU PROLAPSUS VAGINAL  
[72] KALADELFOS, GEORGE, AU  
[71] KALADELFOS, GEORGE, AU  
[85] 2003-09-25  
[86] 2002-03-27 (AU2002000369)  
[87] 2002-10-10 (2002078552)  
[30] AU (PR 4065) 2001-03-28

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[13] A1

[51] Int.Cl. 7A61B 5/00 7G01N 21/64  
[25] EN  
[54] APPARATUS FOR MEASURING BLOOD GLUCOSE CONCENTRATIONS  
[54] APPAREIL DESTINE A MESURER LES CONCENTRATIONS DE GLUCOSE SANGUIN  
[72] MARCH, WAYNE FRONT, US  
[71] NOVARTIS AG, CH  
[85] 2003-09-22  
[86] 2002-04-26 (EP2002004647)  
[87] 2002-11-07 (2002087429)  
[30] US (60/287,053) 2001-04-27

**[21] 2,441,788**  
[13] A1

[51] Int.Cl. 7G06F 3/033  
[25] EN  
[54] METHOD AND COMPUTER SYSTEM FOR EXECUTING FUNCTIONS FOR OBJECTS BASED ON THE MOVEMENT OF AN INPUT DEVICE  
[54] PROCEDE ET SYSTEME INFORMATIQUE PERMETTANT D'EXECUTER DES FONCTIONS POUR DES OBJETS, EN FONCTION DU MOUVEMENT D'UN DISPOSITIF D'ENTREE  
[72] ROJEWSKI, ERWIN, DE  
[71] SAP AKTIENGESELLSCHAFT, DE  
[85] 2003-09-25  
[86] 2001-12-14 (EP2001014827)  
[87] 2002-10-03 (2002077784)  
[30] EP (01107374.9) 2001-03-26

**[21] 2,441,790**  
[13] A1

[51] Int.Cl. 7C07D 403/12 7A61P 9/00  
7C07D 471/04 7C07D 491/04 7C07D 401/12 7C07D 407/14 7A61K 31/47  
[25] EN  
[54] 1,2,3,4-  
TETRAHYDROISOQUINOLINES DERIVATIVES AS UROTENSIN II RECEPTOR ANTAGONISTS  
[54] DERIVES DE 1,2,3,4-  
TETRAHYDRO-ISOQUINOLINE EN TANT QU'ANTAGONISTES DU RECEPTEUR DE L'UROTENSINE II  
[72] SCHERZ, MICHAEL, CH  
[72] WELLER, THOMAS, CH  
[72] NAYLER, OLIVER, CH  
[72] MATHYS, BORIS, CH  
[72] CLOZEL, MARTINE, CH  
[72] BINKERT, CHRISTOPH, CH  
[72] AISSAOUI, HAMED, FR  
[72] MUELLER, CLAUS, FR  
[72] VELKER, JOERG, DE  
[71] ACTELION PHARMACEUTICALS LTD., CH  
[85] 2003-09-25  
[86] 2002-03-20 (EP2002003131)  
[87] 2002-10-03 (2002076979)  
[30] EP (0103422) 2001-03-27  
[30] EP (0109845) 2001-08-27

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[13] A1

[51] Int.Cl. 7C07D 471/04 7A61P 15/10  
7A61K 31/435  
[25] EN  
[54] CHEMICAL COMPOUNDS  
[54] COMPOSES CHIMIQUES  
[72] COPP, JAMES D., US  
[72] SAWYER, JASON SCOTT, US  
[72] ORME, MARK W., US  
[71] LILLY ICOS LLC, US  
[85] 2003-09-22  
[86] 2002-04-02 (US2002010367)  
[87] 2002-11-07 (2002088123)  
[30] US (60/286,730) 2001-04-25

**[21] 2,441,794**  
[13] A1

[51] Int.Cl. 7G01F 15/18 7G01F 25/00  
7G01F 1/684 7G01F 1/69 7G01F 1/696  
[25] EN  
[54] FLOW METERING  
[54] MESURE DE DEBIT  
[72] GIMSON, CHRIS, GB  
[71] ENDRESS + HAUSER LIMITED, GB  
[85] 2003-09-22  
[86] 2002-04-26 (EP2002004637)  
[87] 2002-11-14 (2002090897)  
[30] GB (0110961.0) 2001-05-03

**[21] 2,441,795**  
[13] A1

[51] Int.Cl. 7C08F 8/42 7C08J 5/22 7C08K  
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[25] EN  
[54] FLUOROSULFONIC ACID  
ORGANIC POLYMERS  
[54] POLYMERES ORGANIQUES  
ACIDES FLUOROSULFONIQUES  
[72] YANG, ZHEN-YU, US  
[71] E.I. DU PONT DE NEMOURS AND  
COMPANY, US  
[85] 2003-09-23  
[86] 2001-05-14 (US2001015604)  
[87] 2002-11-21 (2002092646)

**[21] 2,441,797**  
[13] A1

[51] Int.Cl. 7B01L 3/02  
[25] EN  
[54] LIQUID DROPLET DISPENSING  
[54] DISTRIBUTION DE  
GOUTTELETTES LIQUIDES  
[72] OSING, JURGEN, IE  
[72] SHVETS, IGOR, IE  
[72] MAKAROV, SERGEI, IE  
[72] SHVETS, ALEXANDER, IE  
[71] ALLEGRO TECHNOLOGIES  
LIMITED, IE  
[85] 2003-09-25  
[86] 2002-03-26 (IE2002000039)  
[87] 2002-10-03 (2002076615)  
[30] US (09/816,326) 2001-03-26

**[21] 2,441,798**  
[13] A1

[51] Int.Cl. 7A61K 31/5377 7A61P 29/00  
7C07D 261/14  
[25] EN  
[54] CRYSTALLINE ISOXAZOLE  
DERIVATIVE AND MEDICAL  
PREPARATION THEREOF  
[54] DERIVE D'ISOXAZOLE  
CRISTALLIN ET PREPARATION  
MEDICALE ASSOCIEE  
[72] OCHIAI, YASUSHI, JP  
[72] NISHII, HIROYUKI, JP  
[72] TOMOMURA, KAZUHIKO, JP  
[71] SUMITOMO PHARMACEUTICALS  
COMPANY, LIMITED, JP  
[85] 2003-09-22  
[86] 2002-03-26 (JP2002002937)  
[87] 2002-11-21 (2002092094)  
[30] JP (2001-089119) 2001-03-27

**[21] 2,441,799**  
[13] A1

[51] Int.Cl. 7G06F 9/40  
[25] EN  
[54] METHOD AND APPARATUS TO  
BOOT A NON-UNIFORM-MEMORY-  
ACCESS (NUMA) MACHINE  
[54] PROCEDE ET APPAREIL POUR  
AMORCER UNE MACHINE D'ACCES  
NON UNIFORME A LA MEMOIRE  
(NUMA)  
[72] TRAN, KIET ANH, US  
[72] LEE, VAN HOA, US  
[71] INTERNATIONAL BUSINESS  
MACHINES CORPORATION, US  
[85] 2003-09-18  
[86] 2002-03-21 (GB2002001369)  
[87] 2002-10-24 (2002084478)  
[30] US (09/833,337) 2001-04-12

**[21] 2,441,800**  
[13] A1

[51] Int.Cl. 7H04L 9/32 7G06K 9/00  
[25] EN  
[54] REMOTE AUTHENTIFICATION  
OF FINGERPRINTS OVER AN  
INSECURE NETWORK  
[54] AUTHENTIFICATION A  
DISTANCE D'EMPREINTES  
DIGITALES SUR UN RESEAU NON  
SECURISE  
[72] CHATTERJEE, KRISHNENDU, IN  
[72] DUBEY, PRADEEP KUMAR, IN  
[72] AGGARWAL, POOJA, US  
[72] JUTLA, CHARANJIT SINGH, US  
[72] KUMAR, VIJAY, IN  
[71] INTERNATIONAL BUSINESS  
MACHINES CORPORATION, US  
[85] 2003-09-18  
[86] 2002-05-02 (GB2002002010)  
[87] 2002-11-14 (2002091142)  
[30] US (09/848,887) 2001-05-04

**[21] 2,441,801**  
[13] A1

[51] Int.Cl. 7G01N 31/00 7C07H 17/00  
7G01N 33/566  
[25] EN  
[54] METHODS AND FORMULATIONS  
FOR INCREASING THE AFFINITY OF  
A1 ADENOSINE RECEPTOR LIGANDS  
FOR THE A1 ADENOSINE RECEPTOR  
[54] METHODES ET FORMULATIONS  
PERMETTANT D'ACCROITRE  
L'AFFINITE DES LIGANDS DU  
RECEPTEUR A1 DE L'ADENOSINE  
POUR LE RECEPTEUR A1 DE  
L'ADENOSINE  
[72] WILSON, CONSTANCE NEELY, US  
[71] ENDACEA INC., US  
[85] 2003-09-22  
[86] 2002-05-23 (US2002016218)  
[87] 2002-11-28 (2002095391)  
[30] US (60/293,362) 2001-05-24

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**[21] 2,441,802**  
[13] A1

[51] Int.Cl. 7B41N 1/14  
[25] EN  
[54] THERMOSENSITIVE PLATE MATERIAL FOR LITHOGRAPHIC PLATE FORMATION, PROCESS FOR PRODUCING THE SAME, COATING LIQUID, AND LITHOGRAPHIC PLATE  
[54] MATERIAU EN PLAQUE THERMOSENSIBLE DESTINE A LA FORMATION D'UNE PLAQUE LITHOGRAPHIQUE, PROCEDE DE PRODUCTION CORRESPONDANT, FLUIDE DE REVETEMENT, ET PLAQUE LITHOGRAPHIQUE  
[72] HAYASHI, MINORU, JP  
[72] SATO, SEIJI, JP  
[72] IDE, YOUCIROH, JP  
[71] FUJI PHOTO FILM CO., LTD., JP  
[85] 2003-09-25  
[86] 2001-11-22 (JP2001010243)  
[87] 2002-10-03 (2002076758)  
[30] JP (2001-088139) 2001-03-26

**[21] 2,441,803**  
[13] A1

[51] Int.Cl. 7A61B 17/32  
[25] EN  
[54] CIRCUMFERENTIAL RESECTING REAMER TOOL  
[54] OUTIL D'ALESAGE A RESECTION CIRCONFERENTIELLE  
[72] BJORK, TOD, US  
[72] PETERSON, FRANCIS, US  
[71] SPINEOLOGY, INC., US  
[85] 2003-09-22  
[86] 2002-04-03 (US2002010717)  
[87] 2002-12-05 (2002096306)  
[30] US (09/827,202) 2001-04-05

**[21] 2,441,805**  
[13] A1

[51] Int.Cl. 7C08K 3/18 7C08L 27/00  
7C08K 13/02 7C08K 5/17 7C08K 3/24  
7C08K 5/3492  
[25] EN  
[54] STABILISER COMBINATION FOR HALOGENATED POLYMERS AND THE USE THEREOF  
[54] COMBINAISON DE STABILISANTS POUR DES POLYMERES HALOGENES ET SON UTILISATION  
[72] FOKKEN, STEFAN, DE  
[72] REITH, WALTHER, DE  
[71] BAERLOCHER GMBH, DE  
[85] 2003-09-22  
[86] 2002-04-02 (EP2002003638)  
[87] 2002-12-12 (2002098964)  
[30] DE (101 18 179.5) 2001-04-11

**[21] 2,441,806**  
[13] A1

[51] Int.Cl. 7A61K 31/52 7A61P 37/00  
7A61K 31/522 7A61K 31/66 7A61K 31/708  
[25] EN  
[54] INOSINE COMPOUNDS AND THEIR USE FOR TREATING OR PREVENTING AN INFLAMMATION OR A REPERFUSION DISEASE  
[54] COMPOSES D'INOSINE ET LEURS UTILISATIONS POUR LE TRAITEMENT OU LA PREVENTION D'UNE INFLAMMATION OU D'UNE MALADIE DE REPERFUSION  
[72] SZABO, CSABA, US  
[72] SALZMAN, ANDREW, US  
[71] INOTEK PHARMACEUTICALS CORPORATION, US  
[85] 2003-09-25  
[86] 2002-03-26 (US2002009335)  
[87] 2002-10-03 (2002076400)  
[30] US (09/817,829) 2001-03-26

**[21] 2,441,809**  
[13] A1

[51] Int.Cl. 7C07K 14/47 7A61K 39/015  
7C07K 14/02 7A61K 39/04 7C07K 7/04  
7A61K 9/127 7A61K 38/17 7A61K 39/29  
7C07K 14/35 7A61K 47/44 7C07K 14/445  
7C07K 14/82  
[25] EN  
[54] VACCINE FOR MODULATING BETWEEN T1 AND T2 IMMUNE RESPONSES  
[54] VACCIN ASSURANT LA MODULATION ENTRE DES REPONSES IMMUNITAIRES T1 ET T2  
[72] BUDZYNSKI, WLADYSLAW A., CA  
[72] KOGANTY, R. RAO, CA  
[72] LONGENECKER, MICHAEL B., CA  
[72] KRANTZ, MARK J., CA  
[71] BIOMIRA, INC., CA  
[85] 2003-09-25  
[86] 2002-03-27 (IB2002002188)  
[87] 2002-10-03 (2002076485)  
[30] US (60/278,698) 2001-03-27

**[21] 2,441,810**  
[13] A1

[51] Int.Cl. 7G06F 17/00  
[25] EN  
[54] SYSTEM FOR RANKING FINANCIAL UNDERWRITERS  
[54] SYSTEME DE CLASSEMENT DE COURTIERS DE VALEURS  
[72] HENLEY, CHRISTOPHER, M., CA  
[71] HENLEY, CHRISTOPHER, M., CA  
[85] 2003-09-19  
[86] 2001-03-21 (CA2001000359)  
[87] 2001-09-27 (2001071526)  
[30] US (09/531,516) 2000-03-21

**[21] 2,441,816**  
[13] A1

[51] Int.Cl. 7F16L 15/04  
[25] EN  
[54] METHOD OF MANUFACTURING THREADED JOINT FOR OIL WELL PIPE  
[54] PROCEDE DE FABRICATION D'UN RACCORD FILETE DESTINE A UN TUYAU DE PUITS DE PETROLE  
[72] MAEDA, JUN, JP  
[71] SUMITOMO METAL INDUSTRIES, LTD., JP  
[71] VALLOUREC MANNESMANN OIL & GAS FRANCE, FR  
[85] 2003-09-19  
[86] 2001-03-19 (JP2001002155)  
[87] 2002-09-26 (2002075195)

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[13] A1

[51] Int.Cl. 7G11B 17/22 7G11B 5/09  
7G11B 7/24 7G11B 3/90  
[25] EN  
[54] APPARATUS AND METHOD FOR DIGITAL CONTENT CONCEALMENT  
[54] APPAREIL ET PROCEDE PERMETTANT DE CACHER UN CONTENU NUMERIQUE  
[72] BABOWICZ, STANLEY, US  
[71] SUNNCOMM, INC., US  
[85] 2003-09-19  
[86] 2002-03-13 (US2002007558)  
[87] 2002-09-26 (2002075735)  
[30] US (60/277,099) 2001-03-19

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[21] 2,441,818  
[13] A1

[51] Int.Cl. 7G06F 15/16  
[25] EN  
[54] USER ALIASES IN A COMMUNICATION SYSTEM  
[54] ALIAS UTILISATEURS DANS UN SYSTEME DE COMMUNICATION  
[72] GALLANT, JOHN K., US  
[71] WORLDCOM, INC., US  
[85] 2003-09-19  
[86] 2002-03-20 (US2002008458)  
[87] 2002-09-26 (2002075572)  
[30] US (60/276,923) 2001-03-20  
[30] US (60/276,953) 2001-03-20  
[30] US (60/276,954) 2001-03-20  
[30] US (60/276,955) 2001-03-20  
[30] US (10/101,389) 2002-03-16

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[21] 2,441,819  
[13] A1

[51] Int.Cl. 7H04N 7/16  
[25] EN  
[54] VIDEO COMBINER  
[54] COMBINAUTEUR DE SIGNAUX VIDEO  
[72] REYNOLDS, STEVEN, US  
[72] LEMMONS, THOMAS, US  
[71] INTELLOCITY USA, INC., US  
[85] 2003-09-19  
[86] 2002-03-20 (US2002008878)  
[87] 2002-09-26 (2002076097)  
[30] US (60/278,669) 2001-03-20

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[21] 2,441,821  
[13] A1

[51] Int.Cl. 7C07F 15/00 7C07C 381/00  
[25] EN  
[54] NEW METHOD FOR THE PREPARATION OF METAL CARBENE COMPLEXES  
[54] NOUVEAU PROCEDE DE PREPARATION DE COMPLEXES METAL-CARBENE  
[72] RYBTCHINSKI, BORIS, IL  
[72] ASHKENAZI, NISSAN, IL  
[72] MILSTEIN, DAVID, IL  
[72] GANDELMAN, MARK, IL  
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL  
[85] 2003-09-25  
[86] 2002-04-15 (IL2002000304)  
[87] 2002-10-24 (2002083698)  
[30] IL (142610) 2001-04-16

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[21] 2,441,823  
[13] A1

[51] Int.Cl. 7F23G 5/027 7C10B 53/00  
7F23G 5/44  
[25] FR  
[54] PROCEDE DE TRAITEMENT DES DECHETS INDUSTRIELS ET/OU MENAGERS ET INSTALLATION DE TRAITEMENT DES DECHETS INDUSTRIELS ET/OU MENAGERS  
[54] INDUSTRIAL AND/OR HOUSEHOLD WASTE TREATMENT METHOD AND AN INDUSTRIAL AND/OR HOUSEHOLD WASTE TREATMENT INSTALLATION  
[72] JEULIN, PATRICK, FR  
[71] JEULIN, PATRICK, FR  
[85] 2003-09-16  
[86] 2002-03-20 (FR2002000978)  
[87] 2002-09-26 (2002075213)  
[30] FR (01/03772) 2001-03-20

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[21] 2,441,824  
[13] A1

[51] Int.Cl. 7A61K 47/18  
[25] FR  
[54] UTILISATION DE LIPOAMINOACIDES COMME PROMOTEURS D'ABSORPTION DANS UNE COMPOSITION PHARMACEUTIQUE  
[54] USE OF LIPOAMINOACIDS AS ABSORPTION PROMOTERS IN A PHARMACEUTICAL COMPOSITION  
[72] CALVET, NICOLAS, FR  
[71] PHYSICA S.A.R.L., FR  
[85] 2003-09-24  
[86] 2002-03-28 (FR2002001101)  
[87] 2002-10-03 (2002076506)  
[30] FR (01/04187) 2001-03-28  
[30] FR (01/07051) 2001-05-30

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[21] 2,441,834  
[13] A1

[51] Int.Cl. 7A61K 31/00  
[25] EN  
[54] LIPID PROFILE MODULATION  
[54] MODULATION D'UN PROFILE LIPIDIQUE  
[72] SECKL, JONATHAN ROBERT, GB  
[72] MORTON, NICHOLAS MICHAEL, GB  
[72] WALKER, BRIAN ROBERT, GB  
[72] ANDREW, RUTH, GB  
[71] THE UNIVERSITY OF EDINBURGH, GB  
[85] 2003-09-19  
[86] 2002-03-25 (GB2002001457)  
[87] 2002-10-03 (2002076435)  
[30] GB (0107383.2) 2001-03-23

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**[21] 2,441,836**  
[13] A1

[51] Int.Cl. 7C07C 381/00  
[25] EN  
[54] NEW DIAMINEDITHIOL DERIVATIVES AND RADIORHENIUM OR RADIOTECHNETIUM COMPLEX THEREOF; A LIVER CANCER-TREATING COMPOSITION COMPRISING THE RADIORHENIUM COMPLEX AND LIPIODOL; AND A KITFOR PREPARATION OF THE LIVER CANCER-TREATING COMPOSITION  
[54] NOUVEAUX DERIVES DE DIAMINEDITHIOL ET COMPLEXE RADIORHENIUM OU RADIOTECHNETICUM DESDITS DERIVES; COMPOSITION POUR TRAITER LE CANCER DU FOIE COM PRENANT LE COMPLEXE RADIORHENIUM ETDU LIPIODOL; ET KIT DE PREPARATION DE LADITE COMPOSITION POUR TRAITER LE CANCER DU FOIE  
[72] JEONG, JAE MIN, KR  
[72] LEE, YUN-SANG, KR  
[72] KIM, YOUNG JU, KR  
[72] LEE, MYUNG CHUL, KR  
[72] LEE, DONG SOO, KR  
[72] CHUNG, JUNE-KEY, KR  
[71] SEOUL NATIONAL UNIVERSITY HOSPITAL, KR  
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[86] 2002-03-08 (KR2002000404)  
[87] 2002-09-26 (2002074736)  
[30] KR (2001/13987) 2001-03-19

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**[21] 2,441,838**  
[13] A1

[51] Int.Cl. 7C07D 453/06 7A61P 3/10  
7A61K 31/439  
[25] EN  
[54] ISOQUINUCLIDINE DERIVATIVE, PROCESS FOR PRODUCING THE SAME, AND MEDICINAL COMPOSITION CONTAINING THE SAME  
[54] DERIVES D'ISOQUINUCLIDINE, METHODE DE PRODUCTION ET COMPOSITION MEDICINALE CONTENANT CES DERIVES  
[72] KOBAYASHI, YOSHINORI, JP  
[72] TOMIYAMA, HIROSHI, JP  
[72] NODA, ATSUSHI, JP  
[71] KOTOBUKI PHARMACEUTICAL CO., LTD., JP  
[85] 2003-09-24  
[86] 2002-03-25 (JP2002002847)  
[87] 2002-10-03 (2002076981)  
[30] JP (2001-88653) 2001-03-26

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[13] A1

[51] Int.Cl. 7C21C 7/06 7C21C 7/064  
7C21C 7/076  
[25] EN  
[54] LADLE REFINING OF STEEL  
[54] AFFINAGE EN POCHE DE COULEE D'ACIER  
[72] MAHAPATRA, RAMA BALLAV, US  
[72] GROSS, CLAY A., US  
[72] BLEJDE, WALTER, US  
[72] WIGMAN, STEVEN LEONARD, US  
[71] NUCOR CORPORATION, US  
[85] 2003-09-19  
[86] 2002-04-02 (AU2002000425)  
[87] 2002-10-10 (2002079522)  
[30] US (60/280,916) 2001-04-02

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**[21] 2,441,848**  
[13] A1

[51] Int.Cl. 7B41F 13/40 7B41F 13/34  
7B41F 31/36  
[25] EN  
[54] DEVICES FOR ADJUSTING THE CONTACT PRESSURE OF AN ADJUSTABLY MOUNTED CYLINDER  
[54] DISPOSITIFS DE REGLAGE D'UNE PRESSION D'IMPRESSION D'UN ROUEAU MONTE DE FACON REGLABLE  
[72] REDER, WOLFGANG OTTO, DE  
[72] SCHNEIDER, GEORG, DE  
[72] FAIST, BERND KLAUS, DE  
[71] KOENIG & BAUER AKTIENGESELLSCHAFT, DE  
[85] 2003-09-22  
[86] 2002-01-19 (DE2002000167)  
[87] 2002-09-26 (2002074542)  
[30] DE (101 13 313.8) 2001-03-20

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**[21] 2,441,851**  
[13] A1

[51] Int.Cl. 7A23F 5/46 7A23G 1/00 7A23L 1/22 7A23L 1/234 7A23F 5/24 7A23L 3/34 7A23L 3/3526 7A23L 3/3535 7A23F 3/40  
[25] EN  
[54] STABILIZED AROMA-PROVIDING COMPONENTS AND FOODSTUFFS CONTAINING SAME  
[54] COMPOSANTS AROMATISANTS STABILISES ET PRODUITS ALIMENTAIRES RENFERMANT CES COMPOSANTS  
[72] ZHENG, YING, US  
[72] CHENG, PU-SHENG, US  
[72] MILO, CHRISTIAN, CH  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2003-09-22  
[86] 2002-03-13 (EP2002003026)  
[87] 2002-10-03 (2002076237)  
[30] US (60/278,506) 2001-03-23

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**[21] 2,441,852**  
[13] A1

[51] Int.Cl. 7C09C 1/36  
[25] EN  
[54] TITANIUM DIOXIDE PIGMENT COMPOSITION  
[54] COMPOSITION DE PIGMENTS AU DIOXYDE DE TITANE  
[72] BENDER, JUERGEN, DE  
[72] SCHMITT, VOLKER, DE  
[72] VIELHABER-KIRSCH, BRIGITTE, DE  
[72] BLUEMEL, SIEGFRIED, DE  
[71] KRONOS TITAN GMBH & CO. OHG, DE  
[85] 2003-09-19  
[86] 2002-03-12 (DE2002000863)  
[87] 2002-10-03 (2002077107)  
[30] DE (101 15 544.1) 2001-03-28

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[13] A1

[51] Int.Cl. 7A61B 5/04 7A61B 5/0428  
[25] EN  
[54] RECORDING OF SIGNALS OF BIOLOGICAL ORIGIN  
[54] ENSEMBLE ET PROCEDE D'ACQUISITION DE SIGNAUX D'ORIGINE BIOLOGIQUE  
[72] SCHELLHORN, KLAUS, DE  
[72] BERKES, SEBASTIAN, DE  
[72] HENNING, GUNTER, DE  
[72] HUSAR, PETER, DE  
[72] SCHLEGELMILCH, FALK, DE  
[72] IVANOVA, GALINA, DE  
[71] ELDITH GMBH, DE  
[85] 2003-09-22  
[86] 2002-04-04 (DE2002001320)  
[87] 2002-10-17 (2002080768)  
[30] DE (101 17 155.2) 2001-04-05  
[30] DE (102 14 459.1) 2002-03-30

[21] **2,441,857**  
[13] A1

[51] Int.Cl. 7A61B 5/00 7A61C 17/20  
[25] EN  
[54] SYSTEM AND METHOD FOR DETECTION AND REMOVAL OF DENTAL TARTAR  
[54] SYSTEME ET PROCEDE DE DETECTION ET DE RETRAIT DE TARTRE DENTAIRE  
[72] AYOTTE, FRANCOIS, CA  
[72] MONTINI, EMMANUEL, CA  
[72] KARAZIVAN, NAIM, CA  
[71] NEKS TECHNOLOGIES INC., CA  
[85] 2003-09-17  
[86] 2002-03-21 (CA2002000409)  
[87] 2002-09-26 (2002074160)  
[30] CA (2,341,105) 2001-03-21

[21] **2,441,858**  
[13] A1

[51] Int.Cl. 7C07D 261/04 7C07D 413/10  
7C07D 413/14 7A61K 31/42 7A61K 31/44  
7A61K 31/445 7A01N 43/80  
[25] EN  
[54] ARYLISOXAZOLINE DERIVATIVES, PROCESSES FOR THEIR PREPARATION AND THEIR USE AS PESTICIDES  
[54] DERIVES D'ARYLISOXAZOLINE, LEURS PROCEDES DE PRODUCTION ET LEUR UTILISATION \_COMME PESTICIDES  
[72] HEMPEL, WALTRAUD, DE  
[72] BRAUN, RALF, DE  
[72] THONESSEN, MARIA-THERESIA, DE  
[72] ECKHARDT, MATTHIAS, DE  
[72] HAACK, KARL-JOSEF, DE  
[72] ORT, OSWALD, DE  
[71] BAYER CROPSCIENCE GMBH, DE  
[85] 2003-09-22  
[86] 2002-03-09 (EP2002002619)  
[87] 2002-10-03 (2002076956)  
[30] DE (101 14 597.7) 2001-03-23

[21] **2,441,861**  
[13] A1

[51] Int.Cl. 7A23F 5/46 7A23L 1/22 7A23L 1/221 7A23L 1/226 7A23L 1/227 7A23L 1/234 7A23F 5/24 7A23L 3/34 7A23L 3/3526 7A23L 3/3535 7A23F 3/40  
[25] EN  
[54] STABILIZATION OF AROMA-PROVIDING COMPONENTS  
[54] STABILISATION DE COMPOSANTS PRODUISANT UN AROME  
[72] CHENG, PU-SHENG, US  
[72] ZHENG, YING, US  
[72] MILO, CHRISTIAN, CH  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2003-09-22  
[86] 2002-03-13 (EP2002002866)  
[87] 2002-10-03 (2002076239)  
[30] US (60/278,506) 2001-03-23

[21] **2,441,864**  
[13] A1

[51] Int.Cl. 7A47F 1/12 7A47F 5/11  
[25] EN  
[54] CONTAINER FOR HOLDING AND DISPENSING PRODUCT  
[54] CONTENANT PERMETTANT DE LOGER ET DE DISTRIBUER UN PRODUIT  
[72] THOMPSON, WILLIAM EUGENE, US  
[72] BENNETT, HAROLD, US  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2003-09-22  
[86] 2002-03-19 (EP2002003171)  
[87] 2002-10-31 (2002085166)  
[30] US (60/278,499) 2001-03-23

[21] **2,441,860**  
[13] A1

[51] Int.Cl. 7A61K 7/16 7A61C 19/00  
[25] EN  
[54] SYSTEMS FOR DELIVERING A COSMETIC AND/OR THERAPEUTIC ACTIVE TO ORAL SURFACES  
[54] SYSTEMES D'ADMINISTRATION DE PRINCIPE ACTIF COSMETIQUE ET/OU THERAPEUTIQUE DANS LA CAVITE BUCCALE, AU MOYEN D'UN VECTEUR INTEGRÉ  
[72] MAYER, CHRISTOPHER ROBERT, US  
[72] HA, THINH NGUYEN, US  
[72] GLANDORF, WILLIAM MICHAEL, US  
[72] ERNST, LISA CATRON, US  
[72] CASE, ANN MARIA, US  
[72] RAJAIAH, JAYANTH, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2003-09-18  
[86] 2002-03-15 (US2002008139)  
[87] 2002-09-26 (2002074275)  
[30] US (60/276,977) 2001-03-19

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[13] A1

[51] Int.Cl. 7A61K 7/16  
 [25] EN  
**[54] ORAL CARE KITS AND COMPOSITIONS**  
**[54] KITS ET COMPOSITIONS POUR SOINS BUCCO-DENTAIRES**  
 [72] ERNST, LISA CATRON, US  
 [72] MAYER, CHRISTOPHER ROBERT, US  
 [72] HA, THINH NGUYEN, US  
 [72] GLANDORF, WILLIAM MICHAEL, US  
 [72] CASE, ANN MARIA, US  
 [72] RAJAIAH, JAYANTH, US  
 [71] THE PROCTER & GAMBLE COMPANY, US  
 [85] 2003-09-18  
 [86] 2002-03-15 (US2002008136)  
 [87] 2002-09-26 (2002074274)  
 [30] US (60/276,978) 2001-03-19  
 [30] US (60/276,979) 2001-03-19

**[21] 2,441,867**  
[13] A1

[51] Int.Cl. 7G01J 3/00  
 [25] EN  
**[54] DEVICE FOR THE SIMULTANEOUS DETECTION OF RADIATION OF DIFFERENT WAVELENGTH**  
**[54] DISPOSITIF DE DETECTION SIMultanEE DE RAYONNEMENTS DE LONGUEURS D'ONDES DIFFERENTES**  
 [72] HABERSTROH, KLAUS, DE  
 [71] ESE EMBEDDED SYSTEM ENGINEERING GMBH, DE  
 [85] 2003-09-22  
 [86] 2002-03-21 (EP2002003182)  
 [87] 2002-10-10 (2002079738)  
 [30] DE (101 14 748.1) 2001-03-22

**[21] 2,441,868**  
[13] A1

[51] Int.Cl. 7A61N 1/30 7A61N 1/39  
 [25] EN  
**[54] CLOSED LOOP DRUG DELIVERY SYSTEM AND REMOTE MANAGEMENT THEREOF**  
**[54] SYSTEME D'ADMINISTRATION DE MEDICAMENTS EN BOUCLE FERMEE ET GESTION A DISTANCE**  
**DUDIT SYSTEME**  
 [72] THOMPSON, DAVID L., US  
 [71] MEDTRONIC, INC., US  
 [85] 2003-09-18  
 [86] 2002-03-13 (US2002008224)  
 [87] 2002-09-26 (2002074386)  
 [30] US (09/811,685) 2001-03-19

**[21] 2,441,875**  
[13] A1

[51] Int.Cl. 7E04G 1/26  
 [25] EN  
**[54] DEVICE FOR HUMAN PROTECTION IN SCAFFOLDING**  
**[54] DISPOSITIF DE PROTECTION DE PERSONNES SUR UN ECHAFAUDAGE**  
 [72] WALLTHER, HARRY, SE  
 [71] PLUS EIGHT SAFETY AB, SE  
 [85] 2003-09-25  
 [86] 2002-02-13 (SE2002000240)  
 [87] 2002-10-03 (2002077392)  
 [30] SE (0101069-3) 2001-03-27

**[21] 2,441,879**  
[13] A1

[51] Int.Cl. 7G01N 25/00  
 [25] EN  
**[54] SENSOR PROBE FOR MEASURING TEMPERATURE AND LIQUID VOLUMETRIC FRACTION OF A LIQUID DROPLET LADE HOT GAS AND METHOD OF USING SAME**  
**[54] SONDE CAPTANT LA TEMPERATURE ET LA FRACTION VOLUMETRIQUE LIQUIDE DE GAZ CHAUD CHARGE DE GOUTTELETTES DE LIQUIDE, ET PROCEDE D'UTILISATION**  
 [72] RUFFINO, PAOLO, CH  
 [72] DI MARZO, MARINO, US  
 [71] UNIVERSITY OF MARYLAND, US  
 [85] 2003-09-22  
 [86] 2002-03-22 (US2002008661)  
 [87] 2002-10-03 (2002077625)  
 [30] US (60/277,772) 2001-03-22

**[21] 2,441,871**  
[13] A1

[51] Int.Cl. 7A61B 17/22 7A61M 1/00  
 [25] EN  
**[54] MICRO-INVASIVE NUCLEOTOMY DEVICE AND METHOD**  
**[54] METHODE ET DISPOSITIF DE NUCLEOTOMIE MICRO-INVASIF**  
 [72] PFLUEGER, D. RUSSELL, US  
 [71] STRYKER PUERTO RICO LIMITED, US  
 [85] 2003-09-22  
 [86] 2002-03-14 (US2002007899)  
 [87] 2002-10-03 (2002076283)  
 [30] US (60/278,128) 2001-03-23  
 [30] US (60/281,848) 2001-04-05  
 [30] US (60/305,178) 2001-07-13  
 [30] US (60/322,909) 2001-09-17  
 [30] US (60/342,436) 2001-12-21  
 [30] US (10/093,774) 2002-03-08

**[21] 2,441,880**  
[13] A1

[51] Int.Cl. 7A61F 2/44  
 [25] EN  
**[54] RADIALLY EXPANDING INTERBODY SPINAL FUSION IMPLANTS AND INSTRUMENTATION FOR INSERTION THEREOF**  
**[54] IMPLANTS DE FUSION INTERVERTEBRAUX A DILATATION RADIALE ET INSTRUMENTS POUR LEUR INTRODUCTION**  
 [72] MICHELSON, GARY K., US  
 [71] MICHELSON, GARY K., US  
 [85] 2003-09-25  
 [86] 2002-03-26 (US2002006661)  
 [87] 2002-10-03 (2002076335)  
 [30] US (60/279,205) 2001-03-27  
 [30] US (60/281,714) 2001-04-04  
 [30] US (10/105,839) 2002-03-25

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[21] 2,441,884  
[13] A1

[51] Int.Cl. 7C11C 3/04 7C11C 3/10  
[25] EN  
[54] METHOD FOR  
TRANSESTERIFICATION OF FATS  
AND/OR OILS BY MEANS OF  
ALCOHOLYSIS  
[54] PROCEDE DE  
TRANSESTERIFICATION DE  
MATERIE GRASSE ET/OU D'HUILE  
PAR ALCOOLYSE  
[72] PETER, SIEGFRIED, DE  
[72] WEIDNER, ECKHARD, DE  
[71] PETER, SIEGFRIED, DE  
[85] 2003-09-19  
[86] 2002-07-02 (EP2002007311)  
[87] 2003-01-16 (2003004591)  
[30] DE (101 32 842.7) 2001-07-06

[21] 2,441,885  
[13] A1

[51] Int.Cl. 7A61B 17/32  
[25] EN  
[54] SHIELDED SURGICAL SCALPEL  
[54] SCALPEL CHIRURGICAL A  
PROTECTION  
[72] HWANG, CHARLES G., US  
[72] NEWMAN, CRAIG D., US  
[72] FLOWERS, RICHARD A., US  
[72] HOWELL, GLADE H., US  
[72] COHN, SIMON, US  
[71] BECTON, DICKINSON AND  
COMPANY, US  
[85] 2003-09-25  
[86] 2002-03-12 (US2002007323)  
[87] 2002-10-10 (2002078550)  
[30] US (09/820,571) 2001-03-29

[21] 2,441,888  
[13] A1

[51] Int.Cl. 7A61L 27/38 7A61F 2/28  
7A61L 27/58  
[25] EN  
[54] XENOGRAFT BONE MATRIX FOR  
ORTHOPEDIC APPLICATIONS  
[54] MATRICE OSSEUSE DE  
XENOGREFFE DESTINEE A DES  
APPLICATIONS ORTHOPEDIQUES  
[72] STONE, KEVIN R., US  
[72] TUREK, THOMAS J., US  
[71] CROSSCART, INC., US  
[85] 2003-09-23  
[86] 2002-03-22 (US2002008618)  
[87] 2002-10-03 (2002076337)  
[30] US (60/278,192) 2001-03-23  
[30] US (10/103,613) 2002-03-21

[21] 2,441,889  
[13] A1

[51] Int.Cl. 7A61K 38/00  
[25] EN  
[54] METHODS FOR INCREASING  
ANALGESIC POTENCY AND  
ATTENUATING ADVERSE  
EXCITATORY EFFECTS OF  
BIMODALLY-ACTING OPIOID  
AGONISTS BY INHIBITING GM1-  
GANGLIOSIDE  
[54] PROCEDES PERMETTANT  
D'AUGMENTER L'ACTIVITE  
ANALGESIQUE ET D'ATTENUER LES  
EFFETS EXCITATEURS  
INDESIRABLES D'AGONISTES  
OPIOIDES AGISSANT DE FACON  
BIMODALE PAR INHIBITION DU  
GANGLIOSIDE GM1  
[72] CRAIN, STANLEY M., US  
[72] SHEN, KE-FEI, US  
[71] ALBERT EINSTEIN COLLEGE OF  
MEDECINE OF YESHIVA UNIVERSITY,  
US

[85] 2003-09-23  
[86] 2002-03-19 (US2002008472)  
[87] 2002-10-03 (2002076388)  
[30] US (60/278,529) 2001-03-23

[21] 2,441,890  
[13] A1

[51] Int.Cl. 7A61K 31/565 7A61P 3/06  
7A61P 3/08 7A61P 3/10 7A61K 31/215  
[25] EN  
[54] OESTROGEN AND FATTY ACID  
MONOESTER AS A HYPOLIPIDAEMIC  
AND ANTIDIABETIC AGENT  
[54] MONOESTER D'ACIDE GRAS ET  
D'OESTROGENE UTILISE COMME  
AGENT ANTIDIABETIQUE ET  
HYPOLIPEMIANT

[72] REMESAR BETLLOCH, FRANCISCO  
JAVIER, ES  
[72] ALEMANY LAMANA, MARIANO,  
ES  
[72] FERNANDEZ LOPEZ, JOSE  
ANTONIO, ES  
[71] OLEOYL-ESTRONE  
DEVELOPMENTS, S.L., ES  
[85] 2003-09-19  
[86] 2002-03-25 (ES2002000151)  
[87] 2002-10-03 (2002076465)  
[30] ES (P 200100785) 2001-03-28

[21] 2,441,892  
[13] A1

[51] Int.Cl. 7A61L 17/10 7D01F 6/04  
7D01D 1/06  
[25] EN  
[54] POLYOLEFIN SUTURES HAVING  
IMPROVED PROCESSING AND  
HANDLING CHARACTERISTICS  
[54] SUTURES EN POLYOLEFINE A  
CARACTERISTIQUES DE  
TRAITEMENT AMELIOREES  
[72] STEVENSON, RICHARD, US  
[72] KENNEDY, JOHN, US  
[72] ROBY, MARK, US  
[71] TYCO HEALTHCARE GROUP LP, US  
[85] 2003-09-25  
[86] 2002-03-20 (US2002008861)  
[87] 2002-10-03 (2002076521)  
[30] US (60/278,686) 2001-03-26

[21] 2,441,893  
[13] A1

[51] Int.Cl. 7A61K 31/66 7A61K 31/70  
[25] EN  
[54] METHOD OF ATTENUATING  
REACTIONS TO SKIN IRRITANTS  
[54] METHODE PERMETTANT  
D'ATTENUER LES REACTIONS A DES  
IRRITANTS CUTANES  
[72] WILSON, S. BRIAN, US  
[72] DRANOFF, GLENN, US  
[72] GILLESSEN, SILKE, CH  
[71] DANA-FARBER CANCER  
INSTITUTE, INC., US  
[85] 2003-09-23  
[86] 2002-03-26 (US2002009378)  
[87] 2002-10-03 (2002076401)  
[30] US (60/278,837) 2001-03-26

[21] 2,441,897  
[13] A1

[51] Int.Cl. 7H01J 49/40 7G01N 27/64  
[25] EN  
[54] CORONA IONISATION SOURCE  
[54] SOURCE D'IONISATION PAR  
EFFET COURONNE  
[72] ROSS, STUART KEITH, GB  
[72] BELL, ANDREW JOHN, GB  
[71] THE SECRETARY OF STATE FOR  
DEFENSE, GB  
[85] 2003-09-22  
[86] 2002-03-21 (GB2002001357)  
[87] 2002-10-03 (2002078047)  
[30] GB (0107311.3) 2001-03-23

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[13] A1

[51] Int.Cl. 7G11C 7/10 7G11C 16/08  
7G11C 7/20  
[25] EN  
[54] INDEPENDENT ASYNCHRONOUS BOOT BLOCK FOR SYNCHRONOUS NON-VOLATILE MEMORY DEVICES  
[54] BLOC D'AMORCAGE ASYNCHRONE INDEPENDANT POUR DISPOSITIFS A MEMOIRE REMANENTE SYNCRUNE  
[72] HUI, EDWARD S., US  
[72] FRANKLIN, DIRK R., US  
[71] ATMEL CORPORATION, US  
[85] 2003-09-22  
[86] 2001-12-19 (US2001049013)  
[87] 2002-10-03 (2002078008)  
[30] US (09/816,801) 2001-03-23

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[13] A1

[51] Int.Cl. 7G02B 6/44  
[25] EN  
[54] OPTICAL FIBRE ORGANISER  
[54] PLATINE D'ASSEMBLAGE DE FIBRES OPTIQUES  
[72] LEEMAN, SAM, BE  
[72] DEROOST, DIRK, BE  
[72] VASTMANS, KRISTOF, BE  
[71] TYCO ELECTRONICS RAYCHEM NV, BE  
[85] 2003-09-22  
[86] 2002-03-21 (GB2002001374)  
[87] 2002-10-17 (2002082152)  
[30] GB (0108255.1) 2001-04-02

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**[21] 2,441,901**  
[13] A1

[51] Int.Cl. 7C08G 63/78 7C08F 8/00  
7C08L 71/10  
[25] EN  
[54] LOW DIELECTRIC CONSTANT MATERIALS AND METHODS OF PREPARATION THEREOF  
[54] MATIERES A FAIBLE CONSTANTE DIELECTRIQUE ET LEURS PROCEDES DE PREPARATION  
[72] LEUNG, ROGER, US  
[72] NALEWAJEK, DAVID, US  
[72] KOROLEV, BORIS, US  
[72] LIU, FENG QUAN, US  
[72] ZHEREBIN, RUSLAN, US  
[72] LAU, KREISLER, US  
[72] APEN, PAUL, US  
[72] BROUK, EMMA, US  
[71] HONEYWELL INTERNATIONAL INC., US  
[85] 2003-09-19  
[86] 2001-10-18 (US2001032569)  
[87] 2002-10-17 (2002081546)  
[30] US (PCT/US01/11273) 2001-04-06  
[30] US (09/897,936) 2001-07-05  
[30] US (09/902,924) 2001-07-10  
[30] US (PCT/US01/22204) 2001-07-13

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[13] A1

[51] Int.Cl. 7G08B 13/14 7H04L 27/06  
7H04B 1/10 7H04L 5/12 7H04Q 5/22  
[25] EN  
[54] DIGITAL DETECTION FILTERS FOR ELECTRONIC ARTICLE SURVEILLANCE  
[54] FILTRES DE DETECTION NUMERIQUE DESTINES A LA SURVEILLANCE ELECTRONIQUE D'ARTICLES  
[72] FREDERICK, THOMAS J., US  
[71] SENORMATIC ELECTRONICS CORPORATION, US  
[85] 2003-09-24  
[86] 2002-03-22 (US2002008921)  
[87] 2002-10-03 (2002077940)  
[30] US (60/278,805) 2001-03-26

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[13] A1

[51] Int.Cl. 7C12M 1/36  
[25] EN  
[54] TISSUE ARRAY INSTRUMENT  
[54] INSTRUMENT DE CREATION DE JEUX ORDONNES D'ECHANTILLONS DE TISSU BIOLOGIQUE  
[72] LEIGHTON, STEPHEN B., US  
[71] BEECHER INSTRUMENTS, US  
[85] 2003-09-17  
[86] 2002-03-19 (US2002008887)  
[87] 2003-02-06 (2003010280)  
[30] US (09/811,963) 2001-03-19  
[30] US (09/828,829) 2001-04-09

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[13] A1

[51] Int.Cl. 7C07B 61/00 7C07C 231/00  
7C07C 237/22 7C08F 8/32 7C07C 215/34  
[25] EN  
[54] SOLID PHASE SYNTHESIS SUPPORTS AND METHODS  
[54] SUPPORTS ET PROCEDES DE SYNTHESE EN PHASE SOLIDE  
[72] RASMUSSEN, JERALD K., US  
[72] KREPSKI, LARRY R., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2003-09-22  
[86] 2002-02-28 (US2002006367)  
[87] 2002-10-17 (2002081078)  
[30] US (09/827,107) 2001-04-05

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[13] A1

[51] Int.Cl. 7G01V 3/20 7G01V 3/38  
[25] EN  
[54] DETECTING A BOUNDARY IN A FORMATION  
[54] DETECTION D'UNE LIMITE DE FORMATION  
[72] BANNING-GEERTSMA, ERIK JAN, NL  
[71] SHELL CANADA LIMITED, CA  
[85] 2003-09-17  
[86] 2002-03-14 (EP2002003073)  
[87] 2002-09-26 (2002075364)  
[30] EP (01201033.6) 2001-03-20

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[13] A1

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7A61P 25/28 7A61K 31/437  
[25] EN  
[54] (OXO-  
PYRAZOLO[1,5A]PYRIMIDIN-2-  
YL)ALKYL-CARBOXAMIDES  
[54] (OXO-  
PYRAZOLO[1,5A]PYRIMIDIN-2-  
YL)ALKYL-CARBOXAMIDES  
[72] PETERSON, JOHN M., US  
[72] ALBAUGH, PAMELA, US  
[72] LI, GUIYING, US  
[71] NEUROGEN CORPORATION, US  
[85] 2003-09-25  
[86] 2002-03-27 (US2002009339)  
[87] 2002-10-03 (2002076987)  
[30] US (60/279,147) 2001-03-27

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[13] A1

[51] Int.Cl. 7E04C 2/24 7E04B 1/76  
[25] EN  
[54] STRUCTURAL INSULATED  
SHEATHING AND RELATED  
SHEATHING METHODS  
[54] GAINAGE ISOLANT  
STRUCTUREL ET PROCEDES DE  
GAINAGE ASSOCIES  
[72] RUSEK, STANLEY J., JR., US  
[72] DEVALAPURA, RAVI K., US  
[71] OWENS CORNING, US  
[85] 2003-09-17  
[86] 2002-03-27 (US2002009164)  
[87] 2002-10-03 (2002077382)  
[30] US (60/279,162) 2001-03-27

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[21] 2,441,930  
[13] A1

[51] Int.Cl. 7B24D 13/14 7B24D 9/08  
[25] EN  
[54] SANDING DISC FOR SMOOTHING  
DRYWALLS  
[54] DISQUE ABRASIF DESTINE A  
LISSER DES CLOISONS SECHES  
[72] RICH, LARRY D., US  
[72] FITZEL, GALEN A., US  
[71] 3M INNOVATIVE PROPERTIES  
COMPANY, US  
[85] 2003-09-17  
[86] 2002-01-23 (US2002002055)  
[87] 2002-09-26 (2002074494)  
[30] US (09/812,266) 2001-03-19

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[13] A1

[51] Int.Cl. 7G01N 1/42  
[25] EN  
[54] DEVICE FOR PREPARING  
SPECIMENS FOR A CRYO-ELECTRON  
MICROSCOPE  
[54] DISPOSITIF PERMETTANT DE  
PREPARER DES ECHANTILLONS  
DESTINES A UN MICROSCOPE  
CRYOELECTRONIQUE  
[72] NIJPELS, FRANCISCUS JOHANNUS  
THERESIA, NL  
[72] LAEVEN, PAUL FRANS JOZEF, NL  
[72] BOMANS, PAUL HENRI HUBERT,  
BE  
[72] FREDERIK, PETER MICHAEL, NL  
[71] UNIVERSITEIT MAASTRICHT, NL  
[85] 2003-09-22  
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[87] 2002-10-03 (2002077612)  
[30] NL (1017669) 2001-03-22

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[13] A1

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7A61P 11/06 7A61K 31/445 7A61K 31/  
4468 7A61K 31/45 7A61K 31/4523 7A61K  
31/4545 7A61K 31/495 7C07D 211/58  
[25] EN  
[54] NOVEL AMIDES, PREPARATION  
AND THERAPEUTIC USE AS  
MODULATORS OF CCR-RECEPTOR  
ACTIVITY  
[54] NOUVEAUX AMIDES,  
PREPARATION ET UTILISATION  
THERAPEUTIQUE EN TANT QUE  
MODULATEURS DE L'ACTIVITE DU  
RECEPTEUR CCR  
[72] LAWITZ, KAROLINA, SE  
[72] ERIKSSON, TOMAS, SE  
[71] ASTRAZENECA AB, SE  
[85] 2003-09-22  
[86] 2002-03-19 (SE2002000541)  
[87] 2002-10-03 (2002076457)  
[30] SE (0101038-8) 2001-03-23

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[13] A1

[51] Int.Cl. 7G02B 6/34  
[25] EN  
[54] RECONFIGURABLE OPTICAL  
ADD-DROP MULTIPLEXERS  
[54] MULTIPLEXEURS D'INSERTION-  
EXTRACTION OPTIQUES  
RECONFIGURABLES  
[72] WILDE, JEFFREY, US  
[72] CHEN, TAI, US  
[72] MANSURIPUR, MASUD, US  
[72] BELSER, KARL ARNOLD, US  
[72] GARRETT, MARK H., US  
[72] POLYNKIN, PAVEL G., US  
[71] CAPELLA PHOTONICS, INC., US  
[85] 2003-09-17  
[86] 2002-03-14 (US2002008046)  
[87] 2002-09-26 (2002075410)  
[30] US (60/277,217) 2001-03-19  
[30] US (09/938,426) 2001-08-23  
[30] US (10/005,714) 2001-11-07  
[30] US (10/060,493) 2002-01-29  
[30] US (10/076,145) 2002-02-14

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[13] A1

[51] Int.Cl. 7A61F 13/53  
[25] EN  
[54] A PANTY LINER  
[54] SERVIETTE HYGIENIQUE  
[72] PERSSON, CHARLOTTE, SE  
[72] WIEZELL, BRITT-MARIE, SE  
[71] SCA HYGIENE PRODUCTS AB, SE  
[85] 2003-09-22  
[86] 2002-03-22 (SE2002000574)  
[87] 2002-10-03 (2002076363)  
[30] SE (0101033-9) 2001-03-23

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[13] A1

[51] Int.Cl. 7B25G 1/10  
[25] EN  
[54] ERGONOMIC HANDLE FOR A  
WRENCH  
[54] POIGNEE ERGONOMIQUE POUR  
UNE CLE  
[72] SCHIFF, DAVID, US  
[72] WHITEHALL, RICHARD, US  
[72] LAMOND, DONALD R., US  
[71] WKI HOLDING COMPANY, INC., US  
[85] 2003-09-23  
[86] 2002-03-21 (US2002008669)  
[87] 2002-10-03 (2002076682)  
[30] US (09/815,689) 2001-03-23

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[13] A1

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7A61K 7/18 7A61K 7/20 7A61K 7/28  
7A61K 9/28  
[25] EN  
[54] DENTAL FORMULATION  
[54] PREPARATION DENTAIRE  
[72] SHUCH, DAVID J., US  
[72] CURATOLA, GERALD P., US  
[71] C.S. BIOSCIENCE, INC., US  
[85] 2003-09-19  
[86] 2001-03-27 (US2001009754)  
[87] 2002-10-03 (2002076433)

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[13] A1

[51] Int.Cl. 7A61K 31/425 7A61P 35/00  
7C07D 417/12 7C07D 417/14  
[25] EN  
[54] THIAZOLIDINEDIONES ALONE  
OR IN COMBINATION WITH OTHER  
THERAPEUTIC AGENTS FOR  
INHIBITING OR REDUCING TUMOUR  
GROWTH  
[54] THIAZOLIDINEDIONES SEULS  
OU COMBINES AVEC D'AUTRES  
AGENTS THERAPEUTIQUES AFIN  
D'INHIBER OU DE REDUIRE LA  
CROISSANCE TUMORALE  
[72] BAUER, SABINE, DE  
[72] MEYER, MARKUS, DE  
[72] SCHNITZER, TOBIAS, DE  
[72] SCHUELL, CHRISTINE, DE  
[72] WOLFF, HANS-PETER, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2003-09-19  
[86] 2002-04-04 (EP2002003746)  
[87] 2002-10-17 (2002080913)  
[30] EP (01107820.1) 2001-04-06

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[21] 2,441,942  
[13] A1

[51] Int.Cl. 7B01D 67/00 7B01D 69/02  
7B01D 69/08 7B01D 71/34  
[25] EN  
[54] HYDROPHILIC HOLLOW FIBER  
ULTRAFILTRATION MEMBRANES  
THAT INCLUDE A HYDROPHOBIC  
POLYMER AND A METHOD OF  
MAKING THESE MEMBRANES  
[54] MEMBRANES  
D'ULTRAFILTRATION A FIBRES  
CREUSES HYDROPHILES  
COMPRENANT UN POLYMER  
HYDROPHOBE ET PROCEDE DE  
PRODUCTION DE CES MEMBRANES  
[72] JI, JIANG, US  
[72] DICECCA, CANDELORO, US  
[72] MEHTA, MAHESH J., US  
[71] KOCH MEMBRANE SYSTEMS, INC.,  
US  
[85] 2003-09-22  
[86] 2001-10-18 (US2001032327)  
[87] 2002-10-03 (2002076593)  
[30] US (09/817,889) 2001-03-26

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[13] A1

[51] Int.Cl. 7H04B 10/18 7G02B 6/293  
[25] EN  
[54] POLARIZATION MODE  
DISPERSION COMPENSATION IN  
OPTICAL TRANSMISSION MEDIA  
[54] CORRECTION DE LA DISPERSION  
DE POLARISATION DE MODE DANS  
DES SUPPORTS DE TRANSMISSION  
OPTIQUES  
[72] MENIKOFF, ARTHUR, US  
[72] WEIN, STEVEN J., US  
[72] TARGOVE, JAMES D., US  
[71] TERAPULSE, INC., US  
[85] 2003-09-19  
[86] 2002-03-19 (US2002008399)  
[87] 2002-10-10 (2002080411)  
[30] US (60/276,982) 2001-03-19

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[21] 2,441,944  
[13] A1

[51] Int.Cl. 7B62K 13/00  
[25] EN  
[54] AUTOMATIC BICYCLE  
STEERING LOCK  
[54] SERRURE DE BLOCAGE  
AUTOMATIQUE POUR BICYCLETTE  
[72] SCOTT, NELSON EDWARD, US  
[71] SCOTT, NELSON EDWARD, US  
[85] 2003-09-23  
[86] 2002-03-19 (US2002008738)  
[87] 2002-10-03 (2002076814)  
[30] US (60/278,878) 2001-03-26

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[13] A1

[51] Int.Cl. 7D21G 3/00  
[25] EN  
[54] REMOVABLE DOCTOR BLADE  
HOLDER  
[54] SUPPORT DE RACLE AMOVIBLE  
[72] BRAUNS, ALLEN J., US  
[72] GOODNOW, RONALD F., US  
[72] REID, ROBERT A., US  
[71] KADANT WEB SYSTEMS INC., US  
[85] 2003-09-17  
[86] 2002-04-09 (US2002010955)  
[87] 2002-10-31 (2002086236)  
[30] US (09/841,406) 2001-04-24

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[13] A1

[51] Int.Cl. 7B29C 33/26 7A61M 29/00  
7B29C 33/42  
[25] EN  
[54] BALLOON FOLDING  
TECHNOLOGY  
[54] TECHNOLOGIE DE PLIAGE D'UN  
BALLONET  
[72] KASPRZYK, DANIEL J., US  
[72] MOTSENBOCKER, TOM, US  
[72] GOFF, EDWARD, US  
[71] MACHINE SOLUTIONS, INC., US  
[85] 2003-09-25  
[86] 2002-03-26 (US2002009560)  
[87] 2002-10-03 (2002076700)  
[30] US (60/278,817) 2001-03-26

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[13] A1

[51] Int.Cl. 7A61K 39/12 7A61K 38/04  
7A61K 35/14 7A61P 31/20 7A61K 39/385  
7G01N 33/569  
[25] EN  
[54] HUMAN PAPILLOMA VIRUS  
IMMUNOREACTIVE PEPTIDES  
[54] PEPTIDES IMMUNOREACTIFS DU  
PAPILLOMAVIRUS HUMAIN  
[72] KHLEIF, SAMIR N., US  
[72] BERZOFSKY, JAY A., US  
[71] THE GOVERNMENT OF THE  
UNITED STATES OF AMERICA,  
REPRESENTED BY THE SECRETARY,  
DEPARTMENT OF HEALTH AND  
HUMAN SERVICES, US  
[85] 2003-09-23  
[86] 2002-03-22 (US2002009261)  
[87] 2002-10-03 (2002077012)  
[30] US (60/278,520) 2001-03-23

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[13] A1

[51] Int.Cl. 7C09D 167/00 7C09D 7/12  
7B32B 27/36  
[25] EN  
[54] RESIN COMPOSITION FOR PAINT  
[54] COMPOSITION DE RESINE POUR  
PEINTURE  
[72] NAITOH, SHIGEKI, JP  
[72] FUJITA, MAHITO, JP  
[71] SUMITOMO CHEMICAL COMPANY,  
LIMITED, JP  
[85] 2003-09-23  
[86] 2002-03-25 (JP2002002820)  
[87] 2002-10-03 (2002077113)  
[30] JP (2001-89624) 2001-03-27

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**[21] 2,441,956**  
[13] A1

[51] Int.Cl. 7A23L 1/40 7A23P 1/02  
[25] EN  
[54] MULTI-INGREDIENT STOCK  
CUBE FOR PREPARATION OF LIQUID  
FOODS OR FOOD COMPONENTS  
[54] BOUILLON CUBE A PLUSIEURS  
CONSTITUANTS POUR LA  
PREPARATION D'ALIMENTS OU  
D'INGREDIENTS LIQUIDES  
[72] LENOBLE, HENRI-PIERRE, CH  
[71] SOCIETE DES PRODUITS NESTLE  
S.A., CH  
[85] 2003-09-23  
[86] 2002-02-08 (EP2002001346)  
[87] 2002-09-12 (2002069742)  
[30] DE (201 03 914.1) 2001-03-06

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**[21] 2,441,957**  
[13] A1

[51] Int.Cl. 7F04D 19/04  
[25] EN  
[54] TURBOMOLECULAR PUMP  
[54] POMPE TURBOMOLECULAIRE  
[72] ODENDAHL, HEINZ-DIETER, DE  
[72] BLUMENTHAL, ROLAND, DE  
[72] BOHRY, DIETER, DE  
[71] LEYBOLD VAKUUM GMBH, DE  
[85] 2003-09-23  
[86] 2002-03-15 (EP2002002884)  
[87] 2002-10-03 (2002077462)  
[30] DE (101 14 969.7) 2001-03-27

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**[21] 2,441,959**  
[13] A1

[51] Int.Cl. 7B01D 21/24 7B01D 21/26  
[25] EN  
[54] APPARATUS AND METHODS FOR  
COLLECTING AND TRANSFERRING  
SOLIDS SEPARATED FROM  
WASTEWATER  
[54] APPAREIL ET PROCEDES DE  
RECUEIL ET DE TRANSFERT DE  
SOLIDES SEPARES D'EAUX USEES  
[72] WILSON, GEORGE E., US  
[71] WILSON, GEORGE E., US  
[85] 2003-09-22  
[86] 2002-03-08 (US2002007036)  
[87] 2002-10-03 (2002076567)  
[30] US (60/278,078) 2001-03-22

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[13] A1

[51] Int.Cl. 7B01J 20/20  
[25] EN  
[54] ADSORPTION POWDER  
CONTAINING CUPRIC CHLORIDE  
[54] POUDRE D'ADSORPTION  
CONTENANT DU CHLORURE  
CUIVRIQUE  
[72] MAES, RUDY, US  
[72] EL-SHOUBARY, YOUSSEF, US  
[71] MERCK & CO., INC., US  
[85] 2003-09-24  
[86] 2002-03-25 (US2002009252)  
[87] 2002-10-10 (2002078814)  
[30] US (09/820,488) 2001-03-29

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**[21] 2,441,962**  
[13] A1

[51] Int.Cl. 7A61B 5/00  
[25] EN  
[54] SYSTEM FOR MONITORING  
HEALTH, WELLNESS AND FITNESS  
HAVING A METHOD AND APPARATUS  
FOR IMPROVED MEASUREMENT OF  
HEAT FLOW  
[54] SYSTEME DE SURVEILLANCE DE  
LA SANTE, DU BIEN-ETRE ET DE LA  
CONDITION PHYSIQUE  
COMPRENANT UN PROCEDE ET UN  
APPAREIL PERMETTANT  
D'AMELIORER LA MESURE D'UN  
FLUX THERMIQUE  
[72] SICA, VANESSA, US  
[72] ZAREMSKY, MARK, US  
[72] BOEHMKE, SCOTT K., US  
[72] MOSS, JOHN L., US  
[72] KASABACH, CHRISTOPHER D., US  
[72] STIVORIC, JOHN M., US  
[71] BODYMEDIA, INC., US  
[85] 2003-09-22  
[86] 2002-03-28 (US2002009972)  
[87] 2002-10-10 (2002078538)  
[30] US (09/822,890) 2001-03-30

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[13] A1

[51] Int.Cl. 7A61K 31/46 7A61P 11/00  
7A61K 45/06 7A61K 9/12 7A61K 31/439  
7A61K 31/513 7A61K 9/72  
[25] EN  
[54] NEW PHARMACEUTICAL  
COMPOSITIONS BASED ON  
ANTICHOLINERGICS AND  
ENDOTHELIN ANTAGONISTS  
[54] NOUVELLES COMPOSITIONS  
PHARMACEUTIQUES A BASE  
D'ANTICHOLINERGIQUES ET  
D'ANTAGONISTES DE  
L'ENDOTHELIN  
[72] PIEPER, MICHAEL PAUL, DE  
[72] PAIRET, MICHEL, DE  
[72] MEADE, CHRISTOPHER JOHN  
MONTAGUE, DE  
[71] BOEHRINGER INGELHEIM  
PHARMA GMBH & CO. KG, DE  
[85] 2003-09-17  
[86] 2002-03-07 (EP2002002494)  
[87] 2002-09-26 (2002074034)  
[30] DE (101 13 366.9) 2001-03-20

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[13] A1

[51] Int.Cl. 7H01Q 1/00  
[25] EN  
[54] ELECTRICALLY CONDUCTIVE PATTERNS, ANTENNAS AND METHODS OF MANUFACTURE  
[54] IMPRESSIONS CONDUCTRICES, ANTENNES ET LEURS PROCEDES DE FABRICATION  
[72] LUCH, DANIEL, US  
[71] LUCH, DANIEL, US  
[85] 2003-09-24  
[86] 2002-03-25 (US2002009408)  
[87] 2002-10-03 (2002078122)  
[30] US (09/818,128) 2001-03-26

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**[21] 2,441,966**  
[13] A1

[51] Int.Cl. 7G06F 15/173  
[25] EN  
[54] METHOD AND APPARATUS FOR INTERNET-BASED REMOTE TERMINAL UNITS AND FLOW COMPUTERS  
[54] PROCEDE ET DISPOSITIF POUR UNITES TERMINALES ELOIGNEES CONNECTEES A INTERNET ET ORDINATEURS DE REGULATION D'ECOULEMENT  
[72] VANDERAH, RICHARD J., US  
[72] TOZER, GARNET, CA  
[72] DAY, LESLIE, CA  
[71] DANIEL MEASUREMENT AND CONTROLS, INC., US  
[85] 2003-09-22  
[86] 2002-03-20 (US2002011267)  
[87] 2002-10-17 (2002082302)  
[30] US (06/277,426) 2001-03-20

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**[21] 2,441,967**  
[13] A1

[51] Int.Cl. 7H03K 19/00  
[25] EN  
[54] SYSTEM AND METHOD FOR MULTIPLE-PHASE CLOCK GENERATION  
[54] SYSTEME ET PROCEDE DE GENERATION DE RYTHME A PHASES MULTIPLES  
[72] LEE, YONGMAN, US  
[72] LI, HUNG SUNG, US  
[72] KIM, GYUDONG, US  
[72] LEE, INYEOL, US  
[72] KIM, OOK, US  
[71] SILICON IMAGE, INC., US  
[85] 2003-09-22  
[86] 2002-04-09 (US2002011177)  
[87] 2002-10-17 (2002082652)  
[30] US (60/282,672) 2001-04-09  
[30] US (09/989,645) 2001-11-20

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[13] A1

[51] Int.Cl. 7B66C 23/32  
[25] EN  
[54] TOWER CRANE DEVICE  
[54] DISPOSITIF DE GRUE A TOUR  
[72] SCHIAVONI, MICHAEL J., US  
[72] DAVIS, LARRY, CA  
[72] HOWARD, LARRY, CA  
[71] FEDERATED EQUIPMENT CO. LLC, US  
[85] 2003-09-22  
[86] 2002-03-20 (CA2002000386)  
[87] 2002-09-26 (2002074680)  
[30] US (09/813,413) 2001-03-21

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[13] A1

[51] Int.Cl. 7G06T 17/00  
[25] EN  
[54] DETERMINING A SPATIAL HIERARCHY FOR POLYGONAL DATA BY USING CUBE-ROOT SCALING  
[54] SYSTEME ET PROCEDE PERMETTANT DE DETERMINER UNE HIERARCHIE SPATIALE POUR DES DONNEES POLYGONALES A L'AIDE D'UNE MISE A L'ECHELLE DE RACINE CUBIQUE  
[72] FITCH, MICHELLE, US  
[72] GERSUK, STEPHEN, US  
[72] BROCKWAY, DAN, US  
[72] WEAR, MARK, US  
[72] GUEZIEC, ANDRE, US  
[71] COMPUTER ASSOCIATES THINK, INC., US  
[85] 2003-09-24  
[86] 2002-03-27 (US2002009730)  
[87] 2002-10-03 (2002077921)  
[30] US (60/279,181) 2001-03-27

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[13] A1

[51] Int.Cl. 7B31F 1/07 7B29C 59/04  
[25] EN  
[54] DEVICE FOR THE TREATMENT OF FLAT MATERIALS  
[54] DISPOSITIF DE TRAITEMENT DE MATERIAUX PLATS  
[72] BOEGLI, CHARLES, CH  
[71] BOEGLI-GRAVURES S.A., CH  
[85] 2003-09-25  
[86] 2002-03-13 (CH2002000149)  
[87] 2002-10-03 (2002076716)  
[30] CH (544/01) 2001-03-26

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[13] A1

[51] Int.Cl. 7A61B 5/00  
[25] EN  
[54] NON-INVASIVE PROBE FOR DETECTING MEDICAL CONDITIONS  
[54] SONDE NON INVASIVE DESTINEE A DETECTEUR DES ETATS PATHOLOGIQUES  
[72] SCHNALL, ROBERT P., IL  
[71] ITAMAR MEDICAL LTD., IL  
[85] 2003-09-23  
[86] 2002-03-26 (IL2002000249)  
[87] 2002-10-17 (2002080752)  
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7B32B 1/08 7B32B 27/08 7F16L 11/08  
[25] EN  
[54] TUBULAR POLYMERIC COMPOSITES FOR TUBING AND HOSE CONSTRUCTIONS  
[54] COMPOSITES POLYMERES TUBULAIRES POUR CONSTRUCTIONS DE TUBES ET DE TUYAUX  
[72] BLASKO, DANIEL S., US  
[72] SWAILS, MICHAEL R., US  
[72] FISHER, WILLIAM C., US  
[71] PARKER-HANNIFIN CORPORATION, US  
[85] 2003-09-24  
[86] 2002-03-26 (US2002009689)  
[87] 2002-10-03 (2002076734)  
[30] US (60/278,871) 2001-03-26  
[30] US (60/283,118) 2001-04-11

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[13] A1

[51] Int.Cl. 7B01J 2/30 7A23P 1/06  
[25] EN  
[54] NEW ADDITIVES FOR PREVENTING CAKING OF POWDERED EMULSIFIERS  
[54] NOUVEAUX ADDITIFS EMPÉCHANT L'AGGLUTINATION DES EMULSIFIANTS EN POUDRE  
[72] HEROUFOSSE, FRANCOIS, BE  
[72] VANZEVEREN, EMMANUEL, BE  
[71] PURATOS, NAAMLOZE VENNOOTSCHAP, BE  
[85] 2003-09-23  
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[87] 2002-10-17 (2002081072)  
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[13] A1

[51] Int.Cl. 7C07C 217/08 7H01G 9/038  
7C07D 295/08 7C07F 9/08 7H01M 10/40  
7C07F 9/54  
[25] EN  
[54] IONIC LIQUIDS, ELECTROLYTE SALTS FOR ELECTRICAL STORAGE DEVICES, LIQUID ELECTROLYTES FOR ELECTRICAL STORAGE DEVICES, ELECTRICAL DOUBLE-LAYER CAPACITORS, AND SECONDARY BATTERIES  
[54] LIQUIDES IONIQUES, SELS ELECTROLYTIQUES ET LIQUIDES ELECTROLYTIQUES POUR DISPOSITIFS DE STOCKAGES, CONDENSATEURS ELECTRIQUES A DOUBLE COUCHE ET PILES SECONDAIRES  
[72] NOZU, RYUTARO, JP  
[72] MARUO, TATSUYA, JP  
[72] MASUDA, GEN, JP  
[72] SATO, TAKAYA, JP  
[71] NISSHINBO INDUSTRIES, INC., JP  
[85] 2003-09-25  
[86] 2002-03-25 (JP2002002845)  
[87] 2002-10-03 (2002076924)  
[30] JP (2001-87221) 2001-03-26  
[30] JP (2001-272834) 2001-09-10

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[21] 2,441,982

[13] A1

[51] Int.Cl. 7A61F 5/48 7A61F 2/00 7A61B 17/04  
[25] EN  
[54] IMPLANT INSERTED WITHOUT BONE ANCHORS  
[54] IMPLANT INSERE SANS ANCRAGES OSSEUX  
[72] GOHMAN, JAMES A., US  
[72] LUND, ROBERT E., US  
[72] WATSCHE, BRIAN P., US  
[72] NEISZ, JOHANN J., US  
[72] ANDERSON, KIMBERLY A., US  
[71] AMS RESEARCH CORPORATION, US  
[85] 2003-09-24  
[86] 2002-03-28 (US2002009455)  
[87] 2002-10-10 (2002078571)  
[30] US (60/279,794) 2001-03-29  
[30] US (60/302,929) 2001-07-03  
[30] US (60/307,836) 2001-07-25  
[30] US (60/322,309) 2001-09-14  
[30] US (10/106,086) 2002-03-25

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[13] A1

[51] Int.Cl. 7B01J 19/00 7B01L 3/00  
7C08F 20/02 7G01N 33/543 7C12Q 1/68  
[25] EN  
[54] SUBSTRATES, PREPARATION AND USE  
[54] SUBSTRATS, PREPARATION ET UTILISATION  
[72] TIELEMANS, MICHEL, BE  
[72] LINDEKENS, LUC, BE  
[72] CAPPELLE, STEVEN, BE  
[72] DE BECKER, BENOIT, BE  
[72] REMACLE, JOSE, BE  
[71] UCB, S.A., BE  
[85] 2003-09-24  
[86] 2002-03-20 (EP2002003102)  
[87] 2002-10-10 (2002078835)  
[30] EP (01108134.6) 2001-03-30

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[13] A1

[51] Int.Cl. 7G01N 33/58  
[25] EN  
[54] NO SYNTHASE ASSAY PARTICLES AND METHOD  
[54] PARTICULES DE DOSAGE NO SYNTHETASE ET PROCEDE ASSOCIE  
[72] LOOKER, MICHAEL ROGER, GB  
[72] WILLIAMS, DAVID, GB  
[71] AMERSHAM BIOSCIENCES UK LIMITED, GB  
[85] 2003-09-23  
[86] 2002-03-11 (GB2002001086)  
[87] 2002-10-03 (2002077650)  
[30] GB (0107563.9) 2001-03-27

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[13] A1

[51] Int.Cl. 7C07K 14/50 7A61P 9/00  
7A61P 25/00 7C12Q 1/02 7A61K 38/18  
7G01N 33/53  
[25] EN  
[54] METHODS AND PRODUCTS RELATED TO FGF DIMERIZATION  
[54] PROCEDES ET PRODUITS SE RAPPORTANT A LA DIMERISATION DES FACTEURS DE CROISSANCE DES FIBROBLASTES  
[72] RAMAN, RAHUL, US  
[72] SASISEKHARAN, RAM, US  
[72] SHRIVER, ZACHARY, US  
[72] VENKATARAMAN, GANESH, US  
[72] KWAN, CHIPONG, US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
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[87] 2002-10-03 (2002077199)  
[30] US (60/279,165) 2001-03-27

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[13] A1

[51] Int.Cl. 7A01F 15/07  
[25] EN  
**A COMBINED BALER/BALE WRAPPER**  
[54] PRESSE A BALLES/  
ENRUBANNEUSE COMBINEE  
[72] SHERIDAN, GERARD PATRICK, IE  
[72] O'CONNOR, PATRICK THOMAS, IE  
[72] BIGGINS, JOHN PATRICK, IE  
[72] MCHALE, MARTIN WILLIAM, IE  
[72] HEANEY, JAMES JOHN, IE  
[72] MCHALE, PADRAIC CHRISTOPHER, IE  
[71] WELMOUNT LIMITED, IE  
[85] 2003-09-22  
[86] 2002-03-22 (IE2002000037)  
[87] 2002-10-03 (2002076183)  
[30] IE (S20010286) 2001-03-22  
[30] IE (S20010678) 2001-07-19

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[13] A1

[51] Int.Cl. 7A47C 20/04  
[25] FR  
**LIT MUNI D'UN RELEVE-DOS**  
[54] BED EQUIPPED WITH A BACK ELEVATOR  
[72] GIPPERT, CHRISTIAN, FR  
[72] LE BOEUF, GUEENHAEEL, FR  
[71] HILL-ROM S.A.S., FR  
[85] 2003-09-22  
[86] 2002-03-26 (FR2002001047)  
[87] 2002-10-03 (2002076266)  
[30] FR (01/04163) 2001-03-28

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[21] 2,441,994  
[13] A1

[51] Int.Cl. 7A61L 27/38 7C12N 5/06  
7C12N 5/08 7A61K 35/12 7A61L 27/24  
7A61K 35/32 7C12P 19/34 7A61L 27/58  
[25] EN  
**COMPOSITION AND METHODS FRO THE PRODUCTION OF BIOLOGICAL TISSUES AND TISSUE CONSTRUCTS**  
[54] COMPOSITION ET METHODES DE PRODUCTION DE TISSUS BIOLOGIQUES ET DE CONSTRUCTIONS TISSULAIRES  
[72] MIZUNO, SHUICHI, US  
[72] TARRANT, LAWRENCE J., US  
[72] TOKUNO, TOSHIMASA, JP  
[71] TAKAGO INDUSTRIAL COMPANY, LTD., JP  
[71] HISTOGENICS CORPORATION, US  
[85] 2003-09-04  
[86] 2002-03-22 (US2002009001)  
[87] 2002-10-03 (2002076285)  
[30] US (60/278,534) 2001-03-23  
[30] US (60/352,085) 2002-01-24  
[30] US (10/104,677) 2002-03-22

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[21] 2,441,995  
[13] A1

[51] Int.Cl. 7A21D 2/00  
[25] EN  
**APPARATUS AND METHOD FOR CONTINUOUS REWORK FERMENTATION**  
[54] SYSTEME ET PROCEDE POUR LA FERMENTATION DE PATE DE RECUPERATION EN CONTINU  
[72] GOODMANSON, DAVID A., US  
[71] SHAFFER MANUFACTURING CORP., US  
[85] 2003-09-22  
[86] 2002-03-21 (US2002008573)  
[87] 2002-11-21 (2002091836)  
[30] US (09/815,472) 2001-03-23

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[13] A1

[51] Int.Cl. 7C07D 471/14 7A61P 31/14  
7A61K 31/55  
[25] EN  
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[54] INHIBITEURS NON NUCLEOSIDIQUES DE LA TRANSCRIPTASE INVERSE  
[72] O'MEARA, JEFFREY, CA  
[72] NAUD, JULIE, CA  
[72] DEZIEL, ROBERT, CA  
[72] OGILVIE, WILLIAM W., CA  
[71] BOEHRINGER INGELHEIM (CANADA) LTD., CA  
[85] 2003-09-18  
[86] 2002-03-21 (CA2002000385)  
[87] 2002-10-03 (2002076982)  
[30] US (60/278,044) 2001-03-22

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[21] 2,441,999  
[13] A1

[51] Int.Cl. 7A61F 2/24 7A61F 2/06  
[25] EN  
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[54] VALVULES VEINEUSES A ENDOPROTHESE  
[72] DUERIG, THOMAS W., US  
[72] MELZER, ANDREAS, DE  
[71] CORDIS CORPORATION, US  
[85] 2003-09-18  
[86] 2002-03-20 (US2002008610)  
[87] 2002-10-03 (2002076349)  
[30] US (09/813,586) 2001-03-21

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7B32B 27/12 7B32B 27/18 7B32B 5/20  
7C08J 3/20 7B32B 5/22 7B32B 5/24 7B32B  
5/26 7B32B 5/28 7B65D 35/38 7B32B 27/40  
7B65D 25/40  
[25] EN  
[54] POLYURETHANE IN INTIMATE  
CONTACT WITH FIBROUS MATERIAL  
[54] POLYURETHANE EN CONTACT  
INTIME AVEC DE LA MATIERE  
FIBREUSE  
[72] WHEELER, HUGH III, US  
[72] CRANDAL, CORTLAND, US  
[72] WHEELER, HENRY H., JR., US  
[71] NEVADA SUPPLY CORPORATION,  
US  
[85] 2003-09-22  
[86] 2002-03-14 (US2002007968)  
[87] 2002-10-03 (2002076725)  
[30] US (09/814,552) 2001-03-22

[21] 2,442,003

[13] A1

[51] Int.Cl. 7A61K 31/455 7A61K 39/05  
7A61K 39/104 7A61P 25/28 7A61K 39/395  
[25] EN  
[54] METHODS FOR TREATING  
NEURODEGENERATIVE DISEASES  
INCLUDING ALZHEIMER'S  
[54] METHODES DE TRAITEMENT DE  
MALADIES NEURODEGENERATIVES,  
Y COMPRIS DE LA MALADIE  
D'ALZHEIMER  
[72] GHANBARI, HOSSEIN A., US  
[72] MERRIL, CARL R., US  
[71] THE GOVERNMENT OF THE  
UNITED STATES OF AMERICA, AS  
REPRESENTED BY THE SECRETARY,  
DEPARTMENT OF HEALTH AND  
HUMAN SERVICES, US  
[71] PANACEA PHARMACEUTICALS,  
INC., US  
[85] 2003-09-22  
[86] 2002-03-22 (US2002008619)  
[87] 2002-10-03 (2002076437)  
[30] US (09/816,289) 2001-03-23

[21] 2,442,006

[13] A1

[51] Int.Cl. 7C21C 7/10  
[25] FR  
[54] ENCEINTE DE TRAITEMENT  
SOUS VIDE NOTAMMENT DE  
DECARBURATION D'ACIER  
[54] VACUUM CHAMBER, NOTABLY  
FOR STEEL DECARBURISATION  
[72] LECAS, JEAN-CLAUDE, FR  
[72] CAPELLI, PASCAL, FR  
[72] HAYEZ, PAUL, FR  
[71] USINOR, FR  
[85] 2003-09-18  
[86] 2002-03-21 (FR2002000987)  
[87] 2002-10-03 (2002077298)  
[30] FR (0104073) 2001-03-27

[21] 2,442,012

[13] A1

[51] Int.Cl. 7C07D 401/14 7C07D 215/00  
7C07D 251/00 7C07D 453/02 7C07D 401/  
12 7A61K 31/53  
[25] FR  
[54] DERIVES CHIMIQUES ET LEUR  
APPLICATION COMME AGENT  
ANTITELOMERASE  
[54] CHEMICAL DERIVATIVES AND  
THEIR USE AS ANTI-TELOMERASE  
AGENT  
[72] MERGNY, JEAN-LOUIS, FR  
[72] CAULFIELD, THOMAS, FR  
[72] HAMY, FRANCOIS, FR  
[72] LAOUI, ABDELAZIZE, US  
[72] RIOU, JEAN-FRANCOIS, FR  
[72] DOERFLINGER, GILLES, FR  
[72] MAILLIET, PATRICK, FR  
[71] AVENTIS PHARMA S.A., FR  
[85] 2003-09-18  
[86] 2002-03-22 (FR2002001005)  
[87] 2002-10-03 (2002076975)  
[30] FR (01/03916) 2001-03-23  
[30] FR (01/10370) 2001-08-02

[21] 2,442,015

[13] A1

[51] Int.Cl. 7A61K 38/48 7A01N 31/08  
7A01N 37/18 7A01N 43/32 7A01N 43/50  
[25] EN  
[54] ANTHRAX LETHAL FACTOR  
INHIBITS TUMOR GROWTH AND  
ANGIOGENESIS  
[54] FACTEUR LETAL DE L'ANTHRAX  
INHIBIT LA CROISSANCE  
TUMORALE ET L'ANGIOGENESE  
[72] DUESBERRY, NICHOLAS S., US  
[72] WEBB, CRAIG P., US  
[72] VANDEWOODE, GEORGE F., US  
[71] VAN ANDEL INSTITUTE, US  
[85] 2003-09-22  
[86] 2002-03-22 (US2002008656)  
[87] 2002-10-03 (2002076496)  
[30] US (60/277,625) 2001-03-22

[21] 2,442,017

[13] A1

[51] Int.Cl. 7G01N 27/327  
[25] EN  
[54] ELECTROCHEMICAL SENSOR  
AND METHOD THEREOF  
[54] DETECTEUR  
ELECTROCHIMIQUE ET SON  
PROCEDE  
[72] HAJIZADEH, KIAMARS, US  
[72] MILLS, KELLY, US  
[72] RAPPIN, CRAIG, US  
[71] VIROTEK, LLC, US  
[85] 2003-09-22  
[86] 2002-03-22 (US2002008703)  
[87] 2002-10-03 (2002077606)  
[30] US (09/820,372) 2001-03-23  
[30] US (10/017,751) 2001-12-07

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[13] A1

[51] Int.Cl. 7G01N 33/00 7C12N 5/00  
7C12N 15/00 7C12N 5/02 7A01K 67/027  
7C12N 15/09 7C12N 15/63 7C12N 15/70  
7C12N 15/74 7C12N 15/85 7C12N 15/87  
[25] EN  
[54] SEX-SPECIFIC SELECTION OF SPERM FROM TRANSGENIC ANIMALS  
[54] SELECTION DE SPERME EN FONCTION DU SEXE A PARTIR D'ANIMAUX -TRANSGENIQUES  
[72] FORSBERG, ERIK J., US  
[72] EILERTSEN, KENNETH J., US  
[72] ZHENG, YING, US  
[72] BISHOP, MICHAEL D., US  
[72] LENO, GREGORY H., US  
[71] INFIGEN, INC., US  
[85] 2003-09-22  
[86] 2002-03-22 (US2002008933)  
[87] 2002-10-03 (2002077637)  
[30] US (60/278,155) 2001-03-22

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**[21] 2,442,023**

[13] A1

[51] Int.Cl. 7F16L 19/028  
[25] EN  
[54] O-RING SEAL FLAT FACE FITTING  
[54] RACCORD DE JOINT TORIQUE A FACE PLATE  
[72] DIFRANCIA, RONALD E., US  
[72] COTTRELL, MICHAEL A., US  
[71] THE GATES CORPORATION, US  
[85] 2003-09-22  
[86] 2002-03-25 (US2002009496)  
[87] 2002-10-24 (2002084159)  
[30] US (60/278,413) 2001-03-23

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**[21] 2,442,024**

[13] A1

[51] Int.Cl. 7G01N 33/48 7A01K 67/00  
7G01N 19/00  
[25] EN  
[54] METHODS, PLATFORMS AND KITS USEFUL FOR IDENTIFYING, ISOLATING AND UTILIZING NUCLEOTIDE SEQUENCES WHICH REGULATE GENE EXPRESSION IN AN ORGANISM  
[54] PROCEDES, PLATES-FORMES ET ENSEMBLES SERVANT A L'IDENTIFICATION, L'ISOLEMENT, ET L'UTILISATION DE SEQUENCES NUCLEOTIDIQUES REGULANT L'EXPRESSION GENETIQUE DANS UN ORGANISME  
[72] MEISSNER, RAFAEL, IL  
[72] KARCHI, HAGAI, IL  
[72] RONEN, GIL, IL  
[71] EVOGENE LTD., IL  
[85] 2003-09-24  
[86] 2002-03-31 (IL2002000267)  
[87] 2002-10-10 (2002079487)  
[30] US (60/279,425) 2001-03-29

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**[21] 2,442,026**

[13] A1

[51] Int.Cl. 7B63B 35/28  
[25] EN  
[54] FLEXIBLE FLUID CONTAINMENT MARINE VESSEL  
[54] RECIPIENT MARIN DE CONFINEMENT DE FLUIDE FLEXIBLE  
[72] EAGLES, DANA, US  
[72] TONEY, CRAYTON GREGORY, US  
[72] TUPIL, SRINATH, US  
[72] DONOVAN, JAMES G., US  
[72] LAWTON, DONALD TRIPP, US  
[72] REXFELT, JAN, SE  
[72] RYDIN, BJORN, SE  
[72] ROMANSKI, ERIC, US  
[72] DUTT, WILLIAM, US  
[71] ALBANY INTERNATIONAL CORP., US  
[85] 2003-09-22  
[86] 2002-04-05 (US2002010558)  
[87] 2002-10-24 (2002083492)  
[30] US (09/832,739) 2001-04-11

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**[21] 2,442,027**

[13] A1

[51] Int.Cl. 7B01D 3/00  
[25] EN  
[54] LIQUID DISTRIBUTOR IN MASS TRANSFER COLUMN AND METHOD OF INSTALLATION AND USE  
[54] DISTRIBUTEUR DE LIQUIDE DANS UNE COLONNE DE TRANSFERT DE MASSE, PROCEDE D'INSTALLATION ET D'UTILISATION ASSOCIE  
[72] PETRICH, TULLIO, IT  
[72] ENDER, CHRISTOPH, US  
[71] KOCH-GLITSCH, LP, US  
[85] 2003-09-22  
[86] 2002-04-10 (US2002011033)  
[87] 2002-10-24 (2002083260)  
[30] US (60/282,894) 2001-04-10  
[30] US (10/116,248) 2002-04-04

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**[21] 2,442,028**

[13] A1

[51] Int.Cl. 7F03D 1/02 7F16H 1/28  
[25] EN  
[54] WIND TURBINE COMPRISING A PLANETARY GEAR  
[54] EOLIENNE COMPRENANT UN ENGRANAGE PLANETAIRE  
[72] CHRISTENSEN, MOGENS, DK  
[71] VESTAS WIND SYSTEMS A/S, DK  
[85] 2003-09-24  
[86] 2002-03-14 (DK2002000171)  
[87] 2002-10-10 (2002079644)  
[30] DK (PA 2001 00545) 2001-04-02

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**[21] 2,442,029**

[13] A1

[51] Int.Cl. 7A43B 7/08 7A43B 7/12 7A43B 13/40  
[25] EN  
[54] SHOE INNER SOLE  
[54] SEMELLE INTERIEURE DE CHAUSSURE  
[72] BECK, HERMANN, AT  
[71] CAPRICE SCHUHPRODUKTION GMBH & CO. KG, DE  
[85] 2003-09-22  
[86] 2001-07-31 (EP2001008848)  
[87] 2002-02-14 (2002011570)  
[30] DE (100 38 216.9) 2000-08-04

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**[21] 2,442,034**  
[13] A1

[51] Int.Cl. 7H01B 1/00 7B05D 7/00  
7H01B 1/02 7B32B 9/04 7H01B 1/04  
7C08L 83/04 7H01B 1/06  
[25] EN  
[54] INTERFACE MATERIALS AND METHODS OF PRODUCTION AND USE THEREOF  
[54] MATERIAUX D'INTERFACE ET LEURS PROCEDES DE PRODUCTION ET LEUR UTILISATION  
[72] NGUYEN, MY, US  
[71] HONEYWELL INTERNATIONAL INC., US  
[85] 2003-09-19  
[86] 2002-05-07 (US2002014613)  
[87] 2002-11-14 (2002091395)  
[30] US (09/851,103) 2001-05-07

**[21] 2,442,035**  
[13] A1

[51] Int.Cl. 7F16L 39/04  
[25] EN  
[54] A SWIVEL  
[54] LIAISON ROTULE  
[72] SRANKA, JAROSLAV, SE  
[71] CELERITY CONSULTANCY LTD., GB  
[85] 2003-09-24  
[86] 2002-03-27 (SE2002000623)  
[87] 2002-10-10 (2002079685)  
[30] SE (0101116-2) 2001-03-28

**[21] 2,442,037**  
[13] A1

[51] Int.Cl. 7F24D 13/04 7H05B 6/64  
[25] EN  
[54] SPACE HEATING SYSTEM  
[54] CHAUFFAGE DE BATIMENT  
[72] REICHELT, HELMUT, DE  
[71] MOLEATHERM HOLDING AG, CH  
[85] 2003-09-24  
[86] 2002-03-07 (EP2002002495)  
[87] 2002-10-10 (2002079697)  
[30] EP (01108005.8) 2001-03-29

**[21] 2,442,038**  
[13] A1

[51] Int.Cl. 7C11D 3/50 7C11D 3/30  
7C11D 3/37  
[25] EN  
[54] PRO-PERFUME COMPOSITIONS  
[54] COMPOSITIONS DE PROPARFUM  
[72] RIDLEY, GORDON, BE  
[72] BOSWELL, ROBERT WALTER JR., US  
[72] FREDJ, ABDENNACEUR, US  
[72] TRUJILLO, RAFAEL, US  
[72] SMETS, JOHAN, BE  
[72] WHITE, DANIEL J., JR., US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2003-09-19  
[86] 2002-05-10 (US2002014806)  
[87] 2002-11-21 (2002092746)  
[30] US (60/290,280) 2001-05-11

**[21] 2,442,040**  
[13] A1

[51] Int.Cl. 7G06K 9/00 7G01N 23/00  
7G06M 11/02 7H01J 37/20 7G03B 21/26  
7G01N 21/64  
[25] EN  
[54] APPARATUS AND METHOD FOR IMAGING SMALL OBJECTS IN A FLOW STREAM USING OPTICAL TOMOGRAPHY  
[54] APPAREIL ET PROCEDE DE VISUALISATION DE PETITS OBJETS DANS UN FLUX D'ECOULEMENT AU MOYEN D'UNE TOMOGRAPHIE OPTIQUE  
[72] NELSON, ALAN C., US  
[71] VISIONGATE, INC., US  
[85] 2003-09-24  
[86] 2002-03-27 (US2002009344)  
[87] 2002-10-10 (2002080090)  
[30] US (60/279,244) 2001-03-28  
[30] US (09/927,151) 2001-08-10

**[21] 2,442,041**  
[13] A1

[51] Int.Cl. 7A61F 13/20  
[25] EN  
[54] TAMPON HAVING SPIRALLY SHAPED GROOVES  
[54] TAMPON HYGIENIQUE COMPORTEANT DES RAINURES SPIRALEES  
[72] SCHOELLING, HANS-WERNER, DE  
[71] JOHNSON & JOHNSON GMBH, DE  
[85] 2003-09-25  
[86] 2002-03-22 (EP2002003262)  
[87] 2002-10-10 (2002078586)  
[30] DE (101 14 786.4) 2001-03-26

**[21] 2,442,043**  
[13] A1

[51] Int.Cl. 7A63F 13/00  
[25] EN  
[54] CONSOLE-BASED SYSTEM AND METHOD FOR PROVIDING MULTI-PLAYER INTERACTIVE GAME FUNCTIONALITY FOR USE WITH INTERACTIVE GAMES  
[54] SYSTEME A BASE DE CONSOLE ET PROCEDE PERMETTANT D'OBTENIR UNE FONCTIONNALITE DE JEU INTERACTIVE MULTI-JOUEURS DESTINEE A ETRE UTILISEE AVEC DES JEUX INTERACTIFS  
[72] EASLEY, GREGORY W., US  
[72] MOULTON, EDMUND A., US  
[72] SCHOENBURG, JIM, US  
[72] ARNOLD, TIM, US  
[71] ACTV, INC., US  
[85] 2003-09-25  
[86] 2002-03-29 (US2002009588)  
[87] 2002-10-10 (2002078806)  
[30] US (09/819,603) 2001-03-29

**[21] 2,442,044**  
[13] A1

[51] Int.Cl. 7H04Q 7/30  
[25] EN  
[54] METHOD AND APPARATUS FOR CONTROLLING AN OPERATIVE SETTING OF A COMMUNICATIONS LINK  
[54] PROCEDE ET APPAREIL DE REGLAGE D'UN PARAMETRE DE FONCTIONNEMENT D'UNE LIAISON DE COMMUNICATION  
[72] CHU, CHUNG CHEUNG, CA  
[72] COVERDALE, PAUL, CA  
[72] RABIPOUR, RAFI, CA  
[71] NORTEL NETWORKS LIMITED, CA  
[85] 2003-09-22  
[86] 2002-01-10 (CA2002000036)  
[87] 2002-08-15 (2002063899)  
[30] US (60/266,404) 2001-02-02  
[30] US (09/859,640) 2001-05-18

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**[21] 2,442,047**  
[13] A1

[51] Int.Cl. 7A61B 17/56  
[25] EN  
[54] METHOD OF TREATING OSTEOCHONDritis AND APPARATUS FOR TREATING OSTEOCHONDritis  
[54] METHODE DE TRAITEMENT DE L'OSTEOCHONDRITE ET APPAREIL DE TRAITEMENT DE L'OSTEOCHONDRITE  
[72] YAMAGUCHI, HIROTSGU, JP  
[72] KASHIWAGUCHI, SHINJI, JP  
[72] UCHIDA, SOSHI, JP  
[72] KANAZAWA, YOSUKE, JP  
[72] NAKAMURA, TOSHITAKA, JP  
[72] MAEKAWA, KAZUMICHI, JP  
[72] TANAKA, MASAHIRO, JP  
[71] TEIZIN LIMITED, JP  
[85] 2003-09-22  
[86] 2003-01-17 (JP2003000365)  
[87] 2003-07-31 (2003061492)  
[30] JP (2002-9832) 2002-01-18  
[30] JP (2002-9833) 2002-01-18

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**[21] 2,442,054**  
[13] A1

[51] Int.Cl. 7E21B 47/12 7G01V 1/22  
7G01V 1/40  
[25] EN  
[54] VERY HIGH DATA RATE TELEMETRY SYSTEM FOR USE IN A WELLBORE  
[54] SYSTEME DE TELEMESURE A DEBIT BINAIRe TRES ELEVE POUR PUITS DE FORAGE  
[72] SCHULTZ, ROGER L., US  
[72] GARDNER, WALLACE R., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 2003-09-18  
[86] 2001-03-27 (US2001009917)  
[87] 2002-10-03 (2002077413)

**[21] 2,442,055**  
[13] A1

[51] Int.Cl. 7D21F 3/02 7D21F 3/06  
[25] EN  
[54] SHOE PRESS BELT WITH SYSTEM FOR DETECTING OPERATIONAL PARAMETERS  
[54] COURROIE DE PRESSE A SABOT AVEC SYSTEME DE DETECTION DE PARAMETRES OPERATIONNELS  
[72] GUSTAFSON, ERIC J., US  
[72] STAUDENMAIER, BERTRAM, US  
[72] BUTTERFIELD, WILLIAM S., US  
[71] STOWE WOODWARD, LLC., US  
[85] 2003-09-22  
[86] 2002-03-04 (US2002006520)  
[87] 2002-12-12 (2002099188)  
[30] US (09/872,584) 2001-06-01

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**[21] 2,442,057**  
[13] A1

[51] Int.Cl. 7A61L 31/18 7A61L 31/12  
[25] EN  
[54] MEDICAL DEVICE HAVING RADIO-OPACIFICATION AND BARRIER LAYERS  
[54] APPAREIL MEDICAL POURVU DE COUCHES BARRIERES ET DE COUCHES OPAQUES AUX RAYONS  
[72] CHANDRESEKARAN, VERIVADA CHANDRU, US  
[72] KVEEN, GRAIG, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2003-09-22  
[86] 2002-03-13 (US2002007841)  
[87] 2002-10-03 (2002076525)  
[30] US (09/815,892) 2001-03-23

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**[21] 2,442,056**  
[13] A1

[51] Int.Cl. 7A61B 17/32  
[25] EN  
[54] METHOD AND APPARATUS FOR FORMING APERTURES IN BLOOD VESSELS  
[54] PROCEDE ET APPAREIL PERMETTANT DE FORMER DES OUVERTURES DANS DES VAISSEAUX SANGUINS  
[72] HEFER, GIL, IL  
[72] KILEMNIK, IDO, IL  
[72] LOSHAKOVE, AMIR, IL  
[71] BY-PASS, INC., US  
[85] 2003-09-18  
[86] 2002-03-18 (IL2002000215)  
[87] 2002-09-26 (2002074188)  
[30] IL (PCT/IL01/00266) 2001-03-20  
[30] IL (PCT/IL01/00267) 2001-03-20  
[30] IL (144051) 2001-06-28  
[30] IL (PCT/IL01/00600) 2001-06-28  
[30] IL (PCT/IL01/00903) 2001-09-25  
[30] IL (PCT/IL01/01019) 2001-11-04

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**[21] 2,442,058**  
[13] A1

[51] Int.Cl. 7G05D 11/08 7G05D 11/13  
[25] EN  
[54] DUAL SOLID CHEMICAL FEED SYSTEM  
[54] SYSTEME DE DOUBLE ALIMENTATION DE PRODUITS CHIMIQUES SOLIDES  
[72] BARRETT, KENNETH C., US  
[72] ROSSI, ANTHONY M., US  
[71] GE BETZ, INC., US  
[85] 2003-09-18  
[86] 2002-03-19 (US2002008381)  
[87] 2002-10-10 (2002079888)  
[30] US (09/824,070) 2001-04-02

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**[21] 2,442,059**  
[13] A1

[51] Int.Cl. 7B23P 15/28 7B23D 1/00  
7B23D 3/00  
[25] EN  
[54] CUTTING INSERT HAVING IMPROVED CUTTING  
[54] PIECE D'INSERTION DE DECOUPE A COUPE AMELIOREE  
[72] NELSON, JOSEPH V., US  
[71] KENNAMETAL INC., US  
[85] 2003-09-22  
[86] 2002-03-19 (US2002008423)  
[87] 2002-10-17 (2002081144)  
[30] US (09/826,033) 2001-04-04

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[21] 2,442,060  
[13] A1

[51] Int.Cl. 7C10J 3/08 7C02F 9/00 7C10J  
3/46  
[25] EN  
[54] BLACK WATER RECYCLE  
CIRCULATION LOOP USE WITH A  
GASIFIER  
[54] BOUCLE DE CIRCULATION DE  
RECYCLAGE D'EAUX USEES DOTÉE  
D'UN GAZÉIFICATEUR  
[72] TSE, DANIEL W., US  
[72] SEUFERT, FREDERICK B., US  
[72] HWAN, JUDY R., US  
[71] TEXACO DEVELOPMENT  
CORPORATION, US  
[85] 2003-09-18  
[86] 2002-04-03 (US2002010331)  
[87] 2002-10-17 (2002081600)  
[30] US (60/282,242) 2001-04-06

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[21] 2,442,061  
[13] A1

[51] Int.Cl. 7C07D 487/04  
[25] EN  
[54] METHOD FOR THE PRODUCTION  
OF 4,6-DIAMINOPYRIMIDO[5,4-  
D]PYRIMIDINES  
[54] PROCÉDÉ DE PRODUCTION DE  
4,6-DIAMINOPYRIMIDO[5,4-  
D]PYRIMIDINES  
[72] BELZER, WERNER, DE  
[72] LOCK, RALF, DE  
[72] RALL, WERNER, DE  
[71] BOEHRINGER INGELHEIM  
PHARMA GMBH & CO. KG, DE  
[85] 2003-09-25  
[86] 2002-03-26 (EP2002003353)  
[87] 2002-10-10 (2002079202)  
[30] DE (101 15 921.8) 2001-03-30

[21] 2,442,062  
[13] A1

[51] Int.Cl. 7C12N 15/12 7A01K 67/00  
7A61K 45/00 7C12P 21/02 7C12Q 1/02  
7C12P 21/08 7A61K 38/17 7C07K 16/18  
7A61K 39/395 7C07K 14/47 7G01N 33/53  
7C12Q 1/68  
[25] EN  
[54] SECRETED PROTEINS  
[54] PROTEINES SECRÉTÉES  
[72] MASON, PATRICIA M., US  
[72] LEE, SALLY, US  
[72] SANJANWALA, MADHU M., US  
[72] LEE, ERNESTINE A., US  
[72] LAL, PREETI G., US  
[72] RAMKUMAR, JAYALAXMI, US  
[72] HE, ANN, US  
[72] TANG, Y. TOM, US  
[72] THANGAVELU, KAVITHA, US  
[72] BAUGHN, MARIAH R., US  
[72] BURFORD, NEIL, US  
[72] SWARNAKAR, ANITA, US  
[72] TRAN, UYEN K., US  
[72] ISON, CRAIG H., US  
[72] HONCHELL, CYNTHIA D., US  
[72] DING, LI, US  
[72] LU, DYUNG AINA M., US  
[72] XU, YUMING, US  
[72] GRIFFIN, JENNIFER A., US  
[72] YUE, HENRY, US  
[72] GANDHI, AMEENA R., US  
[72] WALIA, NARINDER K., US  
[72] GIETZEN, KIMBERLY J., US  
[72] YAO, MONIQUE G., US  
[72] FORSYTHE, IAN J., US  
[72] ELLIOTT, VICKI S., US  
[72] DUGGAN, BRENDAN M., US  
[72] WARREN, BRIDGET A., US  
[71] INCYTE SAN DIEGO, INC., US  
[85] 2003-09-25  
[86] 2002-03-29 (US2002009820)  
[87] 2002-10-10 (2002079441)  
[30] US (60/280,527) 2001-03-30  
[30] US (60/282,112) 2001-04-06  
[30] US (60/282,702) 2001-04-09  
[30] US (60/283,855) 2001-04-13  
[30] US (60/343,718) 2001-10-19  
[30] US (60/339,236) 2001-12-07  
[30] US (60/357,002) 2002-02-13

[21] 2,442,063  
[13] A1

[51] Int.Cl. 7C11B 7/00  
[25] EN  
[54] SEPARATION OF PLANT OIL  
TRIGLYCERIDE MIXTURES BY SOLID  
BED ADSORPTION  
[54] SEPARATION DE MÉLANGES DE  
TRIGLYCERIDES D'HUILE  
VEGETALE PAR ADSORPTION A LIT  
FIXE  
[72] QUARDERER, GEORGE J., JR., US  
[72] KATTI, SANJEEV S., US  
[72] LYSENKO, ZENON, US  
[72] STRINGFIELD, RICHARD, US  
[72] GREGORY, THOMAS, US  
[71] DOW GLOBAL TECHNOLOGIES  
INC., US  
[85] 2003-09-22  
[86] 2002-03-21 (US2002008708)  
[87] 2002-10-31 (2002086039)  
[30] US (60/285,464) 2001-04-20

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[21] 2,442,064  
[13] A1

[51] Int.Cl. 7C12N 15/12 7A01K 67/00  
7A61K 45/00 7C12P 21/02 7C12P 21/08  
7A61K 38/17 7C07K 16/28 7A61K 39/395  
7G01N 33/566 7C12Q 1/68 7C07K 14/705  
[25] EN  
[54] G-PROTEIN COUPLED  
RECEPTORS  
[54] RECEPTEURS COUPLES A LA  
PROTEINE G  
[72] KALLICK, DEBORAH A., US  
[72] GRAUL, RICHARD C., US  
[72] LU, YAN, US  
[72] KHAN, FARRAH A., US  
[72] BECHA, SHANYA, US  
[72] ISON, CRAIG H., US  
[72] WALSH, RODERICK T., GB  
[72] CHAWLA, NARINDER K., US  
[72] EMERLING, BROOKE M., US  
[72] ARVIZU, CHANDRA P., US  
[72] THORNTON, MICHAEL, US  
[72] SWARNAKAR, ANITA, US  
[72] AU-YOUNG, JANICE, US  
[72] RAMKUMAR, JAYALAXMI, US  
[72] GRIFFIN, JENNIFER A., US  
[72] LAL, PREETI G., US  
[72] RICHARDSON, THOMAS W., US  
[72] BOROWSKY, MARK L., US  
[72] BAUGHN, MARIAH R., US  
[72] YAO, MONIQUE G., US  
[72] YUE, HENRY, US  
[72] GANDHI, AMEENA R., US  
[72] HAFALIA, APRIL J.A., US  
[72] ELLIOTT, VICKI S., US  
[72] LEE, ERNESTINE A., US  
[72] BURFORD, NEIL, US  
[71] INCYTE SAN DIEGO, INC., US  
[85] 2003-09-25  
[86] 2002-03-29 (US2002009923)  
[87] 2002-10-10 (2002079448)  
[30] US (60/280,683) 2001-03-30  
[30] US (60/283,714) 2001-04-13  
[30] US (60/285,336) 2001-04-20  
[30] US (60/287,266) 2001-04-27

[21] 2,442,068  
[13] A1

[51] Int.Cl. 7C22C 38/52 7C21D 6/04  
7C22C 38/44  
[25] EN  
[54] ULTRA-HIGH-STRENGTH  
PRECIPITATION-HARDENABLE  
STAINLESS STEEL AND ELONGATED  
STRIP MADE THEREFROM  
[54] ACIER INOXYDABLE  
DURCISSABLE PAR PRECIPITATION  
ET ULTRA-RESISTANT ET BANDE  
ALLONGEE PRODUITE AVEC CET  
ACIER  
[72] MARTIN, JAMES W., US  
[72] KOSA, THEODORE, US  
[71] CRS HOLDINGS, INC., US  
[85] 2003-09-25  
[86] 2002-03-26 (US2002009231)  
[87] 2002-10-10 (2002079534)  
[30] US (60/279,007) 2001-03-27

[21] 2,442,070  
[13] A1

[51] Int.Cl. 7D06P 1/16  
[25] EN  
[54] METHOD AND APPARATUS FOR  
CONTINUOUSLY FORMING DYE  
SUBLIMATION IMAGES IN SOLID  
SUBSTRATES  
[54] PROCEDE ET APPAREIL  
PERMETTANT DE FORMER DES  
IMAGES PAR SUBLIMATION  
THERMIQUE EN CONTINU DANS DES  
SUBSTRATS SOLIDES  
[72] MAGEE, TED N., US  
[72] SHAW, ROBERT W., US  
[72] ESSERT, RICK, US  
[72] DRAKE, JONATHAN C., US  
[71] FRESCO PLASTICS LLC, US  
[85] 2003-09-25  
[86] 2002-03-29 (US2002009784)  
[87] 2002-10-10 (2002079566)  
[30] US (09/823,290) 2001-03-29  
[30] US (10/084,262) 2002-02-26

[21] 2,442,072  
[13] A1

[51] Int.Cl. 7B65G 13/02  
[25] EN  
[54] CARGO POWER DRIVE UNIT  
[54] UNITE D'ENTRAINEMENT DE  
FRET ELECTRIQUE  
[72] WOLFE, ROBERT M., US  
[72] MCCONNELL, MATTHEW S., US  
[72] LEINGANG, ALAN F., US  
[71] ANCRA INTERNATIONAL LLC, US  
[85] 2003-09-22  
[86] 2002-03-28 (US2002009476)  
[87] 2002-10-10 (2002079071)  
[30] US (60/279,414) 2001-03-29

[21] 2,442,073  
[13] A1

[51] Int.Cl. 7G01B 11/04 7G01N 15/02  
[25] EN  
[54] A DEVICE FOR A TRANSPARENT  
PIPE INTENDED FOR OPTICAL  
COUNTING AND MEASURING  
[54] DISPOSITIF POUR TUYAU  
TRANSPARENT CONCU POUR LE  
COMPTAGE ET LA MESURE  
OPTIQUES  
[72] KVASSHEIM, TORBJORN, NO  
[71] KVASSHEIM, TORBJORN, NO  
[85] 2003-09-25  
[86] 2002-03-22 (NO2002000119)  
[87] 2002-10-10 (2002079721)  
[30] NO (20011619) 2001-03-29

[21] 2,442,075  
[13] A1

[51] Int.Cl. 7A41D 27/22 7A47F 5/08  
7B65D 85/18 7A47F 7/24  
[25] EN  
[54] HOSIERY DISPLAYING DEVICE  
WITH ARRAYED MULTIPLICITY OF  
HOSIERY ATTACHMENT OPENINGS  
[54] DISPOSITIF PRESENTOIR  
D'ARTICLES DE BONNETERIE A  
PLUSIEURS OUVERTURES DE  
FIXATION D'ARTICLES DE  
BONNETERIE EN RESEAU  
[72] NICHOL, WILLIAM H., JR., US  
[71] KENTUCKY DERBY HOSIERY CO.,  
INC., US  
[85] 2003-09-25  
[86] 2002-03-21 (US2002008571)  
[87] 2002-10-24 (2002082933)  
[30] US (09/820,595) 2001-03-29

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**[21] 2,442,080**  
[13] A1

[51] Int.Cl. 7A61K 49/00 7A61K 49/04  
 [25] EN  
**[54] PREPARATION FOR THE PROPHYLAXIS OF RESTENOSIS**  
**[54] PREPARATION DE PREVENTION DE LA RESTENOSE**  
 [72] SPECK, ULRICH, DE  
 [72] SCHELLER, BRUNO, DE  
 [71] SPECK, ULRICH, DE  
 [85] 2003-09-23  
 [86] 2001-12-20 (DE2001004782)  
 [87] 2002-10-03 (2002076509)  
 [30] DE (101 15 740.1) 2001-03-26

**[21] 2,442,085**  
[13] A1

[51] Int.Cl. 7D04B 1/14  
 [25] EN  
**[54] KNITTED MICROFIBER CLEANING CLOTH**  
**[54] TISSU DE NETTOYAGE EN MICROFIBRES A MAILLES**  
 [72] WAJS, JULIEN, FR  
 [72] THIOLIERE, STEPHANE, FR  
 [71] 3M INNOVATIVE PROPERTIES COMPANY, US  
 [85] 2003-09-25  
 [86] 2001-04-12 (IB2001000609)  
 [87] 2002-10-24 (2002084002)

**[21] 2,442,093**  
[13] A1

[51] Int.Cl. 7B01D 61/18 7C02F 9/00  
**7B01D 65/02 7C02F 1/44**  
 [25] EN  
**[54] FILTERING SYSTEM**  
**[54] ECONOMISEUR D'EAU**  
 [72] SCHARSTUHL, JOHAN JAN, NL  
 [72] SCHARSTUHL, ERIC, NL  
 [71] PRIME WATER SYSTEMS GMBH, DE  
 [85] 2003-09-23  
 [86] 2002-03-18 (NL2002000177)  
 [87] 2002-10-03 (2002076590)  
 [30] NL (1017681) 2001-03-23

**[21] 2,442,081**  
[13] A1

[51] Int.Cl. 7B63B 35/28  
 [25] EN  
**[54] SPIRAL FORMED FLEXIBLE FLUID CONTAINMENT MARINE VESSEL**  
**[54] CONTENANT SOUPLE EN FORME DE SPIRALE POUR FLUIDES A USAGE MARITIME**  
 [72] EAGLES, DANA, US  
 [72] RYDIN, BJORN, SE  
 [72] REXFELT, JAN, SE  
 [72] TONEY, CRAYTON GREGORY, US  
 [72] TUPIL, SRINATH, US  
 [72] LAWTON, DONALD TRIPP, US  
 [71] ALBANY INTERNATIONAL CORP., US  
 [85] 2003-09-25  
 [86] 2002-04-05 (US2002010694)  
 [87] 2002-10-24 (2002083495)  
 [30] US (09/832,739) 2001-04-11  
 [30] US (09/908,877) 2001-07-18

**[21] 2,442,086**  
[13] A1

[51] Int.Cl. 7A61M 39/00  
 [25] EN  
**[54] VIAL ADAPTER HAVING A NEEDLE-FREE VALVE FOR USE WITH VIAL CLOSURES OF DIFFERENT SIZES**  
**[54] ADAPTATEUR DE FLACON A SOUPAPE SANS AIGUILLE UTILISE POUR DES FERMETURES DE FLACON DE DIFFERENTES TAILLES**  
 [72] LEINSING, KARL R., US  
 [71] ALARIS MEDICAL SYSTEMS, INC., US  
 [85] 2003-09-23  
 [86] 2003-02-07 (US2003003684)  
 [87] 2003-08-14 (2003066152)  
 [30] US (10/072,052) 2002-02-08

**[21] 2,442,094**  
[13] A1

[51] Int.Cl. 7C07D 301/04 7C07C 31/20  
**7C07D 301/22 7C07C 29/48**  
 [25] EN  
**[54] SYNTHESIS OF LOWER ALKYLENE OXIDES AND LOWER ALKYLENE GLYCOLS FROM LOWER ALKANES AND/OR LOWER ALKENES**  
**[54] SYNTHESE D'OXYDES D'ALKYLENE INFÉRIEURS ET D'ALKYLENES GLYCOLS INFÉRIEURS A PARTIR D'ALCANES INFÉRIEURS ET/OU D'ALKENES INFÉRIEURS**  
 [72] KING, STEPHEN WAYNE, US  
 [72] BHASIN, MADAN MOHAN, US  
 [71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US  
 [85] 2003-09-22  
 [86] 2002-04-18 (US2002012526)  
 [87] 2002-11-07 (2002088102)  
 [30] US (09/846,642) 2001-05-01

**[21] 2,442,083**  
[13] A1

[51] Int.Cl. 7G05F 1/00  
 [25] EN  
**[54] ELECTRONIC DIMMABLE BALLAST FOR HIGH INTENSITY DISCHARGE LAMP**  
**[54] BALLAST ELECTRONIQUE GRDUABLE POUR LAMPE A DECHARGE HAUTE INTENSITE**  
 [72] RIBARICH, THOMAS J., US  
 [71] INTERNATIONAL RECTIFIER CORPORATION, US  
 [85] 2003-09-22  
 [86] 2002-03-22 (US2002008984)  
 [87] 2002-10-03 (2002077739)  
 [30] US (60/277,636) 2001-03-22  
 [30] US (10/104,909) 2002-03-21

**[21] 2,442,091**  
[13] A1

[51] Int.Cl. 7F16B 21/18 7F16B 23/00  
**7F16B 39/00**  
 [25] EN  
**[54] HYBRID PANEL FASTENER WITH SNAP-ON CAP**  
**[54] ATTACHE DE PANNEAU HYBRIDE AVEC BOUCHON CLIQUETABLE**  
 [72] FRANCO, JAMES S., US  
 [72] MCDONOUGH, WILLIAM P., US  
 [71] PEM MANAGEMENT, INC., US  
 [85] 2003-09-22  
 [86] 2002-04-12 (US2002011378)  
 [87] 2002-10-31 (2002086334)  
 [30] US (60/284,902) 2001-04-20

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[13] A1

[51] Int.Cl. 7F16J 15/02 7F16L 17/00  
7F16L 25/00 7F16L 35/00 7F16L 17/025  
7F16L 17/06 7F16L 17/073  
[25] EN  
[54] METAL-TO-METAL SEAL WITH SOFT METAL INSERT  
[54] JOINT METAL SUR METAL A PIECE RAPPORTEE EN METAL TENDRE  
[72] GLIDDEN, GREGORY L., US  
[72] CRAWFORD, NEIL C., US  
[72] VICIC, JOHN C., US  
[72] JANOFF, DWIGHT D., US  
[71] FMC TECHNOLOGIES, INC., US  
[85] 2003-09-23  
[86] 2002-03-22 (US2002009003)  
[87] 2002-10-03 (2002077496)  
[30] US (09/819,121) 2001-03-27

**[21] 2,442,102**  
[13] A1

[51] Int.Cl. 7H04B 7/005  
[25] EN  
[54] METHOD OF CONTROLLING REVERSE TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM  
[54] PROCEDE DE COMMANDE DE LA TRANSMISSION RETOUR DANS UN SYSTEME DE COMMUNICATION MOBILE  
[72] KOO, CHANG-HOI, KR  
[72] KIM, DAE-GYUN, KR  
[72] BAE, BEOM-SIK, KR  
[72] PARK, DONG-SEEK, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2003-09-24  
[86] 2002-03-25 (KR2002000514)  
[87] 2002-10-03 (2002078212)  
[30] KR (2001/15785) 2001-03-26  
[30] KR (2001/25348) 2001-05-04

**[21] 2,442,110**  
[13] A1

[51] Int.Cl. 7A61B 10/00  
[25] EN  
[54] MICRO-INVASIVE BREAST BIOPSY DEVICE  
[54] DISPOSITIF DE BIOPSIE MAMMAIRE MICRO-INVASIF  
[72] PFLUEGER, D. RUSSELL, US  
[71] STRYKER PUERTO RICO LIMITED, US  
[85] 2003-09-17  
[86] 2002-03-14 (US2002007954)  
[87] 2002-10-03 (2002076300)  
[30] US (60/278,128) 2001-03-23  
[30] US (60/281,848) 2001-04-05  
[30] US (60/305,178) 2001-07-13  
[30] US (60/322,909) 2001-09-17  
[30] US (60/342,436) 2001-12-21  
[30] US (10/093,765) 2002-03-08

**[21] 2,442,097**  
[13] A1

[51] Int.Cl. 7C08G 61/00 7C08F 14/18  
7C08F 214/18  
[25] EN  
[54] ELECTROACTIVE FLUORENE COPOLYMERS AND DEVICES MADE WITH SUCH POLYMERS  
[54] COPOLYMERES DE FLUORENE ELECTRO-ACTIFS ET DISPOSITIFS REALISES AU MOYEN DE CES COPOLYMERES  
[72] UCKERT, FRANK P., US  
[72] SIMMONS, HOWARD E., US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2003-09-23  
[86] 2002-05-03 (US2002014094)  
[87] 2002-11-14 (2002090415)  
[30] US (60/288,314) 2001-05-03

**[21] 2,442,105**  
[13] A1

[51] Int.Cl. 7A47L 15/42 7A47L 15/44  
[25] EN  
[54] DISPENSING DEVICE IN A DISHWASHING MACHINE  
[54] DISPOSITIF DE DISPENSATION DANS UN LAVE-VAISELLE  
[72] SCHICK, JUERGEN, DE  
[72] SCHULTHEIS, TOBIAS, AU  
[72] HAHN, KARLHEINZ, DE  
[71] RECKITT BENCKISER N.V., NL  
[85] 2003-09-24  
[86] 2002-03-27 (GB2002001184)  
[87] 2002-10-03 (2002076278)  
[30] GB (0107593.6) 2001-03-27

**[21] 2,442,111**  
[13] A1

[51] Int.Cl. 7C07F 17/00 7C09D 11/00  
7C07F 5/00 7B41J 2/01 7C07D 471/04  
7C09K 11/06  
[25] EN  
[54] EUROPIUM COMPOUNDS AND INK COMPOSITIONS CONTAINING THE SAME  
[54] COMPOSES D'EUROPIUM ET COMPOSITIONS D'ENCRE  
RENFERMANT CEUX-CI  
[72] KITAYAMA, YASUYUKI, JP  
[72] KIYOKANAGI, NORIKO, JP  
[72] SHIRASAKI, YASUO, JP  
[72] IKEDA, MASAAKI, JP  
[72] YOSHIOKA, JUNKO, JP  
[71] NIPPON KAYAKU KABUSHIKI KAISHA, JP  
[85] 2003-09-17  
[86] 2002-03-20 (JP2002002678)  
[87] 2002-10-10 (2002079201)  
[30] JP (2001-82060) 2001-03-22

**[21] 2,442,099**  
[13] A1

[51] Int.Cl. 7H01R 11/12  
[25] EN  
[54] MULTI DIRECTIONAL SWIVELING OUTLET ADAPTOR  
[54] ADAPTATEUR DE PRISE DE COURANT TOURNANT MULTIDIRECTIONNEL  
[72] LEE, DOMINIC, HK  
[71] AUFRICHTIG, PETER D., US  
[71] LEE, DOMINIC, HK  
[85] 2003-09-22  
[86] 2002-03-22 (US2002011302)  
[87] 2002-10-03 (2002078129)  
[30] US (60/278,082) 2001-03-22

**[21] 2,442,108**  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] OPTIMIZED SYSTEM AND METHOD FOR FINDING BEST FARES  
[54] SYSTEME ET PROCEDE OPTIMISES DESTINES A TROUVER LES MEILLEURS TARIFS  
[72] CHAMPERNOWNE, ARTHUR FRANCIS, US  
[71] EXPEDIA, INC., US  
[85] 2003-09-22  
[86] 2002-03-27 (US2002010201)  
[87] 2002-10-10 (2002080071)  
[30] US (09/825,451) 2001-04-02

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[21] 2,442,112  
[13] A1

[51] Int.Cl. 7A61K 31/198 7A61P 21/00  
7A61P 35/00 7A61P 43/00 7A61P 25/28  
[25] EN  
[54] USE OF CREATINE FOR THE AMELIORATION OF OXIDATIVE STRESS  
[54] UTILISATION DE LA CREATINE POUR ATTENUER L'AGRESSION OXYDATIVE  
[72] DROEGE, WULF, DE  
[71] 2458781 CANADA INC., CA  
[85] 2003-09-24  
[86] 2002-03-28 (CA2002000435)  
[87] 2002-10-31 (2002085346)  
[30] DE (101 16 589.7) 2001-04-03

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[21] 2,442,115  
[13] A1

[51] Int.Cl. 7B01D 53/10 7B01D 59/26  
7B01D 53/70  
[25] EN  
[54] METHOD OF ADSORBING METALS AND ORGANIC COMPOUNDS FROM VAPOROUS STREAMS  
[54] PROCEDE D'ABSORPTION DE METAUX ET DE COMPOSES ORGANIQUES A PARTIR DE FLUX DE VAPEUR  
[72] MAES, RUDY, US  
[72] EL-SHOUBARY, YOUSSEF, US  
[71] MERCK & CO., INC., US  
[85] 2003-09-24  
[86] 2002-03-25 (US2002009154)  
[87] 2002-10-31 (2002085498)  
[30] US (09/820,479) 2001-03-29

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[21] 2,442,116  
[13] A1

[51] Int.Cl. 7A61B 5/107  
[25] EN  
[54] METHOD AND EQUIPMENT FOR MEASURING COVERAGE DENSITY OF A SURFACE, IN PARTICULAR SKIN HAIR COVERAGE  
[54] METHODE ET DISPOSITIF PERMETTANT DE MESURER LA DENSITE DE RECOUVREMENT D'UNE SURFACE, EN PARTICULIER LA DENSITE DE LA CHEVELURE  
[72] VANNESTE, DOMINIQUE, BE  
[71] SKINTERFACE SPRL, BE  
[85] 2003-09-24  
[86] 2001-06-08 (EP2001006970)  
[87] 2002-12-19 (2002100271)

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[21] 2,442,118  
[13] A1

[51] Int.Cl. 7A23L 1/30 7A61P 3/06 7A61K 31/575 7A61K 31/716  
[25] EN  
[54] IMPROVED EDIBLE COMPOSITIONS FOR LOWERING CHOLESTEROL  
[54] COMPOSITIONS COMESTIBLES AMELIOREES SERVANT A FAIRE BAISSER LE TAUX DE CHOLESTEROL  
[72] HOPIA, ANU, FI  
[72] VIRTANEN, PAULA, FI  
[72] ALHO-LEHTO, PIRJO, FI  
[72] PALMU, TAPIO, FI  
[72] POURU, ANNINA, FI  
[72] WESTER, INGMAR, FI  
[71] RAISIO BENECOL OY, FI  
[85] 2003-09-24  
[86] 2002-04-12 (FI2002000315)  
[87] 2002-10-24 (2002082929)  
[30] FI (20010780) 2001-04-12

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[21] 2,442,119  
[13] A1

[51] Int.Cl. 7B01D 53/22  
[25] EN  
[54] PROCESS FOR THE PREPARATION AND RECOVERY OF CARBON DIOXIDE FROM WASTE GAS OR FUMES PRODUCED BY COMBUSTIBLE OXIDATION  
[54] PROCESSUS DE SEPARATION ET DE RECUPERATION DE GAZ CARBONIQUE ISSU D'EMANATIONS OU DE GAZ DE REJET PRODUITS PAR L'OXYDATION DE COMBUSTIBLES  
[72] FILIPPI, ERMANNO, CH  
[72] ZARDI, FEDERICO, CH  
[71] AMMONIA CASALE S.A., CH  
[85] 2003-09-24  
[86] 2002-03-22 (EP2002003243)  
[87] 2002-10-24 (2002083272)  
[30] EP (01109028.9) 2001-04-11

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[21] 2,442,121  
[13] A1

[51] Int.Cl. 7B27B 5/32  
[25] EN  
[54] CIRCULAR SAW AND METHOD FOR FIXING MAIN SPINDLE THEREOF  
[54] SCIE CIRCULAIRE ET PROCEDE DE FIXATION DE SA BROCHE PRINCIPALE  
[72] NISHIO, SATORU, JP  
[72] IDE, TSUYOSHI, JP  
[72] NAKAJIMA, YASUTAKA, JP  
[71] KANEFUSA KABUSHIKI KAISHA, JP  
[85] 2003-09-24  
[86] 2001-12-07 (JP2001010770)  
[87] 2002-10-17 (2002081136)  
[30] JP (2001-101900) 2001-03-30

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[21] 2,442,122  
[13] A1

[51] Int.Cl. 7B61F 5/46 7B61F 3/06 7B61F 3/10  
[25] EN  
[54] SELF-STEERING, THREE-AXLE BOGIE  
[54] BOGIE AUTOGUIDE A TROIS ESSIEUX  
[72] AUER, WOLFGANG, DE  
[71] BOMBARDIER TRANSPORTATION GMBH, DE  
[85] 2003-09-24  
[86] 2002-03-27 (EP2002003471)  
[87] 2002-10-17 (2002081284)  
[30] DE (101 15 960.9) 2001-03-27

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[21] 2,442,124  
[13] A1

[51] Int.Cl. 7C11D 17/04 7C11D 3/18 7C11D 3/20 7C11D 3/37 7C11D 3/38 7C11D 3/384 7C11D 3/43 7C11D 1/72 7C11D 1/75  
[25] EN  
[54] MULTI-PURPOSE CLEANING ARTICLES  
[54] ARTICLES DE NETTOYAGE MULTIFONCTION  
[72] SHICK, RICHARD L., US  
[72] YAHIAOUI, ALI, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2003-09-24  
[86] 2002-02-28 (US2002006586)  
[87] 2002-10-17 (2002081615)  
[30] US (60/282,330) 2001-04-06  
[30] US (10/040,140) 2001-10-19

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**[21] 2,442,126**  
[13] A1

[51] Int.Cl. 7H04L 12/66  
[25] EN  
[54] SHARED DEDICATED ACCESS LINE (DAL) GATEWAY ROUTING DISCRIMINATION  
[54] DISCRIMINATION DE ROUTAGE DE PASSERELLE VIA UNE LIGNE SPECIALISEE (DAL) PARTAGEE  
[72] GALLANT, JOHN K., US  
[71] WORLD.COM, INC., US  
[85] 2003-09-18  
[86] 2002-03-20 (US2002008588)  
[87] 2002-09-26 (2002076048)  
[30] US (60/276,953) 2001-03-20  
[30] US (60/276,954) 2001-03-20  
[30] US (60/276,955) 2001-03-20  
[30] US (60/276,923) 2001-03-20  
[30] US () 2002-03-15

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**[21] 2,442,129**  
[13] A1

[51] Int.Cl. 7B01J 8/00 7F16J 15/08  
[25] EN  
[54] SEALING MEANS FOR CHEMICAL REACTOR  
[54] SYSTEME D'ETANCHEITE POUR REACTEUR CHIMIQUE  
[72] RIZZI, ENRICO, IT  
[71] AMMONIA CASALE S.A., CH  
[85] 2003-09-24  
[86] 2002-04-08 (EP2002003839)  
[87] 2002-10-24 (2002083287)  
[30] EP (01109067.7) 2001-04-11

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**[21] 2,442,132**  
[13] A1

[51] Int.Cl. 7H04M 1/00 7H04N 5/232  
[25] EN  
[54] COLLAPSIBLE CELLULAR COMMUNICATION TERMINAL HAVING A CAMERA HAVING PHOTOGRAPHING CONTROL FUNCTION AND PHOTOGRAPHING CONTROL METHOD IN THE TERMINAL  
[54] TERMINAL DE COMMUNICATION CELLULAIRE EXTENSIBLE, DOTE D'UNE CAMERA A FONCTION DE CONTROLE PHOTOGRAPHIQUE, ET PROCEDE DE CONTROLE PHOTOGRAPHIQUE DANS LE TERMINAL  
[72] NAKAE, KAZUAKI, JP  
[72] HIROTA, NAO, JP  
[72] MATSUO, TORU, JP  
[71] SANYO ELECTRIC CO., LTD., JP  
[85] 2003-09-24  
[86] 2002-04-01 (JP2002003245)  
[87] 2002-10-17 (2002082786)  
[30] JP (2001-105199) 2001-04-03

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**[21] 2,442,134**  
[13] A1

[51] Int.Cl. 7C12N 15/12 7A61K 38/00  
7C12P 21/02 7A61P 17/06 7C12N 15/09  
7C12N 5/10 7A61K 38/17 7C07K 16/18  
7C07K 14/47 7G01N 33/53 7C12N 15/63  
7C12Q 1/68  
[25] EN  
[54] COMPOSITIONS AND METHODS FOR DIAGNOSING OR TREATING PSORIASIS  
[54] COMPOSITIONS ET METHODES DE DIAGNOSTIC OU DE TRAITEMENT DU PSORIASIS  
[72] ARGONZA-BARRETT, RHODORA H., US  
[72] SMITH, RYAN C., US  
[72] FITZGIBBON, MATTHEW P., US  
[72] CHARMLEY, PATRICK R., US  
[72] WANG, KAI, US  
[71] CELLTECH R & D, INC., US  
[85] 2003-09-23  
[86] 2002-03-28 (US2002010159)  
[87] 2002-10-10 (2002078729)  
[30] US (60/280,514) 2001-03-29

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**[21] 2,442,136**  
[13] A1

[51] Int.Cl. 7G06F 17/60 7B41L 47/00  
[25] EN  
[54] ELECTRONIC SHIPPING SYSTEM FOR PACKAGE PICKUP AND ANYWHERE TO ANYWHERE DELIVERY  
[54] SYSTEME D'EXPEDITION ELECTRONIQUE POUR LE RAMASSAGE DE COLIS ET LA DISTRIBUTION GEOGRAPHIQUEMENT ILLIMITEE  
[72] WOODS, BRUCE, US  
[72] DONOHUE, MIKE, US  
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US  
[85] 2003-09-23  
[86] 2002-03-29 (US2002009847)  
[87] 2002-10-10 (2002080436)  
[30] US (60/280,063) 2001-03-30

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**[21] 2,442,137**  
[13] A1

[51] Int.Cl. 7G01V 9/00 7G01V 13/00  
7G08B 21/18  
[25] EN  
[54] WIRELESS BARRIER-EDGE MONITOR DEVICE AND METHOD  
[54] PROCEDE ET DISPOSITIF HERTZIENS DE SURVEILLANCE EN BORDURE DE BARRIERE  
[72] PONGRAZZI, KEVIN, US  
[72] MEHALSHICK, GEORGE M., US  
[72] STAUB, CHRISTOPHER J., US  
[71] THE CHAMBERLAIN GROUP, INC., US  
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[54] PROCEDE ET APPAREIL POUR INFORMATIONS DE DIAGNOSTIC AUDIBLES  
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[72] BROOKBANK, THOMAS A., US  
[72] STUDY, ROBERT, US  
[71] THE CHAMBERLAIN GROUP, INC., US  
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[54] PROCEDE DE PREPARATION DE 6-ARYL-4H-S-TRIAZOLO[3,4-C]-THIENO[2,3-E]-1,4-DIAZEPINES  
[72] LOCK, RALF, DE  
[72] BELZER, WERNER, DE  
[71] BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, DE  
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[86] 2002-03-26 (EP2002003352)  
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[72] NAKANO, TAKICHI, JP  
[71] YUGEN KAISHA SOGO LEASE, JP  
[85] 2003-09-23  
[86] 2002-03-25 (JP2002002823)  
[87] 2002-10-17 (2002081113)  
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[54] COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS FOR INHIBITING MRP1  
[54] COMPOSES ET COMPOSITIONS PHARMACEUTIQUES DESTINES A INHIBER LA PROTEINE MRP1  
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[72] MUEHL, BRIAN STEPHEN, US  
[72] JUNGHEIM, LOUIS NICKOLAUS, US  
[72] THRASHER, KENNETH JEFF, US  
[71] ELI LILLY AND COMPANY, US  
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[72] MALKAMAKI, ESA, FI  
[71] NOKIA CORPORATION, FI  
[85] 2003-09-23  
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[71] THE SUN TRUST, L.L.C., US  
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[30] US (09/867,196) 2001-05-29

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[25] EN  
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[54] SUSPENSIONS DE PEINTURES PULVERULENTES (SUSPENSIONS DE POUDRES) ET PEINTURES PULVERULENTES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION  
[72] BREMSER, WOLFGANG, DE  
[72] STANG, MICHAEL, DE  
[72] JUNG, WERNER-ALFONS, DE  
[72] WOLF, HEIKO, DE  
[71] BASF COATINGS AG, DE  
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[30] DE (101 26 651.0) 2001-06-01

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[54] PRISE DE FORCE SUR TRANSMISSION DE PUISSANCE INTEGRALE PERMANENTE POUR VEHICULE A MOTEUR  
[72] BOWEN, THOMAS C., US  
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[71] NEW VENTURE GEAR, INC., US  
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[54] BOBINE DETECTRICE A LEVIER DE MOUVEMENTS RESPIRATOIRES ET CARDIAQUES  
[72] FISHBEIN, KENNETH W., US  
[72] MCCONVILLE, PATRICK, US  
[72] SPENCER, RICHARD G. S., US  
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[72] BOWLES, ANGELA, AU  
[71] BHP INNOVATION PTY LTD., AU  
[85] 2003-09-25  
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[54] AFFUTEUSE DE LAMES DE SCIE  
[72] WIMBLE, GARY, US  
[72] WAGNER, ROLAND, DE  
[72] TURNAU, ANDREE, DE  
[71] WALTER AG, DE  
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[72] KACIAN, DANIEL L., US  
[72] KENNEDY, MARK R., US  
[72] CARTER, NICK M., US  
[71] GEN-PROBE INCORPORATED, US  
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[54] DISPOSITIF DE SEPARATION DE LIQUIDES  
[72] AAREBRAAT, PER ARILD, NO  
[71] PERIGON DA, NO  
[85] 2003-09-24  
[86] 2002-03-25 (NO2002000124)  
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[30] NO (2001 1529) 2001-03-26  
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[54] DEVICE FOR GENERATING AN ION BEAM  
[72] LAGADEC, YVON, FR  
[72] SEPTIER, ALBERT, FR  
[72] GIERAK, JACQUES, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
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[54] SYNTHESE ENANTIOSELECTIVE DE COMPOSES INTERMEDIAIRES D'AZETIDINONE  
[72] FU, XIAOYONG, US  
[72] MCALLISTER, TIMOTHY L., US  
[72] THIRUVENGADAM, T. K., US  
[72] TANN, CHOU-HONG, US  
[71] SCHERING CORPORATION, US  
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[71] SCHERING CORPORATION, US  
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[72] ANGMAN, PER G., CA  
[72] HUGHES, JOHN, CA  
[71] TESCO CORPORATION, CA  
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[72] BONGARDT, FRANK, DE  
[72] CHRISTOPH, RALF, DE  
[71] COGNIS DEUTSCHLAND GMBH &  
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[72] SCHWARTZ, VLADIMIR, US  
[72] MALKIN, JACOB, US  
[72] CHERNOBROD, BORIS, US  
[71] OPTABYTE, INC., US  
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[25] EN  
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DERIVATIVES HAVING POTENT CB1-  
ANTAGONISTIC ACTIVITY  
[54] DERIVES 4,5-DIHYDRO-1H-  
PYRAZOLE PRESENTANT UNE  
PUISSANTE ACTIVITE ANTAGONISTE  
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[72] KRUSE, CORNELIS G., NL  
[72] HERREMANS, ARNOLDUS H. J., NL  
[72] LANGE, JOSEPHUS H. M., NL  
[72] TIPKER, JACOBUS, NL  
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[71] SOLVAY PHARMACEUTICALS B.V.,  
NL  
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[72] WELKIE, DAVID G., US  
[71] ANALYTICA OF BRANDFORD, INC.,  
US  
[85] 2003-09-25  
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[72] STRISSEL, JERRY F., US  
[72] STIEFEL, MICHAEL J., US  
[72] BALL, DALE, US  
[71] SYNGENTA SEEDS, INC., US  
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[72] YAZID, SAIDI M., US  
[72] BARKER, JEREMY, GB  
[71] VALENCE TECHNOLOGY, INC., US  
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[71] SCIMED LIFE SYSTEMS, INC., US  
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[54] TAMPON PRESENTANT DES RAINURES SPIRALEES  
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[71] JOHNSON & JOHNSON GMBH, DE  
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[54] DISPOSITIFS D'ADMINISTRATION DE MEDICAMENT PAR VOIE INTRAVAGINALE DESTINES A L'ADMINISTRATION D'AGENT ANTIMICROBIEN  
[72] WOOLFSON, DAVID, GB  
[72] ELLIOTT, GRANT, GB  
[72] MALCOLM, KARL, GB  
[72] SHEPHARD, MARTIN, GB  
[71] GALEN (CHEMICALS) LIMITED, IE  
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[87] 2002-10-03 (2002076426)  
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[72] ROMERO OLMEDO, MATIAS, ES  
[71] TRADE DESHIDA, S.L., ES  
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[30] ES (P 0100707) 2001-03-27  
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[72] HILL, IRA D., US  
[72] BARLOW, DAVID, GB  
[72] BROWN, DALE G., US  
[72] ROBERTS, IAN, GB  
[71] PERI-DENT LIMITED, GB  
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[71] MEIJI SEIKA KAISHA, LTD., JP  
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[86] 2002-04-26 (JP2002004278)  
[87] 2002-11-07 (2002087588)  
[30] JP (2001-130290) 2001-04-26

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[25] EN  
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[54] COMPOSITION DE RESINE D'ENCAPSULATION POUR SEMI-CONDUCTEUR OPTIQUE  
[72] NAITOH, SHIGEKI, JP  
[72] KAWAGUCHI, YUJIRO, JP  
[72] HASEGAWA, TOSHIYUKI, JP  
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP  
[85] 2003-09-25  
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[87] 2003-03-27 (2003025043)  
[30] JP (2001/279518) 2001-09-14

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[25] EN  
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[54] POLYETHER CETONE CETONE SULFONE  
[72] BAUER, BERND, DE  
[71] FUMATECH GMBH, DE  
[85] 2003-09-25  
[86] 2002-03-27 (EP2002003402)  
[87] 2002-10-03 (2002077068)  
[30] DE (101 16 391.6) 2001-03-28

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[25] EN  
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[54] COMPOSES A ACTION PHARMACEUTIQUE  
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[72] DACK, KEVIN NEIL, GB  
[72] KEMP, MARK IAN, GB  
[71] PFIZER INC., US  
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[87] 2002-10-10 (2002079203)  
[30] GB (0107751.0) 2001-03-28

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[54] ADDITIVE FOR CELL AND ELECTRIC DOUBLE-LAYERED CAPACITOR  
[54] ADDITIF POUR PILE ET CONDENSATEUR ELECTRIQUE DOUBLE COUCHE  
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[72] OTSUKI, MASASHI, JP  
[72] ENDO, SHIGEKI, JP  
[71] BRIDGESTONE CORPORATION, JP  
[85] 2003-09-25  
[86] 2002-03-27 (JP2002003010)  
[87] 2002-10-17 (2002082575)  
[30] JP (2001-98729) 2001-03-30  
[30] JP (2001-98730) 2001-03-30  
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[54] NOUVEAUX DERIVES DE PYRIMIDINE-2,4,6-TRIONE, PROCEDES DE PREPARATION CORRESPONDANTS, ET AGENTS PHARMACEUTIQUES CONTENANT CES COMPOSES  
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[72] KRELL, HANS-WILLI, DE  
[72] LEINERT, HERBERT, DE  
[72] GRAMS, FRANK, DE  
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[72] DELANGE, RICHARD W., US  
[71] GRANT PRIDECO, L.P., US  
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[25] EN  
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[54] INCORPORATION DE PROTEINES DE LACTOSERUM DANS DES DENREES ALIMENTAIRES  
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[72] SPIEGEL, THOMAS L., US  
[71] KRAFT FOODS R & D, INC., DE  
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[72] PEDIGO, JESSE, US  
[72] IWAMOTO, NANCY, US  
[71] HONEYWELL INTERNATIONAL INC., US  
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[25] EN  
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[54] MULTIPLEXAGE DE DIVISION DE PUISSANCE A SIGNAUX INCOHERENTS ET A HIERARCHIE DE PUISSANCE FIXE  
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[71] HUGHES ELECTRONICS CORPORATION, US  
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[25] EN  
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[54] SYSTEME ET PROCEDE DE GESTION DE TRANSACTIONS AUTOMATISEES  
[72] PHILLIPS, CHRIS, US  
[72] KENDALL, JOHN, US  
[71] CLEAR TECHNOLOGY, INC., US  
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[54] SYSTEME DE COMMANDE DE TRANSMISSIONS MULTIPLES DANS UN VEHICULE  
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[72] STUMMER, MARK JAMES, AU  
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[85] 2003-09-19  
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[25] EN  
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[54] DERIVES D'OXATRIAZACYCLOPENTANAPHTHALENE UTILES EN TANT QU'INHIBITEURS DE MRP1  
[72] BONJOUKLIAN, ROSANNE, US  
[72] THRASHER, KENNETH JEFF, US  
[72] JUNGHEIM, LOUIS NICKOLAUS, US  
[71] ELI LILLY AND COMPANY, US  
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[54] APPAREIL A EXTRAIRE UN TISSU MICRO-INVASIF  
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[71] STRYKER PUERTO RICO LIMITED, US  
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[30] US (60/305,178) 2001-07-13  
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[54] COMPOSES ET METHODES PERMETTANT D'INHIBER LA PROTEINE 1 DE RESISTANCE PLEIOTROPE (MRP1)  
[72] LANDER, PETER AMBROSE, US  
[72] LOHMAN, MARK CHRISTOPHER, US  
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[30] US (60/282,643) 2001-04-09

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[25] EN  
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[54] NOUVEAUX SEL ET FORMES CRISTALLINES DE (2R)-ANTI-5-[3-[4-(10,11-DIFLUOROMETHANODIBENZOSUBER-5-YL)PIPERAZIN-1-YL]-2-HYDROXYPROPOXY}QUINOLINE  
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[72] REUTZEL-EDENS, SUSAN MARIE, US  
[71] ELI LILLY AND COMPANY, US  
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[13] A1

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[25] EN  
[54] BALLISTIC RESISTANT ARTICLE  
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[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
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[13] A1

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[25] EN  
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[54] PROCEDES ET DISPOSITIFS POUR LA RECUPERATION DE DONNEES DE SPECTROSCOPIE RMN  
[72] CHEN, WEI, US  
[72] UGURBIL, KAMIL, US  
[72] LIU, HAIYING, US  
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US  
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[25] EN  
[54] PORTABLE FIRE PROTECTION APPARATUS AND METHOD USING WATER MIST  
[54] APPAREIL PORTABLE DE PROTECTION CONTRE LE FEU ET PROCEDE UTILISANT LE BROUILLARD D'EAU  
[72] YEN, PING-LI, US  
[72] LIU, ZHIGANG, CA  
[72] KIM, ANDREW K., CA  
[72] CARPENTER, DONALD W., CA  
[71] YEN, PING-LI, US  
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[25] EN  
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[54] METATHÈSE CROISEE A OUVERTURE DU CYCLE SELECTIVE DE CYCLO-OLEFINES  
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[72] CHOI, TAE-LIM, US  
[72] MORGAN, JOHN P., US  
[72] MORRILL, CHRISTIE, US  
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[25] EN  
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WIPE ARTICLE ASSOCIATED  
THEREWITH  
[54] SERVIETTE HYGIENIQUE A  
LAQUELLE EST ASSOCIEE UN  
ARTICLE NETTOYANT  
[72] STEGER, CHRISTINE G., US  
[72] DARBY, DENNIS ALLEN, US  
[71] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 2003-09-17  
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[13] A1

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7C07D 263/58 7C07D 277/70  
[25] EN

[54] ENERGY STORAGE DEVICE  
MATERIAL PRODUCED FROM  
HETEROCYCLIC ORGANOSULFUR  
COMPOUNDS AND METHOD OF  
DESIGNING SAME  
[54] MATERIAU DE DISPOSITIF DE  
STOCKAGE D'ENERGIE PRODUIT A  
PARTIR DE COMPOSES  
ORGANOSOUFRES  
HETEROCYCLIQUES ET METHODE  
D'ELABORATION DUDIT MATERIAU  
[72] SUEMATSU, SHUNZO, JP  
[72] NAOI, KATSUHIKO, JP  
[72] WAKABAYASHI, TOSHIKI, JP  
[71] NAOI, KATSUHIKO, JP  
[71] NAOI, KENZO, JP  
[85] 2003-09-26  
[86] 2002-03-28 (JP2002003053)  
[87] 2002-09-30 (2002082569)  
[30] JP (2001-102704) 2001-03-30

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METHODS FOR DRUG DISCOVERY  
[54] SONDES, SYSTEMES ET  
METHODES POUR LE DEPISTAGE DE  
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[72] MJALLI, ADNAN M.M., US  
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[72] BAUDRY, JEROME, US  
[72] YOKUM, SCOTT, US  
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SYNTHEZIZER WITH FRACTIONAL  
COMPENSATION METHOD  
[54] SYNTETISEUR DE FREQUENCE  
N-FRACTIONNAIRE AVEC PROCEDE  
DE COMPENSATION  
FRACTIONNAIRE  
[72] KOO, YIDO, KR  
[72] LEE, KANG YOON, KR  
[72] PARK, JOONBAE, KR  
[72] LEE, JEONGWOO, KR  
[72] SONG, EUNSEOK, KR  
[72] HUH, HYUNGKI, KR  
[72] LEE, KYEONGHO, KR  
[71] GCT SEMICONDUCTOR, INC., US  
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[87] 2002-09-26 (2002076009)  
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[30] US (09/940,807) 2001-08-29  
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7C12P 21/02 7C07K 7/06 7C07K 7/08  
7C12N 1/21  
[25] EN  
[54] METHOD FOR THE SECTETION  
AND PRODUCTION OF PROTEIN  
[54] PROCEDE DE SECRETION ET DE  
PRODUCTION DE PROTEINE  
[72] MATSUI, HIROSHI, JP  
[72] HEIMA, HARUO, JP  
[72] DATE, MASAYO, JP  
[72] YOKOYAMA, KEIICHI, JP  
[72] UMEZAWA, YUKIKO, JP  
[72] KIKUCHI, YOSHIMI, JP  
[71] AJINOMOTO CO., INC., JP  
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[30] JP (2001-98808) 2001-03-30

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7G01N 33/53 7C12Q 1/68 7C07K 14/705

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NUCLEIC ACIDS ENCODING SAME,  
AND METHODS OF USE

[54] POLYPEPTIDES

THERAPEUTIQUES, ACIDES  
NUCLEIQUES LES CODANT, ET  
PROCEDES D'UTILISATION

[72] FURTAK, KATARZYNA, US

[72] PATTURAJAN, MEERA, US

[72] BURGESS, CATHERINE E., US

[72] CASMAN, STACIE J., US

[72] GERLACH, VALERIE, US

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[72] BOLDOG, FERENC L., US

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[72] VOSS, EDWARD Z., US

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7G01N 33/53 7C12Q 1/68  
[25] EN  
[54] NOVEL ANTIBODIES THAT BIND TO ANTIGENIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING THE ANTIGENS, AND METHODS OF USE  
[54] NOUVEAUX ANTICORPS SE LIANT A DES POLYPEPTIDES ANTIGENIQUES, ACIDES NUCLEIQUES CODANT POUR CES ANTIGENES, ET PROCEDES D'UTILISATION DE CEUX-CI  
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[71] CURAGEN CORPORATION, US  
[85] 2003-09-30  
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[30] US (60/281,086) 2001-04-03  
[30] US (60/281,906) 2001-04-05  
[30] US (60/282,020) 2001-04-06  
[30] US (60/282,930) 2001-04-10  
[30] US (60/283,512) 2001-04-12  
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[30] US (60/283,657) 2001-04-13  
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[30] US (60/285,381) 2001-04-20  
[30] US (60/286,068) 2001-04-24  
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[25] EN  
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[54] DERIVES DE LA QUINAZOLINE  
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[72] SUZUKI, TSUYOSHI, JP  
[72] KITANO, YASUNORI, JP  
[72] ABE, DAISUKE, JP  
[72] UEDA, NAOKO, JP  
[72] NAKAJOU, MASAHIRO, JP  
[71] MITSUBISHI PHARMA  
CORPORATION, JP  
[85] 2003-09-25  
[86] 2002-02-21 (JP2002001575)  
[87] 2002-08-29 (2002066445)  
[30] JP (2001-45827) 2001-02-21  
[30] JP (2001-353525) 2001-11-19

[21] **2,442,772**  
[13] A1  
[51] Int.Cl. 7C12N 9/02 7C07H 21/00  
7C07K 1/00 7C12N 5/00 7C12N 15/00  
7C07H 21/04 7C12N 1/20 7C12Q 1/68  
[25] EN  
[54] ISOLATED HUMAN NADPH  
OXIDASE, NUCLEIC ACID  
MOLECULES ENCODING SAID  
PROTEINS, AND USES THEREOF  
[54] NADPH OXYDASE HUMAINE  
ISOLEE, MOLECULES D'ACIDE  
NUCLEIQUE CODANT LESDITES  
PROTEINES ET LEURS UTILISATIONS  
[72] MERKULOV, GENNADY V., US  
[72] SHAO, WEI, US  
[72] DI FRANCESCO, VALENTINA, US  
[72] BEASLEY, ELLEN M., US  
[71] PE CORPORATION (NY), US  
[85] 2003-09-29  
[86] 2002-03-26 (US2002009144)  
[87] 2002-10-10 (2002079224)  
[30] US (09/820,005) 2001-03-29

[21] **2,442,829**  
[13] A1  
[51] Int.Cl. 7C12N 15/57 7A01K 67/00  
7A61K 45/00 7C12N 9/00 7C12P 21/02  
7C12N 1/20 7C12Q 1/37 7C07K 16/40  
7C12N 9/48 7G01N 33/53 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 ASSOCIEES  
[72] DI FRANCESCO, VALENTINA, US  
[72] GAN, WEINIU, US  
[72] YE, JANE, US  
[72] BEASLEY, ELLEN M., US  
[71] PE CORPORATION (NY), US  
[85] 2003-09-29  
[86] 2002-03-28 (US2002009430)  
[87] 2002-10-10 (2002079228)  
[30] US (09/820,002) 2001-03-29

[21] **2,442,835**  
[13] A1  
[51] Int.Cl. 7C12N 15/55 7A01K 67/00  
7A61K 45/00 7C12P 21/02 7C12Q 1/02  
7C12N 15/12 7C12N 9/14 7C07K 16/18  
7C07K 16/40 7C07K 14/47 7G01N 33/53  
7C12Q 1/68 7C07K 14/82  
[25] EN  
[54] ISOLATED HUMAN RAS-LIKE  
PROTEINS, NUCLEIC ACID  
MOLECULES ENCODING THESE  
HUMAN RAS-LIKE PROTEINS, AND  
USES THEREOF  
[54] PROTEINES HUMAINES ISOLEES  
DU GENRE RAS, MOLECULES  
D'ACIDE NUCLEIQUE CODANT POUR  
ELLES ET LEURS UTILISATIONS  
[72] MERKULOV, GENNADY V., US  
[72] BEASLEY, ELLEN M., US  
[72] DI FRANCESCO, VALENTINA, US  
[71] PE CORPORATION (NY), US  
[85] 2003-09-29  
[86] 2002-03-28 (US2002009475)  
[87] 2002-10-10 (2002079407)  
[30] US (09/820,003) 2001-03-29

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**[21] 2,442,838**  
[13] A1

[51] Int.Cl. 7C12N 9/04 7C07K 17/00  
7C12Q 1/26  
[25] EN  
[54] ISOLATED HUMAN ENZYME PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN ENZYME PROTEINS, AND USES THEREOF  
[54] PROTEINES ENZYMATIQUES HUMAINES ISOLEES, MOLECULES D'ACIDES NUCLEIQUES CODANT DES PROTEINES ENZYMATIQUES HUMAINES ET LEURS UTILISATIONS  
[72] GONG, FANGCHENG, US  
[72] YAN, CHUNHUA, US  
[72] DI FRANCESCO, VALENTINA, US  
[72] BEASLEY, ELLEN M., US  
[71] PE CORPORATION (NY), US  
[85] 2003-09-29  
[86] 2002-03-28 (US2002009489)  
[87] 2002-10-10 (2002079462)  
[30] US (09/819,993) 2001-03-29

**[21] 2,442,843**  
[13] A1

[51] Int.Cl. 7C12N 15/55 7A01K 67/00  
7A61K 45/00 7C12P 21/02 7C12Q 1/02  
7C12N 15/12 7C12N 9/14 7C07K 16/18  
7C07K 16/40 7C07K 14/47 7G01N 33/53  
7C12Q 1/68 7C07K 14/82  
[25] EN  
[54] ISOLATED HUMAN RAS-LIKE PROTEINS, NUCLEIC ACID MOLECULES ENCODING THESE HUMAN RAS-LIKE PROTEINS, AND USES THEREOF  
[54] PROTEINES HUMAINES ISOLEES DE TYPE RAS, MOLECULES D'ACIDES NUCLEIQUES CODANT CES DERNIERES ET LEURS UTILISATIONS  
[72] DI FRANCESCO, VALENTINA, US  
[72] YE, JANE, US  
[72] BEASLEY, ELLEN M., US  
[72] CHUNHUA, YAN, US  
[71] PE CORPORATION (NY), US  
[85] 2003-09-29  
[86] 2002-03-28 (US2002009546)  
[87] 2002-10-10 (2002079494)  
[30] US (09/819,994) 2001-03-29

**[21] 2,443,289**  
[13] A1

[51] Int.Cl. 7C07C 211/51 7A61K 7/13  
[25] EN  
[54] 1,3-DIAMINO-4-(AMINOMETHYL)-BENZENE DERIVATIVES AND COLORANTS CONTAINING SAID COMPOUNDS  
[54] DERIVES DE 1,3-DIAMINO-4-(AMINOMETHYL)-BENZENE ET COLORANTS RENFERMANT CES COMPOSES  
[72] CHASSOT, LAURENT, CH  
[72] BRAUN, HANS-JUERGEN, CH  
[71] P&G-CLAIROL, INC., US  
[85] 2003-09-22  
[86] 2001-10-19 (EP2001012124)  
[87] 2002-10-03 (2002076923)  
[30] DE (101 14 084.3) 2001-03-22

**[21] 2,442,841**  
[13] A1

[51] Int.Cl. 7C07H 21/02 7A61K 48/00  
7A01N 63/00 7C12N 15/00 7C07H 21/04  
7C12N 15/09 7C12N 15/63 7C12N 15/70  
7C12N 15/74  
[25] EN  
[54] ISOLATED HUMAN G-PROTEIN COUPLED RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR PROTEINS, AND USES THEREOF  
[54] RECEPTEURS COUPLES AUX PROTEINES G HUMAINES (GPCR) ISOLES, MOLECULES D'ACIDES NUCLEIQUES CODANT DES PROTEINES DE GPCR ET LEURS UTILISATIONS  
[72] DI FRANCESCO, VALENTINA, US  
[72] WEI, MING-HUI, US  
[72] GONG, FANGCHENG, US  
[72] BEASLEY, ELLEN M., US  
[71] PE CORPORATION (NY), US  
[85] 2003-09-29  
[86] 2002-03-28 (US2002009545)  
[87] 2002-10-10 (2002079229)  
[30] US (09/820,095) 2001-03-29

**[21] 2,442,859**  
[13] A1

[51] Int.Cl. 7F02K 1/82 7B64D 41/00  
7B64D 33/08 7F02K 1/36  
[25] EN  
[54] TORTUOUS PATH EXHAUST EDUCTOR SYSTEM  
[54] SYSTEME EJECTEUR D'EVACUATION A CONDUITS SINUEUX  
[72] SHEORAN, YOGENDRA Y., US  
[72] EDMONDS, DAVID H., US  
[72] BROWN, DANIEL V., US  
[71] HONEYWELL INTERNATIONAL INC., US  
[85] 2003-09-26  
[86] 2002-03-26 (US2002009387)  
[87] 2002-10-10 (2002079631)  
[30] US (60/279,819) 2001-03-29  
[30] US (10/054,003) 2002-01-21

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[21] 2,443,408  
[13] A1

[51] Int.Cl. 7C12N 15/55 7A01K 67/00  
7C12P 21/02 7C12P 21/08 7C12N 9/12  
7C12N 9/16 7A61K 39/395 7C07K 16/40  
7A61K 38/45 7A61K 38/46 7G01N 33/53  
7C12N 15/54 7G01N 33/573 7C12Q 1/68  
[25] EN  
[54] KINASES AND PHOSPHATASES  
[54] KINASES ET PHOSPHATASES  
[72] BAUGHN, MARIAH R., US  
[72] SWARNAKAR, ANITA, US  
[72] BOROWSKY, MARK L., US  
[72] LEE, SOO YEUN, US  
[72] BURFORD, NEIL, US  
[72] LU, YAN, US  
[72] FORSYTHE, IAN J., US  
[72] GURURAJAN, RAJAGOPAL, US  
[72] THORNTON, MICHAEL, US  
[72] TANG, Y. TOM, US  
[72] WALSH, RODERICK T., GB  
[72] GANDHI, AMEENA R., US  
[72] ZINGLER, KURT A., US  
[72] ISON, CRAIG H., US  
[72] LEE, SALLY, US  
[72] ARVIZU, CHANDRA S., US  
[72] AU-YOUNG, JANICE K., US  
[72] ELLIOTT, VICKI S., US  
[72] YUE, HENRY, US  
[72] BURRILL, JOHN D., US  
[72] DING, LI, US  
[72] BANDMAN, OLGA, US  
[72] MARCUS, GREGORY A., US  
[72] HAFALIA, APRIL J. A., US  
[72] RECIPON, SHIRLEY A., US  
[72] YAO, MONIQUE G., US  
[72] LU, DYUNG AINA M., US  
[72] RAMKUMAR, JAYALAXMI, US  
[72] WALIA, NARINDER K., US  
[71] INCYTE SAN DIEGO, INC., US  
[85] 2003-10-03  
[86] 2002-04-05 (US2002010818)  
[87] 2002-10-24 (2002083709)  
[30] US (60/282,119) 2001-04-06  
[30] US (60/283,588) 2001-04-13  
[30] US (60/283,759) 2001-04-13  
[30] US (60/285,589) 2001-04-20  
[30] US (60/287,037) 2001-04-27  
[30] US (60/287,036) 2001-04-27  
[30] US (60/288,608) 2001-05-04  
[30] US (60/288,712) 2001-05-04  
[30] US (60/289,909) 2001-05-09  
[30] US (60/292,246) 2001-05-17

[21] 2,443,486  
[13] A1

[51] Int.Cl. 7G01R 31/28  
[25] EN  
[54] ANIONIC POLYMERS COMPOSED  
OF DICARBOXYLIC ACIDS AND USES  
THEREOF  
[54] POLYMERES ANIONIQUES  
COMPOSES D'ACIDES  
DICARBOXYLIQUES ET LEURS  
UTILISATIONS  
[72] MAZO, JACOB, US  
[72] MAZO, GRIGORY, US  
[72] SANDERS, JOHN LARRY, US  
[71] SPECIALTY FERTILIZER  
PRODUCTS, LLC, US  
[71] SANDERS, JOHN LARRY, US  
[85] 2003-09-19  
[86] 2002-02-27 (US2002006456)  
[87] 2002-09-12 (2002071086)  
[30] US (09/799,210) 2001-03-05

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[21] 2,443,863  
[13] A1

[51] Int.Cl. 7F02D 25/02 7B60L 15/32  
[25] EN  
[54] SYSTEM FOR THE CONTROL OF  
MULTIPLE ENGINES IN A MULTI-  
COMBINATION VEHICLE  
[54] SYSTEME DE COMMANDE DE  
MOTEURS MULTIPLES DANS UN  
VEHICULE MULTICOMBINAISONS  
[72] STUMMER, MARK JAMES, AU  
[71] COOPER, JAMES W., AU  
[85] 2003-09-19  
[86] 2002-05-14 (AU2002000667)  
[87] 2003-11-14 ()

[21] 2,443,869  
[13] A1

[51] Int.Cl. 7C04B 28/14 7C04B 24/22  
7C04B 24/26 7C04B 24/36  
[25] EN  
[54] FORMULATIONS CONTAINING  
POLYVINYL ALCOHOL AND  
SULPHONATED MELAMINE  
POLYCONDENSATE FOR USE IN  
GYPSUM SLURRIES  
[54] FORMULATIONS CONTENANT  
DU POLYVINYL ALCOOL ET DU  
POLYCONDENSAT DE MELAMINE  
SULFONEE DESTINEES A ETRE  
UTILISEES DANS DES PATES DE  
PLATRE  
[72] SINNIGE, LAURENCE ANTHONY,  
CA  
[71] WALKER INDUSTRIES HOLDINGS  
LIMITED, CA  
[85] 2003-09-19  
[86] 2002-04-02 (CA2002000487)  
[87] 2002-10-17 (2002081400)  
[30] US (60/280,760) 2001-04-03

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[21] 2,444,538  
[13] A1

[51] Int.Cl. 7A61M 5/315  
[25] EN  
[54] SYRINGE AND METHOD FOR THE  
USE THEREOF  
[54] SERINGUE ET PROCEDE  
D'UTILISATION  
[72] ACHA GANDARIAS, PEDRO, ES  
[71] PAGE 65, S.L., ES  
[71] SCB, S.A., ES  
[85] 2003-07-08  
[86] 2001-05-10 (ES2001000182)  
[87] 2002-07-18 (2002055141)  
[30] ES (P 200100060) 2001-01-10

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[21] 2,444,629  
[13] A1

[51] Int.Cl. 7A61F 2/44  
[25] EN  
[54] IMPLANTABLE PROSTHETIC OR  
TISSUE EXPANDING DEVICE  
[54] PROTHESE OU TISSU  
EXPANDABLE IMPLANTABLES  
[72] ZUCHERMAN, JAMES F., US  
[72] HSU, KEN Y., US  
[72] YERBY, SCOTT, US  
[72] SMITH, ROBERT A., US  
[71] KERAPLAST TECHNOLOGIES,  
LTD., US  
[85] 2003-09-22  
[86] 2002-03-20 (US2002008576)  
[87] 2002-10-03 (2002076336)  
[30] US (09/815,387) 2001-03-22

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[21] **2,444,633**

[13] A1

[51] **Int.Cl. 7A61B 5/00**

[25] EN

[54] **DIAGNOSTIC SYSTEM AND  
PORTABLE TELEPHONE DEVICE**  
[54] **SISTÈME DE DIAGNOSTIC ET  
TELEPHONE PORTABLE**

[72] YOSHIMINE, TAKASHI, JP

[71] YOSHIMINE, TAKASHI, JP

[85] 2003-09-24

[86] 2002-07-31 (JP2002007820)

[87] 2003-08-21 (2003068062)

[30] JP (2002-40028) 2002-02-18

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[21] **2,444,777**

[13] A1

[51] **Int.Cl. 7B25B 13/46**

[25] EN

[54] **UNIDIRECTIONAL RATCHET  
WRENCH**

[54] **CLE A ROCHET**

**UNIDIRECTIONNEL**

[72] DEKEUSTER, MICHAEL T., US

[72] FOSTER, MICHAEL L., US

[71] SNAP-ON TECHNOLOGIES, INC., US

[85] 2003-10-23

[86] 2003-05-08 (US2003014281)

[87] 2003-11-13 (2003097303)

[30] US (10/144,298) 2002-05-13

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[21] 2,444,071  
[13] A1

[51] Int.Cl. 7C07H 19/16 7A61P 7/00  
7A61K 45/06 7A61K 9/127 7A61K 38/16  
7C07H 19/167 7A61K 31/513 7A61K 31/  
675 7A61K 31/708  
[25] EN  
[54] OXYPURINE NUCLEOSIDES AND  
THEIR CONGENERS, AND ACYL  
DERIVATIVES THEREOF, FOR  
IMPROVEMENT OF HEMATOPOIESIS  
[54] NUCLEOSIDES OXYPURINIQUES,  
LEURS CONGENÈRES ET LEURS  
DERIVES ACYLES SUTLISES DANS LA  
STIMULATION DE L'HEMATOPOIESE  
[72] HILTBRAND, BRADLEY MARK, US  
[72] BUTLER, JAMES CHARLES, US  
[72] BAMAT, MICHAEL KEVIN, US  
[72] VON BORSTEL, REID WARREN, US  
[71] WELLSTAT THERAPEUTICS  
CORPORATION, US  
[22] 1992-02-05  
[43] 1992-08-20  
[62] 2,100,655  
[30] US (07/653,882) 1991-02-08

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[21] 2,444,160  
[13] A1

[51] Int.Cl. 7B61D 17/04  
[25] EN  
[54] SIDEWALL CONSTRUCTION FOR  
RAIL ROAD CAR  
[54] PAROI A REBORD INCURVE  
POUR STRUCTURE DE BOUT DE  
WAGON DE CHEMIN DE FER  
[72] FORBES, JAMES W., CA  
[71] NATIONAL STEEL CAR LIMITED,  
CA  
[22] 1996-04-30  
[43] 1997-10-31  
[62] 2,175,446

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[21] 2,444,204  
[13] A1

[51] Int.Cl. 7C07C 255/46 7C07C 253/30  
[25] EN  
[54] COMPOUNDS AND METHOD FOR  
PREPARING SUBSTITUTED 4-  
PHENYL-4-CYANOCYCLOHEXANOIC  
ACIDS  
[54] COMPOSES ET PROCEDE DE  
PREPARATION D'ACIDES 4-PHENYL-  
4-CYANOCYCLOHEXANOIQUES  
SUBSTITUES  
[72] MENDELSON, WILFORD, US  
[72] DIEDERICH, ANN MARIE, US  
[72] ALLEN, ANDREW, US  
[72] LIU, LI, US  
[72] WEBB, KEVIN, US  
[71] SMITHKLINE BEECHAM  
CORPORATION, US  
[22] 1998-02-12  
[43] 1998-08-13  
[62] 2,279,951  
[30] US (60/037,608) 1997-02-12

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[21] 2,444,210  
[13] A1

[51] Int.Cl. 7C07C 255/46 7C07C 253/30  
[25] EN  
[54] COMPOUNDS AND METHOD FOR  
PREPARING SUBSTITUTED 4-  
PHENYL-4-CYANOCYCLOHEXANOIC  
ACIDS  
[54] COMPOSES ET PROCEDE DE  
PREPARATION D'ACIDES 4-PHENYL-  
4-CYANOCYCLOHEXANOIQUES  
SUBSTITUES  
[72] LIU, LI, US  
[72] MENDELSON, WILFORD, US  
[72] WEBB, KEVIN, US  
[72] DIEDERICH, ANN MARIE, US  
[72] ALLEN, ANDREW, US  
[71] SMITHKLINE BEECHAM  
CORPORATION, US  
[22] 1998-02-12  
[43] 1998-08-13  
[62] 2,279,951  
[30] US (60/037,608) 1997-02-12

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

[51] Int.Cl. 7H04M 11/06 7H04L 12/56  
7H04L 12/66  
[25] EN  
[54] TELECOMMUNICATIONS  
SYSTEM AND SUBSCRIBER  
EQUIPMENT THEREFOR  
[54] SYSTEME DE  
TELECOMMUNICATIONS ET  
EQUIPEMENT DE L'ABONNE  
[72] PESCHI, ROBERT NICOLAS LOUIS,  
BE  
[72] VAN AKEN, DIRK MARCEL  
JULIETTE, BE  
[72] VAN ROMPU, PETER ALAIN  
RICHARD, BE  
[72] PYNAERT, KURT, BE  
[72] SCHEPERS, PETER MATHIJS  
LEONARD, BE  
[72] SIMMERING, MARLIN V., US  
[72] REUSENS, PETER PAUL FRANS, BE  
[72] VAN WONTERGHEM, GEERT  
ARTHUR EDITH, BE  
[72] BOROWSKI, EMMANUEL FRANS,  
BE  
[72] VERLY, DANIEL ALOIS  
CORNELIUS, BE  
[72] CZERWIEC, RICHARD MARION, US  
[72] BOEKENS, EDUARD CHRISTIAN  
MARIA, BE  
[72] VAN CAMPENHOUT, GILBERT  
ALFONS FRANCOISE, BE  
[72] RYCHEBUSCH, FRANK, BE  
[72] DE WULF, KEON AMBROISE  
GODELIEVE, BE  
[72] BAILEY, RICHARD HAYWOOD, US  
[72] VERBUEKEN, HERMAN LEO  
ROSALIA, BE  
[72] VAN DER AUWERA, CHRIS, BE  
[72] SUTHERLAND, JOSEPH E., US  
[71] ALCATEL, FR  
[22] 1998-06-10  
[43] 1999-01-10  
[62] 2,237,145  
[30] US (08/891,145) 1997-07-10

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[21] 2,444,419  
[13] A1

[51] Int.Cl. 7H04Q 1/18 7H04M 11/06  
7H04Q 1/14 7H04L 12/56 7H04L 12/66  
[25] EN  
[54] TELECOMMUNICATIONS RACK  
INCLUDING SHELVES WITH  
NONREDUNDANT BACKPLANES  
USED REDUNDANTLY  
[54] BAIE DE  
TELECOMMUNICATIONS INCLUANT  
DES CASIERS AVEC PLAQUES  
ARRIERES NON-REDONDANTES  
UTILISEES DE MANIERE  
REDONDANTE  
[72] PYNAERT, KURT, BE  
[72] VERBUEKEN, HERMAN LEO  
ROSALIA, BE  
[72] VAN ROMPU, PETER ALAIN  
RICHARD, BE  
[72] RYCKEBUSCH, FRANK, BE  
[72] PESCHI, ROBERT NICOLAS LOUIS,  
BE  
[72] VAN AKEN, DIRK MARCEL  
JULIETTE, BE  
[72] DE WULF, KOEN AMBROISE  
GODELIEVE, BE  
[72] SIMMERING, MARLIN V., US  
[72] VAN WONTERGHEM, GEERT  
ARTHUR EDITH, BE  
[72] VAN DER AUWERA, CHRIS, BE  
[72] VERLY, DANIEL ALOIS  
CORNELIUS, BE  
[72] BOEKENS, EDUARD CHRISTIAN  
MARIA, BE  
[72] VAN CAMPENHOUT, GILBERT  
ALFONS FRANCOISE, BE  
[72] BAILEY, RICHARD HAYWOOD, US  
[72] CZERWIEC, RICHARD MARION, US  
[72] BOROWSKI, EMMANUEL FRANS,  
BE  
[72] REUSENS, PETER PAUL FRAN, BE  
[72] SCHEPERS, PETER MATHIJS  
LEONARD, BE  
[72] SUTHERLAND, JOSEPH E., US  
[71] ALCATEL, FR  
[22] 1998-06-10  
[43] 1999-01-10  
[62] 2,237,145  
[30] US (08/891,145) 1997-07-10

[21] 2,444,420  
[13] A1

[51] Int.Cl. 7H04M 1/738 7H04M 11/06  
7H04Q 1/18  
[25] EN  
[54] LINE TERMINATION EQUIPMENT  
[54] EQUIPEMENT DE TERMINAISON  
DE LIGNE  
[72] RYCKEBUSCH, FRANK, BE  
[72] SUTHERLAND, JOSEPH E., US  
[72] VAN ROMPU, PETER ALAIN  
RICHARD, BE  
[72] VAN AKEN, DIRK MARCEL  
JULIETTE, BE  
[72] PESCHI, ROBERT NICOLAS LOUIS,  
BE  
[72] BOEKENS, EDUARD CHRISTIAN  
MARIA, BE  
[72] REUSENS, PETER PAUL FRANS, BE  
[72] VAN DER AUWERA, CHRIS, BE  
[72] BOROWSKI, EMMANUEL FRANS,  
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[72] CZERWIEC, RICHARD MARION, US  
[72] VAN CAMPENHOUT, GILBERT  
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[72] VERLY, DANIEL ALOIS  
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[72] VERLY, DANIEL ALOIS  
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[72] PYNAERT, KURT, BE  
[72] SCHEPERS, PETER MATHIJS  
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[72] BAILEY, RICHARD HAYWOOD, US  
[72] SIMMERING, MARLIN V., US  
[72] VAN WONTERGHEM, GEERT  
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[72] DE WULF, KOEN AMBROISE  
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[71] ALCATEL, FR  
[22] 1998-06-10  
[43] 1999-01-10  
[62] 2,237,145  
[30] US (08/891,145) 1997-07-10

[21] 2,444,586  
[13] A1

[51] Int.Cl. 7A61B 17/70 7A61F 2/44  
7A61B 17/84  
[25] EN  
[54] SPINAL IMPLANT SYSTEM  
[54] IMPLANT DE LA COLONNE  
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[72] ALLARD, RANDALL N., US  
[72] KOSER, ANTHONY L., US  
[72] KOROTKO, JOSEPH R., US  
[72] LOZIER, ANTONY J., US  
[71] BRISTOL-MYERS SQUIBB  
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[22] 1993-05-05  
[43] 1993-12-31  
[62] 2,095,599  
[30] US (07/906,901) 1992-06-30

[21] 2,444,588  
[13] A1

[51] Int.Cl. 7E21B 33/129  
[25] EN  
[54] HIGH TEMPERATURE, HIGH  
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[54] GARNITURE D'ETANCHEITE  
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[72] KILGORE, MARION D., US  
[72] GANO, JOHN C., US  
[71] HALLIBURTON ENERGY  
SERVICES, INC., US  
[22] 1997-03-05  
[43] 1997-09-06  
[62] 2,199,232  
[30] US (08/611,867) 1996-03-06

[21] 2,444,769  
[13] A1

[51] Int.Cl. 7A61B 17/068  
[25] EN  
[54] APPARATUS AND METHOD FOR  
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[54] APPAREIL ET METHODE  
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[72] YOUNG, WAYNE P., US  
[71] UNITED STATES SURGICAL  
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[22] 1992-10-09  
[43] 1993-04-19  
[62] 2,080,326  
[30] US (07/782,290) 1991-10-18

[21] 2,444,582  
[13] A1

[51] Int.Cl. 7B65G 17/08  
[25] EN  
[54] AUTOMATED LATERAL  
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[54] TRANSPORTEUR AUTOMATISE A  
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[72] BONNET, HENRI, US  
[71] UNITED PARCEL SERVICE OF  
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[22] 1998-01-20  
[43] 1998-07-23  
[62] 2,271,073  
[30] US (08/786,247) 1997-01-22

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[21] 2,444,773  
[13] A1

[51] Int.Cl. 7H04L 12/12 7H04L 29/02  
7H04M 11/06 7H04L 5/14  
[25] EN  
[54] ACTIVATION OF MULTIPLE XDSL MODEMS WITH HALF DUPLEX AND FULL DUPLEX PROCEDURES  
[54] ACTIVATION DE MULTIPLES MODEMS XDSL AU MOYEN DE PROCEDURES SEMI-DUPLEX ET DUPLEX INTEGRAL  
[72] PALM, STEPHEN, JP  
[71] MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS, INC., JP  
[22] 1999-12-29  
[43] 2000-07-13  
[62] 2,322,581  
[30] US (60/115,294) 1999-01-08

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[21] 2,444,789  
[13] A1

[51] Int.Cl. 7E21B 21/06  
[25] EN  
[54] LOW SHEAR TREATMENT FOR THE REMOVAL OF FREE HYDROCARBONS, INCLUDING BITUMEN, FROM CUTTINGS  
[54] RAITEMENT A FAIBLE CISAILLEMENT POUR L'ELIMINATION D'HYDROCARBURES LIBRES, Y COMPRIS DE BITUME, DE DEBLAIS

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[72] QUINTERO, LIRIO, US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2000-04-20  
[43] 2001-04-22  
[62] 2,306,523  
[30] US (09/425,753) 1999-10-22

[21] 2,444,794  
[13] A1

[51] Int.Cl. 7A61M 1/34 7A61M 1/36  
[25] EN  
[54] TECHNIQUE FOR EXTRACORPOREAL TREATMENT OF BLOOD  
[54] TECHNIQUE POUR LE TRAITEMENT EXTRACORPOREL DU SANG  
[72] TRUITT, LORI, US  
[72] MILLER, DOUGLAS P., US  
[72] LOBDELL, DONN D., US  
[72] CORBIN, FRANK III, US  
[72] EILERS, GEORGES, US  
[72] MANICA, KEITH, US  
[72] JOHNSON, STEVEN H., US  
[72] LEPPERT, LAWRENCE L., US  
[71] HOSPAL INDUSTRIE, FR  
[22] 1994-02-10  
[43] 1994-08-13  
[62] 2,115,414  
[30] US (08/017,571) 1993-02-12

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[21] 2,444,817  
[13] A1

[51] Int.Cl. 7F02D 41/40  
[25] EN  
[54] METHOD FOR ENGINE CONTROL  
[54] METHODE DE GESTION D'UN MOTEUR  
[72] WEISMAN, S. MILLER II, US  
[72] BABCOCK, DOUGLAS J., US  
[72] LETANG, DENNIS M., US  
[71] DETROIT DIESEL CORPORATION, US  
[22] 1994-08-18  
[43] 1995-03-02  
[62] 2,169,648  
[30] US (113,424) 1993-08-27

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[21] 2,444,833  
[13] A1

[51] Int.Cl. 7C07D 307/88  
[25] EN  
[54] LACTONE COMPOUNDS  
[54] COMPOSES DE LACTONE  
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[72] IWAKURA, HIKOZO, JP  
[72] TAKECHI, SHOZO, JP  
[72] SHIMIZU, SUMIO, JP  
[72] KIDA, SHIRO, JP  
[71] SHIONOGI & CO., LTD., JP  
[22] 1994-04-12  
[43] 1994-10-17  
[62] 2,121,060  
[30] JP (089946/1993) 1993-04-16

[21] 2,444,847  
[13] A1

[51] Int.Cl. 7B65B 57/14 7B65G 49/00  
7A61J 7/02 7B65B 57/18 7B65B 1/30  
[25] EN  
[54] TABLET PACKING APPARATUS  
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[72] MURAKAMI, HIDENORI, JP  
[72] KODAMA, TSUYOSHI, JP  
[72] YUYAMA, HIROYUKI, JP  
[71] YUYAMA MFG. CO., LTD., JP  
[22] 2001-04-10  
[43] 2001-10-11  
[62] 2,343,610  
[30] JP (2000-109302) 2000-04-11

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[21] 2,444,855  
[13] A1

[51] Int.Cl. 7G07D 9/00 7G07D 3/00  
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[25] EN  
[54] COIN HANDLING DEVICE  
[54] DISPOSITIF DE MANIPULATION DE PIECES  
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[72] YAGI, MASATO, JP  
[72] IIDA, NOBUYUKI, JP  
[72] ITO, YUKIO, JP  
[72] NAKAJIMA, KENJI, JP  
[71] KABUSHIKI KAISHA NIPPON CONLUX, JP  
[22] 1999-03-17  
[43] 1999-09-23  
[62] 2,290,358  
[30] JP (10/68627) 1998-03-18  
[30] JP (10/68628) 1998-03-18

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[21] 2,445,677

[13] A1

[51] Int.Cl. 7A61K 31/20 7A61P 17/00  
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[25] EN

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[54] INHIBITION VIRALE AU MOYEN  
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[72] KATZ, DAVID H., US

[72] POPE, LAURA E., US

[72] MARCELLETTI, JOHN F., US

[72] KHALIL, MOHAMMED H., US

[72] KATZ, LEE R., US

[71] AVANIR PHARMACEUTICALS, US

[22] 1997-09-10

[43] 1998-03-26

[62] 2,273,960

[30] US (08/715,009) 1996-09-17

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[21] 2,446,562

[13] A1

[51] Int.Cl. 7A61K 31/56 7A61M 15/00  
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7A61K 9/12 7A61K 9/72

[25] EN

[54] PHARMACEUTICAL  
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[54] FORMULATION  
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[72] CRIPPS, ALAN LESLIE, GB

[72] JOHNSON, PAUL, GB

[71] GLAXO GROUP LIMITED, GB

[22] 2000-09-11

[43] 2001-03-11

[62] 2,317,999

[30] GB (9921396.9) 1999-09-11

[30] GB (0014451.9) 2000-06-13

[30] GB (0018654.4) 2000-07-28

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STRYKER CORPORATION	2,160,911	TOYOTA JIDOSHA KABUSHIKI KAISHA	2,281,265	WINN, STEVE	2,346,251
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TAHERIAN, REZA	2,341,947	VALMET FIBERTECH AKTIEBOLAG	2,117,076	YEH, CHUEN Y.	2,387,561
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TAKAGI, YOSHIKAZU	2,325,274	VARON, DAVID	2,127,899	YOKOYAMA, TOSHIYUKI	2,125,972
TAKAMATSU, ATSUSHI	2,365,272	VIEU, VALERIE	2,250,357	YONEZAWA, TOSHIO	2,269,038
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TAQUA, INC.	2,257,876	VOITH SULZER PAPIERMASCHINEN GMBH	2,169,990	YOUNG, MORRIS J.	2,165,343
TARNUS, CELINE	2,195,125	VON TAPAVICZA, STEPHAN	2,057,061	YOUNG, TENG-SHAU	2,058,326
TASHIRO, SHOZO	2,366,299	WACKER-CHEMIE GMBH	2,244,601	YUKI, ATSUSHI	2,366,299
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THE HON COMPANY	2,207,486	WARNER, SHAWN ALLISON	2,320,858		
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THE PROCTER & GAMBLE COMPANY	2,250,486	WATANABE, MASATOSHI	2,294,140		
THE PROCTER & GAMBLE COMPANY	2,269,808	WAYCUILIS, JOHN J.	2,240,320		
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AIRBUS DEUTSCHLAND GMBH	2,428,142	BRESSLER, PETER	2,426,390	DERSCHEID, DANIEL ERIC	2,429,066
AIRBUS FRANCE	2,421,103	BRINDLE, IAN DAVID	2,430,009	DETMERS, ANDREAS	2,429,904
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ALCATEL CANADA INC.	2,387,654	BRUNETTE, DAVID JOHN	2,427,167	DGHAIM, RANIA	2,387,644
ALCON, INC.	2,425,013	BUCHS, WOLFGANG	2,429,297	DHAWAN, RAJIV	2,387,644
ALCON, INC.	2,425,729	BUDD, FRANCIS FREDERICK	2,387,654	DIETZEL, STEVEN E.	2,429,758
ALCON, INC.	2,426,416	BUDNIK, DANIEL J.	2,429,511	DIRKX, RYAN RICHARD	2,428,966
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ARNDTSEN, BRUCE	2,387,644	CARTON, LAURENT	2,426,351	DUENSER, THOMAS	2,429,477
ASAHI, HITOSHI	2,429,439	CATERPILLAR INC.	2,426,717	DUMAIS, LOUIS-CHARLES	2,388,310
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ATOFINA CHEMICALS, INC.	2,428,966	CENTER WEST ENTERPRISES	2,428,334	EBERHARDT, WILLIAM J.	2,428,916
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BARRY, JAMES P.	2,429,299	CHANG, HSUN-HAO	2,415,650	FEUER CHEMISCHE INDUSTRIE	2,429,754
BCH UNIQUE INC.	2,386,359	CHANG, HSUN-HAO	2,415,710	EIBEL, HERMANN	2,428,943
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BEAUDOIN, LUC	2,386,363	CHENG, HUI	2,430,021	ENGEL, JOSEPH CHARLES	2,429,921
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BECTON, DICKINSON AND COMPANY	2,429,405	COLAS, GERARD	2,429,855	EVEN, PHILIPPE	2,430,153
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WILH. HERBST GMBH & CO.		COLEMAN, JOHN D.	2,426,390		2,429,594
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BERGERON, MARIO	2,387,528	COLTON, GRANT A.,SR.	2,428,768	FAIN, DANIEL C.	2,429,338
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		DE PASCHOAL, GLAUCIO ROBERTO	2,387,530	GA INDUSTRIES, INC.	2,428,768
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		DEERE & COMPANY	2,429,066	GAYNOR, DENNIS A.	2,430,095
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GORDON, RAPHAEL	2,425,729	IBM CANADA LIMITED-IBM CANADA LIMITEE	2,422,447	KOHSAKA, SHOJI	2,428,275
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HEIDELBERGER DRUCKMASCHINEN AKTIENGESELLSCHAFT	2,429,904	JU, CHANG-HWAN	2,429,770	LEBLANC, FRANCIS	2,413,204
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BOLDOG, FERENC L.	2,442,729	BROWN, DANIEL V.	2,442,859	CHEN, TAI	2,441,934
BOLDOG, FERENC L.	2,442,739	BROX, DIETER	2,441,596	CHEN, WEI	2,442,618
BOMANS, PAUL HENRI HUBERT	2,441,932	BRUEMMER-PRESTLEY, MARY ANNE	2,441,645	CHEN, YU	2,441,266
BOMBARDIER TRANSPORTATION GMBH	2,442,122	BRUNKE, KAREN J.	2,439,953		
BONGARDT, FRANK	2,441,554	BUCKRUCKER, KARL	2,441,596		
BONGARDT, FRANK	2,442,236	BUDZIAK, JOSEPH	2,441,369		
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CHENG, PU-SHENG	2,441,861	INSTITUTE, INC.	2,441,893	DUSHKIN, ANDREY L.	2,441,405
CHERNOBROD, BORIS	2,442,237	DANIEL MEASUREMENT AND	2,441,966	DUTT, WILLIAM	2,442,026
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CHOI, TAE-LIM	2,442,636	DARVASI, JOHN	2,442,679	AND COMPANY	2,441,795
CHOU, BELLE L.	2,441,631	DATE, MASAYO	2,441,645	E.I. DU PONT DE NEMOURS	
CHRISTENSEN, CARLOS MELIA	2,441,642	DATTA, PAUL JOSEPH	2,441,968	AND COMPANY	2,442,097
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CHUNG, JUNE-KEY	2,441,836	DE FILIPPIS, MARIA PAOLA	2,441,597	EAGLES, DANA	2,442,081
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COMER, ALLEN	2,439,899	DERMODY, DANIEL L.	2,441,266	ELI LILLY AND COMPANY	2,442,530
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CONRAD, PAUL BARTH	2,439,899	DEVIDAL, PIERRE	2,440,860	ELLIOTT, VICKI S.	2,442,064
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CROSSCART, INC.	2,441,888	DOKTOROVA, LAURA	2,441,612	ESE EMBEDDED SYSTEM	
CRS HOLDINGS, INC.	2,442,068	DON-CAROLIS, CEDRIC	2,440,004	ENGINEERING GMBH	2,441,867
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		DUBRUQUE, DOMINIQUE	2,440,860	EXXONMOBIL OIL CORPORATION	2,440,663
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		DUERIG, THOMAS W.	2,441,999	F. HOFFMANN-LA ROCHE AG	2,441,941
		DUESBERY, NICHOLAS S.	2,442,015	F. HOFFMANN-LA ROCHE AG	2,442,354
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HUGHES ELECTRONICS CORPORATION	2,442,400	JAKOBSON, EVA	2,441,870	KAUSCHKE, MICHAEL	2,441,374
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