

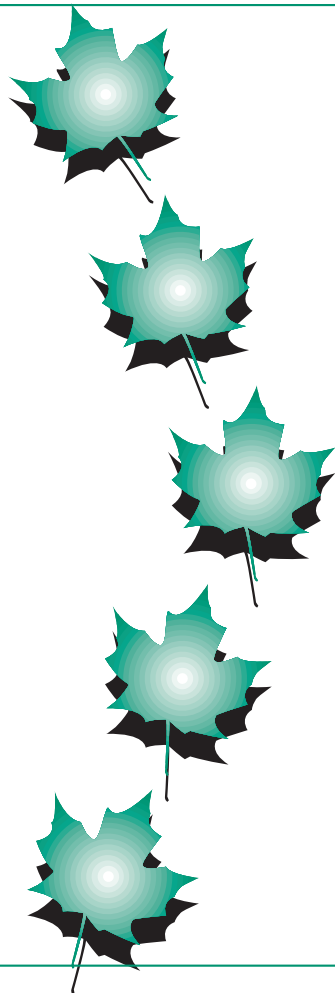


**Canadian  
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intellectuelle  
du Canada**

Un organisme  
d'Industrie Canada



**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

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Vol. 129, N° 26 le 26 juin 2001

**Canada**



# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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

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

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

Le Bureau des brevets ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

### Important Notice to Subscribers

Since the issue of November 2, 1999, Public Works & Government Services Canada (PWGSC) is no longer managing subscriptions to the *Patent Office Record* (POR). PWGSC will provide subscribers with a credit and/or refund for the unused portion of their subscription.

The POR has been made available, free of charge, on CIPO's website at [cipo.gc.ca](http://cipo.gc.ca) or [strategis.ic.gc.ca/patents/record](http://strategis.ic.gc.ca/patents/record) since April 1999. Statistics show that many of our clients are making use of this electronic version. Improvements to the electronic format to facilitate speed of download have been implemented. Users now have the choice of downloading the complete document or each section individually. Current editions are posted weekly on Tuesdays and an archive of past editions dating from April 1999 is available as well.

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

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Fax: (819) 953-7620 (operational 24 hours a day)

### Avis important aux abonnés

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

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

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

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Courriel : [cipo.contact@ic.gc.ca](mailto:cipo.contact@ic.gc.ca)

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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
  
- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said date
  
- [45] - Date of Issue
- [48] - Reissue Grant Date
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

## Avis

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

#### Dates

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

#### Chiffres de code

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

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
  
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris
  
- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question ou avant
  
- [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 24, 2000 and will be published twice a year in the last issues of April and October.

### 3. Canadian Class Titles

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

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

### 4. Class Schedules and Definitions

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

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

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

Paper copies of all Canadian Patents and Canadian Laid-Open Applications may be purchased from IHS Canada, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Toll Free for North America: 1-800-567-1914  
E-mail: gic@ihscanada.ca

### 2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 24 octobre 2000 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

### 3. Liste des classes canadiennes

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

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

### 4. Listes et définitions des classes

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

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

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées de IHS Canada, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

Numéro sans frais Amérique du Nord: 1-800-567-1914  
Courriel: gic@ihscanada.ca

## Notices

### 6. Orders for Patents by Class or Sub-Class

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

### 7. Advice on Making a Patent Application

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

### 8. Licensing of Patents

#### Voluntary Licences

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

#### Compulsory Licences

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

### 9. Patents Available for Licence or Sale

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

### 6. Conseils relatifs à la préparation de demandes de brevets

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

### 7. Conseils relatifs à la préparation de demandes de brevets

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

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

#### Licences librement accordées

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

#### Licences obligatoires

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

### 9. Brevets disponibles pour licence ou vente

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

## Avis

### 10. List of Patents Available for Licence or Sale

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

**2,201,403**

### 11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,170,000 which issued on June 26, 1984 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

### 12. 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.

### 13. 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.

**2,201,403**

### 11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 26 juin 1984 sont maintenant expirés, jusque et y compris le no. 1,170,000. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

### 12. 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.

### 13. 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

### 14. Patent Cooperation Treaty (PCT)

#### SCHEDULE OF FEES APPLICABLE AS OF APRIL 1, 2001

FEES	AMOUNTS \$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b> Amount for each additional sheet over 30	562.00 13.00
3. <b>Designation Fee:</b> (Rule 15.2(a)) The maximum that can be charged for the Designation Fee is \$726.00; therefore, if more than 6 countries are designated the fee remains \$726.00	121.00

4. **International Search Fee** 1,320.00  
The above mentioned fees are due at time of filing of the International Application, or within one month from the International Filing Date (date of receipt of the International Application by the Receiving Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of Canada.

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

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

#### Preliminary Examination

6. **Handling Fee:** 287.51 Deutsche Marks  
(Rule 57.2(a)) 147 Euro Dollars

7. **Preliminary Examination Fee:** 2,998.29 Deutsche Marks  
(Rule 58) 1,533 Euro Dollars

The Preliminary Examination Fees are paid in Deutsche Marks or Euro Dollars. They should be paid directly to the European Patent Office in Munich but may now be filed in the Canadian Receiving Office..

\* International fees will be reduced by \$173.00 for all applications filed using PCT-Easy.

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

#### BARÈME DE TAXES À PARTIR DU 01 AVRIL 2001

TAXES	MONTANTS \$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b> Montant pour chaque feuille au delà de 30	562,00 13,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a)) Le maximum payable pour la taxe de désignation est de 726,00 \$; donc, si plus que 6 pays sont désignés, la taxe demeure 726,00 \$.	121,00

4. **Taxe de recherche internationale** 1 320,00  
Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date du dépôt de la demande (soit la date de réception de la demande internationale). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale du Canada.

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

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

#### Examen préliminaire

6. **Taxe de traitement:** 287.51 marks allemands  
(Règle 57.2(a)) 147 dollars euro

7. **Taxe d'examen préliminaire:** 2 998,29 marks allemands  
(Règle 58) 1 533 dollars euro

Les taxes d'examen préliminaire sont payables directement au Bureau Européen des brevets à Munich en marks allemands ou en Euro Dollars. Elles doivent être payées à l'Office européen des brevets mais peuvent être payées à l'Office récepteur du Canada.

\*Les frais seront réduits par 173,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.



## 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](mailto:publications.mail@wipo.int) or visit their website at <http://www.wipo.int>.

### New Member State

On August 17, 2001, **Philippines** (country code: **PH**) will become the 112th contracting State of PCT at both the Chapter I and II levels

## 16. Lay-Open Applications

The Patent Office Record of June 26, 2001 contains laid-open applications from June 3, 2001 - June 9, 2001.

## 15. Avis PCT

### Exigences des signatures du PCT

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

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

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

### Nouvel État Membre

Le 17 août 2001, **Philippine** (code du pays: **PH**) deviendra le 112ième pays membre des États contractants du PCT au niveau des Chapitres I et II.

## 16. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 3 juin 2001 - 9 juin 2001.

# Canadian Patents Issued

June 26, 2001

## Brevets canadiens délivrés

26 juin 2001

[11] **1,341,261**  
[13] C

[52] 260-237.3  
[51] **Int.Cl. 7C07D 519/04**  
[25] EN  
[54] **PROCESS FOR THE SYNTHESIS OF 3', 4'-ANHYDROVINBLASTINE, VINBLASTINE AND VINCRISTINE**  
[54] **PROCEDE POUR LA SYNTHESE DE 3', 4'-ANHYDROVINBLASTINE, DE LA VINBLASTINE ET DE LA VINCRISTINE**  
[72] Kutney, James P., CA  
[72] Choi, Lewis S.L., CA  
[72] Nakano, Jun, CA  
[72] Tsukamoto, Hiroki, CA  
[72] Boulet, Camille A., CA  
[72] McHugh, Michael, CA  
[73] UNIVERSITY OF BRITISH COLUMBIA (THE), CA  
[21] **527,897**  
[22] 1987-01-22

[11] **1,341,263**  
[13] C

[52] 195-1.20 167-130 167-140 195-1.26  
195-1.29 195-1.36  
[51] **Int.Cl. 7C12N 7/01 7C12N 15/86 7A61K 39/275 7A61K 39/12**  
[25] FR  
[54] **VIRUS DU FOWLPOX RECOMBINANT, VECTEURS D'EXPRESSION DE PROTEINES HETEROLOGUES ET VACCINS POUR LA VOLAILLE DERIVES DE CE VIRUS**  
[54] **RECOMBINANT FOWLPOX VIRUS, HETEROLOGOUS PROTEIN EXPRESSION VECTORS, AND FOWL VACCINES DERIVED FROM THIS VIRUS**  
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[72] Spehner, DaniPle, FR  
[73] TRANSGENE S.A., FR  
[21] **587,654**  
[22] 1988-10-28  
[30] FR (87 15001) 1987-10-29  
[30] FR (88 08226) 1988-06-20

[11] **1,341,265**  
[13] C

[52] 167-307 167-308  
[51] **Int.Cl. 7A61K 7/075 7A61K 7/06**  
[25] FR  
[54] **ASSOCIATION A BASE DE DERIVES DE PYRIMIDINE ET D'ANTAGONISTES DE CALCIUM EN VUE D'INDUIRE ET DE STIMULER LA CROISSANCE DES CHEVEUX ET DIMINUER LEUR CHUTE**  
[54] **COMBINATION BASED ON PYRIMIDINE DERIVATIVES AND CALCIUM ANTAGONISTS TO INDUCE AND STIMULATE HAIR GROWTH AND REDUCE HAIR LOSS**  
[72] Grollier, Jean-Francois, FR  
[72] Rosenbaum, Georges, FR  
[73] L'OREAL, FR  
[21] **585,335**  
[22] 1988-12-08  
[30] LU (87068) 1987-12-09

[11] **1,341,262**  
[13] C

[52] 260-237.3  
[51] **Int.Cl. 7C07D 519/04**  
[25] EN  
[54] **A NEW PROCESS FOR THE SYNTHESIS OF 3', 4'-ANHYDROVINBLASTINE, VINBLASTINE AND VINCRISTINE**  
[54] **NOUVEAU PROCEDE DE SYNTHESE DE 3', 4'-ANHYDROVINBLASTINE, DE LA VINBLASTINE ET DE LA VINCRISTINE**  
[72] Kutney, James P., CA  
[72] Choi, Lewis S.L., CA  
[72] Nakano, Jun, CA  
[72] Tsukamoto, Hiroki, CA  
[72] McHugh, Michael, CA  
[72] Boulet, Camille A., CA  
[73] UNIVERSITY OF BRITISH COLUMBIA (THE), CA  
[21] **543,832**  
[22] 1987-08-06

[11] **1,341,264**  
[13] C

[52] 167-307 167-308  
[51] **Int.Cl. 7A61K 7/075 7A61K 7/06**  
[25] FR  
[54] **ASSOCIATION DE DERIVES DE 1,8-HYDROXY ET/OU ACYLOXY ANTHRACENE OU ANTHRONE ET DE DERIVES DE PYRIMIDINE POUR INDUIRE ET STIMULER LA CROISSANCE DES CHEVEUX ET DIMINUER LEUR CHUTE**  
[54] **COMBINATION OF 1,8-HYDROXY AND/OR ACYLOXY ANTHRACENE OR ANTHRONE DERIVATIVES AND PYRIMIDINE DERIVATIVES TO INDUCE AND STIMULATE HAIR GROWTH AND REDUCE HAIR LOSS**  
[72] Grollier, Jean-Francois, FR  
[73] L'OREAL, FR  
[21] **584,986**  
[22] 1988-12-05  
[30] LU (87066) 1987-12-04

[11] **1,341,266**  
[13] C

[52] 167-308  
[51] **Int.Cl. 7A61K 7/075 7A61K 7/06**  
[25] FR  
[54] **ASSOCIATION DE DERIVES DE PYRIMIDINE ET D'AGENTS ANTIBACTERIENS POUR INDUIRE ET STIMULER LA CROISSANCE DES CHEVEUX ET DIMINUER LEUR CHUTE**  
[54] **COMBINATION OF PYRIMIDINE DERIVATIVES AND ANTIBACTERIAL AGENTS TO INDUCE AND STIMULATE HAIR GROWTH AND REDUCE HAIR LOSS**  
[72] Grollier, Jean-Francois, FR  
[72] Rosenbaum, Georges, FR  
[73] L'OREAL, FR  
[21] **585,631**  
[22] 1988-12-12  
[30] LU (87070) 1987-12-10

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[11] 1,341,267  
[13] C

[52] 167-308  
[51] **Int.Cl. 7A61K 7/075 7A61K 7/06**  
[25] FR  
[54] **ASSOCIATION DE DERIVES DE PYRIMIDINE ET DE DERIVES D'ACIDE SALICYLIQUE POUR INDUIRE ET STIMULER LA CROISSANCE DES CHEVEUX ET DIMINUER LEUR CHUTE**  
[54] **COMBINATION OF PYRIMIDINE AND SALICYLIC ACID DERIVATIVES TO INDUCE AND STIMULATE HAIR GROWTH AND REDUCE HAIR LOSS**  
[72] Rosenbaum, Georges, FR  
[72] Hocquaux, Michel, FR  
[73] L'OREAL, FR  
[21] **595,396**  
[22] 1989-03-31  
[30] LU (87187) 1988-03-31

[11] 1,341,268  
[13] C

[52] 167-0301  
[51] **Int.Cl. 7A61K 7/075 7A61K 7/06**  
[25] FR  
[54] **COMPOSITION POUR INDUIRE ET STIMULER LA CROISSANCE DES CHEVEUX ET/OU FREINER LEUR CHUTE**  
[54] **COMPOSITION TRIGGERING OR STIMULATING HAIR GROWTH AND/OR STOPPING HAIR LOSS**  
[72] Grollier, Jean-Francois, FR  
[73] L'OREAL, FR  
[21] **603,169**  
[22] 1989-06-19  
[30] LU (87.249) 1988-06-17

[11] 2,053,278  
[13] C

[51] **Int.Cl. 5C25B 11/03**  
[25] EN  
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[54] **STRUCTURE D'ELECTRODE POUR CELLULE ELECTROLYTIQUE**  
[72] Morris, Gregory J. E., US  
[72] Borrione, Pierluigi, A. V., IT  
[72] Leoni, Umberto, IT  
[73] DE NORA IMPIANTI S.P.A., IT  
[85] 1991-10-18  
[86] 1990-04-16 (PCT/US90/02136)  
[87] (WO90/12903)  
[30] US (340,605) 1989-04-19

[11] 2,078,871  
[13] C

[51] **Int.Cl. 5C07C 43/188 5A61K 31/075**  
[25] EN  
[54] **CYCLOPROPYL SQUALENE DERIVATIVES AND THEIR USE AS INHIBITORS OF CHOLESTEROL SYNTHESIS**  
[54] **DERIVES DE SQUALENE CYCLOPROPYLIQUE ET LEUR UTILISATION EN TANT QU'INHIBITEURS DE LA SYNTHESE DU CHOLESTEROL**  
[72] Angelastro, Michael R., US  
[72] Peet, Norton P., US  
[72] Bey, Philippe, US  
[73] MERRELL PHARMACEUTICALS INC., US  
[85] 1992-09-22  
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[87] (WO91/14668)  
[30] US (497,477) 1990-03-22

[11] 2,093,893  
[13] C

[51] **Int.Cl. 5B60L 3/10**  
[25] EN  
[54] **ELECTRIC MOTOR VEHICLE CONTROL APPARATUS AND METHOD FOR REDUCING THE OCCURRENCE OF WHEEL SLIP**  
[54] **APPAREIL DE COMMANDE DE MOTEUR ELECTRIQUE ET METHODE PERMETTANT DE REDUIRE LE PATINAGE**  
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[73] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 1993-04-13  
[30] JP (P04-101150) 1992-04-21

[11] 2,107,994  
[13] C

[51] **Int.Cl. 5C12Q 1/18**  
[25] EN  
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[54] **METHODE DE DETERMINATION DIRECTE DE LA TOXICITE DE PARTICULES SOLIDES**  
[72] Tung, Ker-Kong, US  
[72] Walbourn, Charles, US  
[72] Scheibner, Grace, US  
[73] Azur Environmental,  
[85] 1993-10-07  
[86] 1992-04-09 (PCT/US92/02902)  
[87] (WO92/18642)  
[30] US (682,923) 1991-04-09

[11] 2,117,273  
[13] C

[51] **Int.Cl. 5B29C 67/20**  
[25] EN  
[54] **THREE DIMENSIONAL SURFACE SHAPING OF SYNTHETIC FOAM PADS BY CONTINUOUS ROTARY PROCESS**  
[54] **METHODE POUR L'OBTENTION DE TAMPONS EN MOUSSE SYNTHETIQUE FACONNES EN TROIS DIMENSIONS POUR PROCEDE ROTATIF CONTINU**  
[72] Barr, Arthur, US  
[72] Sturgill, Lewis, US  
[72] De Jesus Munoz Contreras, Jose, US  
[73] Foamex L.P., US  
[22] 1994-04-11  
[30] US (08/122,701) 1993-09-15

[11] 2,139,850  
[13] C

[51] **Int.Cl. 6A61F 2/24**  
[25] EN  
[54] **SUPPORT HOUSING FOR VALVE AND CLOSURE MEMBERS**  
[54] **CADRE DE SUPPORT PORU VALVULE ET ELEMENT DE FERMETURE**  
[72] Jansen, Josef, DE  
[72] Jansen, Ulrich, DE  
[73] ADIAM LIFE SCIENCE AG, DE  
[85] 1995-01-09  
[86] 1993-07-09 (PCT/EP93/01794)  
[87] (WO94/01060)  
[30] DE (P 42 22 610.4) 1992-07-10

[11] 2,173,691  
[13] C

[51] **Int.Cl. 6D21H 19/72**  
[25] EN  
[54] **PRINTING PAPER, AND INK-JET PRINTING PROCESS USING THE SAME**  
[54] **PAPIER D'IMPRESSION ET PROCEDE D'IMPRESSION A JET D'ENCRE UTILISANT LEDIT PAPIER**  
[72] Sakaki, Mamoru, JP  
[72] Katayama, Masato, JP  
[72] Hirose, Mifune, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1996-04-09  
[30] JP (7-83813) 1995-04-10  
[30] JP (7-187110) 1995-07-24  
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[13] C

[51] **Int.Cl. 6C08L 75/06 6C08K 3/00 6C08J 9/12 6C08I 9/35**  
[25] EN  
[54] **CURED UNSATURATED POLYESTER-POLYURETHANE HYBRID HIGHLY FILLED RESIN FOAMS**  
[54] **MOUSSES DE RESINES HYBRIDES DU TYPE POLYESTER-POLYURETHANE, INSATUREES, DURCIES ET CONTENANT UNE PROPORTION ELEVEE DE CHARGE**  
[72] Mushovic, John N., US  
[73] Ecomat, Inc., US  
[85] 1996-09-18  
[86] 1994-04-08 (PCT/US94/03693)  
[87] (WO95/27752)

[11] **2,190,309**  
[13] C

[51] **Int.Cl. 6A01C 1/00 6A01C 1/06**  
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[54] **SEED INOCULANT APPLICATOR**  
[54] **APPLICATEUR DE SEMENCES PAR INOCULATION**  
[72] Nuttall, Eldon, CA  
[73] Nuttall, Eldon, CA  
[22] 1996-11-14  
[30] US (08/742,716) 1996-11-01

[11] **2,192,084**  
[13] C

[51] **Int.Cl. 6C22B 3/12 6C22B 7/02 6C22B 3/20 6C22B 19/28**  
[25] EN  
[54] **HYDROMETALLURGICAL TREATMENT FOR THE PURIFICATION OF WAEZL OXIDES THROUGH LIXIVIATION WITH SODIUM CARBONATE**  
[54] **PROCEDE DE TRAITEMENT HYDROMETALLURGIQUE POUR LA DEPURATION D'OXYDES DE WAEZL PAR LIXIVIATION AVEC DU CARBONATE DE SODIUM**  
[72] Dañobeitia Sierra, Iker, ES  
[72] Vallejo Ochoa De Alda, Javier, ES  
[72] Goicoechea Gandiaga, Nestor, ES  
[73] COMPAÑIA INDUSTRIAL ASUA-ERANDIO, S.A. (ASER, S.A.), ES  
[85] 1996-12-04  
[86] 1996-04-10 (PCT/ES96/00080)  
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[30] ES (P 9500713) 1995-04-10

[11] **2,199,360**  
[13] C

[51] **Int.Cl. 6H04B 1/66 6H04L 29/00 6H04N 7/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ELECTRONIC DISTRIBUTION OF DIGITAL MULTI-MEDIA INFORMATION**  
[54] **PROCEDE ET DISPOSITIF DE DISTRIBUTION ELECTRONIQUE D'INFORMATIONS NUMERIQUES MULTIMEDIAS**  
[72] DONAHUE, Paul, US  
[72] FISH, Laurence, US  
[72] LERNER, Ian, US  
[73] STARGUIDE DIGITAL NETWORKS, INC., US  
[85] 1997-03-06  
[86] 1995-09-06 (PCT/US95/11410)  
[87] (WO96/08095)  
[30] US (08/303,224) 1994-09-08

[11] **2,199,639**  
[13] C

[51] **Int.Cl. 6D06P 3/24 6D06P 5/00 6C08L 77/02 6D06P 1/39**  
[25] EN  
[54] **PHOTOCHEMICALLY STABILIZED POLYAMIDE COMPOSITIONS**  
[54] **COMPOSITIONS DE POLYAMIDES STABILISEES PHOTOCHEMIEMENT**  
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[72] GADOURY, Dean R., US  
[73] BASF CORPORATION, US  
[22] 1997-03-10  
[30] US (08/690,692) 1996-07-31

[11] **2,200,300**  
[13] C

[51] **Int.Cl. 6H04J 14/02**  
[25] EN  
[54] **EFFICIENT OPTICAL WAVELENGTH MULTIPLEXER/DEMULTIPLEXER**  
[54] **MULTIPLEXEUR/DEMULTIPLEXEUR EFFICACE DE LONGUEURS D'ONDES OPTIQUES**  
[72] BALL, Gary A., US  
[73] UNITED TECHNOLOGIES CORPORATION, US  
[85] 1997-03-18  
[86] 1995-09-22 (PCT/US95/12231)  
[87] (WO96/09703)  
[30] US (08/311,333) 1994-09-23

[11] \* **2,201,403**  
[13] C

[51] **Int.Cl. 6B65G 33/00**  
[25] EN  
[54] **AUGER MOVING ASSISTANT**  
[54] **ACCESSOIRE D'AIDE AU DEPLACEMENT POUR TRANSPORTEUR A VIS**  
[72] SYKES, Fred, CA  
[73] SYKON SALES LTD., CA  
[22] 1997-04-01

[11] **2,202,238**  
[13] C

[51] **Int.Cl. 6H02M 5/12**  
[25] EN  
[54] **ALTERNATING CURRENT POWER CONTROL DEVICE**  
[54] **DISPOSITIF DE COMMANDE D'ALIMENTATION ALTERNATIVE**  
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[73] JEUNG, Young Chun, KR  
[22] 1997-04-09  
[30] KR (67430) 1996-12-18

[11] **2,202,606**  
[13] C

[51] **Int.Cl. 6G01R 31/00 6G01R 31/28**  
[25] EN  
[54] **DIAGNOSTIC TESTER FOR LIGHTING SYSTEMS AND METHOD OF USING SAME**  
[54] **BANC DE DIAGNOSTIC DE RESEAU D'ECLAIRAGE ET METHODE CONNEXE**  
[72] SPINK, Ken, US  
[72] TURRY, Edward L., US  
[73] Shane Group (The), US  
[22] 1997-04-14  
[30] US (08/633,079) 1996-04-16

[11] **2,202,739**  
[13] C

[51] **Int.Cl. 6A61N 1/39**  
[25] EN  
[54] **ATRIAL DEFIBRILLATION SYSTEM HAVING A PORTABLE COMMUNICATION DEVICE**  
[54] **SYSTEME DE DEFIBRILLATION AURICULAIRE COMPORTANT UN DISPOSITIF DE COMMUNICATION PORTATIF**  
[72] de CORIOLIS, Paul E., US  
[72] BOCEK, Joseph M., US  
[72] YOMTOV, Barry M., US  
[73] CARDIAC PACEMAKERS, INC., US  
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[13] C

[51] **Int.Cl. 6H03K 17/96 6G01R 31/327**  
[25] EN  
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[54] **CAPTEUR TACTILE SANS SEMELLE**  
[72] SENK, Miro, CA  
[72] REPPER, Pierre, CA  
[73] PRESSENK INSTRUMENTS INC., CA  
[22] 1997-04-15  
[30] US (60/014,638) 1996-04-15

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[51] **Int.Cl. 6H01B 9/06**  
[25] FR  
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[54] **GAS INSULATED ELECTRICAL CABLE**  
[72] PHAM, Van Doan, FR  
[72] TIXIER, René, FR  
[73] GEC ALSTHOM T & D SA, FR  
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[11] **2,203,188**  
[13] C

[51] **Int.Cl. 6E01C 23/09**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MANUFACTURING A CRACK REPAIR PRODUCT AND REPAIRING A CRACK USING THE PRODUCT**  
[54] **METHODE ET APPAREIL POUR FABRIQUER UN PRODUIT DE REPARATION DE FISSURES ET REPARATION D'UNE FISSURE A L'AIDE DE CE PRODUIT**  
[72] DALTON, Peter F., US  
[72] DALTON, John A., US  
[73] DALTON ENTERPRISES, INC., US  
[22] 1997-04-17  
[30] US (08/786,712) 1997-01-21

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[11] **2,203,646**  
[13] C

[51] **Int.Cl. 6A61F 13/46 6A61F 13/58**  
[25] EN  
[54] **FLEXIBLE AND BREATHABLE ABSORBENT ARTICLES AND THEIR FIXATION TO UNDERGARMENTS**  
[54] **ARTICLES ABSORBANTS SOUPLES ET RESPIRANTS ET LEUR FIXATION A DES SOUS-VETEMENTS**  
[72] HIRSCH, Uwe Thomas M. H., DE  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-04-24  
[86] 1995-10-16 (PCT/US95/13545)  
[87] (WO96/14035)  
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[11] **2,203,796**  
[13] C

[51] **Int.Cl. 6A61F 13/58 6A61F 13/46**  
[25] EN  
[54] **FLEXIBLE AND WATER VAPOUR PERMEABLE ABSORBENT ARTICLES AND THEIR FIXATION TO UNDERGARMENTS**  
[54] **ARTICLES ABSORBANTS PERMEABLES A LA VAPEUR D'EAU ET FLEXIBLES ET LEUR FIXATION A DES SOUS-VETEMENTS**  
[72] QUERQUI, Daniela, DE  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-04-25  
[86] 1995-10-16 (PCT/US95/13546)  
[87] (WO96/14036)  
[30] EP (94203229.3) 1994-11-05

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[11] **2,204,970**  
[13] C

[51] **Int.Cl. 6H02H 7/08**  
[25] EN  
[54] **MICROPROCESSOR BASED MOTOR CONTROL SYSTEM WITH PHASE DIFFERENCE DETECTION**  
[54] **DISPOSITIF DE COMMANDE A MICROPROCESSEUR POUR MOTEUR AVEC DETECTION DE DIFFERENCE DE PHASE**  
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[73] TECUMSEH PRODUCTS COMPANY, US  
[22] 1997-05-09  
[30] US (08/661,139) 1996-06-10

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[13] C

[51] **Int.Cl. 6H04L 25/12**  
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[54] **AGENCEMENT DE COUPLAGE DANS UN CIRCUIT TERMINAL**  
[72] HEDBERG, Mats Olof Joakim, SE  
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1997-05-21  
[86] 1995-11-09 (PCT/SE95/01332)  
[87] (WO96/16494)  
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[13] C

[51] **Int.Cl. 6E02D 29/12**  
[25] EN  
[54] **IMPROVED CATCH BASIN**  
[54] **REGARD AMELIORE**  
[72] MONTEITH, Joseph Gordon, CA  
[73] STORMCEPTOR CANADA INC., CA  
[22] 1997-05-28

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[11] **2,207,106**  
[13] C

[51] **Int.Cl. 6A47L 7/04**  
[25] EN  
[54] **VACUUM CLEANER AIR EXHAUST ARRANGEMENT**  
[54] **DISPOSITIF D'EVACUATION D'AIR POUR ASPIRATEUR**  
[72] DIEHL, Arne J., US  
[72] BOSYJ, Nick M., US  
[73] The Hoover Company, US  
[22] 1997-06-05  
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[11] **2,210,774**  
[13] C

[51] **Int.Cl. 6B65B 9/20 6B65B 51/04 6B65B 61/18 6B65D 33/24 6B65B 51/30**  
[25] EN  
[54] **A METHOD AND A MACHINE FOR MAKING PACKAGING BAGS USING A FLEXIBLE FILM, AND A PACKAGING BAG OBTAINED THEREBY**  
[54] **METHODE ET MACHINE POUR FABRIQUER DES SACS D'EMBALLAGE A L'AIDE D'UNE PELLICULE SOUPLE, ET SACS D'EMBALLAGES AINSI OBTENUS**  
[72] BOIS, Henri, FR  
[73] FLEXICO-FRANCE, FR  
[22] 1997-07-17

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[13] C

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[25] EN  
[54] **ZERO SCRAP METHOD FOR MANUFACTURING SIDE PANELS FOR ABSORBENT ARTICLES**  
[54] **PROCEDE SANS REBUT POUR LA FABRICATION DE PANNEAUX LATERAUX DANS LES ARTICLES EN MATERIAU ABSORBANT**  
[72] NEASE, Michael Gary, US  
[72] MORAN, Richard Thomas, US  
[72] BERGMAN, Carl Louis, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-07-29  
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[30] US (08/386,832) 1995-02-10

[11] **2,212,176**  
[13] C

[51] **Int.Cl. 6A61F 13/62 6A61F 13/58**  
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[54] **TWO MECHANISM MECHANICAL FASTENER**  
[54] **FIXATION MECANIQUE A DOUBLE MECANISME**  
[72] LITCHHOLT, John Joseph, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-08-01  
[86] 1996-02-02 (PCT/US96/01301)  
[87] (WO96/25905)  
[30] US (08/432,408) 1995-02-24

[11] **2,213,263**  
[13] C

[51] **Int.Cl. 6A61F 13/46**  
[25] EN  
[54] **ANATOMICALLY SHAPED COMPOUND SANITARY NAPKIN**  
[54] **SERVIETTE HYGIENIQUE COMPOSEE DE FORME ANATOMIQUE**  
[72] LAMPSON, Patricia Lee, US  
[72] HAMMONS, John Lee, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-08-18  
[86] 1996-02-20 (PCT/US96/02251)  
[87] (WO96/26699)  
[30] US (08/397,592) 1995-03-02

[11] **2,213,282**  
[13] C

[51] **Int.Cl. 6A61F 13/15 6A61F 13/56**  
[25] EN  
[54] **COMPOSITE EXHIBITING ELASTIC-LIKE BEHAVIOR**  
[54] **COMPOSITE PRESENTANT UNE CERTAINE ELASTICITE**  
[72] BERGMAN, Carl Lewis, US  
[72] WOLF, Scot Gerald, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-08-18  
[86] 1996-03-01 (PCT/US96/02253)  
[87] (WO96/27352)  
[30] US (08/397,825) 1995-03-03

[11] **2,213,296**  
[13] C

[51] **Int.Cl. 6A61F 13/46**  
[25] EN  
[54] **ANATOMICALLY SHAPED COMPOUND SANITARY NAPKIN**  
[54] **SERVIETTE HYGIENIQUE COMPOSEE DE FORME ANATOMIQUE**  
[72] WEIRICH, David Michael, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1997-08-18  
[86] 1996-02-14 (PCT/US96/01907)  
[87] (WO96/27351)  
[30] US (08/399,324) 1995-03-06

[11] **2,214,429**  
[13] C

[51] **Int.Cl. 6B01J 23/14 6B01J 23/46**  
[25] FR  
[54] **CATALYSEUR BIMETALLIQUE DE TYPE RUTHENIUM/ETAIN**  
[54] **RUTHENIUM/TIN BIMETALLIC CATALYST**  
[72] JACQUOT, Roland, FR  
[72] FERRERO, Rose-Marie, FR  
[73] RHONE-POULENC CHIMIE, FR  
[22] 1992-10-23  
[62] 2,081,275  
[30] FR (91 13 147) 1991-10-24

[11] **2,218,624**  
[13] C

[51] **Int.Cl. 6B23Q 3/157 6B23B 35/00 6B23B 47/28**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MACHINING HOLES IN CRANKSHAFTS**  
[54] **PROCEDE ET DISPOSITIF D'USINAGE DE TROUS DANS DES VILEBREQUINS**  
[72] EGBERT, James, US  
[73] Ingersoll CM Systems, Inc., US  
[85] 1997-10-17  
[86] 1996-04-16 (PCT/US96/05177)  
[87] (WO96/33043)  
[30] US (425,943) 1995-04-19

[11] **2,218,949**  
[13] C

[51] **Int.Cl. 6A47L 5/24**  
[25] EN  
[54] **HAND HELD TURBINE POWERED EXTRACTOR NOZZLE**  
[54] **EMBOUT D'ASPIRATEUR PORTATIF A TURBINE**  
[72] MILLER, Daniel R., US  
[72] KEEBLER, A. Ronald, US  
[72] GERBER, Douglas E., US  
[72] BARKER, Douglas C., US  
[73] THE HOOVER COMPANY, US  
[22] 1997-10-22  
[30] US (08/850,611) 1997-05-02

[11] **2,219,535**  
[13] C

[51] **Int.Cl. 6B25B 23/10**  
[25] EN  
[54] **HEX KEYS AND OTHER TOOLS WITH NON-SLIP FEATURE**  
[54] **CLE HEXAGONALE ET AUTRES OUTILS A PRISE POSITIVE**  
[72] VASUDEVA, KAILASH C., CA  
[73] MAXTECH, INC., US  
[22] 1997-10-28  
[30] US (60/029,832) 1996-10-28

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[11] 2,219,741  
[13] C

[51] Int.Cl. 6B65D 85/20 6B65D 83/00  
6B65D 83/38

[25] EN  
[54] PORTABLE CARRIER FOR  
AEROSOL CONTAINERS AND  
METHOD THEREFOR  
[54] PORTE-CONTENANT POUR  
GENERATEURS D'AEROSOL ET  
METHODE D'UTILISATION  
[72] HAHN, Joseph A., US  
[72] PERDUE, Thomas E., Jr., US  
[72] BEGLEY, Douglas G., US  
[72] HOLMGREN, Vilma G., US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 1997-10-30  
[30] US (08/746,332) 1996-11-12

[11] 2,221,505  
[13] C

[51] Int.Cl. 6F04B 53/16 6F04B 53/22  
[25] EN  
[54] COUPLING CONSTRUCTION OF  
COMPRESSOR HOUSING AND  
METHOD FOR MANUFACTURING  
COMPRESSOR

[54] ACCOUPLEMENT POUR  
ENVELOPPE DE COMPRESSEUR ET  
METHODE DE FABRICATION DE  
COMPRESSEUR  
[72] KAWAGUCHI, Masahiro, JP  
[72] SUIYOU, Ken, JP  
[72] SONOBE, Masanori, JP  
[72] MAKINO, Yoshihiro, JP  
[73] KABUSHIKI KAISHA TOYODA  
JIDOSHOKKI SEISAKUSHO, JP  
[22] 1997-11-19  
[30] JP (8-309248) 1996-11-20

[11] 2,222,424  
[13] C

[51] Int.Cl. 6C11D 1/14 6C11D 1/37  
6A61K 7/50 6C11D 1/83 6C11D 1/94  
[25] EN  
[54] CLEANSING COMPOSITIONS  
[54] COMPOSITIONS NETTOYANTES  
[72] HOLLOWAY, Sara Louise, GB  
[72] LEAHY, Christopher David, GB  
[72] ELLIOTT, Russell Phillip, GB  
[72] DU REAU, Charles Marie Alain, GB  
[73] THE PROCTER & GAMBLE  
COMPANY, US  
[85] 1997-11-26  
[86] 1996-05-09 (PCT/US96/06602)  
[87] (WO96/37591)  
[30] GB (9510840.3) 1995-05-27  
[30] GB (9519965.9) 1995-09-28

[11] 2,225,088  
[13] C

[51] Int.Cl. 6B05B 5/04  
[25] EN  
[54] QUICK DISCONNECT FOR  
POWDER COATING APPARATUS  
[54] RACCORD A DEMONTAGE  
RAPIDE D'APPAREIL DE POUDRAGE  
[72] ALEXANDER, Kevin L., US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 1997-12-18  
[30] US (08/795,066) 1997-02-05

[11] 2,225,982  
[13] C

[51] Int.Cl. 6H01S 3/16 6H01S 3/042  
[25] EN  
[54] THREE-LEVEL LASER SYSTEM  
[54] SYSTEME LASER A TROIS  
NIVEAUX  
[72] INJEYAN, Hagop, US  
[72] BERG, Jacqueline G., US  
[73] TRW INC., US  
[22] 1997-12-29  
[30] US (08/783,646) 1997-01-14

[11] 2,226,801  
[13] C

[51] Int.Cl. 6F04D 29/02 6F04C 15/00  
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[25] EN  
[54] VANE FOR A ROTARY  
COMPRESSOR  
[54] PALETTE POUR COMPRESSEUR  
ROTATIF  
[72] WEATHERWAX, Richard B., III, US  
[72] RIEGGER, Otto K., US  
[73] TECUMSEH PRODUCTS COMPANY,  
US  
[22] 1998-01-14  
[30] US (08/783,108) 1997-01-14

[11] 2,226,867  
[13] C

[51] Int.Cl. 6H02J 3/00  
[25] EN  
[54] METHOD AND DEVICE FOR  
CONTINUOUS ADJUSTMENT AND  
REGULATION OF A TRANSFORMER  
TURNS RATIO, AND TRANSFORMER  
PROVIDED WITH SUCH A DEVICE  
[54] PROCEDE ET DISPOSITIF DE  
REGLAGE ET DE REGULATION  
CONTINUS DU RAPPORT DE SPIRES  
D'UN TRANSFORMATEUR ET  
TRANSFORMATEUR POURVU D'UN  
TEL DISPOSITIF  
[72] GRIFFIOEN, Jan Hendrik, NL  
[72] ASSELMAN, Paulus Gerardus Johannes  
Maria, NL  
[72] PAAP, Gerardus Christoffel, NL  
[72] BAUER, Pavol, NL  
[72] DE HAAN, Sjoerd Walter Hero, NL  
[72] VAN DE WATER, Cornelis Josephus,  
NL  
[73] RENDEL B.V., NL  
[85] 1998-01-14  
[86] 1996-07-26 (PCT/NL96/00304)  
[87] (WO97/05536)  
[30] NL (1000914) 1995-08-01

[11] 2,229,324  
[13] C

[51] Int.Cl. 6F01D 11/14 6F01D 5/20  
[25] EN  
[54] GAS TURBINE TIP SHROUD  
BLADE CAVITY  
[54] CAVITE D'AUBE A BOUT CARENE  
DE TURBINE A GAZ  
[72] AOKI, Sunao, JP  
[72] ITO, Eisaku, JP  
[73] MITSUBISHI HEAVY INDUSTRIES,  
LTD., JP  
[22] 1998-02-11  
[30] JP (9-073331) 1997-03-26

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[11] **2,229,623**  
[13] C

[51] **Int.Cl. 6B27N 3/14 6A61F 13/15**  
[25] EN  
[54] **APPARATUS FOR SORTING SUBSTRATE COMPONENTS ACCORDING TO SIZE, AND METHOD OF SORTING SUBSTRATE COMPONENTS THEREWITH**  
[54] **APPAREIL DE TRIAGE DE COMPOSANTS DE SUBSTRATS SELON LEUR TAILLE ET SON PROCÉDE D'UTILISATION**  
[72] NOEL, John Richard, US  
[72] RICHARDS, Mark Ryan, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1998-02-16  
[86] 1996-08-06 (PCT/US96/12945)  
[87] (WO97/07947)  
[30] US (08/519,475) 1995-08-25

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[11] **2,232,537**  
[13] C

[51] **Int.Cl. 6B44F 7/00 6B42D 15/00 6G09B 29/10**  
[25] EN  
[54] **VIEWER ORIENTATION INDICATOR FOR AN ILLUSTRATION**  
[54] **INDICATEUR D'ORIENTATION D'UNE ILLUSTRATION DESTINE A UN UTILISATEUR**  
[72] HOSKING, John T., US  
[72] CAHILL, Edward, IE  
[73] SNAP-ON TECHNOLOGIES, INC., US  
[85] 1998-03-19  
[86] 1996-10-09 (PCT/US96/16188)  
[87] (WO97/14134)  
[30] US (541,057) 1995-10-10

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[11] **2,233,469**  
[13] C

[51] **Int.Cl. 6B01J 35/04**  
[25] EN  
[54] **CERAMIC HONEYCOMB STRUCTURAL BODY**  
[54] **CORPS STRUCTURAL DE CERAMIQUE EN NID D'ABEILLES**  
[72] IKESHIMA, Koichi, JP  
[72] MATSUBARA, Reiji, JP  
[73] NGK INSULATORS, LTD., JP  
[22] 1998-03-27  
[30] JP (9-77,587) 1997-03-28

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[11] **2,234,613**  
[13] C

[51] **Int.Cl. 6H02K 29/00**  
[25] EN  
[54] **STAGGERED POLE SWITCHED RELUCTANCE MOTOR**  
[54] **MOTEUR A RELUCTANCE COMMUTEE A POLES DECALES**  
[72] PENGGOV, Wayne A., US  
[73] TRIDELTA INDUSTRIES, INC., US  
[85] 1998-04-14  
[86] 1996-10-15 (PCT/US96/16564)  
[87] (WO97/15108)  
[30] US (08/545,085) 1995-10-19

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[11] **2,235,515**  
[13] C

[51] **Int.Cl. 6B29C 47/92 6A23P 1/12**  
[25] EN  
[54] **EXTRUDER WITH VARIABLE RESTRICTION ELEMENT AND METHOD OF USE**  
[54] **EXTRUDEUSE COMPORTANT UN RESTRICTEUR DE DEBIT VARIABLE ET METHODE D'UTILISATION**  
[72] SPECK, Donald R., US  
[72] MIRMAN, Alfred H., US  
[73] Ralston Purina Company, US  
[22] 1998-04-22  
[30] US (08/887,037) 1997-07-02

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[11] **2,236,194**  
[13] C

[51] **Int.Cl. 6B01J 12/00 6B01D 53/22**  
[25] EN  
[54] **SOLID ELECTROLYTE IONIC CONDUCTOR REACTOR DESIGN**  
[54] **REACTEUR DE CONDUCTEURS IONIQUES A ELECTROLYTE SOLIDE**  
[72] BERGSTEN, Victor Emmanuel, US  
[72] VAN HASSEL, Bart Antonie, US  
[72] KESKAR, Nitin Ramesh, US  
[72] PRASAD, Ravi, US  
[72] GOTTZMANN, Christian Friedrich, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[22] 1998-04-28  
[30] US (08/848,204) 1997-04-29

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[11] **2,236,446**  
[13] C

[51] **Int.Cl. 6C01B 3/56 6C01B 3/34**  
[25] EN  
[54] **METHOD OF PRODUCING HYDROGEN USING SOLID ELECTROLYTE MEMBRANE**  
[54] **METHODE DE PRODUCTION D'HYDROGENE AU MOYEN D'UNE MEMBRANE A ELECTROLYTE SOLIDE**  
[72] KESKAR, Nitin Ramesh, US  
[72] PRASAD, Ravi, US  
[72] GOTTZMAN, Christian Friedrich, US  
[73] PRAXAIR TECHNOLOGY, INC., US  
[22] 1998-04-28

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[11] **2,242,040**  
[13] C

[51] **Int.Cl. 6E02F 9/16 6B66F 9/075**  
[25] EN  
[54] **OPERATOR ENCLOSURE**  
[54] **POSTE DE CONDUITE**  
[72] DOERING, David Arthur, US  
[72] MILLER, Gordon Edward, US  
[73] DEERE & COMPANY, US  
[22] 1998-08-06  
[30] US (08/954,290) 1997-10-17

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[11] **2,242,472**  
[13] C

[51] **Int.Cl. 6B65D 90/12 6A01C 23/00 6A01C 7/08 6B60P 3/22**  
[25] EN  
[54] **REINFORCED PLASTIC TANK SUPPORT**  
[54] **SUPPORT RENFORCE POUR BIDON EN PLASTIQUE**  
[72] JOHNSON, Lee Alan, US  
[73] DEERE & COMPANY, US  
[22] 1998-08-17  
[30] US (P-99,291) 1998-08-12

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[11] **2,245,058**  
[13] C

[51] **Int.Cl. 6E04C 1/39 6E04F 19/00 6E04C 2/52**  
[25] EN  
[54] **CONSTRUCTION MATERIAL BEARING NUMERICAL MEASUREMENT INDICIA THEREON**  
[54] **MATERIAUX DE CONSTRUCTION PORTANT DES MARQUES DE MESURE NUMERIQUES**  
[72] LEE, Baek Woo, US  
[73] LEE, Baek Woo, US  
[22] 1998-08-13  
[30] US (944,046) 1997-09-08

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[11] 2,245,412  
[13] C  
[51] Int.Cl. 6G06K 9/18 6B27B 25/00  
6B41F 17/20  
[25] EN  
[54] APPARATUS AND METHOD FOR  
MARKING ELONGATED ARTICLES  
[54] APPAREIL ET METHODE POUR  
LE MARQUAGE D'ARTICLES  
ALLONGES  
[72] LABBÉ, Jacques, CA  
[72] BILODEAU, Sylvain, CA  
[73] CENTRE DE RECHERCHE  
INDUSTRIELLE DU QUEBEC, CA  
[22] 1998-08-20

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[11] 2,245,461  
[13] C  
[51] Int.Cl. 6C12Q 1/48 6G01N 33/573  
6C12Q 1/68  
[25] EN  
[54] DETECTION OF CONDITIONS OR  
DISEASES ASSOCIATED WITH AN  
ALTERED LEVEL OF TELOMERASE  
ACTIVITY  
[54] DETECTION D'ETATS OU DE  
MALADIES ASSOCIES A UN NIVEAU  
MODIFIE DE L'ACTIVITE DES  
TELOMERASES  
[72] BLACKBURN, Elizabeth H., US  
[72] WRIGHT, Woodring, US  
[72] WEST, Michael D., US  
[72] SHAY, Jerry, US  
[73] THE REGENTS OF THE  
UNIVERSITY OF CALIFORNIA, US  
[73] THE BOARD OF REGENTS OF THE  
UNIVERSITY OF TEXAS SYSTEM, US  
[22] 1993-05-13  
[62] 2,135,648  
[30] US (07/882,438) 1992-05-13  
[30] US (08/038,766) 1993-03-24

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[11] 2,245,901  
[13] C  
[51] Int.Cl. 6H04Q 3/00  
[25] EN  
[54] PERIPHERAL CONTROL IN AN  
INTELLIGENT NETWORK  
[54] CONTROLE D'UN PERIPHERIQUE  
DANS UN RESEAU INTELLIGENT  
[72] COOKSON, Martin David, GB  
[73] BRITISH TELECOMMUNICATIONS  
PUBLIC LIMITED COMPANY, GB  
[85] 1998-08-12  
[86] 1997-03-21 (PCT/GB97/00802)  
[87] (WO97/37498)  
[30] EP (96302239.7) 1996-03-29  
[30] US (08/684,260) 1996-07-19

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[11] 2,251,067  
[13] C  
[51] Int.Cl. 6E06B 7/16 6E04B 1/78  
[25] EN  
[54] WEATHER BARRIER FOR  
WINDOWS AND DOORS  
[54] COUPE-FROID POUR PORTES ET  
FENETRES  
[72] LEAR, Randy T., US  
[72] LEEUWENBURGH, PETER, NL  
[73] MANCO, INC., US  
[73] LEEUWENBURGH, PETER, NL  
[22] 1998-10-21  
[30] US (08/966,325) 1997-11-07

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[11] 2,265,186  
[13] C  
[51] Int.Cl. 6G01B 3/20 6G02C 13/00  
[25] EN  
[54] METHODS AND APPARATUSES  
FOR FITTING EYEWEAR  
[54] METHODE ET DISPOSITIFS  
D'AJUSTEMENT DE LUNETTES  
[72] KREMER, Thomas J., US  
[72] ZIEGLER, Thomas J., US  
[73] United States Shoe Corporation (The),  
US  
[22] 1992-12-31  
[62] 2,124,346  
[30] US (816,625) 1991-12-31  
[30] US (980,332) 1992-11-23

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[11] 2,265,957  
[13] C  
[51] Int.Cl. 6E05D 7/12 6E05D 3/02 6E05B  
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[25] EN  
[54] HOOD HINGE MECHANISM  
[54] MECANISME DE CHARNIERE DE  
CAPOT  
[72] ROACH, James Edward, US  
[72] BAKER, Ronald James, US  
[72] BRUNNER, Ronald Ervin, US  
[73] DEERE & COMPANY, US  
[22] 1999-04-01  
[30] US (09/123,153) 1998-07-27

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[11] 2,277,154  
[13] C  
[51] Int.Cl. 6H01Q 1/24 6H04B 1/08  
6H01Q 13/08 6H04B 1/18 6H01Q 9/18  
[25] EN  
[54] DUAL BAND ANTENNA  
[54] ANTENNE A DEUX BANDES  
[72] PARK, SANG-KEUN, KR  
[72] KRYLOV, KONSTANTIN, KR  
[72] GOUDELEV, ALEXANDRE, KR  
[72] HA, DONG-IN, KR  
[73] SAMSUNG ELECTRONICS CO.,  
LTD., KR  
[85] 1999-07-05  
[86] 1997-07-30 (PCT/KR97/00146)  
[87] (WO98/31067)  
[30] KR (639/1997) 1997-01-13

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[11] 2,278,133  
[13] C  
[51] Int.Cl. 6A61K 31/08 6A61K 47/02  
6A61K 47/10 6A61K 47/14  
[25] EN  
[54] FLUOROETHER COMPOSITIONS  
AND METHODS FOR INHIBITING  
THEIR DEGRADATION IN THE  
PRESENCE OF A LEWIS ACID  
[54] COMPOSITIONS DE  
FLUOROETHER ET PROCEDES  
D'INHIBITION DE LEUR  
DEGRADATION EN PRESENCE D'UN  
ACIDE DE LEWIS  
[72] STELMACH, HONORATE A., US  
[72] BIENIARZ, CHRISTOPHER, US  
[72] CHANG, STEVE H., US  
[72] KOBAYASHI, MANAMI, JP  
[72] CROMACK, KEITH R., US  
[72] LOFFREDO, DAVID, US  
[72] HUANG, SHUYEN L., US  
[72] KAWAI, TOSHIKAZU, JP  
[72] RAGHAVAN, RAJAGOPALAN, US  
[72] SPEICHER, EARL R., US  
[73] ABBOTT LABORATORIES, US  
[73] CENTRAL GLASS COMPANY, LTD.,  
JP  
[85] 1999-07-14  
[86] 1998-01-23 (PCT/US98/01376)  
[87] (WO98/32430)  
[30] US (08/789,679) 1997-01-27

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[11] **2,289,728**

[13] C

[51] **Int.Cl. 6B29C 45/16 6B29C 69/00  
6H01L 23/02**

[25] EN

[54] **METHOD FOR MAKING SMART  
CARDS**

[54] **PROCEDE DE FABRICATION DE  
CARTE A MICROPROCESSEUR**

[72] TIFFANY, HARRY J., III, US

[73] CARDXX, INC., US

[85] 1999-11-05

[86] 1998-04-07 (PCT/US98/06976)

[87] (WO98/52735)

[30] US (60/048,704) 1997-05-19

[30] US (08/925,593) 1997-09-08

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[11] **2,296,181**

[13] C

[51] **Int.Cl. 7H04N 7/15 7H04L 12/18  
7H04M 3/56**

[25] EN

[54] **SYSTEM FOR PROVIDING A  
DIRECTORY OF AV DEVICES AND  
CAPABILITIES AND CALL  
PROCESSING SUCH THAT EACH  
PARTICIPANT PARTICIPATES TO  
THE EXTENT OF CAPABILITIES  
AVAILABLE**

[54] **SYSTEME POUR FOURNIR UN  
REPERTOIRE DE DISPOSITIFS AV ET  
DE CAPACITES ET DE TRAITEMENT  
D'APPEL DE SORTE QUE TOUS LES  
PARTICIPANTS PUISSENT PRENDRE  
PART AU MAXIMUM DES CAPACITES  
DISPONIBLES**

[72] LAUWERS, J. CHRIS, US

[72] LUDWIG, LESTER F., US

[72] LANTZ, KEITH A., US

[72] BURNETT, GERALD J., US

[72] BURNS, EMMETT R., US

[73] COLLABORATION PROPERTIES,  
INC., US

[22] 1994-10-03

[62] 2,173,209

[30] US (08/131,523) 1993-10-01

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June 3, 2001 - June 9, 2001

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[13] A1  
[51] Int.Cl. 7C12N 15/62 7A61K 48/00  
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[25] EN  
[54] METHODS AND MEANS FOR  
INDUCING APOPTOSIS BY  
INTERFERENCE IN RNA PROCESSING  
[54] METHODES ET MOYENS POUR  
INDUIRE UNE APOPTOSE PAR  
INTERFERENCE LORS DE LA  
MATURATION DE L'ARN  
[72] NOTEBORN, MATHIEU HUBERTUS  
MARIA, NL  
[71] LEADD B.V., NL  
[22] 1999-12-06  
[43] 2001-06-06

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[21] **2,290,090**  
[13] A1  
[51] Int.Cl. 7C12N 5/10 7C12N 5/02  
7C12N 15/11 7G01N 33/569 7C12Q 1/70  
[25] FR  
[54] LIGNEE CELLULAIRE STABLE  
INDUCIBLE N2APRM+E INCLUANT  
L'ADNC CODANT POUR LES  
GLYCOPROTEINES PRM ET E DU  
VIRUS DEN-1: UN SYSTEME MODELE  
POUR TESTER LES PROPRIETES  
INHIBITRICES DES AGENTS ANTI-  
VIRAUX CIBLES POUR LES  
GLYCOPROTEINES DE L'ENVELOPPE  
DES FLAVIVIRIDAE  
[54] INDUCIBLE STABLE CELL LINE  
N2APRM+E INCLUDING THE CODING  
CDNA FOR PRM AND E  
GLYCOPROTEINES OF THE DEN-1  
VIRUS: A MODEL SYSTEM FOR  
TESTING INHIBITING PROPERTIES  
OF ANTI-VIRAL TARGETED FOR THE  
FLAVIVIRIDAE ENVELOPE OF  
GLYCOPROTEINES  
[72] DEUBEL, VINCENT, FR  
[72] COURAGEOT, MARIE-PIERRE, FR  
[72] DESPRES, PHILIPPE, FR  
[71] INSTITUT PASTEUR, FR  
[22] 1999-12-07  
[43] 2001-06-07

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[21] **2,290,722**  
[13] A1  
[51] Int.Cl. 7C07K 14/47 7A61P 31/00  
7A61K 38/17 7C07K 16/18 7A61K 39/385  
7G01N 33/53 7G01N 33/566  
[25] EN  
[54] CONSENSUS PEPTIDE  
PRESENTING ENTITIES  
[54] PRODUITS CONTENANT UNE  
SEQUENCE PEPTIDIQUE CONSENSUS  
[72] KAPLAN, HOWARD A., CA  
[72] MAITI, PRADIP K., CA  
[72] FAST, DARREN G., CA  
[72] HERMAN, WILLIAM, CA  
[72] DAN, MICHAEL D., CA  
[72] LEWIS, KEITH E., CA  
[72] ENTWISTLE, JOCELYN M., CA  
[72] MACDONALD, GLEN C., CA  
[71] NOVOPHARM BIOTECH INC., CA  
[22] 1999-12-08  
[43] 2001-06-08

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[21] **2,291,367**  
[13] A1  
[51] Int.Cl. 7C12N 15/11 7C12N 1/00  
7C12N 5/10 7C12N 15/12 7C12N 15/63  
7C12Q 1/68  
[25] EN  
[54] GENETIC CONSTRUCTIONS  
HAVING A REDUCED OR AN  
INCREASED NUMBER OF  
EPIGENETIC CONTROL REGIONS  
AND METHODS OF USE THEREOF  
[54] ASSEMBLAGES GENETIQUES  
POSSEDANT UN NOMBRE REDUIT OU  
ACCRU DE ZONES DE CONTROLE  
EPIGENETIQUES ET METHODES  
POUR LEUR UTILISATION  
[72] CHOULIKA, ANDRÉ, FR  
[72] HENRY, ISABELLE, FR  
[72] NICOLAS, JEAN-FRANÇOIS, FR  
[71] INSTITUT PASTEUR, FR  
[71] C.N.R.S., FR  
[22] 1999-12-06  
[43] 2001-06-06

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[21] **2,291,490**  
[13] A1  
[51] Int.Cl. 7H01K 1/46 7F21S 4/00  
7H01K 7/06  
[25] EN  
[54] DECORATIVE LAMP USED TO  
CONSTRUCT A LAMP WEB/NET  
[54] LAMPE DECORATIVE UTILISEE  
POUR CONSTRUIRE UN RESEAU DE  
LAMPES  
[72] HSU, YU-YUAN, TW  
[71] HSU, YU-YUAN, TW  
[22] 1999-12-03  
[43] 2001-06-03

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[21] **2,291,493**  
[13] A1  
[51] Int.Cl. 7H04J 1/02 7H04B 1/04 7H04L  
27/26  
[25] EN  
[54] PEAK TO AVERAGE POWER  
RATIO REDUCTION IN  
COMMUNICATION SYSTEMS  
[54] REDUCTION DU RAPPORT  
VALEUR DE CRETE SUR VALEUR  
MOYENNE DU POUVOIR DANS DES  
SYSTEMES DE COMMUNICATIONS  
[72] BOURGET, CHRISTIAN, CA  
[72] TREMBLAY, FRANÇOIS, CA  
[72] STACEY, FRED, CA  
[71] CATENA TECHNOLOGIES  
CANADA, INC., CA  
[22] 1999-12-03  
[43] 2001-06-03

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[21] **2,291,501**  
[13] A1  
[51] Int.Cl. 7F16L 3/10 7F16L 3/223  
[25] FR  
[54] SUPPORT DE TUYAUTERIES  
[54] DUCT SUPPORT  
[72] BLANCHET, LUCIEN, FR  
[71] AIR LB INTERNATIONAL S.A., LU  
[22] 1999-12-03  
[43] 2001-06-03

Canadian Laid-Open Applications  
June 3, 2001 - June 9, 2001

[21] 2,291,503  
[13] A1

[51] **Int.Cl. 7C07F 9/6568**  
[25] EN  
[54] **SYNTHESIS OF ORGANIC PHOSPHINES**  
[54] **SYNTHESE DE PHOSPINES ORGANIQUES**  
[72] BRADARIC, CHRISTINE JULIE, CA  
[72] ROBERTSON, ALLAN JAMES, CA  
[71] CYTEC TECHNOLOGY CORP., US  
[22] 1999-12-03  
[43] 2001-06-03

[21] 2,291,517  
[13] A1

[51] **Int.Cl. 7B65D 3/26 7A61F 6/04**  
[25] FR  
[54] **CONTENANT ETANCHE POUR AU MOINS UN PRESERVATIF**  
[54] **LEAKPROOF CONTAINER FOR AT LEAST ONE PRESERVATIVE**  
[72] LIN, CHIOU-LAN, TW  
[71] LIN, CHIOU-LAN, TW  
[22] 1999-12-06  
[43] 2001-06-06

[21] 2,291,525  
[13] A1

[51] **Int.Cl. 7C01B 13/11**  
[25] EN  
[54] **OZONE GENERATOR**  
[54] **OZONEUR**  
[72] GRINGUAZ, VITALI, CA  
[72] COOPER, DONALD M., CA  
[71] A. H. SIMPSON INDUSTRIES LIMITED, CA  
[22] 1999-12-03  
[43] 2001-06-03

[21] 2,291,529  
[13] A1

[51] **Int.Cl. 7G09F 13/04 7G09F 7/18**  
[25] EN  
[54] **FLEXIBLE FACE SIGN**  
[54] **ENSEIGNE A FACADE SOUPLE**  
[72] DUGUAY, ELOI, CA  
[71] ENSEIGNES "IMPERIAL" SIGNS LTÉE/LTD., CA  
[22] 1999-12-03  
[43] 2001-06-03

[21] 2,291,544  
[13] A1

[51] **Int.Cl. 7F41H 11/12**  
[25] EN  
[54] **PRODDER WITH FORCE FEEDBACK**  
[54] **SONDE A RETOUR D'EFFORT**  
[72] BORZA, MICHAEL A., CA  
[71] DEW ENGINEERING AND DEVELOPMENT LIMITED, CA  
[22] 1999-12-03  
[43] 2001-06-03

[21] 2,291,545  
[13] A1

[51] **Int.Cl. 7G01V 3/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR USE IN CREATING A MAGNETIC DECLINATION PROFILE FOR A BOREHOLE**  
[54] **METHODE ET APPAREIL POUR CREEER LE PROFIL DE DECLINAISON D'UN TROU DE FORAGE**  
[72] BOND, BRUCE JOHN, CA  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 1999-12-03  
[43] 2001-06-03

[21] 2,291,550  
[13] A1

[51] **Int.Cl. 7A42B 3/22**  
[25] EN  
[54] **HELMET WINDSHIELD WITH SUNSHADE DEVICE**  
[54] **VISIERE DE CASQUE MUNIE D'UN DISPOSITIF DE PROTECTION SOLAIRE**  
[72] KUO, CHAO-YEN, TW  
[71] KIN YONG LUNG INDUSTRIAL CO., LTD., TW  
[22] 1999-12-03  
[43] 2001-06-03

[21] 2,291,552  
[13] A1

[51] **Int.Cl. 7B65D 81/02**  
[25] EN  
[54] **PACKING PROTECTOR**  
[54] **PROTECTEUR D'EMBALLAGE**  
[72] BÉLIVEAU, JEAN-LOUIS, CA  
[71] POLYFORM A.G.P. INC., CA  
[22] 1999-12-03  
[43] 2001-06-03

[21] 2,291,558  
[13] A1

[51] **Int.Cl. 7A61J 7/04**  
[25] EN  
[54] **AUTOMATED METHOD FOR DISPENSING BULK MEDICATIONS WITH MACHINE-READABLE CODE**  
[54] **METHODE AUTOMATISEE DE DISTRIBUTION DE MEDICAMENTS EN VRAC AVEC CODE LISIBLE PAR MACHINE**  
[72] JOBUS, RICHARD A., US  
[72] SCHULTZ, DAVID A., US  
[72] CHUDY, DUANE S., US  
[71] AUTOMED TECHNOLOGIES, INC., US  
[22] 1999-12-03  
[43] 2001-06-03

[21] 2,291,560  
[13] A1

[51] **Int.Cl. 7A41F 19/00**  
[25] EN  
[54] **SUSPENDER KIT AND METHOD FOR SUPPORTING A PAIR OF TROUSERS OR PANTS**  
[54] **BRETELLES ET METHODE POUR RETENIR UNE PAIRE DE PANTALONS**  
[72] STRANDBERG, ESKIL E., CA  
[71] STRANDBERG, ESKIL E., CA  
[22] 1999-12-03  
[43] 2001-06-03

[21] 2,291,563  
[13] A1

[51] **Int.Cl. 7B65B 5/08 7B65B 35/10**  
[25] EN  
[54] **APPARATUS AND METHOD FOR FILLING CASES WITH BAG CONTAINING DEFORMABLE PRODUCTS**  
[54] **APPAREIL ET METHODE DE MISE EN CAISSE DE SACS CONTENANT DES PRODUITS DEFORMABLES**  
[72] WETTER, BRUNO, CA  
[71] GLOPAK INC., CA  
[22] 1999-12-03  
[43] 2001-06-03

**Demandes canadiennes mises à la disponibilité du public**  
**3 juin 2001 - 9 juin 2001**

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[21] **2,291,569**  
[13] A1

[51] **Int.Cl. 7F16K 31/44 7B25B 13/00 7F16K 31/60**  
[25] EN  
[54] **MULTI PURPOSE VALVE OPENING TOOL**  
[54] **DISPOSITIF POLYVALENT D'OUVERTURE DE VANNES DE TYPES DIVERS**  
[72] MELLOTT, PATRICK, CA  
[72] LEMAIRE, STEPHAN, CA  
[71] MELLOTT, PATRICK, CA  
[71] LEMAIRE, STEPHAN, CA  
[22] 1999-12-03  
[43] 2001-06-03

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[21] **2,291,571**  
[13] A1

[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **DISPOSABLE ELASTIC ABSORBENT ARTICLE HAVING RETAINING ENCLOSURES**  
[54] **ARTICLE ABSORBANT ELASTIQUE JETABLE MUNI D'ENCEINTES DE RETENUE**  
[72] TURI, MORDECHAI, US  
[72] KAUSCHKE, MICHAEL, US  
[71] FIRST QUALITY ENTERPRISES, INC., US  
[22] 1999-12-03  
[43] 2001-06-03

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[21] **2,291,579**  
[13] A1

[51] **Int.Cl. 7E01C 3/00**  
[25] EN  
[54] **FOUNDATION CONSTRUCTION USING RECYCLED TIRE WALLS**  
[54] **CONSTRUCTION DE FONDATIONS SE SERVANT DE PNEUS RECYCLES**  
[72] LEIBL, ASHLEY, CA  
[71] LEIBL, ASHLEY, CA  
[22] 1999-12-03  
[43] 2001-06-03

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[21] **2,291,580**  
[13] A1

[51] **Int.Cl. 7B63B 21/46 7B63B 21/38**  
[25] EN  
[54] **ANCHORING OF OBJECTS**  
[54] **ANCRAGE D'OBJETS**  
[72] MELE, PETER C., US  
[71] MELE, PETER C., US  
[22] 1999-12-06  
[43] 2001-06-06

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[21] **2,291,581**  
[13] A1

[51] **Int.Cl. 7A01K 91/06 7A01K 97/12**  
[25] EN  
[54] **FISHING ROD MOTION INDICATOR WITH VISUAL AND AUDIBLE FEATURES**  
[54] **INDICATEUR DE MOUVEMENT POUR CANNE A PECHE, AVEC CARACTERISTIQUES VISUELLES ET SONORES**  
[72] BUCZKOWSKI, ANDRZEJ, US  
[72] TALEJKO, WITALIS, PL  
[71] BUCZKOWSKI, ANDRZEJ, US  
[71] TALEJKO, WITALIS, PL  
[22] 1999-12-03  
[43] 2001-06-03

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[21] **2,291,583**  
[13] A1

[51] **Int.Cl. 7B65G 65/23**  
[25] EN  
[54] **CART HANDLING DEVICE**  
[54] **DISPOSITIF DE MANIEMENT DE CHARIOTS**  
[72] ROBBINS, ROBERT RALPH, CA  
[71] ROBBINS, ROBERT RALPH, CA  
[22] 1999-12-03  
[43] 2001-06-03

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[21] **2,291,589**  
[13] A1

[51] **Int.Cl. 7A47F 5/00 7A47F 7/00**  
[25] EN  
[54] **DISPLAY SHELVING**  
[54] **ETALAGE**  
[72] ROGER, LESLIE EWART NEIL, CA  
[72] MAHESWARAN, SARAVANAN, CA  
[72] O'REILLY, ROBERT WHEELER, CA  
[71] CDA INDUSTRIES INC., CA  
[22] 1999-12-06  
[43] 2001-06-06

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[21] **2,291,589**  
[13] A1

[51] **Int.Cl. 7A47F 5/00 7A47F 7/00**  
[25] EN  
[54] **DISPLAY SHELVING**  
[54] **ETALAGE**  
[72] ROGER, LESLIE EWART NEIL, CA  
[72] MAHESWARAN, SARAVANAN, CA  
[72] O'REILLY, ROBERT WHEELER, CA  
[71] CDA INDUSTRIES INC., CA  
[22] 1999-12-06  
[43] 2001-06-06

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[21] **2,291,600**  
[13] A1

[51] **Int.Cl. 7E21B 7/08**  
[25] EN  
[54] **ACTIVELY CONTROLLED ROTARY STEERABLE SYSTEM AND METHOD FOR DRILLING WELLS**  
[54] **SYSTEME ROTATIF ET ORIENTABLE COMMANDE ACTIVEMENT ET PROCEDE POUR FORER DES PUITTS**  
[72] PIROVOLOU, DIMITRIOS K., US  
[72] KOTSONIS, SPYRO J., US  
[72] PISONI, ATTILIO C., US  
[72] KOSMALA, ALEXANDRE G. E., US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 1999-12-06  
[43] 2001-06-06

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[21] **2,291,680**  
[13] A1

[51] **Int.Cl. 7A63F 13/12 7H04L 12/16**  
[25] EN  
[54] **ENTERTAINMENT SYSTEM OFFERING MERIT-BASED REWARDS**  
[54] **SYSTEME DE DISTRACTION OFFRANT DES RECOMPENSES FONDEES SUR LE MERITE**  
[72] DONOVAN, PAUL, CA  
[72] RASMUSSEN, SEAN, CA  
[71] SALTER NEW MEDIA LIMITED, CA  
[22] 1999-12-03  
[43] 2001-06-03

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[21] **2,291,687**  
[13] A1

[51] **Int.Cl. 7B60R 9/06 7B60R 9/08**  
[25] FR  
[54] **SUPPORT MOBILE**  
[54] **MOBILE RACK**  
[72] TREMBLAY, PIERRE, CA  
[71] TREMBLAY, PIERRE, CA  
[22] 1999-12-07  
[43] 2001-06-07

Canadian Laid-Open Applications  
June 3, 2001 - June 9, 2001

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[21] **2,291,707**  
[13] A1  
[51] **Int.Cl. 7F16B 21/18 7H02K 5/22**  
[25] EN  
[54] **A CLAMPING SPRING RING**  
[54] **BAGUE ELASTIQUE DE FIXATION**  
[72] BRATTHALL, JOHAN, SE  
[72] OGREN, LARS, SE  
[72] STAHL, BORJE, SE  
[71] ITT MANUFACTURING  
ENTERPRISES, INC., US  
[22] 1999-12-03  
[43] 2001-06-03

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[21] **2,291,799**  
[13] A1  
[51] **Int.Cl. 7B65D 25/16 7B65D 25/02**  
**7B65D 5/40 7B65D 5/60**  
[25] EN  
[54] **REUSABLE RECYCLABLE BOX**  
**LINER**  
[54] **REVETEMENT INTERIEUR**  
**REUTILISABLE DE BOITE**  
**RECYCLABLE**  
[72] ANDREWS, LEE, CA  
[71] ANDREWS, LEE, CA  
[22] 1999-12-06  
[43] 2001-06-06

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[21] **2,291,819**  
[13] A1  
[51] **Int.Cl. 7G09F 3/00 7G09F 3/04**  
[25] EN  
[54] **SQUEEGEE PEOPLE AVOIDANCE**  
**SIGN**  
[54] **AUTOCOLLANT POUR**  
**INTERDIRE LES LAVEURS DE PARE-**  
**BRISE**  
[72] GRIEVE, SEAN WILLIAM, CA  
[71] GRIEVE, SEAN WILLIAM, CA  
[22] 1999-12-08  
[43] 2001-06-08

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[21] **2,291,824**  
[13] A1  
[51] **Int.Cl. 7A63B 71/06**  
[25] EN  
[54] **METHOD FOR IMPROVING GOLF**  
**PLAY UTILIZING A GOLF DISTANCE**  
**INDICATOR AND STROKE**  
**RECORDING DEVICE**  
[54] **METHODE POUR AMELIORER**  
**SON JEU DE GOLF AU MOYEN D'UN**  
**DISPOSITIF DME ET UN DISPOSITIF**  
**ENREGISTREUR DE COUPS**  
[72] ZORETIC, RICHARD J., CA  
[72] ZORETIC, MARKO R., CA  
[71] ZORETIC, RICHARD J., CA  
[71] ZORETIC, MARKO R., CA  
[22] 1999-12-09  
[43] 2001-06-09

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[21] **2,291,835**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56 7H04L 12/24**  
[25] EN  
[54] **LOAD ADAPTIVE BUFFER**  
**MANAGEMENT IN PACKET**  
**NETWORKS**  
[54] **GESTION DE TAMPON**  
**ADAPTATIF EN FONCTION DE LA**  
**CHARGE DANS DES RESEAUX DE**  
**TRANSMISSION PAR PAQUETS**  
[72] OUELLETTE, MICHEL, CA  
[72] AWEYA, JAMES, CA  
[72] MONTUNO, DELFIN Y., CA  
[72] CHAPMAN, ALAN S., CA  
[71] NORTEL NETWORKS  
CORPORATION, CA  
[22] 1999-12-06  
[43] 2001-06-06

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[21] **2,291,846**  
[13] A1  
[51] **Int.Cl. 7E04H 7/30 7F16S 3/00 7A01F**  
**25/14**  
[25] EN  
[54] **GRAIN BIN REINFORCEMENT**  
[54] **RENFORCEMENT DE CELLULE A**  
**GRAINS**  
[72] WELCH, JOHN P., CA  
[71] TWISTER PIPE LTD., CA  
[22] 1999-12-07  
[43] 2001-06-07

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[21] **2,291,849**  
[13] A1  
[51] **Int.Cl. 7E21B 43/38**  
[25] EN  
[54] **SEPARATION AND RECOVERY**  
**OF LIQUID-PHASE PETROLEUM**  
**HYDROCARBONS FROM WATER**  
[54] **SEPARATION**  
**D'HYDROCARBURES PETROLIERS**  
**LIQUIDES DE L'EAU ET LEUR**  
**RECUPERATION**  
[72] GLASSFORD, CRAIG, CA  
[72] CAMPBELL, WADE, CA  
[71] GLASSFORD, CRAIG, CA  
[71] CAMPBELL, WADE, CA  
[22] 1999-12-06  
[43] 2001-06-06

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[21] **2,291,850**  
[13] A1  
[51] **Int.Cl. 7E01H 5/06 7E02F 3/815**  
[25] EN  
[54] **PLOW LIFTING SYSTEM**  
[54] **SYSTEME DE LEVAGE DU SOC**  
[72] HOULE, BERTRAND Y., CA  
[71] 177197 CANADA LTEE, CA  
[22] 1999-12-07  
[43] 2001-06-07

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[21] **2,291,890**  
[13] A1  
[51] **Int.Cl. 7B22D 11/10 7C21D 1/06**  
**7C21D 9/30**  
[25] EN  
[54] **METHOD FOR HEAT TREATING**  
**MOLD CAST PRODUCT**  
[54] **METHODE DE TRAITEMENT**  
**THERMIQUE DE PRODUIT MOULE**  
[72] OHNUMA, TOSHIAKI, JP  
[72] YAMADA, NORIYUKI, JP  
[72] TAKAHASHI, TOMOTAKA, JP  
[72] MATSUO, NOBUKI, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[71] HONDA GIKEN KOGYO  
KABUSHIKI KAISHA, JP  
[22] 1999-12-08  
[43] 2001-06-08

**Demandes canadiennes mises à la disponibilité du public**  
**3 juin 2001 - 9 juin 2001**

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[21] **2,291,896**  
[13] A1

[51] **Int.Cl. 7F24C 7/08**  
[25] EN  
[54] **METHOD AND APPARATUS OF CONTROLLING OPERATION OF RANGE TOP HEATING ELEMENTS FOR COOKING**  
[54] **METHODE ET DISPOSITIF DE COMMANDE D'ELEMENTS CHAUFFANTS DE CUISINIERE POUR LA CUISSON**  
[72] SHAH, REZA H., CA  
[71] SHAH, REZA H., CA  
[22] 1999-12-07  
[43] 2001-06-07

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[21] **2,291,899**  
[13] A1

[51] **Int.Cl. 7B65H 75/02 7B65H 75/18 7B65D 85/66**  
[25] EN  
[54] **COIL PROTECTOR**  
[54] **PROTECTEUR DE SERPENTIN**  
[72] O'SULLIVAN, BRIAN JONATHAN, CA  
[71] O'SULLIVAN, BRIAN JONATHAN, CA  
[22] 1999-12-07  
[43] 2001-06-07

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[21] **2,291,937**  
[13] A1

[51] **Int.Cl. 7F16L 41/14 7F16L 47/28**  
[25] EN  
[54] **DEVICE FOR COUPLING AN EXHAUST TUBE TO AN EXHAUST PORT**  
[54] **DISPOSITIF D'ASSEMBLAGE D'UN TUBE D'ECHAPPEMENT A UN ORIFICE D'ECHAPPEMENT**  
[72] ROBINEAU, CLAUDE, CA  
[71] ROBINEAU, CLAUDE, CA  
[22] 1999-12-09  
[43] 2001-06-09

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[21] **2,291,939**  
[13] A1

[51] **Int.Cl. 7G01R 31/08 7B64D 45/00 7B64F 5/00**  
[25] EN  
[54] **METHOD FOR DIAGNOSING DEGRADATION IN AIRCRAFT WIRING**  
[54] **METHODE POUR DECELER LA DETERIORATION DU CABLAGE ELECTRIQUE D'UN AERONEF**  
[72] ORTON, HARRY E., CA  
[71] ORTON, HARRY E., CA  
[22] 1999-12-08  
[43] 2001-06-08

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[21] **2,291,943**  
[13] A1

[51] **Int.Cl. 7B42D 15/00**  
[25] EN  
[54] **UNIQUE DIARY**  
[54] **JOURNAL INTIME UNIQUE**  
[72] DEBLY, HABIB, CA  
[71] DEBLY, HABIB, CA  
[22] 1999-12-09  
[43] 2001-06-09

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[21] **2,291,956**  
[13] A1

[51] **Int.Cl. 7B43K 23/00**  
[25] EN  
[54] **THUMBUDDY**  
[54] **ACCESSOIRE PORTE-DISPOSITIF D'ECRITURE " THUMBUDDY "**  
[72] STEPHENS, LYNN, CA  
[71] STEPHENS, LYNN, CA  
[22] 1999-12-03  
[43] 2001-06-03

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[21] **2,291,957**  
[13] A1

[51] **Int.Cl. 7G02F 1/295 7G02F 1/361 7G02F 1/365**  
[25] EN  
[54] **OPTICAL WAVEGUIDE SWITCH USING TWO SYMMETRIC HIGH-EXTINCTION-RATIO INTENSITY MODULATORS**  
[54] **INTERRUPTEUR DE GUIDE D'ONDE OPTIQUE UTILISANT DEUX MODULATEURS D'INTENSITE SYMETRIQUES A RAPPORT D'ABSORBANCE ELEVE**  
[72] SUN, DE-GUI, CA  
[71] SUN, DE-GUI, CA  
[22] 1999-12-06  
[43] 2001-06-06

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[21] **2,291,958**  
[13] A1

[51] **Int.Cl. 7A61N 5/06**  
[25] EN  
[54] **PHOTOTHERAPY APPARATUS AND METHOD FOR HYPERBILIRUBINEMIA TREATMENT**  
[54] **APPAREIL DE PHOTOTHERAPIE ET METHODE POUR LE TRAITEMENT DE L'HYPERBILIRUBINEMIE**  
[72] SANSALONE, S.N., CA  
[71] SANSALONE, S.N., CA  
[22] 1999-12-08  
[43] 2001-06-08

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[21] **2,291,959**  
[13] A1

[51] **Int.Cl. 7A61K 31/205 7A61P 9/10 7A61K 31/122 7A61K 31/198 7A61K 31/202 7A61K 31/355 7A61K 31/375 7A61K 31/4415 7A61K 31/455 7A61K 31/519 7A61K 31/675 7A61K 31/714**  
[25] EN  
[54] **A NUTRICEUTICAL COMPOSITION OF L-CARNITINE, UBIQUINONE, N-3 POLYUNSATURATED FATTY ACIDS AND VITAMINS SPECIFICALLY FORMULATED AT PHARMACOLOGICAL DOSES FOR THE AMELIORATION OF THE RISK FACTORS AND SYMPTOMS OF ATHEROSCLEROSIS-RELATED ILLNESSES**  
[54] **COMPOSITION NUTRACEUTIQUE DE L-CARNITINE, D'UBIQUINONE, D'ACIDES GRAS N-3 POLYINSATURES ET DE VITAMINES SPECIALEMENT FORMULES EN DOSES PHARMACOLOGIQUES POUR AMELIORER LES ELEMENTSRELATIFS AUX FACTEURS DE RISQUE ET AUX SYMPTOMES DE MALADIES RELIEES A L'ATHEROSCLEROSE**  
[72] KORN, ALEX P., CA  
[71] KORN, ALEX P., CA  
[22] 1999-12-08  
[43] 2001-06-08



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[21] **2,291,984**  
[13] A1  
[51] **Int.Cl. 7C12N 1/20 7A01N 63/00**  
[25] EN  
[54] **CONTROL OF FIRE BLIGHT ON POME FRUIT TREES WITH ERWINIA HERBICOLA**  
[54] **CONTROLE DE LA BRULURE BACTERIENNE SUR LES POMOIDEES INFECTEES DE LA BACTERIE ERWINIA HERBICOLA**  
[72] PUSEY, P. LAWRENCE, US  
[71] UNITED STATES OF AMERICA, REPRESENTED BY THE SECRETARY OF THE, US  
[22] 1999-12-09  
[43] 2001-06-09

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[21] **2,292,011**  
[13] A1  
[51] **Int.Cl. 7A61M 1/14**  
[25] EN  
[54] **METHOD AND DEVICE WHICH PERMIT THE PREPARATION OF A SOLUTION OF AT LEAST ONE POWDERED PRODUCT IN A LIQUID FLUID**  
[54] **METHODE ET DISPOSITIF PERMETTANT LA PREPARATION D'UNE SOLUTION D'AU MOINS UN PRODUIT EN POUDRE DANS UN LIQUIDE**  
[72] MATHIS, JEAN-FRANÇOIS, FR  
[72] VINCENT, ERIC, FR  
[71] A.A.S., FR  
[22] 1999-12-09  
[43] 2001-06-09

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[21] **2,292,014**  
[13] A1  
[51] **Int.Cl. 7E05B 47/00 7E05B 19/00**  
[25] EN  
[54] **HIERARCHICAL KEY CONTROL FOR ELECTRONIC LOCKS**  
[54] **CLEF DE CONTROLE HIERARCHIQUE POUR VERROUILLAGES ELECTRONIQUES**  
[72] BERNTSEN, STEVEN, CA  
[72] TOLEDANO, ANICK, CA  
[72] DOYON, PIERRE, CA  
[72] BAO, CO PHAT HUYHN, CA  
[72] MESSIER, YVES, CA  
[72] LIVEANU, RODICA, CA  
[71] ILCO UNICAN INC., CA  
[22] 1999-12-07  
[43] 2001-06-07

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[21] **2,292,024**  
[13] A1  
[51] **Int.Cl. 7B64D 25/08 7B64D 25/14**  
[25] EN  
[54] **EMERGENCY PASSENGER EVACUATION CHUTE AND CHUTE/SLIDE COMBINATION FOR AIRCRAFT**  
[54] **RAMPE D'EVACUATION D'URGENCE POUR PASSAGERS ET COMBINAISON RAMPE/GLISSIERE POUR AERONEF**  
[72] BOCKHOLD, DAVID LAWRENCE, CA  
[71] BOCKHOLD, DAVID LAWRENCE, CA  
[22] 1999-12-07  
[43] 2001-06-07

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[21] **2,292,034**  
[13] A1  
[51] **Int.Cl. 7E06B 11/02 7E04H 17/00**  
[25] EN  
[54] **HERITAGE GATE SYSTEM**  
[54] **SYSTEME DE BARRIERE HERITAGE**  
[72] RAJALA, DOUGLAS F., CA  
[71] RAJALA, DOUGLAS F., CA  
[22] 1999-12-08  
[43] 2001-06-08

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[21] **2,292,044**  
[13] A1  
[51] **Int.Cl. 7F16J 15/52 7B02C 17/18 7F16J 15/34 7F16J 15/54**  
[25] EN  
[54] **MECHANICAL SEAL**  
[54] **JOINT MECANIQUE**  
[72] WARNER, RONALD S., CA  
[72] TELEWIAK, WALTER, CA  
[71] PCI CHEMICALS CANADA INC., CA  
[22] 1999-12-09  
[43] 2001-06-09

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[21] **2,292,090**  
[13] A1  
[51] **Int.Cl. 7A01K 1/06 7A01K 13/00**  
[25] EN  
[54] **WEANLING PROCESSING RACK**  
[54] **DISPOSITIF DE TRAITEMENT D'ANIMAUX SEVRES**  
[72] FRIESEN, ABRAM, CA  
[71] FRIESEN, ABRAM, CA  
[22] 1999-12-09  
[43] 2001-06-09

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[21] **2,292,100**  
[13] A1  
[51] **Int.Cl. 7G04F 3/02**  
[25] EN  
[54] **APPLIANCE TIMER HAVING AN AUXILIARY SWITCHING ASSEMBLY FOR INCREASING SWITCHING CAPACITY AND ASSOCIATED METHOD**  
[54] **MINUTEUR D'UN APPAREIL MUNI D'UN COMMUTATEUR AUXILIAIRE POUR AMELIORER LA CAPACITE DE COMMUTATION, ET METHODE CONNEXE**  
[72] AMONETT, DANIEL K., US  
[71] EMERSON ELECTRIC CO., US  
[22] 1999-12-09  
[43] 2001-06-09

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[21] **2,292,121**  
[13] A1  
[51] **Int.Cl. 7B65D 5/30**  
[25] EN  
[54] **TRANSPARENT BOX FOR DISPLAYING AND STORING CD RACKS AND THE LIKE**  
[54] **BOITE TRANSPARENTE POUR AFFICHER ET ENTREPOSER DES PORTE-DC ET DES OBJETS SEMBLABLES**  
[72] DARDASHTI, SHAHRIAR, US  
[71] DARDASHTI, SHAHRIAR, US  
[22] 1999-12-08  
[43] 2001-06-08

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[21] **2,292,125**  
[13] A1  
[51] **Int.Cl. 7E06B 1/36**  
[25] EN  
[54] **WINDOW FRAME STRUCTURE**  
[54] **STRUCTURE DE CADRE DE FENETRE**  
[72] LINDAHL, EDMOND CARL, CA  
[71] MARZEN ARTISTIC ALUMINUM LTD., CA  
[22] 1999-12-07  
[43] 2001-06-07

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[21] **2,292,128**  
[13] A1

[51] **Int.Cl. 7F17D 3/05 7F17D 1/04 7F17D 3/12**  
[25] EN  
[54] **MULTI-GAS DELIVERY SYSTEM**  
[54] **SYSTEME D'ADMINISTRATION DE PLUSIEURS GAZ**  
[72] MILLER, JOHN W. R., CA  
[72] MILLER, CHRIS C., CA  
[72] FAIRBANKS, STEVEN, CA  
[71] PULMONOX MEDICAL CORPORATION, CA  
[22] 1999-12-08  
[43] 2001-06-08

[21] **2,292,307**  
[13] A1

[51] **Int.Cl. 7B62D 25/20**  
[25] EN  
[54] **LOAD BED AND METHOD OF MANUFACTURE**  
[54] **BANC DE CHARGEMENT ET METHODE DE FABRICATION**  
[72] HICKLING, PAUL D., CA  
[72] BELCHOS, MICHAEL S., CA  
[71] DIESEL EQUIPMENT LIMITED, CA  
[22] 1999-12-16  
[43] 2001-06-06  
[30] US (09/455,332) 1999-12-06

[21] **2,294,043**  
[13] A1

[51] **Int.Cl. 7B41J 13/00 7B41J 13/02**  
[25] EN  
[54] **SHEET PRESENTER AND METHOD OF USING SAME**  
[54] **DISPOSITIF DE PRESENTATION DE FEUILLES ET METHODE D'UTILISATION**  
[72] BASS, DOUGLAS D., US  
[72] KLEIN, GLENN F., US  
[71] BDT PRODUCTS, INC., US  
[22] 1999-12-07  
[43] 2001-06-07

[21] **2,292,199**  
[13] A1

[51] **Int.Cl. 7F23G 7/08 7F23G 5/10**  
[25] EN  
[54] **GAS FLARE**  
[54] **TORCHE A GAZ**  
[72] RASMUSSEN, ADAIR, CA  
[71] RASMUSSEN, ADAIR, CA  
[22] 1999-12-06  
[43] 2001-06-06

[21] **2,292,333**  
[13] A1

[51] **Int.Cl. 7H04N 7/15 7G06F 3/033**  
[25] EN  
[54] **VIRTUAL OFFICE GRAPHICAL USER INTERFACE**  
[54] **INTERFACE-UTILISATEUR GRAPHIQUE DE BUREAU VIRTUEL**  
[72] SHIELDS, MICHAEL, CA  
[72] EYERS, BRAD, CA  
[71] SHIELDS, MICHAEL, CA  
[22] 1999-12-06  
[43] 2001-06-06

[21] **2,294,693**  
[13] A1

[51] **Int.Cl. 7H04L 29/14 7G11B 23/00 7H04L 12/56**  
[25] EN  
[54] **METHOD AND SYSTEM FOR PROTECTING VIRTUAL TRAFFIC IN A COMMUNICATIONS NETWORK**  
[54] **METHODE ET SYSTEME DE PROTECTION DE TRAFIC VIRTUEL DANS UN RESEAU DE COMMUNICATION**  
[72] GRENIER, GUY-LAVAL, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-01-11  
[43] 2001-06-08  
[30] US (09/456,566) 1999-12-08

[21] **2,292,214**  
[13] A1

[51] **Int.Cl. 7E21B 19/22**  
[25] EN  
[54] **COILED TUBING DRILLING RIG**  
[54] **INSTALLATION DE FORAGE A TIGES HELICOIDALES**  
[72] GIPSON, THOMAS C., US  
[72] CARRIER, GENE J., CA  
[71] PLAINS ENERGY SERVICES LTD., CA  
[22] 1999-12-06  
[43] 2001-06-06

[21] **2,292,363**  
[13] A1

[51] **Int.Cl. 7F24B 9/00**  
[25] EN  
[54] **WATER HEATER**  
[54] **CHAUFFE-EAU**  
[72] PAQUETTE, ROSAIRE ROBERT R. P., CA  
[72] BOURQUE, ALFRED PAUL P. B., CA  
[71] PAQUETTE, ROSAIRE ROBERT R. P., CA  
[71] BOURQUE, ALFRED PAUL P. B., CA  
[22] 1999-12-08  
[43] 2001-06-08

[21] **2,296,176**  
[13] A1

[51] **Int.Cl. 7B60R 22/405**  
[25] EN  
[54] **VEHICULAR SEATBELT RETRACTOR**  
[54] **DISPOSITIF DE RAPPEL DE CEINTURES DE SECURITE POUR VEHICULES**  
[72] BAE, KI-YOUNG, KR  
[71] SUNGWOO CORPORATION, KR  
[22] 2000-01-17  
[43] 2001-06-09  
[30] KR (99-56259) 1999-12-09

[21] **2,292,306**  
[13] A1

[51] **Int.Cl. 7G09B 5/00**  
[25] EN  
[54] **MENTOR ON CALL**  
[54] **GUIDE SUR DEMANDE**  
[72] RODGERS, JAMES NEIL, CA  
[71] RODGERS, JAMES NEIL, CA  
[22] 1999-12-09  
[43] 2001-06-09

[21] **2,292,364**  
[13] A1

[51] **Int.Cl. 7G06F 13/14**  
[25] EN  
[54] **WORLD WIDE WEB ADDRESSES IN CHINESE CHARACTERS**  
[54] **ADRESSES WEB EN CARACTERES CHINOIS**  
[72] CHAN, BENTON K., CA  
[71] CHAN, BENTON K., CA  
[22] 1999-12-08  
[43] 2001-06-08

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[21] **2,296,573**  
[13] A1

[51] **Int.Cl. 7A47B 87/00**  
[25] EN  
[54] **STRUCTURAL MEMBER WITH ALIGNING MEANS FOR A MATING PART**  
[54] **ELEMENT DE STRUCTURE A DISPOSITIF D'ALIGNEMENT POUR PIECE D'ACCOUPLLEMENT**  
[72] LIVINGSTON, HOWARD F., US  
[72] HECHT, THOMAS R., US  
[71] HOME GARDENER MANUFACTURING CO., INC., US  
[22] 2000-01-20  
[43] 2001-06-06  
[30] US (09/455,309) 1999-12-06

[21] **2,297,886**  
[13] A1

[51] **Int.Cl. 7B60P 3/39**  
[25] EN  
[54] **EXTENDABLE SLEEPER FOR A TRUCK**  
[54] **CABINE-COUCHETTE EXTENSIBLE POUR CAMION**  
[72] COREY, JEFFREY S., US  
[72] KAHN, WILLIAM C., US  
[72] SCHNECK, FRANK H., JR., US  
[72] COOK, CHARLES L., US  
[71] PACCAR INC., US  
[22] 2000-02-03  
[43] 2001-06-08  
[30] US (09/456,635) 1999-12-08

[21] **2,298,042**  
[13] A1

[51] **Int.Cl. 7B25G 3/02 7A01B 1/22**  
[25] EN  
[54] **TOOL WITH REMOVABLE HANDLE**  
[54] **OUTIL A MANCHE AMOVIBLE**  
[72] SPEAR, KENNETH J., US  
[71] O. AMES CO., US  
[22] 2000-02-04  
[43] 2001-06-07  
[30] US (09/456,840) 1999-12-07

[21] **2,301,402**  
[13] A1

[51] **Int.Cl. 7F01M 5/02 7B23B 41/00 7B60S 5/00**  
[25] EN  
[54] **METHOD OF INSTALLING AN OIL PAN HEATER ON AN OIL PAN MOUNTED ON AN ENGINE BLOCK**  
[54] **METHODE DE MONTAGE D'UN CHAUFFE-CARTER SUR UN CARTER DE BLOC MOTEUR**  
[72] PORTER, ROGER E., US  
[72] HOWELL, EDWARD H., III, US  
[71] NAVISTAR INTERNATIONAL TRANSPORTATION CORP., US  
[22] 2000-03-16  
[43] 2001-06-08  
[30] US (09/457,633) 1999-12-08

[21] **2,303,682**  
[13] A1

[51] **Int.Cl. 7A01N 3/00 7C07D 305/14**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DRYING TAXANE-CONTAINING PLANT MATTER**  
[54] **APPAREIL ET METHODE D'ASSECHEMENT DE MATERIAU DE PLANTE CONTENANT DU TAXANE**  
[72] FREYN, HEINZ, CA  
[72] WENDLANDT, HENNING, CA  
[71] FREYN, HEINZ, CA  
[71] WENDLANDT, HENNING, CA  
[22] 2000-04-03  
[43] 2001-06-03

[21] **2,307,799**  
[13] A1

[51] **Int.Cl. 7B62D 11/00**  
[25] EN  
[54] **TRACKED VEHICLE STEERING CONTROL SYSTEM WITH NON-CENTERED STEERING WHEEL**  
[54] **MECANISME DE COMMANDE DE DIRECTION D'UN VEHICULE CHENILLE AVEC ROUE DIRECTRICE NON CENTREE**  
[72] EASTON, DAVID JOSEPH, US  
[71] DEERE & COMPANY, US  
[22] 2000-05-04  
[43] 2001-06-09  
[30] US (09/456,701) 1999-12-09

[21] **2,307,829**  
[13] A1

[51] **Int.Cl. 7B62D 11/16**  
[25] EN  
[54] **TRACKED VEHICLE CLOSED LOOP STEERING SYSTEM**  
[54] **SYSTEME DE DIRECTION EN BOUCLE FERMEE D'UN VEHICULE CHENILLE**  
[72] EASTON, DAVID JOSEPH, US  
[71] DEERE & COMPANY, US  
[22] 2000-05-09  
[43] 2001-06-09  
[30] US (09/456,702) 1999-12-09

[21] **2,307,909**  
[13] A1

[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **DYNAMIC APPLICATION BROWSER AND DATABASE FOR USE THEREWITH**  
[54] **EXPLORATEUR D'APPLICATION DYNAMIQUE ET BASE DE DONNEES A UTILISER AVEC CET EXPLORATEUR**  
[72] SCHRAG, MICHAEL H., US  
[72] RABUNG, ADAM J., US  
[71] EXPERIENT TECHNOLOGIES, LLC, US  
[22] 2000-05-09  
[43] 2001-06-07  
[30] US (09/456,378) 1999-12-07

[21] **2,310,336**  
[13] A1

[51] **Int.Cl. 7G06F 3/14**  
[25] EN  
[54] **DUAL-SCREEN DIGITAL POSTER**  
[54] **AFFICHAGE NUMERIQUE SUR DOUBLE ECRAN**  
[72] FORBES, IAN B., CA  
[71] FRED SYSTEMS LTD., CA  
[22] 2000-05-31  
[43] 2001-06-03  
[30] US (60/168,619) 1999-12-03

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[21] **2,310,380**  
[13] A1

[51] **Int.Cl. 7B65G 21/20**  
[25] EN  
[54] **CONVEYOR BELT SIDE CURTAINS**  
[54] **PARAVENTS LATERAUX POUR BANDE TRANSPORTEUSE**  
[72] OSTMAN, ARTHUR C., US  
[71] NELSON-WILLIAMS LININGS, INC., US  
[71] OSTMAN, ARTHUR C., US  
[22] 2000-06-01  
[43] 2001-06-06  
[30] US (09/455,387) 1999-12-06

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[21] **2,310,700**  
[13] A1

[51] **Int.Cl. 7B81B 1/00 7B81C 1/00 7B01D 57/02**  
[25] EN  
[54] **MICROCHIP FOR CAPILLARY GEL ELECTROPHORESIS AND THE METHOD FOR FABRICATING THE SAME**  
[54] **PUCE ELECTRONIQUE POUR ELECTROPHORESE CAPILLAIRE EN GEL, ET METHODE DE FABRICATION CONNEXE**  
[72] FUJII, TERUO, JP  
[72] ENDO, ISAO, JP  
[72] HOSOKAWA, KAZUO, JP  
[72] HONG, JONG WOOK, JP  
[72] SEKI, MINORU, JP  
[71] THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, JP  
[22] 2000-06-06  
[43] 2001-06-03  
[30] JP (11-345050) 1999-12-03

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[21] **2,310,875**  
[13] A1

[51] **Int.Cl. 7H04L 12/12**  
[25] EN  
[54] **SYSTEM, DEVICE, AND METHOD FOR NON-DISRUPTIVE SHUTDOWN IN A COMMUNICATION NETWORK**  
[54] **SYSTEME, DISPOSITIF ET METHODE D'ARR~T ORDONNE D'UN RESEAU DE COMMUNICATION**  
[72] CAIN, BRADLEY, US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-06-02  
[43] 2001-06-08  
[30] US (09/457,180) 1999-12-08

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[21] **2,310,881**  
[13] A1

[51] **Int.Cl. 7H05K 5/00 7F42D 5/04**  
[25] EN  
[54] **SHOCK-RESISTANT ELECTRONIC CIRCUIT ASSEMBLY**  
[54] **ENSEMBLE DE CIRCUIT ELECTRONIQUE RESISTANT AUX CHOCS**  
[72] TSEKA, THOMAS C., US  
[72] FRITZ, JAMES E., US  
[72] MARSHALL, PAUL N., US  
[72] WALSH, BRENDAN M., US  
[71] THE ENSIGN-BICKFORD COMPANY, US  
[22] 2000-06-05  
[43] 2001-06-06  
[30] US (09/455,548) 1999-12-06

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[21] **2,311,108**  
[13] A1

[51] **Int.Cl. 7H04L 12/24**  
[25] EN  
[54] **SYSTEM, DEVICE, AND METHOD FOR SENDING KEEP-ALIVE MESSAGES IN A COMMUNICATION NETWORK**  
[54] **SYSTEME, DISPOSITIF ET METHODE POUR ENVOYER DES MESSAGES D'ENTRETIEN DANS UN RESEAU DE COMMUNICATION**  
[72] CAIN, BRADLEY, US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-06-02  
[43] 2001-06-08  
[30] US (09/457,209) 1999-12-08

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[21] **2,311,206**  
[13] A1

[51] **Int.Cl. 7H01R 4/66 7H05K 7/20**  
[25] EN  
[54] **HIGH TEMPERATURE GROUND CONNECTION**  
[54] **MISE A LA TERRE A HAUTE TEMPERATURE**  
[72] RADOSAVLJEVIC, DEJAN, US  
[72] BRYNDZIA, MICHAEL R., US  
[71] PASS & SEYMOUR, INC., US  
[22] 2000-06-13  
[43] 2001-06-03  
[30] US (09/454,099) 1999-12-03

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[21] **2,312,011**  
[13] A1

[51] **Int.Cl. 7H04L 12/16**  
[25] EN  
[54] **METHOD FOR PERFORMING PHOTOGRAPHIC PRODUCT DISTRIBUTION**  
[54] **METHODE POUR DISTRIBUER DES PRODUITS PHOTOGRAPHIQUES**  
[72] GRABWOSKI, JAMES R., US  
[71] HASCO INTERNATIONAL, INC., US  
[22] 2000-06-20  
[43] 2001-06-08  
[30] US (09/457,246) 1999-12-08

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[21] **2,313,655**  
[13] A1

[51] **Int.Cl. 7A61M 37/00**  
[25] EN  
[54] **CONNECTION SYSTEM FOR AN IONTOPHORETIC DRUG DELIVERY DEVICE**  
[54] **SYSTEME DE CONNEXION POUR DISPOSITIF DE RELARGAGE DE MEDICAMENTS IONOPHORETIQUES**  
[72] BECK, JON E., US  
[72] LEAF, BRIAN KEITH, US  
[71] IOMED, INC., US  
[22] 2000-07-10  
[43] 2001-06-09  
[30] US (09/458,239) 1999-12-09

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[21] **2,313,911**  
[13] A1

[51] **Int.Cl. 7G02C 9/00**  
[25] EN  
[54] **EYEGLASSES FRAME HAVING AUXILIARY EYEGLASSES**  
[54] **MONTURE DE LUNETTES AVEC LUNETTES AUXILIAIRES**  
[72] KU, KUO SHENG, TW  
[71] KU, KUO SHENG, TW  
[22] 2000-07-14  
[43] 2001-06-08  
[30] US (09/456,471) 1999-12-08

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[21] **2,314,590**  
[13] A1

[51] **Int.Cl. 7A45C 11/04**  
[25] EN  
[54] **A PACKAGING CASE SET**  
[54] **EMBALLAGE**  
[72] CHIANG, HERMAN, TW  
[71] CHIANG, HERMAN, TW  
[22] 2000-07-26  
[43] 2001-06-06  
[30] CN (99255547.7) 1999-12-06

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Canadian Laid-Open Applications  
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[21] **2,315,615**  
[13] A1  
[51] **Int.Cl. 7G01R 31/02**  
[25] EN  
[54] **FAULT INDICATOR FOR THREE-PHASE SHEATHED CABLE**  
[54] **INDICATEUR DE PANNE POUR CABLE GAINE TRIPHASE**  
[72] SCHWEITZER, EDMUND O., JR., US  
[71] SCHWEITZER, EDMUND O., JR., US  
[22] 2000-07-27  
[43] 2001-06-09  
[30] US (09/456,707) 1999-12-09

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[21] **2,316,415**  
[13] A1  
[51] **Int.Cl. 7C22B 1/14**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DRYING IRON ORE PELLETS**  
[54] **METHODE ET APPAREIL POUR LE SECHAGE DE PASTILLES DE MINERAI DE FER**  
[72] CHAPMAN, DANIEL R., US  
[71] CHAPMAN, DANIEL R., US  
[22] 2000-08-18  
[43] 2001-06-06  
[30] US (09/455,384) 1999-12-06  
[30] US (09/613,490) 2000-07-11

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[21] **2,316,482**  
[13] A1  
[51] **Int.Cl. 7B60T 11/32 7F16K 17/04 7F16K 17/36**  
[25] EN  
[54] **IMPROVED BRAKE VELOCITY FUSE**  
[54] **FUSIBLE AMELIORE POUR REPOSE DE FREINAGE**  
[72] DUNBAR, SCOTT DAVID, US  
[72] VALENTIN, TIMOTHY LLOYD, US  
[71] VICKERS, INC., US  
[71] DEERE & COMPANY, US  
[22] 2000-08-15  
[43] 2001-06-06  
[30] US (09/454,992) 1999-12-06

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[21] **2,317,268**  
[13] A1  
[51] **Int.Cl. 7A61B 17/24 7A61C 17/00**  
[25] EN  
[54] **A FUR REMOVER**  
[54] **APPAREIL POUR ENLEVER LES POILS**  
[72] WANG, PO-JUNG, TW  
[71] WANG, PO-JUNG, TW  
[22] 2000-08-30  
[43] 2001-06-08  
[30] CN ( 99 255593.0) 1999-12-08

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[21] **2,317,883**  
[13] A1  
[51] **Int.Cl. 7H01J 5/60 7H01J 5/02**  
[25] EN  
[54] **LAMP WITH FORMED, CEMENTED CLIP TO SECURE BASE TO LAMP**  
[54] **LAMPE MUNIE D'UNE BASE FIXEE AVEC UNE PINCE FORMEE ET CIMENTEE**  
[72] TAGGART, HOWARD D., US  
[72] SWADEL, JOSEPH C., US  
[71] OSRAM SYLVANIA INC., US  
[22] 2000-09-08  
[43] 2001-06-08  
[30] US (09/456,755) 1999-12-08

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[21] **2,319,904**  
[13] A1  
[51] **Int.Cl. 7A43B 13/38**  
[25] EN  
[54] **GEL INSOLES WITH LOWER HEEL AND TOE RECESSES HAVING THIN SPRING WALLS**  
[54] **SEMELLES DE GEL AVEC OUVERTURES BASSES POUR LE TALON ET LES ORTEILLES, MUNIES DE MURS-TAMPONS MINCES**  
[72] CRANE, LAURA J., US  
[72] THOMPSON, DONALD B., US  
[71] AVENT, RICHARD T., US  
[71] SCHERING-PLOUGH HEALTHCARE PRODUCTS, INC., US  
[22] 2000-09-19  
[43] 2001-06-03  
[30] US (09/454,980) 1999-12-03

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[21] **2,319,998**  
[13] A1  
[51] **Int.Cl. 7D21H 11/20**  
[25] EN  
[54] **PAPER MADE FROM ALDEHYDE MODIFIED CELLULOSE PULP WITH SELECTED ADDITIVES**  
[54] **PAPIER FABRIQUE DE PULPE DE CELLULOSE MODIFIEE A L'ALDEHYDE AVEC DIVERS ADDITIFS**  
[72] CIMECIOGLU, A. LEVENT, US  
[72] ROSSI, ROBERT D., US  
[72] THOMAIDES, JOHN S., US  
[72] LUCZAK, KRAIG A., US  
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[22] 2000-09-18  
[43] 2001-06-03  
[30] US (09/454,400) 1999-12-03

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[21] **2,321,330**  
[13] A1  
[51] **Int.Cl. 7F04D 29/38**  
[25] EN  
[54] **BOWED COMPRESSOR AIRFOIL**  
[54] **AUBE CAMBREE DE COMPRESSEUR**  
[72] STEINMETZ, GREGORY T., US  
[72] WOOD, PETER J., US  
[72] MIELKE, MARK J., US  
[72] DECKER, JOHN J., US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-09-28  
[43] 2001-06-06  
[30] US (09/455,828) 1999-12-06

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[21] **2,322,344**  
[13] A1  
[51] **Int.Cl. 7A61K 49/08**  
[25] EN  
[54] **NON-COVALENT BIOCONJUGATES USEFUL FOR MAGNETIC RESONANCE IMAGING**  
[54] **BIOCONJUGUES NON COVALENTS UTILES DANS L'IMAGERIE PAR RESONANCE MAGNETIQUE**  
[72] BUGAJ, JOSEPH EDWARD, US  
[72] RAJAGOPALAN, RAGHAVAN, US  
[72] DORSHOW, RICHARD BRADLEY, US  
[72] ACHILEFU, SAMUEL, US  
[71] MALLINCKRODT INC., US  
[22] 2000-09-29  
[43] 2001-06-08  
[30] US (09/457,347) 1999-12-08

**Demandes canadiennes mises à la disponibilité du public**  
**3 juin 2001 - 9 juin 2001**

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[21] **2,322,970**  
[13] A1

[51] **Int.Cl. 7H01F 1/44 7B43L 1/00 7G09F 9/302**  
[25] EN  
[54] **COLORED MAGNETIC PARTICLES FOR MAGNETOPHORETIC DISPLAY AND METHOD FOR MANUFACTURING SAME**  
[54] **PARTICULES MAGNETIQUES COLOREES POUR AFFICHAGE MAGNETOPHORETIQUE, ET METHODE DE FABRICATION DESDITES PARTICULES**  
[72] KOYAMA, AKIHIRO, JP  
[71] TAKARA CO., LTD., JP  
[71] MARKTEC CORPORATION, JP  
[22] 2000-10-10  
[43] 2001-06-03  
[30] JP (11-345428) 1999-12-03

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[21] **2,323,035**  
[13] A1

[51] **Int.Cl. 7H01M 2/32 7H01M 8/02**  
[25] EN  
[54] **CORROSION RESISTANT PEM FUEL CELL**  
[54] **PILE A COMBUSTIBLE A MEMBRANE POLYMERE-ELECTROLYTE (PEM) RESISTANT A LA CORROSION**  
[72] FRONK, MATTHEW HOWARD, US  
[72] BORUP, RODNEY LYNN, US  
[72] HULETT, JAY S., US  
[72] CUNNINGHAM, KEVIN M., US  
[72] BRADY, BRIAN K., US  
[71] GENERAL MOTORS CORPORATION, US  
[22] 2000-10-11  
[43] 2001-06-07  
[30] US (09/456,478) 1999-12-07

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[21] **2,323,373**  
[13] A1

[51] **Int.Cl. 7H04L 12/46 7H04L 12/12**  
[25] EN  
[54] **MESSAGING BETWEEN TERMINALS IN DIFFERENT COMMUNITIES**  
[54] **MESSAGERIE ENTRE TERMINAUX DE DIFFERENTES COLLECTIVITES**  
[72] NAGARAJ, ALWARKURICHI, CA  
[72] STEVENS, JOHN R., US  
[72] KAPIL, VIVEK, US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 2000-10-16  
[43] 2001-06-03  
[30] US (09/454,689) 1999-12-03

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[21] **2,323,471**  
[13] A1

[51] **Int.Cl. 7B65F 3/02**  
[25] EN  
[54] **FRONT END LOADER ADAPTER**  
[54] **ADAPTATEUR POUR BENNE A CHARGEMENT FRONTAL**  
[72] WILLIAMS, RICHARD T., US  
[72] COLLINS, VIRGIL L., US  
[72] KANN, DIRK C., US  
[71] KANN MANUFACTURING CORPORATION, US  
[22] 2000-10-17  
[43] 2001-06-07  
[30] US (09/455,684) 1999-12-07

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[21] **2,323,538**  
[13] A1

[51] **Int.Cl. 7H04M 3/533**  
[25] EN  
[54] **SYSTEM AND METHOD FOR GISTING, BROWSING AND SEARCHING VOICEMAIL USING AUTOMATIC SPEECH RECOGNITION**  
[54] **SYSTEME ET METHODE POUR REPERER, PARCOURIR ET CHERCHER DES MESSAGES TELEPHONIQUES EN UTILISANT LA RECONNAISSANCE VOCALE AUTOMATIQUE**  
[72] WHITTAKER, STEPHEN, US  
[72] HIRSCHBERG, JULIA, US  
[71] AT&T CORP., US  
[22] 2000-10-18  
[43] 2001-06-08  
[30] US (09/457,189) 1999-12-08

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[21] **2,323,738**  
[13] A1

[51] **Int.Cl. 7C08L 83/05 7C09J 183/05**  
[25] EN  
[54] **SELF-ADHESIVE ADDITON-CROSSLINKING SILICONE COMPOSITIONS**  
[54] **COMPOSITIONS DE SILICONE D'ADDITION ET DE RETICULATION AUTO- COLLANTES**  
[72] MULLER, PHILIPP, DE  
[72] ACHENBACH, FRANK, DE  
[72] EBERL, GEORG, DE  
[71] WACKER-CHEMIE GMBH, DE  
[22] 2000-10-18  
[43] 2001-06-09  
[30] DE (199 59 412.0) 1999-12-09

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[21] **2,323,837**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04N 7/16**  
[25] EN  
[54] **TECHNIQUE FOR PROVIDING TARGETED ADVERTISING**  
[54] **TECHNIQUE POUR OFFRIR DE LA PUBLICITE CIBLEE**  
[72] GILBOY, CHRISTOPHER P., US  
[72] LEVY, ROBERT BERGMAN, US  
[71] AT&T CORP., US  
[22] 2000-10-19  
[43] 2001-06-09  
[30] US (09/457,779) 1999-12-09

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[21] **2,323,838**  
[13] A1

[51] **Int.Cl. 7H04N 7/173**  
[25] EN  
[54] **SYSTEM AND METHOD FOR USER NOTIFICATION AND COMMUNICATIONS IN A CABLE NETWORK**  
[54] **SYSTEME ET METHODE POUR AVISER LES UTILISATEURS ET COMMUNIQUER DANS UN RESEAU DE CABLES**  
[72] MULLER, URS A., US  
[71] AT&T CORP., US  
[22] 2000-10-19  
[43] 2001-06-08  
[30] US (09/457,187) 1999-12-08

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[21] **2,323,847**  
[13] A1  
[51] **Int.Cl. 7E01B 7/22**  
[25] EN  
[54] **HOLLOW TIE SWITCH ASSEMBLY**  
[54] **DISPOSITIF D'AIGUILLAGE D'UNE TRAVERSE CREUSE**  
[72] CLICK, GARY, US  
[72] FORSHAW, AL, CA  
[72] CHARLES, BRIAN, CA  
[71] O'BRIEN, CORY, CA  
[71] VAE NORTRAK NORTH AMERICA, INC., US  
[22] 2000-10-20  
[43] 2001-06-09  
[30] US (09/458,194) 1999-12-09

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[21] **2,324,559**  
[13] A1  
[51] **Int.Cl. 7D21H 27/20**  
[25] EN  
[54] **BASE SHEET FOR WALLCOVERINGS**  
[54] **FEUILLE DE BASE POUR REVETEMENTS MURAUX**  
[72] FREEBURN, HAROLD, CA  
[71] DOMTAR INC., CA  
[22] 2000-10-26  
[43] 2001-06-06  
[30] US (09/455,880) 1999-12-06

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[21] **2,325,106**  
[13] A1  
[51] **Int.Cl. 7A61K 9/06 7A61K 31/137 7A61K 31/455 7A61K 31/522 7A61K 31/56**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR INTRANASAL DELIVERY OF ACTIVE AGENTS TO THE BRAIN**  
[54] **COMPOSITIONS ET METHODES PERMETTANT DE LIBERER DES AGENTS ACTIFS DANS LE CERVEAU**  
[72] GORE, STANLEY L., CA  
[71] GORE, STANLEY L., CA  
[22] 2000-11-03  
[43] 2001-06-06  
[30] US (60/168,762) 1999-12-06  
[30] US (09/703,667) 2000-11-02

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[21] **2,325,139**  
[13] A1  
[51] **Int.Cl. 7G01M 17/02 7G06F 19/00 7G01P 15/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MONITORING VEHICLE CONDITIONS AFFECTING TIRES**  
[54] **SYSTEME ET METHODE DE CONTROLE DES CONDITIONS DES VEHICULES AYANT DES REPERCUSSIONS SUR LES PNEUS**  
[72] EBERHARD, CAROL A., US  
[72] MCIVER, GEORGE W., US  
[72] MAGIAWALA, KIRAN R., US  
[72] DUNBRIDGE, BARRY, US  
[72] ZIMMERMAN, THOMAS A., US  
[71] TRW INC., US  
[22] 2000-11-06  
[43] 2001-06-03  
[30] US (09/454,443) 1999-12-03

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[21] **2,325,169**  
[13] A1  
[51] **Int.Cl. 7C07K 19/00 7C07K 14/655**  
[25] EN  
[54] **SOMATOSTATINS AND METHOD**  
[54] **SOMATOSTATINES ET METHODE CONNEXE**  
[72] SHERIDAN, MARK A., US  
[72] MOORE, CRAIG A., US  
[72] KITTELSON, JEFFREY D., US  
[71] NDSU RESEARCH FOUNDATION, US  
[22] 2000-12-01  
[43] 2001-06-03  
[30] US (60/168,934) 1999-12-03

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[21] **2,325,195**  
[13] A1  
[51] **Int.Cl. 7A61N 1/30**  
[25] EN  
[54] **CONNECTION SYSTEM INCLUDING A TETHER FOR AN IONOPHORETIC DRUG DELIVERY DEVICE**  
[54] **MECANISME DE CONNEXION COMPRENANT UN CABLE D'ATTACHE POUR UN DISPOSITIF DE RELARGAGE DE MEDICAMENTS IONOPHORETIQUES**  
[72] BECK, JON E., US  
[71] IOMED, INC., US  
[22] 2000-11-07  
[43] 2001-06-09  
[30] US (09/458,239) 1999-12-09  
[30] US (09/557,112) 2000-04-24

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[21] **2,325,197**  
[13] A1  
[51] **Int.Cl. 7A01N 25/02 7A01N 53/02 7A01N 25/12 7A01N 25/34**  
[25] EN  
[54] **CONTROL AGENT DELIVERY DEVICE**  
[54] **DISPOSITIF DE DISTRIBUTION D'AGENTS DE NEUTRALISATION**  
[72] PEARCE, ROBERT CLARENCE III, US  
[72] KIPLINGER, DALE VILMER, US  
[72] ASHCRAFT, RICHARD HENRY, US  
[71] NCH CORPORATION, US  
[22] 2000-11-07  
[43] 2001-06-09  
[30] US (09/457,899) 1999-12-09

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[21] **2,325,232**  
[13] A1  
[51] **Int.Cl. 7G08C 19/00 7H04N 3/15**  
[25] EN  
[54] **AN ELECTRICAL SENSING APPARATUS AND METHOD UTILIZING AN ARRAY OF TRANSDUCER ELEMENTS**  
[54] **APPAREIL DE DETECTION ELECTRIQUE ET METHODE D'UTILISATION D'UN RESEAU D'ELEMENTS TRANSDUCTEURS**  
[72] SCOTT-THOMAS, JOHN, CA  
[72] CHAMBERLAIN, GEORGE, CA  
[72] HUA, PAUL, CA  
[71] SEMICONDUCTOR INSIGHTS INC., CA  
[22] 2000-11-07  
[43] 2001-06-07  
[30] CA (09/456,206) 1999-12-07

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[21] **2,325,243**  
[13] A1  
[51] **Int.Cl. 7C07C 39/06 7C07C 37/14**  
[25] EN  
[54] **PROCESS FOR PRODUCING ALKYLATED HYDROXYL-CONTAINING AROMATIC COMPOUNDS**  
[54] **PROCESSUS DE PRODUCTION DE COMPOSES AROMATIQUES HYDROXYLES ALKYLE**  
[72] LE COENT, JEAN LOUIS, FR  
[72] CAMPBELL, CURTIS B., US  
[71] CHEVRON ORONITE COMPANY LLC, US  
[71] CHEVRON ORONITE S.A., FR  
[22] 2000-11-07  
[43] 2001-06-03  
[30] US (09/454,785) 1999-12-03

**Demandes canadiennes mises à la disponibilité du public**  
**3 juin 2001 - 9 juin 2001**

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[21] **2,325,253**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7G01N 33/53**  
[25] EN  
[54] **HIGH-THROUGHPUT SCREENING OF COMPOUNDS USING ELECTROSPRAY IONIZATION MASS SPECTROSCOPY**  
[54] **TRIAGE A DEBIT ELEVE DE COMPOSES A L'AIDE DE LA SPECTROSCOPIE DE MASSE A IONISATION PAR ELECTROVAPORISATION**  
[72] GREIG, MICHAEL JAMES, US  
[72] ROBINSON, JESSICA MARIE, US  
[71] AGOURON PHARMACEUTICALS, INC., US  
[22] 2000-11-06  
[43] 2001-06-08  
[30] US (60/169,552) 1999-12-08  
[30] US (09/521,106) 2000-03-07

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[21] **2,325,254**  
[13] A1

[51] **Int.Cl. 7H04L 12/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CREATING REAL-TIME LATENCY GRAPHS**  
[54] **METHODE ET APPAREIL POUR CREER UNE LATENCE EN TEMPS REEL**  
[72] DMITROCA, ROBERT W., CA  
[71] AGILENT TECHNOLOGIES, INC., US  
[22] 2000-11-07  
[43] 2001-06-08  
[30] US (09/456,603) 1999-12-08

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[21] **2,325,256**  
[13] A1

[51] **Int.Cl. 7D06F 39/08**  
[25] EN  
[54] **ADJUSTABLE LIQUID TEMPERATURE CONTROL SYSTEM FOR A WASHING MACHINE**  
[54] **SYSTEME DE CONTROLE REGLABLE DE LA TEMPERATURE D'UN LIQUIDE DANS UNE LAVEUSE**  
[72] CORBETT, MITCHELL N., US  
[71] MAYTAG CORPORATION, US  
[22] 2000-11-08  
[43] 2001-06-08  
[30] US (09/456,527) 1999-12-08

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[21] **2,325,264**  
[13] A1

[51] **Int.Cl. 7H04N 1/409 7G06F 3/12 7G06T 5/30**  
[25] EN  
[54] **METHOD OF SELECTIVE EDGE SOFTENING AND RENDERING FOR THE SUPPRESSION OF HALO**  
[54] **METHODE D'ADOUCCISSEMENT ET DE RENDU SELECTIFS DES BORDS POUR LA SUPPRESSION DES HALOS**  
[72] CUCIUREAN-ZAPAN, CLARA, US  
[72] LOCE, ROBERT P., US  
[71] XEROX CORPORATION, US  
[22] 2000-11-08  
[43] 2001-06-06  
[30] US (09/455,343) 1999-12-06

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[21] **2,325,267**  
[13] A1

[51] **Int.Cl. 7H02P 1/44 7H02K 11/00 7H02K 17/30**  
[25] EN  
[54] **SINGLE PHASE INDUCTION MOTOR WITH BI-DIRECTIONAL SWITCHING AND OVERLOAD PROTECTION**  
[54] **MOTEUR A INDUCTION MONOPHASE A COMMUTATION BIDIRECTIONNELLE ET A PROTECTION CONTRE LES SURCHARGES**  
[72] DIFLORA, MICHAEL A., US  
[72] PACZUSKI, ANDREW W., US  
[71] TECUMSEH PRODUCTS COMPANY, US  
[22] 2000-11-08  
[43] 2001-06-07  
[30] US (60/169,386) 1999-12-07

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[21] **2,325,593**  
[13] A1

[51] **Int.Cl. 7C12N 15/10 7C12P 13/04 7C12P 13/08 7C12N 1/20 7C12N 15/63 7C12N 15/70**  
[25] EN  
[54] **PROCESS FOR THE FERMENTATIVE PREPARATION OF L-AMINO ACIDS USING CORYNEFORM BACTERIA**  
[54] **PROCESSUS DE PREPARATION FERMENTATIVE DE L-AMINOACIDES AU MOYEN DE CORYNEBACTERIES**  
[72] EGGELING, LOTHAR, DE  
[72] ZIEGLER, PETRA, DE  
[72] SAHM, HERMANN, DE  
[72] PFEFFERLE, WALTER, DE  
[72] THIERBACH, GEORG, DE  
[71] FORSCHUNGSZENTRUM JULICH GMBH, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 2000-12-06  
[43] 2001-06-09  
[30] DE (199 59 329.9) 1999-12-09

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[21] **2,325,618**  
[13] A1

[51] **Int.Cl. 7A47C 23/00 7A47C 27/04**  
[25] EN  
[54] **UPHOLSTERY PAD WITH STEEL REINFORCED SUPPORT**  
[54] **MATELAS DE REMBOURRAGE AVEC SUPPORT DE FIBRES D'ACIER**  
[72] SABALASKEY, ROBERT J., US  
[72] LILLY, EDWARD F., US  
[71] SERTA, INC., US  
[22] 2000-11-10  
[43] 2001-06-03  
[30] US (09/454,397) 1999-12-03

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[21] **2,325,673**  
[13] A1

[51] **Int.Cl. 7H04Q 7/32**  
[25] EN  
[54] **LIGHT EMITTING DISPLAY ON A PORTABLE COMMUNICATION DEVICE FOR INCOMING PHONE CALLS**  
[54] **AFFICHAGE ELECTROLUMINESCENT DE DISPOSITIF DE COMMUNICATION PORTATIF SERVANT A INDIQUER L'ARRIVEE D'APPELS TELEPHONIQUES**  
[72] CHONG, SZE-HUEN, SG  
[71] CHONG, SZE-HUEN, SG  
[22] 2000-11-10  
[43] 2001-06-06  
[30] CN (99 2 40943.8) 1999-12-06

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[21] 2,325,678  
[13] A1

[51] **Int.Cl. 7A61K 7/09**  
[25] EN  
[54] **LOW ODOR PERMANENT WAVING COMPOSITIONS CONTAINING A DISULFIDE**  
[54] **COMPOSITIONS DE PERMANENTE A FAIBLE ODEUR CONTENANT UN DISULFURE**  
[72] COOPE, JANET LYNN, US  
[72] NARDONE, RENEE E., US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[22] 2000-11-10  
[43] 2001-06-06  
[30] US (09/455,232) 1999-12-06

[21] 2,325,766  
[13] A1

[51] **Int.Cl. 7C12N 15/31 7C12P 13/04 7C12P 13/08 7C12N 15/09 7C12N 1/21 7C12N 15/79**  
[25] EN  
[54] **NOVEL NUCLEOTIDE SEQUENCES CODING FOR THE ZWA2 GENE**  
[54] **NOUVEAU CODAGE DES SEQUENCES NUCLEOTIDIQUES DU GENE ZWA2**  
[72] KALINOWSKI, JORN, DE  
[72] MARX, ACHIM, DE  
[72] PUHLER, ALFRED, DE  
[72] BATHE, BRIGITTE, DE  
[72] DUSCH, NICOLE, DE  
[72] MOCKEL, BETTINA, DE  
[72] PFEFFERLE, WALTER, DE  
[72] WEISSENBORN, ANKE, DE  
[71] DEGUSSA-HULS AKTIENGESELLSCHAFT, DE  
[22] 2000-12-06  
[43] 2001-06-09  
[30] DE (199 59 327.2) 1999-12-09

[21] 2,325,806  
[13] A1

[51] **Int.Cl. 7C12Q 1/68 7G01N 33/574**  
[25] EN  
[54] **METHODS FOR THE DIAGNOSIS AND PROGNOSIS OF ACUTE LEUKEMIAS**  
[54] **METHODES DE DIAGNOSTIQUE ET DE PRONOSTIC DE LEUCEMIES AIGUES**  
[72] WILLIS, EDWARD S., CA  
[72] STEEG, EVAN W., CA  
[72] MISENER, STEPHEN R., CA  
[72] ANDERSON, GARY E., CA  
[72] LEPAGE, MARC A., CA  
[72] DUNNE, RODERICK J., CA  
[71] MOLECULAR MINING CORPORATION, CA  
[22] 2000-12-01  
[43] 2001-06-03  
[30] US (60/168,625) 1999-12-03

[21] 2,325,816  
[13] A1

[51] **Int.Cl. 7B60Q 1/068**  
[25] EN  
[54] **HEADLAMP ADJUSTER WITH OVERLOAD CLUTCH MECHANISM**  
[54] **REGLEUR DE PROJECTEURS AVEC MECANISME DE LIMITEUR DE COUPLE EN CAS DE SURCHARGE**  
[72] DENLEY, RONALD S., US  
[71] ELCO TEXTRON INC., US  
[22] 2000-11-14  
[43] 2001-06-03  
[30] US (60/168,865) 1999-12-03

[21] 2,325,969  
[13] A1

[51] **Int.Cl. 7E04C 5/18**  
[25] EN  
[54] **CONNECTOR FOR SELF COUPLING STEEL BARS**  
[54] **RACCORD POUR BARRES D'ACIER A AUTOCOUPAGE**  
[72] PLOOKSAWASDI, SUNTISUK, TH  
[71] PLOOKSAWASDI, SUNTISUK, TH  
[22] 2000-11-15  
[43] 2001-06-08  
[30] TH (054425) 1999-12-08

[21] 2,325,970  
[13] A1

[51] **Int.Cl. 7B30B 15/00 7G01R 11/00**  
[25] EN  
[54] **ENERGY METER FOR A MECHANICAL PRESS**  
[54] **COMPTEUR D'ENERGIE POUR UNE PRESSE MECANIQUE**  
[72] SCHMITZ, DAVE, US  
[71] THE MINSTER MACHINE COMPANY, US  
[22] 2000-11-14  
[43] 2001-06-08  
[30] US (09/456,904) 1999-12-08

[21] 2,326,024  
[13] A1

[51] **Int.Cl. 7B23K 9/067 7H01M 8/00**  
[25] EN  
[54] **FUEL CELL OPERATED WELDER**  
[54] **SOUDEUSE FONCTIONNANT AVEC UNE PILE A COMBUSTIBLE**  
[72] BLANKENSHIP, GEORGE D., US  
[71] LINCOLN GLOBAL, INC., US  
[22] 2000-11-16  
[43] 2001-06-08  
[30] US (09/457,156) 1999-12-08

[21] 2,326,250  
[13] A1

[51] **Int.Cl. 7B43L 19/00**  
[25] EN  
[54] **COAT FILM TRANSFER HEAD DEVICE AND COAT FILM TRANSFER TOOL**  
[54] **TETE ET OUTIL DE TRANSFERT DE COUCHE DE VERNIS**  
[72] TAMAI, SHIGERU, JP  
[72] SHINTANI, MASATOSHI, JP  
[72] KOYAMA, KOUHEI, JP  
[71] SEED RUBBER COMPANY LIMITED, JP  
[22] 2000-11-16  
[43] 2001-06-08  
[30] JP (11-348757) 1999-12-08

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**3 juin 2001 - 9 juin 2001**

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[21] **2,326,266**  
[13] A1

[51] **Int.Cl. 7G06F 12/14 7H04L 9/32**  
[25] EN  
[54] **DEVICE SECURITY MECHANISM BASED ON REGISTERED PASSWORDS**  
[54] **MECANISME DE SECURITE A DISPOSITIF UTILISANT DES MOTS DE PASSE ENREGISTRES**  
[72] THOMPSON, JOHN S., US  
[72] THOMPSON, MELINDA M., US  
[71] AVAYA TECHNOLOGY CORP., US  
[22] 2000-11-17  
[43] 2001-06-06  
[30] US (09/454,625) 1999-12-06

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[21] **2,326,277**  
[13] A1

[51] **Int.Cl. 7F24C 15/02 7F24C 15/00**  
[25] EN  
[54] **LATCH FOR OVEN**  
[54] **LOQUET POUR FOUR**  
[72] SHIMIZU, MIKIO, JP  
[71] WORLD KOGYO CO., LTD., JP  
[22] 2000-11-20  
[43] 2001-06-07  
[30] US (09/456,147) 1999-12-07

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[21] **2,326,292**  
[13] A1

[51] **Int.Cl. 7G04G 7/02 7G01S 5/14**  
[25] EN  
[54] **METHOD OF TIMING CALIBRATION**  
[54] **METHODE DE CALIBRATION DE LA SYNCHRONISATION**  
[72] CHEN, BYRON HUA, US  
[72] BARROSO, CHRISTOPHER BURKE, US  
[72] VANNUCCI, GIOVANNI, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-11-20  
[43] 2001-06-03  
[30] US (09/454,883) 1999-12-03

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[21] **2,326,302**  
[13] A1

[51] **Int.Cl. 7A23L 1/06**  
[25] EN  
[54] **HYDROCOLLOID CONFECTIONERY PRODUCT**  
[54] **CONFISERIE HYDROCOLLOIDE**  
[72] SCHMICK, FRANK, GB  
[72] RETTKOWSKI, MEIKE, GB  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 2000-11-17  
[43] 2001-06-03  
[30] GB (9928688.2) 1999-12-03

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[21] **2,326,423**  
[13] A1

[51] **Int.Cl. 7F02C 7/18**  
[25] EN  
[54] **COMBUSTOR REAR FACING STEP HOT SIDE CONTOUR METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL DE FABRICATION DU CONTOUR DU COTE CHAUD D'UNE CHAMBRE DE COMBUSTION AVEC MARCHE ORIENTEE VERS L'ARRIERE**  
[72] COOPER, JAMES NEIL, US  
[72] JIH, JUNHAUR, US  
[72] HAGLE, MICHAEL P., US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-11-23  
[43] 2001-06-03  
[30] US (09/454,708) 1999-12-03

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[21] **2,326,424**  
[13] A1

[51] **Int.Cl. 7F04D 29/38**  
[25] EN  
[54] **DOUBLE BOWED COMPRESSOR AIRFOIL**  
[54] **AUBE DE COMPRESSEUR A DOUBLE COURBURE**  
[72] DICKMAN, ROBERT B., US  
[72] KRABACHER, KENNETH W., US  
[72] STEINMETZ, GREGORY T., US  
[72] DOLORESCO, BRYAN K., US  
[72] BEACHER, BRENT F., US  
[72] LIU, HSIN-TUAN, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-11-23  
[43] 2001-06-06  
[30] US (09/455,826) 1999-12-06

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[21] **2,326,425**  
[13] A1

[51] **Int.Cl. 7F01D 9/00**  
[25] EN  
[54] **GAS TURBINE OR JET ENGINE STATOR VANE FRAME**  
[54] **ARMATURE D'AUBE DE STATOR POUR TURBINE A GAZ OU TURBOREACTEUR**  
[72] MANTEIGA, JOHN A., US  
[72] NUSSBAUM, JEFFREY H., US  
[72] NOON, JOHN L., US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-11-23  
[43] 2001-06-07  
[30] US (09/456,967) 1999-12-07

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[21] **2,326,457**  
[13] A1

[51] **Int.Cl. 7E06B 9/266**  
[25] EN  
[54] **MOUNTING DEVICE FOR WINDOW COVERING STRUCTURE**  
[54] **DISPOSITIF DE FIXATION D'UN COUVRE-FENETRE**  
[72] PITRE, DANIEL, CA  
[71] PITRE, DANIEL, CA  
[22] 2000-12-01  
[43] 2001-06-03  
[30] GB (9928469.7) 1999-12-03

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[21] **2,326,474**  
[13] A1

[51] **Int.Cl. 7B65D 81/32**  
[25] EN  
[54] **MEAL KIT WITH IMPROVED GRAPHICS DISPLAY**  
[54] **TROUSSE POUR REPAS AVEC AFFICHAGE GRAPHIQUE AMELIORE**  
[72] HACHENSKI, SHELLEY, US  
[71] KRAFT FOODS, INC., US  
[22] 2000-11-22  
[43] 2001-06-03  
[30] US (09/454,111) 1999-12-03

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[21] **2,326,479**  
[13] A1  
[51] **Int.Cl. 7B65D 81/32**  
[25] EN  
[54] **MEAL KIT WITH EASY-OPEN FEATURE**  
[54] **TROUSSE POUR REPAS QUI S'OUVRE FACILEMENT**  
[72] TELLOCK, JEFFREY J., US  
[72] HACHENSKI, SHELLEY, US  
[71] KRAFT FOODS, INC., US  
[22] 2000-11-22  
[43] 2001-06-03  
[30] US (09/454,116) 1999-12-03

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[21] **2,326,495**  
[13] A1  
[51] **Int.Cl. 7H04R 5/04 7H04S 1/00**  
[25] EN  
[54] **TECHNIQUE FOR PARAMETRIC CODING OF A SIGNAL CONTAINING INFORMATION**  
[54] **TECHNIQUE DE CODAGE PARAMETRIQUE D'UN SIGNAL CONTENANT DE L'INFORMATION**  
[72] SINHA, DEEPEEN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-11-22  
[43] 2001-06-03  
[30] US (09/454,026) 1999-12-03

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[21] **2,326,607**  
[13] A1  
[51] **Int.Cl. 7H04Q 3/64 7H04M 3/42**  
[25] EN  
[54] **SYSTEM FOR AUTOMATICALLY ROUTING CALLS TO CALL CENTER AGENTS IN AN AGENT SURPLUS CONDITION BASED ON SERVICE LEVELS**  
[54] **SYSTEME D'ACHEMINEMENT AUTOMATIQUE D'APPELS A DES AGENTS DE CENTRE D'APPEL DANS DES CONDITIONS DE SURPLUS D'AGENTS ET SELON DES NIVEAUX DE SERVICE**  
[72] JENSEN, ROY A., US  
[72] REIMAN, MARTIN I., US  
[72] FISHER, THOMAS S., US  
[71] AVAYA TECHNOLOGY CORP., US  
[22] 2000-11-23  
[43] 2001-06-06  
[30] US (09/454,508) 1999-12-06

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[21] **2,326,609**  
[13] A1  
[51] **Int.Cl. 7H04Q 3/64 7H04M 3/42**  
[25] EN  
[54] **SYSTEM FOR AUTOMATICALLY ROUTING CALLS TO CALL CENTER AGENTS IN AN AGENT SURPLUS CONDITION BASED ON DELAY PROBABILITIES**  
[54] **SYSTEME D'ACHEMINEMENT AUTOMATIQUE D'APPELS A DES AGENTS DE CENTRE D'APPEL DANS DES CONDITIONS DE SURPLUS D'AGENTS ET SELON DES PROBABILITES DE RETARD**  
[72] FISHER, THOMAS S., US  
[72] JENSEN, ROY A., US  
[72] REIMAN, MARTIN I., US  
[71] AVAYA TECHNOLOGY CORP., US  
[22] 2000-11-23  
[43] 2001-06-06  
[30] US (09/456,092) 1999-12-06

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[21] **2,326,613**  
[13] A1  
[51] **Int.Cl. 7H04Q 3/64 7H04M 3/42**  
[25] EN  
[54] **SYSTEM FOR AUTOMATICALLY PREDICTING CALL CENTER AGENT WORK TIME IN A MULTI-SKILLED AGENT ENVIRONMENT**  
[54] **SYSTEME DE PREVISION AUTOMATIQUE DU TEMPS DE TRAVAIL DES AGENTS DE CENTRE D'APPEL DANS UN ENVIRONNEMENT CARACTERISE PAR DES AGENTS A APTITUDES MULTIPLES**  
[72] REIMAN, MARTIN I., US  
[72] FISHER, THOMAS S., US  
[72] JENSEN, ROY A., US  
[71] AVAYA TECHNOLOGY CORP., US  
[22] 2000-11-23  
[43] 2001-06-06  
[30] US (09/456,044) 1999-12-06

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[21] **2,326,616**  
[13] A1  
[51] **Int.Cl. 7H04M 3/56**  
[25] EN  
[54] **APPARATUS, METHOD AND SYSTEM FOR PROVIDING TELECOMMUNICATION CONFERENCING SERVICES IN A MULTIPLE LEG TELECOMMUNICATION SESSION**  
[54] **APPAREIL, METHODE ET SYSTEME PERMETTANT D'ASSURER DES SERVICES DE CONFERENCE PAR TELECOMMUNICATIONS DANS UNE SESSION DE TELECOMMUNICATIONS A SECTIONS MULTIPLES**  
[72] BELLOMO, GIACOMO, US  
[72] BAIYOR, ROBERT JOHN, US  
[72] STROM, THOMAS DALE, US  
[72] SMITH, HAROLD ROBERT JR., US  
[72] EARL, DEBORAH THOMAS, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-11-23  
[43] 2001-06-07  
[30] US (09/455,623) 1999-12-07

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[21] **2,326,617**  
[13] A1  
[51] **Int.Cl. 7H04M 1/738**  
[25] EN  
[54] **IMPROVED INTERFACE BETWEEN CHANNEL UNITS OF MULTIPLE LOCAL EXCHANGE CARRIERS**  
[54] **INTERFACE AMELIOREE ENTRE ELEMENTS DE VOIES DE DIVERS EXPLOITANTS DE CENTRAUX URBAINS**  
[72] BROWN, RONALD ROBERT, US  
[72] ADAMS, ROBERT L., III, US  
[72] RICE, DAVID REAGAN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-11-23  
[43] 2001-06-03  
[30] US (09/454,930) 1999-12-03

**Demandes canadiennes mises à la disponibilité du public**  
**3 juin 2001 - 9 juin 2001**

[21] **2,326,652**  
[13] A1

[51] **Int.Cl. 7C08G 18/76 7C08G 18/48**  
[25] EN  
[54] **HIGH MOLECULAR WEIGHT LIQUID, NON-FUNCTIONAL POLYETHER POLYURETHANE PLASTICIZERS**  
[54] **PLASTIFIANTS POLYETHERS-POLYURETHANES NON FONCTIONNELS CONTENANT UN LIQUIDE A HAUTE DENSITE MOLECULAIRE**  
[72] PANTONE, RICHARD S., US  
[72] MARKUSCH, PETER H., US  
[71] BAYER CORPORATION, US  
[22] 2000-11-24  
[43] 2001-06-03  
[30] US (09/453,677) 1999-12-03

[21] **2,326,657**  
[13] A1

[51] **Int.Cl. 7C08G 18/76 7C08G 18/48**  
[25] EN  
[54] **DIURETHANE PLASTICIZER CONTAINING ONE-SHOT POLYURETHANE CAST ELASTOMERS**  
[54] **PLASTIFIANT DIURETHANE CONTENANT DES ELASTOMERES DE POLYURETHANE COULES EN UNE SEULE FOIS**  
[72] PANTONE, RICHARD S., US  
[72] MARKUSCH, PETER H., US  
[71] BAYER CORPORATION, US  
[22] 2000-11-24  
[43] 2001-06-03  
[30] US (09/453,678) 1999-12-03

[21] **2,326,667**  
[13] A1

[51] **Int.Cl. 7F03D 3/00**  
[25] FR  
[54] **EOLIENNE A AXE DE ROTATION VERTICAL**  
[54] **WIND TURBINE WITH VERTICAL ROTATION AXIS**  
[72] RUFFIEUX, LEON, CH  
[71] RUFFIEUX, LEON, CH  
[22] 2000-11-23  
[43] 2001-06-06  
[30] FR (99 15313) 1999-12-06

[21] **2,326,713**  
[13] A1

[51] **Int.Cl. 7G01N 33/577 7G01N 33/53**  
[25] FR  
[54] **UTILISATION D'UN ANTICORPS SPECIFIQUE DES FIBROBLASTES PAPILLAIRES COMME MARQUEUR DE QUALITE D'UNE PEAU**  
[54] **USE OF A PAPILLARY FIBROBLAST-SPECIFIC PARATOPE AS A SKIN QUALITY MARKER**  
[72] ASSELINEAU, DANIEL, FR  
[72] CAPLAN, ARNOLD, US  
[71] L'OREAL, FR  
[22] 2000-11-29  
[43] 2001-06-03  
[30] FR (99 15 292) 1999-12-03

[21] **2,326,793**  
[13] A1

[51] **Int.Cl. 7B62D 53/08 7G01L 5/16**  
[25] EN  
[54] **FORCE-SENSING FIFTH WHEEL**  
[54] **PIVOT D'ATTELAGE A DETECTION D'EFFORTS**  
[72] HUNGERINK, GERALD W., US  
[72] MILNER, PETER J., GB  
[72] GISINGER, JACK L., US  
[71] HOLLAND HITCH COMPANY, US  
[22] 2000-11-24  
[43] 2001-06-09  
[30] US (09/457,900) 1999-12-09

[21] **2,326,798**  
[13] A1

[51] **Int.Cl. 7H01F 38/28 7H01H 83/00**  
[25] EN  
[54] **CURRENT TRANSFORMER AND METHOD FOR CORRECTING ASYMMETRIES THEREIN**  
[54] **TRANSFORMATEUR DE COURANT ET METHODE DE CORRECTION DES ASYMETRIES DE CE TRANSFORMATEUR**  
[72] BAERTSCH, RICHARD D., US  
[72] TIEMANN, JEROME J., US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-11-23  
[43] 2001-06-06  
[30] US (09/455,426) 1999-12-06

[21] **2,326,836**  
[13] A1

[51] **Int.Cl. 7C03B 7/08**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DELIVERING A CASED GLASS STREAM**  
[54] **APPAREIL ET METHODE DE FORMATION D'UN FILET DE VERRE DOUBLE**  
[72] DEMBICKI, MICHAEL T., US  
[72] SCOTT, GARRETT L., US  
[72] FICK, KEVIN N., US  
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US  
[22] 2000-11-24  
[43] 2001-06-06  
[30] US (09/455,270) 1999-12-06

[21] **2,326,857**  
[13] A1

[51] **Int.Cl. 7H04Q 3/64**  
[25] EN  
[54] **SYSTEM FOR AUTOMATICALLY ROUTING CALLS TO CALL CENTER AGENTS IN AN AGENT SURPLUS CONDITION BASED ON AGENT OCCUPANCY**  
[54] **SYSTEME D'ACHEMINEMENT AUTOMATIQUE D'APPELS A DES AGENTS DE CENTRE D'APPEL DANS DES CONDITIONS DE SURPLUS D'AGENTS ET SELON L'OCCUPATION DES AGENTS**  
[72] REIMAN, MARTIN I., US  
[72] JENSEN, ROY A., US  
[72] FISHER, THOMAS S., US  
[71] AVAYA TECHNOLOGY CORP., US  
[22] 2000-11-22  
[43] 2001-06-06  
[30] US (09/454,496) 1999-12-06

[21] **2,326,863**  
[13] A1

[51] **Int.Cl. 7B65D 5/74**  
[25] EN  
[54] **RECLOSABLE PACKAGED FOOD CONTAINER**  
[54] **RECIPIENT D'ALIMENTS EMBALLES REUTILISABLE**  
[72] THIEMANN, DANIEL A., CA  
[72] ST. PIERRE, DANE T., CA  
[71] KRAFT CANADA INC., CA  
[22] 2000-11-22  
[43] 2001-06-03  
[30] US (09/454,961) 1999-12-03

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[21] **2,326,871**  
[13] A1  
[51] **Int.Cl. 7B60J 10/02**  
[25] EN  
[54] **WINDOW MOLDING**  
[54] **MOULURE DE FENETRE**  
[72] OGURA, KENICHI, JP  
[72] YOSHIDA, TOSHIYA, JP  
[72] KURIYAMA, TSUYOSHI, JP  
[72] MIKKAICHI, TOSHIKI, JP  
[71] HASHIMOTO FORMING INDUSTRY  
CO., LTD., JP  
[22] 2000-11-24  
[43] 2001-06-03  
[30] JP (11-345342) 1999-12-03

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[21] **2,326,875**  
[13] A1  
[51] **Int.Cl. 7H04L 29/02 7G06F 3/14**  
**7H04L 12/66**  
[25] EN  
[54] **APPARATUS AND METHOD FOR**  
**DYNAMICALLY LIMITING**  
**INFORMATION SENT TO A VIEWING**  
**DEVICE**  
[54] **APPAREIL ET METHODE DE**  
**LIMITATION DYNAMIQUE DE**  
**L'INFORMATION ENVOYEE A UN**  
**DISPOSITIF DE VISUALISATION**  
[72] LITTLE, HERB A., CA  
[72] MOUSSEAU, GARY, CA  
[72] YACH, DAVID, CA  
[71] RESEARCH IN MOTION LIMITED,  
CA  
[22] 2000-11-24  
[43] 2001-06-06  
[30] US (09/455,211) 1999-12-06

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[21] **2,326,883**  
[13] A1  
[51] **Int.Cl. 7B65H 16/06 7B65H 75/02**  
[25] EN  
[54] **HYDRAULIC WEB ROLL SHAFT**  
[54] **ARBRE HYDRAULIQUE DE**  
**ROULEAU DE BANDE**  
[72] MILLER, WILLIAM R., US  
[72] STOLYAR, SEMION, US  
[71] TIDLAND CORPORATION, US  
[22] 2000-11-24  
[43] 2001-06-07  
[30] US (09/457,059) 1999-12-07

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[21] **2,326,887**  
[13] A1  
[51] **Int.Cl. 7C08G 18/76 7C08G 18/42**  
**7C08G 18/48**  
[25] EN  
[54] **LIQUID, HYDROPHOBIC, NON-**  
**MIGRATING, NON-FUNCTIONAL**  
**POLYURETHANE PLASTICIZERS**  
[54] **PLASTIFIANTS DE**  
**POLYURETHANE LIQUIDES,**  
**HYDROPHOBES, STABLES ET NON**  
**FONCTIONNELS**  
[72] PANTONE, RICHARD S., US  
[72] MARKUSCH, PETER H., US  
[71] BAYER CORPORATION, US  
[22] 2000-11-24  
[43] 2001-06-03  
[30] US (09/453,970) 1999-12-03

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[21] **2,326,899**  
[13] A1  
[51] **Int.Cl. 7G02B 7/00 7G02B 27/00**  
[25] EN  
[54] **OPTICAL UNIT AND ITS USE**  
[54] **UNITE OPTIQUE ET SON**  
**UTILISATION**  
[72] HERREN, ANDREAS, CH  
[72] NEUBERT, JAKOB, CH  
[72] HAUPT, CHRISTOPH, CH  
[72] SANVIDO, SAVERIO, CH  
[72] RUGI, ELISABETTA, CH  
[71] CONTRAVES SPACE AG, CH  
[22] 2000-11-24  
[43] 2001-06-09  
[30] CH (1999 2269/99) 1999-12-09

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[21] **2,326,907**  
[13] A1  
[51] **Int.Cl. 7C08F 212/10 7C08F 12/06**  
**7C08F 112/06 7C08F 222/08 7C08F 220/42**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION**  
**OF VINYLAROMATIC POLYMERS,**  
**OPTIONALLY CONTAINING AN**  
**ETHYLENICALLY UNSATURATED**  
**NITRILE**  
[54] **PROCESSUS DE FABRICATION DE**  
**POLYMERES VINYLAROMATIQUES,**  
**CONTENANT DE FACON**  
**SATURATIVE UN NITRILE NON**  
**SATURE D'ETHYLENE**  
[72] LONGO, ALDO, IT  
[71] ENICHEM S.P.A., IT  
[22] 2000-11-21  
[43] 2001-06-03  
[30] IT (MI99A 002535) 1999-12-03

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[21] **2,326,923**  
[13] A1  
[51] **Int.Cl. 7G03B 15/05 7A61B 3/12**  
[25] EN  
[54] **SYNCHRONIZER FOR FUNDUS**  
**CAMERA**  
[54] **SYNCHRONISEUR POUR**  
**RETINOGRAPHE**  
[72] VAN HOUTEN, PETER A., US  
[71] VAN HOUTEN, PETER A., US  
[22] 2000-11-28  
[43] 2001-06-03  
[30] US (09/456,033) 1999-12-03

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[21] **2,326,934**  
[13] A1  
[51] **Int.Cl. 7H04B 7/02 7H04B 7/08**  
**7H04B 7/216**  
[25] EN  
[54] **CODE DIVISION MULTIPLE**  
**ACCESS SYSTEM AND METHOD OF**  
**OPERATION WITH IMPROVED**  
**SIGNAL ACQUISITION AND**  
**PROCESSING**  
[54] **SYSTEME D'ACCES MULTIPLE**  
**PAR REPARTITION DE CODE ET**  
**METHODE D'UTILISATION CONNEXE**  
**AVEC ACQUISITION ET TRAITEMENT**  
**AMELIORES DU SIGNAL**  
[72] BUEHRER, R. MICHAEL, US  
[72] LIU, SHANG-CHIEH, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-11-24  
[43] 2001-06-07  
[30] US (09/455,947) 1999-12-07

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[21] **2,326,937**  
[13] A1  
[51] **Int.Cl. 7C08G 18/76 7C08G 18/42**  
**7C08G 18/48**  
[25] EN  
[54] **LIQUID ULTRA-HIGH**  
**MOLECULAR WEIGHT**  
**POLYURETHANE PLASTICIZERS**  
[54] **PLASTIFIANTS DE**  
**POLYURETHANE LIQUIDES, DE**  
**MASSE MOLECULAIRE TRES ELEVEE**  
[72] PANTONE, RICHARD S., US  
[72] MARKUSCH, PETER H., US  
[71] BAYER CORPORATION, US  
[22] 2000-11-24  
[43] 2001-06-03  
[30] US (09/453,676) 1999-12-03

**Demandes canadiennes mises à la disponibilité du public**  
**3 juin 2001 - 9 juin 2001**

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[21] **2,326,953**  
[13] A1

[51] **Int.Cl. 7C07C 2/80 7F03B 13/00 7H02K 7/18**  
[25] EN  
[54] **CO-GENERATION OF ELECTRICITY AND HYDROCARBONS**  
[54] **COGENERATION D'ELECTRICITE ET D'HYDROCARBONES**  
[72] ELIASSON, BALDUR, CH  
[72] KOGELSCHATZ, ULRICH, CH  
[72] LIU, CHANG JUN, CN  
[71] ABB RESEARCH LTD., CH  
[22] 2000-11-28  
[43] 2001-06-09  
[30] CH (99811126.4) 1999-12-09

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[21] **2,326,960**  
[13] A1

[51] **Int.Cl. 7G02F 1/01 7G02B 6/16**  
[25] EN  
[54] **METHOD FOR PRODUCING A FIBEROPTIC WAVEGUIDE**  
[54] **METHODE DE PRODUCTION D'UN GUIDE D'ONDES A FIBRES OPTIQUES**  
[72] BOHNERT, KLAUS, CH  
[72] BRANDLE, HUBERT, CH  
[72] GABUS, PHILIPPE, CH  
[71] ABB RESEARCH LTD., CH  
[22] 2000-11-28  
[43] 2001-06-06  
[30] DE (199 58 600.4) 1999-12-06

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[21] **2,326,961**  
[13] A1

[51] **Int.Cl. 7C09J 7/04 7C08J 5/12**  
[25] EN  
[54] **BACKING FOR DUCT TAPES**  
[54] **PELLICULE PROTECTRICE POUR RUBANS ADHESIFS EN TOILE**  
[72] KARAOGLU, AZMI, US  
[71] AMERICAN TAPE COMPANY, US  
[22] 2000-11-27  
[43] 2001-06-03  
[30] US (09/454,368) 1999-12-03

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[21] **2,326,968**  
[13] A1

[51] **Int.Cl. 7C07K 14/78 7A22C 17/00**  
[25] EN  
[54] **METHOD OF MAKING A COLLAGEN MEMBRANE FROM PORCINE SKIN**  
[54] **METHODE DE FABRICATION D'UNE MEMBRANE DE COLLAGENE A PARTIR DE LA PEAU DE PORC**  
[72] DORSTEWITZ, RAINER, DE  
[72] BOHNI, JOSEF ANTON, CH  
[72] SCHLOSSER, LOTHAR, DE  
[72] GEISTLICH, PETER, CH  
[72] ECKMAYER, ZDENEK, DE  
[71] ED GEISTLICH SOHNE AG FUR CHEMISCHE INDUSTRIE, CH  
[22] 2000-11-28  
[43] 2001-06-07  
[30] US (09/455,811) 1999-12-07

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[21] **2,326,970**  
[13] A1

[51] **Int.Cl. 7C07D 231/12 7A61P 29/00 7C07D 401/04 7C07D 403/04 7C07D 405/10 7C07D 417/10 7C07D 231/14 7C07D 401/14 7C07D 403/14 7C07D 405/14 7C07D 409/14 7C07D 417/14 7A61K 31/415 7A61K 31/4439 7A61K 31/495 7A61K 31/5377**  
[25] EN  
[54] **ACETYLENE DERIVATIVES AS ANTI-INFLAMMATORY/ANALGESIC AGENTS**  
[54] **DERIVES D'ACETYLENE EN TANT QU'AGENTS ANTI-INFLAMMATOIRES ET ANALGESIQUES**  
[72] CHENG, HENGMIAO, US  
[72] KAWAI, AKIYOSHI, JP  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-11-28  
[43] 2001-06-03  
[30] US (60/168,698) 1999-12-03

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[21] **2,327,020**  
[13] A1

[51] **Int.Cl. 7B01D 21/24**  
[25] EN  
[54] **SEDIMENT COLLECTION HEADER APPARATUS**  
[54] **APPAREIL DE COLLECTE DE SEDIMENTS**  
[72] THORUM, JOHN W., US  
[72] BRYAN, WILLIAM B., US  
[72] HANSEN, BRAD, US  
[72] PRICE, TERRY R., US  
[72] LAIDLAW, PATRICK, US  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2000-11-28  
[43] 2001-06-08  
[30] US (60/169,577) 1999-12-08

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[21] **2,327,056**  
[13] A1

[51] **Int.Cl. 7C07C 233/52 7C07C 231/12 7C07C 227/18 7C07C 229/48**  
[25] EN  
[54] **PHOSPHINE REDUCTION OF AZIDES TO AMIDES**  
[54] **REDUCTION PAR PHOSPHINE D'AZIDES ~ DES AMIDES**  
[72] MAIR, HANS-JUERGEN, DE  
[71] F. HOFFMAN-LA ROCHE AG, CH  
[22] 2000-11-29  
[43] 2001-06-03  
[30] EP (99124223.1) 1999-12-03

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June 3, 2001 - June 9, 2001

[21] **2,327,067**  
[13] A1

[51] **Int.Cl. 7D06M 15/00 7B41J 2/175**  
[25] EN  
[54] **SURFACE REFORMED FIBER BODY, LIQUID CONTAINER USING FIBER ABSORBER, AND METHOD OF PRODUCING FIBER ABSORBER FOR USE IN LIQUID EJECTION**  
[54] **CORPS DE FIBRES A SURFACE REFORMEE, RESERVOIR UTILISANT UN ABSORBEUR A FIBRES, ET METHODE DE FABRICATION D'ABSORBEUR A FIBRES POUR L'EJECTION DE LIQUIDE**  
[72] YAMAMOTO, HAJIME, JP  
[72] SHIMIZU, EIICHIRO, JP  
[72] KOSHIKAWA, HIROSHI, JP  
[72] SANADA, MIKIO, JP  
[72] HATTORI, SHOZO, JP  
[72] SUGAMA, SADAYUKI, JP  
[72] KITABATAKE, KENJI, JP  
[72] HAYASHI, HIROKI, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 2000-11-30  
[43] 2001-06-06  
[30] JP (11-346913) 1999-12-06  
[30] JP (11-346914) 1999-12-06

[21] **2,327,074**  
[13] A1

[51] **Int.Cl. 7E21B 17/00 7F16L 15/00**  
[25] EN  
[54] **ASSEMBLY COMPRISING PUMP ROD AND THREADED UNION**  
[54] **ASSEMBLAGE COMPRENANT UNE TIGE DE POMPE ET UN MANCHON ET MAMELON**  
[72] VILLASANTE, JOSE, AR  
[72] ERNST, HUGO ALEJANDRO, AR  
[72] JOHNSON, DANIEL, AR  
[71] SIDERCA S.A.I.C., AR  
[22] 2000-11-30  
[43] 2001-06-03  
[30] AR (P99 01 06162) 1999-12-03

[21] **2,327,077**  
[13] A1

[51] **Int.Cl. 7B60K 17/34**  
[25] EN  
[54] **POWER TRANSMISSION SYSTEM FOR FOUR-WHEEL DRIVE VEHICLES**  
[54] **SYSTEME DE TRANSMISSION DE PUISSANCE POUR VEHICULES A QUATRE ROUES MOTRICES**  
[72] KUNII, RIKIYA, JP  
[72] ARAI, KENTARO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-11-29  
[43] 2001-06-03  
[30] JP (11-345278) 1999-12-03

[21] **2,327,090**  
[13] A1

[51] **Int.Cl. 7B61L 23/04**  
[25] EN  
[54] **METHOD OF DETECTING OBSTACLES ON RAILROAD LINES**  
[54] **METHODE DE DETECTION D'OBSTACLES SUR DES VOIES FERREES**  
[72] UEBEL, HELMUT, DE  
[71] ALCATEL, FR  
[22] 2000-11-30  
[43] 2001-06-04  
[30] DE (199 58 634.9) 1999-12-04

[21] **2,327,092**  
[13] A1

[51] **Int.Cl. 7B24D 3/14**  
[25] EN  
[54] **COATED PCBN CUTTING TOOLS**  
[54] **OUTILS DE COUPE PCBN RECOUVERTS**  
[72] OHARA, HISANORI, JP  
[72] NAKAI, TETSUO, JP  
[72] SHIRAIISHI, JUNICHI, JP  
[72] FUKAYA, TOMOHIRO, JP  
[72] OTA, MICHIKO, JP  
[72] FUKUI, HARUYO, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2000-11-30  
[43] 2001-06-03  
[30] JP (JP-11345490) 1999-12-03

[21] **2,327,094**  
[13] A1

[51] **Int.Cl. 7H01B 11/00 7H01B 11/04 7H01B 13/06**  
[25] EN  
[54] **LOW-CROSSTALK DATA CABLE AND METHOD OF MANUFACTURING**  
[54] **CABLE DE DONNEES A FAIBLE DIAPHONIE, ET METHODE DE FABRICATION**  
[72] DESPARD, V. BOYD, US  
[71] ALCATEL, FR  
[22] 2000-11-30  
[43] 2001-06-03  
[30] US (09/453,531) 1999-12-03

[21] **2,327,135**  
[13] A1

[51] **Int.Cl. 7H01J 49/04 7H01J 49/26**  
[25] EN  
[54] **MASS SPECTROMETER SYSTEM INCLUDING A DOUBLE ION GUIDE INTERFACE AND METHOD OF OPERATION**  
[54] **SYSTEME RELIE A UN SPECTROMETRE DE MASSE COMPRENANT UNE INTERFACE MUNIE DE DEUX GUIDES IONIQUES, ET METHODE DE FONCTIONNEMENT**  
[72] TANG, KEQI, US  
[72] DUNYACH, JEAN-JACQUES, US  
[72] SCHOEN, ALAN E., US  
[71] FINNIGAN CORPORATION, US  
[22] 2000-11-29  
[43] 2001-06-03  
[30] US (09/454,273) 1999-12-03  
[30] US (09/715,815) 2000-11-16

[21] **2,327,137**  
[13] A1

[51] **Int.Cl. 7H03F 3/24 7H04B 1/26**  
[25] EN  
[54] **EFFICIENT MULTIMODE POWER AMPLIFIER**  
[54] **AMPLIFICATEUR DE PUISSANCE MULTIMODE EFFICIENT**  
[72] LEIZEROVICH, GUSTAVO D., US  
[72] CYGAN, LAWRENCE F., US  
[71] MOTOROLA, INC., US  
[22] 2000-11-30  
[43] 2001-06-04  
[30] US (09/455,813) 1999-12-04

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**3 juin 2001 - 9 juin 2001**

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[21] **2,327,154**  
[13] A1

[51] **Int.Cl. 7A61F 13/471**  
[25] EN  
[54] **MASCULINE HYGIENIC DEVICE FOR DAILY USE**  
[54] **DISPOSITIF D'HYGIENE MASCULINE, POUR UTILISATION QUOTIDIENNE**  
[72] DUTARI, RODRIGO ALBERTO TERAN, PA  
[71] DUTARI, RODRIGO ALBERTO TERAN, PA  
[22] 2000-11-30  
[43] 2001-06-03  
[30] US (09/454,025) 1999-12-03

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[21] **2,327,163**  
[13] A1

[51] **Int.Cl. 7C08J 7/04 7B41J 2/175**  
[25] EN  
[54] **RECORDING LIQUID FEED PATH, RECORDING LIQUID CONTAINER, AND RECORDING LIQUID FEED DEVICE HAVING SAME, AS WELL AS SURFACE MODIFYING METHOD FOR THE RECORDING LIQUID FEED DEVICE**  
[54] **TRAJET DE BOUILLIE LIQUIDE DE REFERENCE, RESERVOIR DE REFERENCE, ET DISPOSITIF DE BOUILLIE LIQUIDE DE REFERENCE AINSI EQUIPE, DE MEME QUE METHODE DE MODIFICATION DE SURFACE POUR LE DISPOSITIF DE BOUILLIE LIQUIDE DE REFERENCE**  
[72] KITABATAKE, KENJI, JP  
[72] KOSHIKAWA, HIROSHI, JP  
[72] SANADA, MIKIO, JP  
[72] HATTORI, SHOZO, JP  
[72] YAMAMOTO, HAJIME, JP  
[72] SHIMIZU, EIICHIRO, JP  
[72] HAYASHI, HIROKI, JP  
[72] SUGAMA, SADAYUKI, JP  
[71] CANON KABUSHIKI KAISHA, JP  
[22] 2000-11-30  
[43] 2001-06-06  
[30] JP (11-346915) 1999-12-06

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[21] **2,327,165**  
[13] A1

[51] **Int.Cl. 7C08F 212/34 7C08F 236/20 7C08F 8/24 7C08F 220/26 7C02F 1/28 7A23L 3/3463 7A23L 2/80**  
[25] EN  
[54] **PROCESS FOR PREPARING MONODISPERSE ADSORBER RESINS AND THEIR USE**  
[54] **PROCESSUS DE PREPARATION DE RESINES D'ADSORPTION MONODISPERSEES ET LEUR UTILISATION**  
[72] FEISTEL, LOTHAR, DE  
[72] STRUVER, WERNER, DE  
[72] SCHNEGG, ULRICH, DE  
[72] HOLZBRECHER, MICHAEL, DE  
[72] MARTIN, GEORG, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 2000-11-30  
[43] 2001-06-03  
[30] DE (19958390.0) 1999-12-03

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[21] **2,327,174**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7H04H 1/00**  
[25] EN  
[54] **WIRELESS SOFTWARE AND CONFIGURATION PARAMETER MODIFICATION FOR MOBILE ELECTRONIC DEVICES**  
[54] **EMISSION SANS FIL DE MODIFICATION DE PARAMETRES DE CONFIGURATION ET DE LOGICIELS POUR DISPOSITIFS ELECTRONIQUES MOBILES**  
[72] COSTELLO, EDWARD J., US  
[72] WEGENER, ALBERT W., US  
[72] VOICHICK, JONATHAN, US  
[72] SWERDLOW, SERGE, US  
[72] LINDEN, THOMAS M., US  
[71] COMMAND AUDIO CORPORATION, US  
[22] 2000-11-30  
[43] 2001-06-03  
[30] US (09/454,901) 1999-12-03

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[21] **2,327,203**  
[13] A1

[51] **Int.Cl. 7F01D 5/18**  
[25] EN  
[54] **COOLED AIRFOIL FOR GAS TURBINE ENGINE AND METHOD OF MAKING THE SAME**  
[54] **CAPTEUR REFROIDI POUR TURBINE A GAZ, ET METHODE DE FABRICATION DUDIT CAPTEUR**  
[72] FLAHERTY, TERENCE C., US  
[72] MANNING, ROBERT F., US  
[72] TUNG, SUNG, US  
[72] TSAI, GENE C. F., US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-11-30  
[43] 2001-06-09  
[30] US (09/457,652) 1999-12-09

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[21] **2,327,204**  
[13] A1

[51] **Int.Cl. 7H01R 13/648 7H01R 24/08**  
[25] EN  
[54] **SHIELDED CONNECTOR**  
[54] **CONNECTEUR BLINDE**  
[72] VAN WOENSEL, JOHANNES MARIA BLASIVUS, NL  
[71] F.C.I. - FRAMATOME CONNECTORS INTERNATIONAL, FR  
[22] 2000-12-01  
[43] 2001-06-03  
[30] NL (NL 1013740) 1999-12-03

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[21] **2,327,205**  
[13] A1

[51] **Int.Cl. 7H01R 24/08 7H01R 13/648**  
[25] EN  
[54] **SHIELDED CONNECTOR ASSEMBLY**  
[54] **ENSEMBLE DE CONNEXIONS BLINDEES**  
[72] VAN WOENSEL, JOHANNES MARIA BLASIVUS, NL  
[71] F.C.I. - FRAMATOME CONNECTORS INTERNATIONAL, FR  
[22] 2000-12-01  
[43] 2001-06-03  
[30] NL (NL 1013741) 1999-12-03

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[21] **2,327,206**  
[13] A1

[51] **Int.Cl. 7H02H 7/08 7H02H 5/04**  
[25] EN  
[54] **THERMAL PROTECTION RELAY**  
[54] **RELAIS DE PROTECTION**  
**THERMIQUE**  
[72] GOTZIG, BERNHARD, FR  
[71] SCHNEIDER ELECTRIC  
INDUSTRIES SA, FR  
[22] 2000-12-01  
[43] 2001-06-06  
[30] FR (99 15 315) 1999-12-06

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[21] **2,327,209**  
[13] A1

[51] **Int.Cl. 7H04B 3/20 7H04B 3/23**  
[25] EN  
[54] **METHOD AND DEVICE FOR**  
**ECHO CANCELLING**  
[54] **METHODE ET DISPOSITIF**  
**D'ANNULATION D'ECHO**  
[72] VANDERBAUWHEDE, WIM, BE  
[72] BOXHO, JEAN, BE  
[72] MACQ, DAMIEN LUC FRANCOIS,  
US  
[71] ALCATEL, FR  
[22] 2000-12-01  
[43] 2001-06-06  
[30] EP (99403062.5) 1999-12-06

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[21] **2,327,213**  
[13] A1

[51] **Int.Cl. 7B65B 61/18**  
[25] EN  
[54] **METHOD AND DEVICE FOR**  
**PRODUCING BAGS WITH THREE**  
**SEALED EDGES AND WELDED-IN**  
**CLOSING SEAL**  
[54] **METHODE ET DISPOSITIF DE**  
**FABRICATION DE SACS A TROIS**  
**BORDS SCELLES ET SCEAU DE**  
**FERMETURE SOUDE**  
[72] KUNZ, RICO, CH  
[72] WANNER, ERNST, CH  
[72] LOEWENTHAL, HORST, DE  
[72] STRASSER, THOMAS, CH  
[71] SIG PACK SYSTEMS AG, CH  
[22] 2000-12-01  
[43] 2001-06-03  
[30] CH (2217/99) 1999-12-03

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[21] **2,327,215**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36 7H04L 12/16**  
[25] EN  
[54] **A TERMINAL TO EXECUTE A**  
**TERMINAL APPLICATION**  
[54] **TERMINAL D'EXECUTION D'UNE**  
**APPLICATION TERMINALE**  
[72] PETERS, MARCO JOHANNES  
HUBERTUS, NL  
[72] BOS, LIEVE MARIA MARCELLA  
ROSEMARIJN, BE  
[71] ALCATEL, FR  
[22] 2000-12-01  
[43] 2001-06-06  
[30] EP (99403045.0) 1999-12-06

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[21] **2,327,219**  
[13] A1

[51] **Int.Cl. 7E21B 23/00**  
[25] EN  
[54] **FLUID CUT CONTROL DEVICE**  
[54] **DISPOSITIF DE COMMANDE DE**  
**COUPE AVEC LIQUIDE**  
[72] WILLAUER, DARRIN L., US  
[71] BAKER HUGHES INCORPORATED,  
US  
[22] 2000-12-01  
[43] 2001-06-03  
[30] US (60/168,971) 1999-12-03

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[21] **2,327,220**  
[13] A1

[51] **Int.Cl. 7C09D 175/16 7C09D 161/28**  
[25] EN  
[54] **TWO-COMPONENT COATING**  
**COMPOSITIONS HAVING IMPROVED**  
**SCRATCH RESISTANCE**  
[54] **COMPOSITIONS DE**  
**REVETEMENT A DEUX**  
**COMPOSANTES AVEC UNE**  
**RESISTANCE AMELIOREE AUX**  
**EGRATIGNURES**  
[72] SYLVESTER, ROBERT ANTHONY,  
US  
[72] JACOBS, PATRICIA B., US  
[71] BAYER CORPORATION, US  
[22] 2000-12-01  
[43] 2001-06-08  
[30] US (09/456,926) 1999-12-08

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[21] **2,327,221**  
[13] A1

[51] **Int.Cl. 7A47C 3/12 7A47C 7/56**  
[25] EN  
[54] **CONNECTION ASSEMBLY FOR A**  
**CHAIR BACK**  
[54] **ASSEMBLAGE POUR DOSSIER DE**  
**SIEGE**  
[72] ROBERTS, SIMON VINCENT  
HARBY, GB  
[72] JONES, MARK GRANT, GB  
[71] UNIT PRESS LIMITED, GB  
[22] 2000-12-01  
[43] 2001-06-03  
[30] GB (9928509.0) 1999-12-03

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[21] **2,327,222**  
[13] A1

[51] **Int.Cl. 7G06F 17/30 7H04L 12/24**  
[25] EN  
[54] **VIRTUAL MACHINE WEB**  
**BROWSER**  
[54] **FURETEUR WEB REALISE PAR**  
**MACHINE VIRTUELLE**  
[72] YACH, DAVID, CA  
[71] RESEARCH IN MOTION LIMITED,  
CA  
[22] 2000-12-01  
[43] 2001-06-03  
[30] US (60/169,032) 1999-12-03

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[21] **2,327,223**  
[13] A1

[51] **Int.Cl. 7A45C 11/10**  
[25] EN  
[54] **ADJUSTABLE HOLDER FOR**  
**WATCHES AND JEWELRY**  
[54] **SUPPORT REGLABLE POUR**  
**MONTRES ET BIJOUX**  
[72] HERZOG, JACK L., CA  
[71] HERZOG, JACK L., CA  
[22] 2000-12-01  
[43] 2001-06-07  
[30] US (09/455,913) 1999-12-07  
[30] US (09/534,986) 2000-03-27

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[21] **2,327,224**  
[13] A1

[51] **Int.Cl. 7B62D 55/20**  
[25] EN  
[54] **METHOD AND APPARATUS FOR RETAINING A TRACK CHAIN JOINT**  
[54] **METHODE ET APPAREIL DE RETENUE D'UN JOINT DE CHENILLES**  
[72] PLOUSE, LOREENA S., US  
[72] BEDFORD, BILLY R., US  
[72] OERTLEY, THOMAS E., US  
[71] CATERPILLAR INC., US  
[22] 2000-12-01  
[43] 2001-06-09  
[30] US (09/458,177) 1999-12-09

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[21] **2,327,225**  
[13] A1

[51] **Int.Cl. 7G07F 11/00**  
[25] EN  
[54] **VENDING APPARATUS FOR DISPENSING HOT PIZZAS**  
[54] **DISTRIBUTEUR AUTOMATIQUE DE PIZZAS CHAUDES**  
[72] DEMAGGIO, GIOVANNI, IT  
[72] GUBBINI, AMULIO, IT  
[71] TOP VENDING SRL, IT  
[22] 2000-12-01  
[43] 2001-06-03  
[30] IT (TO99A001068) 1999-12-03

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[21] **2,327,227**  
[13] A1

[51] **Int.Cl. 7F25J 1/02**  
[25] EN  
[54] **CRYOGENIC ULTRA COLD HYBRID LIQUEFIER**  
[54] **APPAREIL CRYOGENIQUE HYBRIDE POUR LA LIQUEFACTION A TRES BASSE TEMPERATURE**  
[72] ACHARYA, ARUN, US  
[72] ROYAL, JOHN HENRI, US  
[72] ARMAN, BAYRAM, US  
[72] BONAQUIST, DANTE PATRICK, US  
[72] GOTZMANN, CHRISTIAN FRIEDRICH, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 2000-12-01  
[43] 2001-06-03  
[30] US (09/453,297) 1999-12-03

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[21] **2,327,229**  
[13] A1

[51] **Int.Cl. 7B32B 27/32**  
[25] EN  
[54] **HEAT-SEALABLE FILMS**  
[54] **FILMS THERMOSCELLABLES**  
[72] HANYU, AIKO, US  
[72] HICKS, BEN WAYNE, US  
[71] FINA TECHNOLOGY, INC., US  
[22] 2000-12-01  
[43] 2001-06-03  
[30] US (09/454,799) 1999-12-03

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[21] **2,327,230**  
[13] A1

[51] **Int.Cl. 7A61K 33/24 7A61P 1/02 7A61K 7/16**  
[25] EN  
[54] **DENTAL AND ORAL COMPOSITION**  
[54] **COMPOSITION DENTAIRE ET ORALE**  
[72] OKADA, KOICHI, JP  
[72] YAMAUCHI, JUNICHI, JP  
[72] MASUHARA, EIICHI, JP  
[72] KADOMA, YOSHINORI, JP  
[72] YAMAGUCHI, SATOSHI, JP  
[71] KURARAY CO., LTD., JP  
[22] 2000-12-01  
[43] 2001-06-03  
[30] JP (344938/1999) 1999-12-03

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[21] **2,327,235**  
[13] A1

[51] **Int.Cl. 7B60K 17/34**  
[25] EN  
[54] **POWER TRANSMISSION DEVICE FOR A FOUR-WHEEL DRIVE VEHICLE**  
[54] **DISPOSITIF DE TRANSMISSION DE PUISSANCE POUR VEHICULE A QUATRE ROUES MOTRICES**  
[72] KUNII, RIKIYA, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-12-01  
[43] 2001-06-03  
[30] JP (HEI 11-345279) 1999-12-03

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[21] **2,327,237**  
[13] A1

[51] **Int.Cl. 7C12P 19/00**  
[25] FR  
[54] **PROCEDE DE TRANSFORMATION DE MATIERES ORGANIQUES, EN PARTICULIER SACCHARIDIQUES, COMPRENANT UNE ETAPE D'OXYDATION ENZYMATIQUE EN PRESENCE DE RUTHENIUM OU PALLADIUM**  
[54] **PROCESS FOR TRANSFORMATION OF ORGANIC MATTER, PARTICULARLY SACCHARIDES, CONSISTING OF A STEP INVOLVING ENZYME OXIDATION IN THE PRESENCE OF RUTHENIUM OR PALLADIUM**  
[72] FUERTES, PATRICK, FR  
[72] TAMION, RODOLPHE, FR  
[72] FOUACHE, CATHERINE, FR  
[72] MOINE, DIDIER, FR  
[72] FLECHE, GUY, FR  
[71] ROQUETTE FRERES, FR  
[22] 2000-11-30  
[43] 2001-06-07  
[30] FR (FR99/15434) 1999-12-07

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[21] **2,327,238**  
[13] A1

[51] **Int.Cl. 7H04N 1/41**  
[25] EN  
[54] **METHOD FOR COMPRESSING SCANNED COLORED AND GRAY-SCALE DOCUMENTS**  
[54] **METHODE DE COMPRESSION DE DOCUMENT COULEUR OU A NIVEAUX DE GRIS NUMERISE**  
[72] THIERSCHMANN, MICHAEL, DE  
[72] MCPARTLIN, SIMON, DE  
[72] BARTHEL, KAI UWE, DE  
[71] LURATECH GESELLSCHAFT FUER LUFT-UND RAUMFAHRTTECHNOLOGIE & MULTIMEDIA MB, DE  
[22] 2000-12-01  
[43] 2001-06-04  
[30] DE (199 58 553.9) 1999-12-04

Canadian Laid-Open Applications  
June 3, 2001 - June 9, 2001

[21] **2,327,239**  
[13] A1

[51] **Int.Cl. 7A61K 7/02**  
[25] FR  
[54] **COMPOSITION COSMETIQUE SANS TRANSFERT COMPRENANT UN COMPOSE NON VOLATIL SILICONE ET UNE HUILE HYDROCARBONNEE NON VOLATILE INCOMPATIBLE AVEC CE COMPOSE SILICONE**  
[54] **COSMETIC COMPOSITION WITHOUT TRANSFER CONTAINING A NONVOLATILE SILICONE COMPOUND AND A NONVOLATILE HYDROCARBON OIL INCOMPATIBLE WITH THIS SILICONE COMPOUND**  
[72] ARNAUD, PASCAL, FR  
[71] L'OREAL, FR  
[22] 2000-12-01  
[43] 2001-06-03  
[30] FR (99 15 373) 1999-12-03

[21] **2,327,240**  
[13] A1

[51] **Int.Cl. 7G01F 1/56**  
[25] EN  
[54] **MAGNETO-INDUCTIVE FLOWMETER**  
[54] **DEBITMETRE A INDUCTION MAGNETIQUE**  
[72] VAN WILLIGEN, ARNOUD LEENDERT, NL  
[71] KROHNE A.G., CH  
[22] 2000-12-01  
[43] 2001-06-03  
[30] DE (199 58 285.8) 1999-12-03

[21] **2,327,244**  
[13] A1

[51] **Int.Cl. 7F16K 31/60**  
[25] EN  
[54] **MULTI PURPOSE VALVE OPENING TOOL**  
[54] **COUDE DE VANNE POLYVALENT**  
[72] MELLOTT, PATRICK, CA  
[72] LEMAIRE, STEPHAN, CA  
[71] MELLOTT, PATRICK, CA  
[71] LEMAIRE, STEPHAN, CA  
[22] 2000-12-01  
[43] 2001-06-03  
[30] CA (2,291,569) 1999-12-03

[21] **2,327,245**  
[13] A1

[51] **Int.Cl. 7B65D 75/54 7A61J 1/03 7B65D 75/30 7B65D 65/40 7B65D 75/62**  
[25] EN  
[54] **IMPROVED PHARMACEUTICAL PACKAGING**  
[54] **CONDITIONNEMENT PHARMACEUTIQUE AMELIORE**  
[72] HETRICK, HAYDEE, US  
[72] MUGGLI, OLIVIER Y., US  
[71] ALUSUISSE TECHNOLOGY & MANAGEMENT LTD., CH  
[22] 2000-12-01  
[43] 2001-06-03  
[30] US (09/453,506) 1999-12-03

[21] **2,327,256**  
[13] A1

[51] **Int.Cl. 7C07D 417/14 7A61P 29/00 7A61P 35/00 7A61P 19/02 7C07D 471/04 7C07D 491/052 7C07D 401/14 7C07D 403/14 7C07D 405/14 7C07D 409/14 7C07D 413/14 7A61K 31/454 7A61K 31/47 7A61K 31/497 7A61K 31/501 7A61K 31/506 7A61K 31/53**  
[25] EN  
[54] **HETEROARYL PHENYL PYRAZOLE COMPOUNDS AS ANTI-INFLAMMATORY/ANALGESIC AGENTS**  
[54] **UTILISATION D'HETEROARYL-PHENYL-PYRAZOLES COMME AGENTS ANTI-INFLAMMATOIRES/ANALGESIQUES**  
[72] ANDO, KAZUO, JP  
[72] KAWAMURA, KIYOSHI, JP  
[72] LI, JIN, US  
[72] KATO, TOMOKI, JP  
[72] CHENG, HENGMIAO, US  
[72] MINICH, MARTHA LOU, US  
[72] LUNDY, KRISTIN MARIE, US  
[72] SAKYA, SUBAS MAN, US  
[72] BRONK, BRIAN SCOTT, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-12-01  
[43] 2001-06-03  
[30] US (60/168,890) 1999-12-03

[21] **2,327,277**  
[13] A1

[51] **Int.Cl. 7A61K 7/13 7A45D 19/00**  
[25] FR  
[54] **COMPOSITIONS DE TEINTURE POUR FIBRES KERATINIQUES COMPRENANT UN COMPOSE NON-IONIQUE**  
[54] **DYE COMPOSITIONS FOR KERATIN FIBRES INCLUDING A NON-IONIC COMPOUND**  
[72] BONE, ERIC, FR  
[72] YAMADA, HIDETOSHI, JP  
[72] MORI, HARUMI, JP  
[71] L'OREAL, FR  
[22] 2000-12-01  
[43] 2001-06-03  
[30] JP (HEI 11-345546) 1999-12-03

[21] **2,327,295**  
[13] A1

[51] **Int.Cl. 7B64C 25/10**  
[25] FR  
[54] **TRAIN D'ATERRISSAGE AUXILIAIRE AVANT POUR AERONEF**  
[54] **AUXILIARY FRONT AIRCRAFT LANDING GEAR**  
[72] CIPRIAN, DANILO, FR  
[72] DAZET, FRANCIS, FR  
[72] CHAUMEL, PASCAL, FR  
[71] AEROSPATIALE MATRA AIRBUS, FR  
[22] 2000-12-04  
[43] 2001-06-08  
[30] FR ( 99 15467) 1999-12-08

[21] **2,327,305**  
[13] A1

[51] **Int.Cl. 7G01N 33/487 7G01N 1/28**  
[25] EN  
[54] **MICRODROPLET DISPENSING FOR A MEDICAL DIAGNOSTIC DEVICE**  
[54] **DISPOSITIF DE DISTRIBUTION DE MICROGOUTTELETTES POUR UN APPAREIL DE DIAGNOSTIC MEDICAL**  
[72] HARDING, IAN A., US  
[72] SHARTLE, ROBERT JUSTICE, US  
[71] LIFESCAN, INC., US  
[22] 2000-11-30  
[43] 2001-06-03  
[30] US (09/454,196) 1999-12-03

**Demandes canadiennes mises à la disponibilité du public**  
**3 juin 2001 - 9 juin 2001**

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[21] **2,327,309**  
[13] A1

[51] **Int.Cl. 7H04L 29/02 7H04L 1/08**  
[25] EN  
[54] **DATA COMMUNICATION SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE COMMUNICATION DE DONNEES**  
[72] KIKUCHI, TSUNEYUKI, JP  
[71] NEC CORPORATION, JP  
[22] 2000-11-30  
[43] 2001-06-03  
[30] JP (11-344063) 1999-12-03

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[21] **2,327,320**  
[13] A1

[51] **Int.Cl. 7G06F 3/12 7B41J 2/07**  
[25] EN  
[54] **IMPROVED STATE AND SEQUENCE CONTROL IN INK JET PRINTING SYSTEMS**  
[54] **ETAT AMELIORE ET COMMANDE DE SEQUENCE DANS DES SYSTEMES D'IMPRESSION A JET D'ENCRE**  
[72] BLUM, JOHN N., US  
[72] LYMAN, DAN C., US  
[71] SCITEX DIGITAL PRINTING, INC., US  
[22] 2000-11-30  
[43] 2001-06-06  
[30] US (09/455,067) 1999-12-06

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[21] **2,327,344**  
[13] A1

[51] **Int.Cl. 7H01H 83/02**  
[25] EN  
[54] **GROUND FAULT CIRCUIT BREAKER**  
[54] **DISJONCTEUR DIFFERENTIEL**  
[72] TIEMANN, JEROME JOHNSON, US  
[72] BAERTSCH, RICHARD DUDLEY, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 2000-11-30  
[43] 2001-06-07  
[30] US (09/456,492) 1999-12-07

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[21] **2,327,369**  
[13] A1

[51] **Int.Cl. 7A61K 47/36 7A61K 7/00 7A23L 1/0522 7A01N 25/14 7C11D 3/37**  
[25] FR  
[54] **COMPOSITION DILUANTE ET DESINTEGRANTE, SON PROCEDE D'OBTENTION ET SON UTILISATION**  
[54] **DILUENT AND DISINTEGRATING COMPOSITION, PROCESS FOR OBTAINING IT AND ITS USE**  
[72] LEFEVRE, PHILIPPE, FR  
[72] QUETTIER, CLAUDE, FR  
[72] FUERTES, PATRICK, FR  
[71] ROQUETTE FRERES, FR  
[22] 2000-12-05  
[43] 2001-06-07  
[30] FR (FR 99/15423) 1999-12-07

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[21] **2,327,371**  
[13] A1

[51] **Int.Cl. 7H01Q 21/28 7H04B 7/185**  
[25] FR  
[54] **SOURCE RAYONNANTE POUR ANTENNE D'EMISSION ET DE RECEPTION DESTINEE A ETRE INSTALLEE A BORD D'UN SATELLITE**  
[54] **RADIATING SOURCE FOR TRANSMITTING AND RECEIVING ANTENNA DESIGNED FOR INSTALLATION ON BOARD A SATELLITE**  
[72] CAILLOCE, YANN, FR  
[72] MAUREL, JACQUES, FR  
[72] MANGENOT, CYRIL, FR  
[71] ALCATEL, FR  
[22] 2000-12-05  
[43] 2001-06-09  
[30] FR (99 15 527) 1999-12-09

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[21] **2,327,372**  
[13] A1

[51] **Int.Cl. 7A45D 19/00**  
[25] FR  
[54] **DISPOSITIF POUR L'APPLICATION D'UN PRODUIT, NOTAMMENT CAPILLAIRE, SUR UNE MECHE DE CHEVEUX ET PROCEDE DE TRAITEMENT CAPILLAIRE**  
[54] **DEVICE FOR APPLYING A PRODUCT, NOTABLY FOR HAIR, ON STRANDS OF HAIR AND HAIR TREATMENT PROCESS**  
[72] DE LAFORCADE, VINCENT, FR  
[71] L'OREAL, FR  
[22] 2000-12-05  
[43] 2001-06-09  
[30] FR (99 15 544) 1999-12-09

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[21] **2,327,373**  
[13] A1

[51] **Int.Cl. 7E21B 47/00**  
[25] FR  
[54] **METHODE ET SYSTEME POUR LE CALCUL DE PERTES DE CHARGE PRENANT EN COMPTE LES EFFETS THERMIQUES**  
[54] **METHOD AND SYSTEM FOR CALCULATING PRESSURE LOSSES TAKING THERMAL EFFECTS INTO ACCOUNT**  
[72] KING, ISABELLE, FR  
[72] PEYSSON, YANNICK, FR  
[71] INSTITUT FRANCAIS DU PETROLE, FR  
[22] 2000-12-05  
[43] 2001-06-07  
[30] FR (99/15507) 1999-12-07

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[21] **2,327,375**  
[13] A1

[51] **Int.Cl. 7H02H 7/08 7B60L 3/04 7H02H 5/10**  
[25] FR  
[54] **RELAIS DE PROTECTION ELECTRIQUE**  
[54] **ELECTRICAL PROTECTOR RELAY**  
[72] CHEZE, ALAIN, FR  
[72] MACOR, BERNARD, FR  
[71] SOCIÉTÉ NATIONALE DES CHEMINS DE FER FRANÇAIS, FR  
[22] 2000-12-06  
[43] 2001-06-08  
[30] FR (99/15489) 1999-12-08

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Canadian Laid-Open Applications  
June 3, 2001 - June 9, 2001

[21] 2,327,385  
[13] A1

[51] Int.Cl. 7C07D 417/14 7A61P 29/00  
7A61P 35/00 7A61P 19/02 7C07D 471/04  
7C07D 491/052 7C07D 401/14 7C07D 403/  
14 7C07D 405/14 7C07D 409/14 7C07D  
413/14 7A61K 31/454 7A61K 31/47 7A61K  
31/497 7A61K 31/501 7A61K 31/506  
7A61K 31/53

[25] EN  
[54] SULFAMOYLHETEROARYL  
PYRAZOLE COMPOUNDS AS ANTI-  
INFLAMMATORY/ANALGESIC  
AGENTS

[54] UTILISATION DE  
-SULFAMOYLHETEROARYL-  
PYRAZOLES COMME AGENTS ANTI-  
INFLAMMATOIRES/ANALGESIQUES

[72] ANDO, KAZUO, JP  
[72] KAWAMURA, KIYOSHI, JP  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-12-01  
[43] 2001-06-03  
[30] US (60/168,889) 1999-12-03

[21] 2,327,404  
[13] A1

[51] Int.Cl. 7A23L 1/39 7A23L 1/0522  
7A23C 13/14 7A23L 1/187 7A23L 2/39

[25] EN  
[54] STARCH-BASED FOOD  
COMPOSITIONS  
[54] COMPOSITIONS ALIMENTAIRES  
A BASE D'AMIDON

[72] BONNET, DIDIER CHARLES  
ROBERT, BE  
[71] CERESTAR HOLDING B.V., NL  
[22] 2000-12-04  
[43] 2001-06-07  
[30] GB (9928754.2) 1999-12-07

[21] 2,327,424  
[13] A1

[51] Int.Cl. 7A23D 7/015 7A23C 19/076  
7A23L 1/307

[25] EN  
[54] BUTTERFAT FRACTIONS FOR  
USE IN FOOD PRODUCTS

[54] FRACTIONS DE MATIERE  
GRASSE A UTILISER DANS LES  
PRODUITS ALIMENTAIRES

[72] MEHNERT, DAVID WEBB, US  
[72] HAYASHI, DAVID KAY, US  
[72] MORAN, JAMES WILLIAM, US  
[72] SILVER, RICHARD STUART, US  
[71] KRAFT FOODS, INC., US  
[22] 2000-11-27  
[43] 2001-06-07  
[30] US (456,238) 1999-12-07

[21] 2,327,442  
[13] A1

[51] Int.Cl. 7B60B 17/00

[25] EN  
[54] WHEEL ADAPTER  
[54] ADAPTATEUR DE ROUE  
[72] LOVITT, ESTEL L., JR., US  
[71] MITCHELL EQUIPMENT  
CORPORATION, US  
[22] 2000-12-04  
[43] 2001-06-06  
[30] US (09/455,190) 1999-12-06

[21] 2,327,446  
[13] A1

[51] Int.Cl. 7B60J 1/17

[25] EN  
[54] SPRING ELEMENT, ESPECIALLY  
FOR APPARATUS FOR RAISING AND  
LOWERING WINDOWPANES OF  
MOTOR VEHICLES  
[54] ELEMENT A RESSORT, EN  
PARTICULIER POUR DISPOSITIF DE  
LEVAGE ET D'ABAISSMENT DE  
GLACES DE FENETRE DE VEHICULES  
A MOTEUR

[72] JAGER, SEBASTIAN, DE  
[71] OPTIMER POLYMER-TECHNIK  
GMBH, DE  
[22] 2000-12-04  
[43] 2001-06-04  
[30] DE (199 58 036.7) 1999-12-04

[21] 2,327,453  
[13] A1

[51] Int.Cl. 7C11D 3/37 7C11D 1/722

[25] EN  
[54] LAUNDRY DETERGENTS AND  
CLEANING PRODUCTS  
[54] DETERGENTS POUR LESSIVE ET  
PRODUITS DE NETTOYAGE

[72] JEKEL, MAREN, DE  
[72] NITSCH, CHRISTIAN, DE  
[72] SCHMIEDEL, PETER, DE  
[72] BAYERSDOERFER, ROLF, DE  
[72] SUNDER, MATTHIAS, DE  
[72] HOLDERBAUM, THOMAS, DE  
[72] RICHTER, BERND, DE  
[72] GASSENMEIER, THOMAS OTTO, DE  
[72] VON RYBINSKI, WOLFGANG, DE  
[72] KESSLER, ARND, DE  
[71] HENKEL  
KOMMANDITGESELLSCHAFT AUF  
AKTIEN, DE  
[22] 2000-12-04  
[43] 2001-06-04  
[30] DE (199 58 471.0) 1999-12-04

[21] 2,327,511  
[13] A1

[51] Int.Cl. 7H04L 12/14 7G06F 17/60

[25] EN  
[54] BILLING METHOD FOR CLIENT  
SERVER SYSTEMS AND BILLING  
DEVICE FOR CLIENT SERVER  
SYSTEMS

[54] METHODE DE FACTURATION  
POUR SYSTEMES SERVEUR-CLIENT  
ET DISPOSITIF DE FACTURATION  
POUR SYSTEMES SERVEUR-CLIENT

[72] MIYAZAWA, TAKEO, JP  
[71] KIZNA.COM INC., US  
[22] 2000-12-04  
[43] 2001-06-03  
[30] JP (H11-345479) 1999-12-03

[21] 2,327,531  
[13] A1

[51] Int.Cl. 7H04L 12/46 7H04L 9/00  
7H04L 29/06

[25] EN  
[54] METHOD OF VIRTUAL PRIVATE  
NETWORK COMMUNICATION IN  
SECURITY GATEWAY APPARATUS  
AND SECURITY GATEWAY  
APPARATUS USING THE SAME  
[54] METHODE DE COMMUNICATION  
PAR RESEAU PRIVE VIRTUEL DANS  
UN DISPOSITIF DE PASSERELLE DE  
SECURITE ET DISPOSITIF DE  
PASSERELLE DE SECURITE  
UTILISANT CETTE METHODE

[72] MURAKAWA, YASUSHI, JP  
[71] MATSUSHITA ELECTRIC  
INDUSTRIAL CO., LTD., JP  
[22] 2000-12-04  
[43] 2001-06-03  
[30] JP (11-344500) 1999-12-03

**Demandes canadiennes mises à la disponibilité du public**  
**3 juin 2001 - 9 juin 2001**

[21] **2,327,535**  
[13] A1

[51] **Int.Cl. 7B62D 25/08 7B62D 65/00**  
[25] EN  
[54] **VEHICLE BODY STRUCTURE FOR IMPROVED CRASH SAFETY**  
[54] **STRUCTURE DE CARROSSERIE DE VEHICULE PRESENTANT UNE MEILLEURE RESISTANCE A LA COLLISION**  
[72] MOTOZAWA, YASUKI, JP  
[72] KAMEI, TAKAHIRO, JP  
[72] YOSHIDA, KAZUYA, JP  
[72] TSURUTA, MAKOTO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-12-04  
[43] 2001-06-06  
[30] JP (11-345999) 1999-12-06  
[30] JP (11-346005) 1999-12-06

[21] **2,327,536**  
[13] A1

[51] **Int.Cl. 7C11D 3/37 7A61K 7/00 7A23L 1/03 7C09J 11/08 7A01N 25/10 7A61K 47/32 7A61K 47/36 7C11D 1/722**  
[25] EN  
[54] **PARTICULATE COMPOSITE MATERIAL FOR THE CONTROLLED RELEASE OF AN ACTIVE INGREDIENT**  
[54] **MATERIAU PARTICULAIRE COMPOSITE POUR LA LIBERATION CONTROLEE D'UN INGREDIENT ACTIF**  
[72] JEKEL, MAREN, DE  
[72] SCHMIEDEL, PETER, DE  
[72] GASSENMEIER, THOMAS, DE  
[72] KESSLER, ARND, DE  
[72] VON RYBINSKI, WOLFGANG, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-12-04  
[43] 2001-06-04  
[30] DE (199 58 472.9) 1999-12-04

[21] **2,327,557**  
[13] A1

[51] **Int.Cl. 7C08F 259/04 7C08F 265/06**  
[25] EN  
[54] **PROCESS FOR PREPARING THERMOPLASTIC MOLDING COMPOSITIONS**  
[54] **METHODE DE PREPARATION DE MELANGE A MOULER THERMOPLASTIQUE**  
[72] STIENEKER, AXEL, DE  
[72] BORDEIANU, RADU, DE  
[72] NEU, THOMAS, DE  
[72] STURM, HARALD, DE  
[72] SCHMITT, WILHELM FRIEDRICH, DE  
[71] VESTOLIT GMBH & CO. KG., DE  
[22] 2000-12-05  
[43] 2001-06-07  
[30] DE (199 58 820.1) 1999-12-07

[21] **2,327,563**  
[13] A1

[51] **Int.Cl. 7B26D 1/00**  
[25] EN  
[54] **ULTRASONIC VIBRATION CUTTING TOOL AND PRODUCTION METHOD THEREOF**  
[54] **OUTIL DE COUPE POUVANT AMELIORER L'EFFICACITE DE TRANSMISSION DE VIBRATIONS ULTRASONORES, ET METHODE DE FABRICATION CONNEXE**  
[72] SATO, SHIGERU, JP  
[71] ULTEX CORPORATION, JP  
[22] 2000-12-05  
[43] 2001-06-09  
[30] JP (11-350837) 1999-12-09

[21] **2,327,575**  
[13] A1

[51] **Int.Cl. 7A61K 31/502 7A61P 3/10 7A61P 9/10 7A61P 27/12 7A61K 31/167 7A61K 31/198 7A61K 31/277 7A61K 31/353 7A61K 31/4184 7A61K 31/4188 7A61K 31/426 7A61K 31/4422 7A61K 31/4747 7A61K 31/517 7A61K 31/538 7A61K 31/554**  
[25] EN  
[54] **COMBINATION OF ALDOSE REDUCTASE INHIBITORS AND ANTIHYPERTENSIVE AGENTS FOR THE TREATMENT OF DIABETIC COMPLICATIONS**  
[54] **COMBINAISON D'INHIBITEURS DE L'ALDOSE REDUCTASE ET D'AGENTS HYPOTENSEURS POUR LE TRAITEMENT DE COMPLICATIONS DU DIABETE**  
[72] MYLARI, BANAVARA LAKSHMAN, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-12-05  
[43] 2001-06-07  
[30] US (60/169,380) 1999-12-07

[21] **2,327,595**  
[13] A1

[51] **Int.Cl. 7B65G 49/02**  
[25] EN  
[54] **CONVEYOR BELT SYSTEM AND OVEN**  
[54] **SYSTEME DE COURROIE TRANSPORTEUSE ET FOUR**  
[72] KUENEN, HENDRIKUS ANTONIUS JACOBUS, NL  
[71] KOPPENS B.V., NL  
[22] 2000-12-05  
[43] 2001-06-06  
[30] NL (1013768) 1999-12-06

[21] **2,327,596**  
[13] A1

[51] **Int.Cl. 7B01L 3/14 7G06K 19/07**  
[25] EN  
[54] **DEVICE IN THE FORM OF A CONTAINER AND/OR CLOSURE**  
[54] **DISPOSITIF SOUS FORME D'UN CONTENANT ET/OU D'UNE FERMETURE**  
[72] KONRAD, FRANZ, AT  
[71] GREINER BIO-ONE GMBH, AT  
[22] 2000-12-05  
[43] 2001-06-06  
[30] AT (A2044/99) 1999-12-06

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June 3, 2001 - June 9, 2001

[21] 2,327,597  
[13] A1

[51] Int.Cl. 7H01M 10/24 7H01M 10/50  
[25] EN  
[54] LITHIUM SECONDARY BATTERY AND TRANSPORTATION METHOD THEREOF  
[54] ACCUMULATEUR AU LITHIUM ET METHODE DE TRANSPORT CONNEXE  
[72] NEMOTO, HIROSHI, JP  
[71] NGK INSULATORS, INC., JP  
[22] 2000-12-05  
[43] 2001-06-07  
[30] JP (11-347525) 1999-12-07  
[30] JP (11-347526) 1999-12-07

[21] 2,327,602  
[13] A1

[51] Int.Cl. 7B01J 20/20 7C22B 3/24 7B01J 20/34  
[25] EN  
[54] METHOD FOR THE REGENERATION OF SORBENT MATERIALS  
[54] METHODE DE REGENERATION DE MATERIAUX ABSORBANTS  
[72] ROBLES, ANTONIO T., CA  
[71] ROBLES, ANTONIO T., CA  
[22] 2000-12-05  
[43] 2001-06-06  
[30] US (09/454,584) 1999-12-06

[21] 2,327,605  
[13] A1

[51] Int.Cl. 7A42B 3/04  
[25] EN  
[54] A JAW PROTECTING APPARATUS OF HELMET  
[54] PROTECTEUR DE MACHOIRE POUR CASQUE  
[72] PARK, JUNG-HWAN, KR  
[72] LEE, JIN-GON, KR  
[72] HONG, WAN-KI, KR  
[72] CHOI, KWANG-MOON, KR  
[71] HONG JIN CROWN CO. LTD., KR  
[22] 2000-12-05  
[43] 2001-06-06  
[30] KR (99-55178) 1999-12-06

[21] 2,327,607  
[13] A1

[51] Int.Cl. 7H04J 14/02 7H04L 12/26  
[25] EN  
[54] METHOD OF COMMUNICATING MANAGEMENT MESSAGE AND SYSTEM FOR COMMUNICATING MANAGEMENT MESSAGE  
[54] METHODE DE COMMUNICATION DE MESSAGES DE GESTION ET SYSTEME DE COMMUNICATION DE MESSAGES DE GESTION  
[72] YOSHIYAMA, SHUNJI, JP  
[71] NEC CORPORATION, JP  
[22] 2000-12-05  
[43] 2001-06-06  
[30] JP (346874-1999) 1999-12-06

[21] 2,327,618  
[13] A1

[51] Int.Cl. 7A23P 1/08  
[25] EN  
[54] INSTALLATION FOR COATING PRODUCTS WITH A PULVERULENT MATERIAL  
[54] INSTALLATION POUR DES PRODUITS DE REVETEMENT AVEC UNE MATIERE PULVERULENTE  
[72] KUENEN, HENDRIKUS ANTONIUS JACOBUS, NL  
[71] KOPPENS B.V., NL  
[22] 2000-12-05  
[43] 2001-06-08  
[30] NL (1013797) 1999-12-08

[21] 2,327,623  
[13] A1

[51] Int.Cl. 7B05B 13/02 7B05B 15/06  
[25] EN  
[54] POWDER COATING METHOD AND APPARATUS  
[54] METHODE ET DISPOSITIF DE POUDRAGE  
[72] BAMFORD, BRAD, CA  
[71] BAMFORD, BRAD, CA  
[22] 2000-12-05  
[43] 2001-06-06  
[30] US (09/455,221) 1999-12-06

[21] 2,327,625  
[13] A1

[51] Int.Cl. 7A23K 1/14  
[25] EN  
[54] METHOD FOR RAISING EDIBLE ANIMALS  
[54] METHODE D'ELEVAGE D'ANIMAUX POUR LA CONSOMMATION  
[72] SATO, MINORU, JP  
[72] SATO, NAOHIKO, JP  
[71] SATO, NAOHIKO, JP  
[22] 2000-12-05  
[43] 2001-06-06  
[30] JP (H11-345596) 1999-12-06

[21] 2,327,627  
[13] A1

[51] Int.Cl. 7G10L 19/00 7H04M 3/56  
[25] EN  
[54] PROCESS FOR PROCESSING AT LEAST ONE CODED BINARY AUDIO FLUX ORGANIZED INTO FRAMES  
[54] PROCEDE POUR TRAITER AU MOINS UN FLUX AUDIO BINAIRE CODE ORGANISE EN TRAMES  
[72] BENJELLOUN TOUMI, ABDELLATIF, FR  
[72] LAMBLIN, CLAUDE, FR  
[72] MAHIEUX, YANNICK, FR  
[71] FRANCE TELECOM SA, FR  
[22] 2000-12-05  
[43] 2001-06-08  
[30] FR (99 15574) 1999-12-08

[21] 2,327,629  
[13] A1

[51] Int.Cl. 7H02J 7/34  
[25] EN  
[54] MAGNETICALLY COUPLED AUTONOMOUS BATTERY EQUALIZATION CIRCUIT  
[54] CIRCUIT D'EGALISATION DE BATTERIES AUTONOME A COUPLAGE MAGNETIQUE  
[72] RODEN, GAREY GEORGE, US  
[72] PETERSON, WILLIAM ANDERS, US  
[71] BAE SYSTEMS CONTROLS, INC., US  
[22] 2000-12-05  
[43] 2001-06-06  
[30] US (09/456,078) 1999-12-06

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**3 juin 2001 - 9 juin 2001**

[21] **2,327,633**  
[13] A1

[51] **Int.Cl. 7F16H 41/00**  
[25] EN  
[54] **FLOW PASSAGE STRUCTURE FOR SHAFT-PRESS-FITTED FLANGE MEMBERS**  
[54] **CONDUITE D'ÉCOULEMENT POUR COLLETS AVEC COLONNES EMMANCHEES A LA PRESSE**  
[72] NARAI, KATSUYUKI, JP  
[72] SHOJI, MIKIO, JP  
[72] NAKAMURA, TAKASHI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-12-06  
[43] 2001-06-09  
[30] JP (11-349656) 1999-12-09

[21] **2,327,634**  
[13] A1

[51] **Int.Cl. 7C09K 3/14 7B24D 3/10**  
[25] EN  
[54] **ABRASIVE PARTICLES WITH METALLURGICALLY BONDED METAL COATINGS**  
[54] **PARTICULES ABRASIVES A REVETEMENTS METALLIQUES A LIAISON METALLURGIQUE**  
[72] SHERMAN, ANDREW J., US  
[72] BOSE, ANIMESH, US  
[71] POWDERMET, INC., US  
[22] 2000-12-04  
[43] 2001-06-07  
[30] US (60/169,549) 1999-12-07

[21] **2,327,635**  
[13] A1

[51] **Int.Cl. 7C07D 239/54 7C07C 265/12 7C07C 271/28 7C07C 229/44 7C07C 323/52 7A01N 43/54 7C07C 271/58 7C07C 255/59**  
[25] EN  
[54] **URACIL COMPOUNDS AND USE THEREOF**  
[54] **COMPOSES D'URACILE ET UTILISATION DE CES COMPOSES**  
[72] TOHYAMA, YOSHITOMO, JP  
[72] SANEMITSU, YUZURU, JP  
[72] GOTOU, TOMOHIKO, JP  
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP  
[22] 2000-12-04  
[43] 2001-06-07  
[30] JP (H11-348025) 1999-12-07  
[30] JP (2000-165751) 2000-06-02

[21] **2,327,637**  
[13] A1

[51] **Int.Cl. 7B03C 1/30 7E03C 1/266**  
[25] EN  
[54] **MAGNETIC SEPARATOR DEVICE FOR DISPOSAL UNIT**  
[54] **SEPARATEUR MAGNETIQUE POUR BROYEUR DE DECHETS**  
[72] DAILEY, MARK E., US  
[71] SHILOH PARTNERS, LLC, US  
[22] 2000-12-06  
[43] 2001-06-08  
[30] US (60/169,827) 1999-12-08

[21] **2,327,638**  
[13] A1

[51] **Int.Cl. 7A61K 31/502 7A61P 3/10 7A61P 9/10 7A61P 27/12 7A61K 31/135 7A61K 31/15 7A61K 31/165 7A61K 31/167 7A61K 31/198 7A61K 31/353 7A61K 31/4184 7A61K 31/4188 7A61K 31/426 7A61K 31/4406 7A61K 31/451 7A61K 31/4525 7A61K 31/454 7A61K 31/4747 7A61K 31/517 7A61K 31/5375 7A61K 31/538**  
[25] EN  
[54] **COMBINATION OF ALDOSE REDUCTASE INHIBITORS AND SELECTIVE SEROTONIN REUPTAKE INHIBITORS FOR THE TREATMENT OF DIABETIC COMPLICATIONS**  
[54] **COMBINAISON D'INHIBITEURS DE L'ALDOSE REDUCTASE ET D'INHIBITEURS SPECIFIQUES DE LA RECAPTURE DE LA SEROTONINE POUR LE TRAITEMENT DE COMPLICATIONS DU DIABETE**  
[72] MYLARI, BANAVARA LAKSHMAN, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2000-12-05  
[43] 2001-06-07  
[30] US (60/169,462) 1999-12-07

[21] **2,327,639**  
[13] A1

[51] **Int.Cl. 7A61C 13/00 7A61C 5/06 7A61C 13/225**  
[25] EN  
[54] **MIXING ARRANGEMENT**  
[54] **SYSTEME DE MELANGE**  
[72] SALZ, ULRICH, DE  
[72] RUMPHORST, ANDRE, LI  
[72] RHEINBERGER, VOLKER, LI  
[72] MULLER, FRANK, AT  
[72] GIANASMIDIS, ALEXANDROS, CH  
[71] IVOCLAR AG, LI  
[22] 2000-12-06  
[43] 2001-06-09  
[30] DE (199 59 437.6) 1999-12-09

[21] **2,327,641**  
[13] A1

[51] **Int.Cl. 7C09D 11/02 7C09J 11/06 7C09D 133/14 7C09D 5/44 7C09D 5/46 7C08F 2/46 7C08K 5/5397**  
[25] EN  
[54] **NOVEL PHOSPHINE OXIDE PHOTOINITIATOR SYSTEMS AND CURABLE COMPOSITIONS WITH LOW COLOR**  
[54] **NOUVEAUX SYSTEMES PHOTOAMORCEURS D'OXYDE DE PHOSPHINE ET COMPOSITIONS REPARABLES AVEC COULEUR DE FAIBLE INTENSITE**  
[72] SITZMANN, EUGENE VALENTINE, US  
[72] WOSTRATZKY, DONALD, US  
[72] BRAMER, DAVID, US  
[72] AL-AKHDAR, WALID, US  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[22] 2000-12-06  
[43] 2001-06-08  
[30] US (60/169,576) 1999-12-08

[21] **2,327,656**  
[13] A1

[51] **Int.Cl. 7H04L 12/54**  
[25] EN  
[54] **CLIENT SERVER SYSTEM, DATA TRANSMISSION METHOD OF CLIENT SERVER SYSTEM AND MEDIUM RECORDING PROGRAM THEREOF**  
[54] **SYSTEME CLIENT-SERVEUR, METHODE DE TRANSMISSION DE DONNEES AU MOYEN DU SYSTEME CLIENT-SERVEUR ET PROGRAMME D'ENREGISTREMENT SUR SUPPORT CONNEXE**  
[72] OKADA, TETSUYA, JP  
[72] MIYAZAWA, TAKEO, JP  
[71] KIZNA.COM INC., US  
[22] 2000-12-06  
[43] 2001-06-07  
[30] JP (H11-348134) 1999-12-07



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[21] **2,327,660**  
[13] A1

[51] **Int.Cl. 7H04L 9/32**  
[25] EN  
[54] **SECURITY ASSURANCE METHOD FOR COMPUTER AND MEDIUM RECORDING PROGRAM THEREOF**  
[54] **METHODE D'ASSURANCE DE LA SECURITE D'UN ORDINATEUR ET DU PROGRAMME D'ENREGISTREMENT SUR SUPPORT CONNEXE**  
[72] OKADA, TETSUYA, JP  
[72] MIYAZAWA, TAKEO, JP  
[71] KIZNA.COM INC., US  
[22] 2000-12-06  
[43] 2001-06-07  
[30] JP (H11-348133) 1999-12-07

[21] **2,327,661**  
[13] A1

[51] **Int.Cl. 7B41J 29/46**  
[25] EN  
[54] **PRINTER, METHOD OF CONTROLLING IT, AND DATA STORAGE MEDIUM**  
[54] **IMPRIMANT, METHODE DE COMMANDE CONNEXE ET SUPPORT DE STOCKAGE DES DONNEES**  
[72] KOIKE, TOSHIAKI, JP  
[72] FUKANO, KAZUKO, JP  
[72] INAKOSHI, TADASHI, JP  
[71] SEIKO EPSON CORPORATION, JP  
[22] 2000-12-06  
[43] 2001-06-07  
[30] JP (11-347653) 1999-12-07

[21] **2,327,672**  
[13] A1

[51] **Int.Cl. 7A01D 45/00**  
[25] EN  
[54] **ROW-INSENSITIVE GATHERING DEVICE FOR AN AGRICULTURAL HEADER**  
[54] **DISPOSITIF COLLECTEUR POUR MOISSONNEUSE-CHARGEUSE, CAPABLE DE FONCTIONNER DANS DES CHAMPS N'AYANT PAS DE RANGS**  
[72] WOLTERS, NORBERT, DE  
[72] WUBBELS, RICHARD, DE  
[71] MASCHINENFABRIK KEMPER GMBH & CO KG, DE  
[22] 2000-12-06  
[43] 2001-06-09  
[30] DE (199 59 281.0) 1999-12-09

[21] **2,327,707**  
[13] A1

[51] **Int.Cl. 7B29C 44/06 7B60R 21/04**  
[25] EN  
[54] **INTEGRATED SOFT PADS FOR ONE STEP MOLDED PARTS**  
[54] **BOURRURES INTEGREES POUR PIECES MOULEES EN UNE ETAPE**  
[72] FRITSCH, MANFRED, US  
[71] MAGNA INTERIOR SYSTEMS, INC., CA  
[22] 2000-12-06  
[43] 2001-06-06  
[30] US (60/169,144) 1999-12-06

[21] **2,327,713**  
[13] A1

[51] **Int.Cl. 7H01H 83/00 7H01H 83/02**  
[25] EN  
[54] **ARC FAULT CIRCUIT INTERRUPTER**  
[54] **DISJONCTEUR DE DEFAUT D'ARC**  
[72] SCOTT, GARY W., US  
[72] GRATTAN, BRIAN G., US  
[72] DVORAK, ROBERT F., US  
[72] WONG, KON B., US  
[72] HAUN, ANDY A., US  
[71] SQUARE D COMPANY, US  
[22] 2000-12-06  
[43] 2001-06-07  
[30] US (09/454,565) 1999-12-07

[21] **2,327,721**  
[13] A1

[51] **Int.Cl. 7F24C 7/00 7F24C 15/00 7F24C 7/02**  
[25] EN  
[54] **TURNABLE MOTOR DRIVING CIRCUIT FOR A DIRECT CURRENT MICROWAVE OVEN**  
[54] **CIRCUIT DE COMMANDE DU MOTEUR DU PLATEAU ROTATIF D'UN MICRO-ONDES A COURANT CONTINU**  
[72] HAN, YONG-WOON, KR  
[72] SUNG, HAN-JUN, KR  
[72] KANG, KWANG-SEOK, KR  
[72] JANG, SEONG-DEOG, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 2000-12-06  
[43] 2001-06-09  
[30] KR (1999-56266) 1999-12-09

[21] **2,327,725**  
[13] A1

[51] **Int.Cl. 7H04L 25/06**  
[25] EN  
[54] **SYSTEM AND METHOD FOR COMPENSATING FOR CODEC DC OFFSET THROUGH A DC BLOCKING CHANNEL AND MODEL INCORPORATING THE SAME**  
[54] **METHODE ET SYSTEME DE COMPENSATION DU DECALAGE EN CONTINU D'UN CODEUR-DECODEUR AU MOYEN DU BLOCAGE DU COURANT CONTINU, ET MODELE UTILISANT LESDITS SYSTEME ET METHODE**  
[72] DAGDEVIREN, NURI R., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 2000-12-06  
[43] 2001-06-09  
[30] US (60/169,961) 1999-12-09  
[30] US (09/695,671) 2000-10-24

[21] **2,327,746**  
[13] A1

[51] **Int.Cl. 7E04H 17/06**  
[25] EN  
[54] **CHAIN LINK FENCE ACCESSORY**  
[54] **ACCESSOIRE POUR CLOTURE A MAILLES LOSANGEES**  
[72] HARTL, GEORGE, CA  
[71] HARTL, GEORGE, CA  
[22] 2000-12-06  
[43] 2001-06-07  
[30] US (60/169,480) 1999-12-07

[21] **2,327,763**  
[13] A1

[51] **Int.Cl. 7E04C 3/08**  
[25] EN  
[54] **A METAL ROOF TRUSS**  
[54] **FERME DE TOIT EN METAL**  
[72] SECCOMBE, CAMPBELL JOHN, AU  
[72] HUMPHREY, DAVID WILLIAM, AU  
[71] BHP STEEL (JLA) PTY. LTD., AU  
[22] 2000-12-06  
[43] 2001-06-08  
[30] AU (PQ4540) 1999-12-08

**Demandes canadiennes mises à la disponibilité du public**  
**3 juin 2001 - 9 juin 2001**

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[21] **2,327,773**  
[13] A1

[51] **Int.Cl. 7E21B 43/14 7E21B 29/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR COMPLETING A WELLBORE**  
[54] **METHODE ET APPAREIL POUR EXECUTER UN FORAGE**  
[72] WOLTERS, SEBASTIAN, OM  
[72] MURRAY, DOUGLAS J., US  
[72] MACKENZIE, ALAN, GB  
[71] BAKER HUGHES INCORPORATED, US  
[22] 2000-12-07  
[43] 2001-06-08  
[30] US (60/169,705) 1999-12-08

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[21] **2,327,774**  
[13] A1

[51] **Int.Cl. 7B65G 49/00**  
[25] EN  
[54] **APPARATUS AND PROCESS FOR TRANSPORTING SUPPLEMENTARY PRODUCTS**  
[54] **APPAREIL ET PROCESSUS POUR LE TRANSPORT DE PRODUITS SUPPLEMENTAIRES**  
[72] MULLER, ERWIN, CH  
[72] HANSCH, EGON, CH  
[71] FERAG AG, CH  
[22] 2000-12-06  
[43] 2001-06-07  
[30] CH (1999 2241/99) 1999-12-07

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[21] **2,327,780**  
[13] A1

[51] **Int.Cl. 7E02D 29/02**  
[25] EN  
[54] **RETAINING WALL SYSTEM WITH ANCHOR**  
[54] **MUR DE SOUTENEMENT AVEC DISPOSITIFS D'ANCRAGE**  
[72] RISI, ANTONIO, CA  
[72] RISI, ANGELO, CA  
[71] JAGNA LIMITED, CA  
[22] 2000-12-06  
[43] 2001-06-07  
[30] US (09/456,996) 1999-12-07

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[21] **2,327,813**  
[13] A1

[51] **Int.Cl. 7H04L 29/02**  
[25] EN  
[54] **INFORMATION TERMINAL AND INFORMATION TERMINAL SYSTEM**  
[54] **TERMINAL INFORMATIQUE ET RESEAU DE TERMINAUX INFORMATIQUES**  
[72] ARITAKA, AKITOSHI, JP  
[72] MIYAZAKI, TOMIYA, JP  
[72] OGATA, KEISUKE, JP  
[72] KOGA, NAOKI, JP  
[72] YAHIRO, KAZUO, JP  
[72] TSUJIGAWA, TAKUJI, JP  
[72] TAKEDA, YUTAKA, JP  
[71] MATSUSHITA ELECTRICAL INDUSTRIAL CO., LTD., JP  
[22] 2000-12-06  
[43] 2001-06-07  
[30] JP (11-347133) 1999-12-07  
[30] JP (2000-18457) 2000-01-27  
[30] JP (2000-18459) 2000-01-27

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[21] **2,327,821**  
[13] A1

[51] **Int.Cl. 7B67C 11/00**  
[25] EN  
[54] **TRANSFER FUNNEL**  
[54] **ENTONNOIR DE TRANSFERT**  
[72] ZIEGMANN, NEIL, US  
[71] ZIEGMANN, NEIL, US  
[22] 2000-12-06  
[43] 2001-06-06  
[30] US (09/454,962) 1999-12-06

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[21] **2,327,825**  
[13] A1

[51] **Int.Cl. 7F04B 1/04**  
[25] EN  
[54] **RADIAL PISTON HYDRAULIC ENGINE**  
[54] **MOTEUR HYDRAULIQUE A PISTONS RADIAUX**  
[72] USKI, MATTI, FI  
[71] SANTASALO HYDRAULICS OY, FI  
[22] 2000-12-07  
[43] 2001-06-08  
[30] FI (992631) 1999-12-08

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[21] **2,327,828**  
[13] A1

[51] **Int.Cl. 7B65D 47/34 7A45D 34/00**  
[25] EN  
[54] **SOAP DISPENSING CONTAINER**  
[54] **DISTRIBUTEUR DE SAVON**  
[72] WEBER, HEINZ, CA  
[71] WEBER, HEINZ, CA  
[22] 2000-12-06  
[43] 2001-06-08  
[30] US (60/169,820) 1999-12-08

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[21] **2,327,846**  
[13] A1

[51] **Int.Cl. 7B64F 5/00 7B24B 49/00 7B24B 19/26**  
[25] EN  
[54] **IMPROVED AUTOMATED METHOD AND APPARATUS FOR AIRCRAFT SURFACE FINISHING**  
[54] **METHODE ET APPAREIL AMELIORES POUR POLIR LA SURFACE DES AERONEFS**  
[72] KENNERKNECHT, STEVEN, CA  
[72] FORTIN, SERGE, CA  
[71] NMF CANADA INC., CA  
[22] 2000-12-07  
[43] 2001-06-08  
[30] US (60/169,619) 1999-12-08

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[21] **2,327,855**  
[13] A1

[51] **Int.Cl. 7B23P 15/16 7C03B 37/04**  
[25] EN  
[54] **METHOD OF MAKING SPINNER DISCS FOR ROTARY FIBERIZATION PROCESSES**  
[54] **METHODE DE FABRICATION DE PLATEAUX ROTATIFS POUR PROCESSUS ROTATIFS DE DEFIBRAGE**  
[72] JOHNSON, WALTER ALEXANDER, US  
[71] JOHNS MANVILLE INTERNATIONAL, INC., US  
[22] 2000-12-07  
[43] 2001-06-09  
[30] US (09/458,159) 1999-12-09

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Canadian Laid-Open Applications  
June 3, 2001 - June 9, 2001

[21] **2,327,861**  
[13] A1

[51] **Int.Cl. 7F16H 61/26**  
[25] EN  
[54] **CONTROL SYSTEM FOR AUTOMATIC VEHICLE TRANSMISSIONS**  
[54] **SYSTEME DE COMMANDE DE TRANSMISSIONS AUTOMATIQUES DE VEHICULES**  
[72] MAJIKINA, SHINYA, JP  
[72] FUKUCHI, MASAMITSU, JP  
[72] SAITO, YOSHIHARU, JP  
[72] KON, TAKANORI, JP  
[72] INAGAWA, YASUSHI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-12-07  
[43] 2001-06-09  
[30] JP (11-350889) 1999-12-09

[21] **2,327,867**  
[13] A1

[51] **Int.Cl. 7H01R 9/24**  
[25] EN  
[54] **BLOCK FOR SUPPORTING AT LEAST ONE ELECTRICAL CONNECTION AND A DEVICE FOR SUPPORTING AT LEAST ONE ELECTRICAL CONNECTION**  
[54] **SUPPORT ET DISPOSITIF POUVANT CONTENIR AU MOINS UNE CONNEXION ELECTRIQUE**  
[72] MAGYAR, ROBERT P., US  
[72] MARHEFKA, MATT, US  
[71] MAGYAR, ROBERT P., US  
[22] 2000-12-07  
[43] 2001-06-09  
[30] US (60/169,763) 1999-12-09  
[30] US (09/679,576) 2000-10-05

[21] **2,327,879**  
[13] A1

[51] **Int.Cl. 7F16H 61/26**  
[25] EN  
[54] **CONTROL SYSTEM FOR AUTOMATIC VEHICLE TRANSMISSIONS**  
[54] **SYSTEME DE COMMANDE DE TRANSMISSIONS AUTOMATIQUES DE VEHICULES**  
[72] MAJIKINA, SHINYA, JP  
[72] FUKUCHI, MASAMITSU, JP  
[72] SAITO, YOSHIHARU, JP  
[72] KON, TAKANORI, JP  
[72] INAGAWA, YASUSHI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-12-07  
[43] 2001-06-09  
[30] JP (11-350888) 1999-12-09  
[30] JP (11-350892) 1999-12-09

[21] **2,327,863**  
[13] A1

[51] **Int.Cl. 7H01L 23/34 7H01L 23/58**  
[25] EN  
[54] **CONTROL CIRCUIT FOR SEMICONDUCTOR DEVICE WITH OVERHEAT PROTECTING FUNCTION**  
[54] **CIRCUIT DE COMMANDE POUR SEMICONDUCTEUR AVEC FONCTION DE PROTECTION SURCHAUFFE**  
[72] YAMAJI, SHIGEO, JP  
[71] YAZAKI CORPORATION, JP  
[22] 2000-12-07  
[43] 2001-06-08  
[30] JP (11-348500) 1999-12-08

[21] **2,327,869**  
[13] A1

[51] **Int.Cl. 7H04L 12/18 7H04L 12/42 7H04L 12/56**  
[25] EN  
[54] **BROADCASTING CONTROL SYSTEM AND METHOD IN ATM RING NETWORK**  
[54] **SYSTEME ET METHODE DE COMMANDE DE DIFFUSION DANS UN RESEAU EN ANNEAU EN MTA**  
[72] ABE, TOSHIYUKI, JP  
[72] EBINA, KAZUO, JP  
[71] NEC CORPORATION, JP  
[22] 2000-12-07  
[43] 2001-06-08  
[30] JP (348266/1999) 1999-12-08

[21] **2,327,889**  
[13] A1

[51] **Int.Cl. 7F16H 61/26**  
[25] EN  
[54] **CONTROL SYSTEM FOR AUTOMATIC VEHICLE TRANSMISSIONS**  
[54] **SYSTEME DE COMMANDE DE TRANSMISSIONS AUTOMATIQUES DE VEHICULES**  
[72] SAITO, YOSHIHARU, JP  
[72] FUKUCHI, MASAMITSU, JP  
[72] MAJIKINA, SHINYA, JP  
[72] INAGAWA, YASUSHI, JP  
[72] KON, TAKANORI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 2000-12-07  
[43] 2001-06-09  
[30] JP (11-350890) 1999-12-09  
[30] JP (11-350891) 1999-12-09

[21] **2,327,866**  
[13] A1

[51] **Int.Cl. 7G06F 17/30 7G06F 12/02 7H04L 12/56**  
[25] EN  
[54] **TABLE SEARCHING TECHNIQUE**  
[54] **TECHNIQUE D'INTERROGATION DE TABLES**  
[72] KAMETANI, JUN, JP  
[71] NEC CORPORATION, JP  
[22] 2000-12-07  
[43] 2001-06-08  
[30] JP (348422/1999) 1999-12-08

[21] **2,327,871**  
[13] A1

[51] **Int.Cl. 7H04L 12/20 7H04N 7/15**  
[25] EN  
[54] **IMAGE TRANSMITTING SYSTEM FOR TRANSMITTING DYNAMIC IMAGE DATA**  
[54] **SYSTEME DE TRANSMISSION DE PREMIERS PLANS D'IMAGES**  
[72] EBINA, KAZUO, JP  
[72] EJIRI, SATORU, JP  
[71] NEC CORPORATION, JP  
[22] 2000-12-07  
[43] 2001-06-08  
[30] JP (11-348265) 1999-12-08

**Demandes canadiennes mises à la disponibilité du public**

**3 juin 2001 - 9 juin 2001**

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[21] **2,327,895**  
[13] A1

[51] **Int.Cl. 7H04L 9/28**  
[25] EN  
[54] **METHOD AND SYSTEM FOR GENERATING MESSAGES INCLUDING A VERIFIABLE ASSERTION THAT A VARIABLE IS WITHIN PREDETERMINED LIMITS**  
[54] **METHODE ET SYSTEME DE GENERATION DE MESSAGES, Y COMPRIS UNE AFFIRMATION VERIFIABLE QU'UNE VARIABLE SE TROUVE DANS LES LIMITES PREDETERMINEES**  
[72] CORDERY, ROBERT A., US  
[71] PITNEY BOWES INC., US  
[22] 2000-12-08  
[43] 2001-06-09  
[30] US (09/456,695) 1999-12-09

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[21] **2,327,913**  
[13] A1

[51] **Int.Cl. 7E06B 9/38**  
[25] EN  
[54] **HEADRAIL FOR CUT DOWN VENETIAN TYPE BLINDS**  
[54] **RAIL DE RETENUE POUR STORES DU TYPE VENETIEN, POUVANT ETRE RACCOURCI**  
[72] ROSS, LUDWIG NICHOLAS, US  
[72] SWOPES, CLETIS F., US  
[71] JUDKINS, REN, US  
[71] SPRINGS WINDOW FASHIONS DIVISION, INC., US  
[22] 2000-12-08  
[43] 2001-06-09  
[30] US (09/457,553) 1999-12-09

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[21] **2,327,914**  
[13] A1

[51] **Int.Cl. 7A01C 7/20**  
[25] EN  
[54] **APPARATUS FOR VARYING THE RATE OF SEED POPULATION**  
[54] **APPAREIL POUR VARIER LE TAUX DE POPULATION DE SEMIS**  
[72] HUFFMEYER, EDWARD H., US  
[71] HUFFMEYER, EDWARD H., US  
[22] 2000-12-08  
[43] 2001-06-08  
[30] US (60/169,637) 1999-12-08  
[30] US (60/237,753) 2000-10-03

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[21] **2,327,915**  
[13] A1

[51] **Int.Cl. 7G05D 16/20 7G01L 23/08**  
[25] EN  
[54] **PROCESS AND FIXTURE FOR ASCERTAINING PRESSURE LOSSES**  
[54] **PROCEDE ET DISPOSITIF POUR DETERMINER LES PERTES DE PRESSION**  
[72] UHRIG, WOLFGANG, DE  
[71] INNOVATHERM PROF. DR. LEISENBERG GMBH & CO. KG, DE  
[22] 2000-12-08  
[43] 2001-06-08  
[30] DE (199 59 115.6-24) 1999-12-08

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[21] **2,327,916**  
[13] A1

[51] **Int.Cl. 7A47J 27/00**  
[25] EN  
[54] **NON-STICK CERAMIC SLOW-COOKER AND METHOD FOR MAKING THE SAME**  
[54] **MIJOTEUSE EN CERAMIQUE ANTIADHESIVE ET METHODE DE FABRICATION**  
[72] TOMAN, JOSEPH G., US  
[71] PREMARK WB HOLDINGS, INC., US  
[22] 2000-12-08  
[43] 2001-06-08  
[30] US (09/457,240) 1999-12-08

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[21] **2,327,919**  
[13] A1

[51] **Int.Cl. 7H04M 11/06 7H04L 12/66**  
[25] EN  
[54] **INTERNAL LINE CONTROL SYSTEM**  
[54] **SYSTEME DE GESTION DES LIGNES INTERNES**  
[72] OTSUKA, KIYOKAZU, JP  
[71] NEC CORPORATION, JP  
[22] 2000-12-08  
[43] 2001-06-09  
[30] JP (11-350092) 1999-12-09

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[21] **2,327,930**  
[13] A1

[51] **Int.Cl. 7H04L 12/56 7H04Q 11/04**  
[25] EN  
[54] **MULTI-RATE ATM SWITCHING SYSTEM AND METHOD**  
[54] **SYSTEME ET METHODE DE CONNEXION ATM A VITESSES MULTIPLES**  
[72] MATSUMURA, KENJI, JP  
[71] NEC CORPORATION, JP  
[22] 2000-12-08  
[43] 2001-06-09  
[30] JP (350778/1999) 1999-12-09

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[21] **2,327,932**  
[13] A1

[51] **Int.Cl. 7B65G 69/20**  
[25] EN  
[54] **METHOD OF TRANSPORTING AND DELIVERING SUBSTANCES**  
[54] **METHODE POUR TRANSPORTER ET LIVRER DES SUBSTANCES**  
[72] RUMPH, ROBERT, US  
[71] THE MAITLAND COMPANY, US  
[22] 2000-12-08  
[43] 2001-06-08  
[30] US (09/456,444) 1999-12-08

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[21] **2,327,942**  
[13] A1

[51] **Int.Cl. 7B65D 6/26**  
[25] EN  
[54] **COLLAPSIBLE CONTAINER**  
[54] **CONTENEUR REPLIABLE**  
[72] RAGHUNATHAN, NARAYAN, CA  
[72] OGDEN, DON M. U., CA  
[72] KLEIN, JAMES HOWARD, US  
[72] LAZARSKI, DAVID ANTHONY, US  
[71] NORSEMAN PLASTICS LIMITED, CA  
[22] 2000-12-08  
[43] 2001-06-09  
[30] US (09/457,527) 1999-12-09

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Canadian Laid-Open Applications  
June 3, 2001 - June 9, 2001

[21] 2,327,943  
[13] A1

[51] **Int.Cl. 7H04L 9/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR SUPPRESSING CONDUCTED EMISSIONS BY A CRYPTOGRAPHIC DEVICE COMPRISING AN INTEGRATED CIRCUIT**  
[54] **SYSTEME ET METHODE DE SUPPRESSION D'EMISSIONS PAR UN CONDUCTION PRODUITES PAR UN DISPOSITIF DE CRYPTOGRAPHIE COMPRENANT UN CIRCUIT INTEGRE**  
[72] RYAN, FREDERICK W., JR., US  
[72] WEIANT, MONROE A., JR., US  
[72] TWAROG, EDWARD J., US  
[71] PITNEY BOWES INC., US  
[22] 2000-12-08  
[43] 2001-06-09  
[30] US (09/458,638) 1999-12-09

[21] 2,327,949  
[13] A1

[51] **Int.Cl. 7C22B 11/00 7C22B 3/00**  
[25] EN  
[54] **PROCESS AND COMPOSITION FOR REMOVING PRECIOUS METALS FROM ACTIVATED CARBON**  
[54] **PROCESSUS ET COMPOSITION POUR ENLEVER DES METAUX PRECIEUX DE CHARBON ACTIVE**  
[72] KAMPS, MARTIN LEE, US  
[71] ASHLAND INC., US  
[22] 2000-12-08  
[43] 2001-06-09  
[30] US (09/457,592) 1999-12-09

[21] 2,327,974  
[13] A1

[51] **Int.Cl. 7G06F 1/26**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PREVENTING DIFFERENTIAL POWER ANALYSIS ATTACKS (DPA) ON A CRYPTOGRAPHIC DEVICE**  
[54] **SYSTEME ET METHODE D'EMPECHEMENT D'ATTAQUES D'ANALYSE DE POUVOIR DIFFERENTIEL (APD) SUR UNE DISPOSITIF DE CRYPTOGRAPHIE**  
[72] RYAN, FREDERICK W., JR., US  
[71] PITNEY BOWES INC., US  
[22] 2000-12-08  
[43] 2001-06-09  
[30] US (09/455,015) 1999-12-09

[21] 2,327,977  
[13] A1

[51] **Int.Cl. 7H01P 1/202**  
[25] EN  
[54] **LOW PIM COAXIAL DIPLEXER INTERFACE**  
[54] **FAIBLE MODULE D'INTERFACE DIPLEXEUR COAXIAL D'INTERMODULATION PASSIVE (IMP)**  
[72] KICH, ROLF, US  
[72] HENDRICK, LOUIS W., US  
[72] REYNOLDS, ROBERT L., US  
[71] THE BOEING COMPANY, US  
[22] 2000-12-08  
[43] 2001-06-09  
[30] US (09/458,260) 1999-12-09

[21] 2,327,987  
[13] A1

[51] **Int.Cl. 7E21B 33/04**  
[25] EN  
[54] **WELLHEAD WITH IMPROVED ESP CABLE PACK-OFF AND METHOD**  
[54] **TETE DE Puits AVEC GARNITURE D'ETANCHEITE AMELIOREE POUR CABLES ELECTRIQUES SUBMERSIBLES ET METHODE DE FABRICATION**  
[72] CLIFTON, TIMOTHY LEWIS, US  
[72] MILTON, CHARLES ROBERT, US  
[72] SMITH, LESLIE DEAN, US  
[72] WINEGAR, ROBERT DANIEL, US  
[71] ROBBINS & MYERS ENERGY SYSTEMS, L.P., US  
[22] 2000-12-08  
[43] 2001-06-08  
[30] US (60/169,738) 1999-12-08  
[30] US (09/733,163) 2000-12-08

[21] 2,327,990  
[13] A1

[51] **Int.Cl. 7F16L 55/28**  
[25] EN  
[54] **PIPELINE PIGS**  
[54] **RACLEURS DE PIPELINE**  
[72] COUCHMAN, PETER ALLAN, GB  
[72] MAUGHAN, DAVID CARL, GB  
[71] PII LIMITED, GB  
[22] 2000-12-08  
[43] 2001-06-08  
[30] GB (9929058.7) 1999-12-08

[21] 2,327,993  
[13] A1

[51] **Int.Cl. 7F16L 55/28**  
[25] EN  
[54] **PIPELINE PIGS**  
[54] **RACLEURS DE PIPELINE**  
[72] COUCHMAN, PETER ALLAN, GB  
[72] MAUGHAN, DAVID CARL, GB  
[72] HOULDEY, PETER, GB  
[72] EASTON, ERIC, GB  
[71] PII LIMITED, GB  
[22] 2000-12-08  
[43] 2001-06-08  
[30] GB (9929060.3) 1999-12-08

[21] 2,327,997  
[13] A1

[51] **Int.Cl. 7A01D 41/12**  
[25] EN  
[54] **INTAKE AND PLUCKING ARRANGEMENT AS WELL AS A HARVESTING MACHINE**  
[54] **INSTALLATIONS DE RECEPTION ET DE CUEILLETTE, AINSI QU'UNE MACHINE DE RECOLTE**  
[72] WOLTERS, NORBERT, DE  
[72] WUBBELS, RICHARD, DE  
[71] MASCHINENFABRIK KEMPER GMBH & CO KG, DE  
[22] 2000-12-08  
[43] 2001-06-09  
[30] DE (199 59 338.8) 1999-12-09

[21] 2,328,025  
[13] A1

[51] **Int.Cl. 7A23L 2/52 7A61K 7/02 7A61K 7/043 7A61K 31/07 7A61K 7/075 7A61K 31/122 7A61K 31/22 7A23L 1/302 7A61K 31/355 7A61K 31/59**  
[25] EN  
[54] **COMPOSITIONS CONTAINING FAT-SOLUBLE VITAMINS**  
[54] **COMPOSITIONS CONTENANT DES VITAMINES LIPOSOLUBLES**  
[72] CHEN, CHYI-CHENG, CH  
[72] LEUENBERGER, BRUNO, CH  
[71] F. HOFFMAN-LA ROCHE AG, CH  
[22] 2000-12-08  
[43] 2001-06-09  
[30] EP (99124519.2) 1999-12-09

**Demandes canadiennes mises à la disponibilité du public**  
**3 juin 2001 - 9 juin 2001**

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[21] **2,328,038**  
[13] A1

[51] **Int.Cl. 7B65G 69/20 7B01F 13/00**  
[25] EN  
[54] **APPARATUS FOR TRANSPORTING AND DELIVERING SUBSTANCES**  
[54] **APPAREIL POUR TRANSPORTER ET LIVRER DES SUBSTANCES**  
[72] RUMPH, ROBERT, US  
[71] THE MAITLAND COMPANY, US  
[22] 2000-12-08  
[43] 2001-06-08  
[30] US (09/456,443) 1999-12-08

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[21] **2,328,039**  
[13] A1

[51] **Int.Cl. 7C23C 22/07 7C23C 22/82**  
[25] EN  
[54] **METHOD FOR RECOVERY OF AQUEOUS WASH IN PHOSPHATE CHEMICAL CONVERSION AND APPARATUS FOR METAL SURFACE TREATMENT**  
[54] **METHODE POUR RECUPERER L'EAU DE LESSIVE DANS LA CONVERSION CHIMIQUE DES PHOSPHATES ET APPAREIL POUR TRAITER LA SURFACE DES METAUX**  
[72] MORITA, HIDEAKI, JP  
[72] TADA, NAOKI, JP  
[72] KAWASHIMA, TOSHIYUKI, JP  
[72] SHIRAISHI, SYOJI, JP  
[72] CHIHARA, HIROSHI, JP  
[72] OHASHI, YUTAKA, JP  
[72] SHIRAHATA, SEIICHIRO, JP  
[71] NIPPON PAINT CO., LTD., JP  
[22] 2000-12-08  
[43] 2001-06-09  
[30] JP (11-350524) 1999-12-09

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[21] **2,328,043**  
[13] A1

[51] **Int.Cl. 7H03M 7/30**  
[25] EN  
[54] **DATA COMPRESSION SYSTEM, DATA DECOMPRESSION SYSTEM, SUPERVISORY CONTROL SYSTEM AND COMPUTER-READABLE STORAGE MEDIUM**  
[54] **SYSTEME DE COMPRESSION DE DONNEES, SYSTEME DE DECOMPRESSION DE DONNEES, SYSTEME DE SUPERVISION ET SUPPORT DE STOCKAGE LISIBLE PAR UN ORDINATEUR**  
[72] SHINOHARA, WATARO, JP  
[72] TAKAGI, YASUO, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 2000-12-11  
[43] 2001-06-09  
[30] JP (350388/1999) 1999-12-09

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[21] **2,328,047**  
[13] A1

[51] **Int.Cl. 7C11D 1/72 7C11D 17/06 7C11D 1/83**  
[25] EN  
[54] **PRODUCING COMPACTED PARTICLES**  
[54] **FABRICATION DE PARTICULES COMPRIMEES**  
[72] RAEHSE, WILFRIED, DE  
[72] WEBER, HENRIETTE, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[22] 2000-12-08  
[43] 2001-06-08  
[30] DE (199 59 002.8) 1999-12-08

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[21] **2,328,048**  
[13] A1

[51] **Int.Cl. 7A63B 71/06**  
[25] EN  
[54] **ELECTRONIC SCOREKEEPING DEVICE AND SYSTEM THEREFOR**  
[54] **DISPOSITIF ELECTRONIQUE DE CONSERVATION DE RESULTATS ET SYSTEME POUR UN TEL DISPOSITIF**  
[72] MACPHERSON, RAY, CA  
[71] HOCKEYLINE INC., CA  
[22] 2000-12-11  
[43] 2001-06-03

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[21] **2,328,049**  
[13] A1

[51] **Int.Cl. 7D06M 13/432**  
[25] EN  
[54] **TREATMENT COMPOSITION WHICH PROVIDES ANTI-WRINKLING PROPERTIES TO TEXTILES**  
[54] **COMPOSITION QUI TRAITE LES TISSUS DE FACON A LEUR DONNER DES PROPRIETES D'ANTI-FROISSEMENT**  
[72] RODRIGUES, KLEIN A., US  
[72] KIELBANIA, ANDREW J., JR., US  
[72] GOODSON, SUSANNE, US  
[72] GORE, CHRISTOPHER G., US  
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[22] 2000-12-08  
[43] 2001-06-08  
[30] US (09/456,358) 1999-12-08

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[21] **2,328,053**  
[13] A1

[51] **Int.Cl. 7A61L 24/10**  
[25] EN  
[54] **PHOTO-CURING TISSUE ADHESIVE**  
[54] **ADHESIF PHOTOPOLYMERISABLE POUR TISSUS ORGANIQUES**  
[72] MATSUDA, TAKEHISA, JP  
[72] NAKAYAMA, YASUHIDE, JP  
[72] TSUTSUI, NOBUMASA, JP  
[71] MATSUDA, TAKEHISA, JP  
[71] NAKAYAMA, YASUHIDE, JP  
[71] K.K. VAYU, JP  
[22] 2000-12-11  
[43] 2001-06-09  
[30] JP (11-350269) 1999-12-09

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[21] **2,328,281**  
[13] A1

[51] **Int.Cl. 7H05K 5/00**  
[25] EN  
[54] **ELECTRICAL DEVICE**  
[54] **APPAREIL ELECTRIQUE**  
[72] LINSTROM, HANS-JURGEN, DE  
[72] BACH, JOSEF, DE  
[72] BARLIAN, REINHOLD, DE  
[71] BARTEC COMPONENTEN UND SYSTEME GMBH, DE  
[22] 2000-12-11  
[43] 2001-06-09  
[30] DE (199 59 384.1) 1999-12-09

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Canadian Laid-Open Applications  
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[21] **2,328,553**

[13] A1

[51] **Int.Cl. 7C07D 265/36 7A61P 25/00  
7C07D 413/12 7C07D 417/12 7C07D 279/  
16 7A61K 31/538 7A61K 31/5415**

[25] FR

[54] **NOUVEAUX DERIVES (DIHYDRO)  
BENZOXAZINIQUES ET (DIHYDRO)  
BENZOTHIAZINIQUES SUBSTITUES,  
LEUR PROCEDURE DE PREPARATION  
ET LES COMPOSITIONS  
PHARMACEUTIQUES QUI LES  
CONTIENNENT**

[54] **NOVEL DERIVATIVES**

**(DIHYDRO)BENZOXAZINE AND  
(DIHYDRO)BENZOTHIAZINE  
SUBSTITUTES, PROCESS FOR  
PREPARING THEM AND  
PHARMACEUTICAL COMPOSITIONS  
CONTAINING THEM**

[72] DELAGRANGE, PHILIPPE, FR

[72] VIAUD, MARIE-CLAUDE, FR

[72] BENNEJEAN, CAROLINE, FR

[72] RENARD, PIERRE, FR

[72] DAUBOS, PHILIPPE, FR

[72] GUILLAUMET, GERALD, FR

[71] ADIR ET COMPAGNIE, FR

[22] 2000-12-06

[43] 2001-06-06

[30] FR (99/15309) 1999-12-06

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[21] **2,339,685**

[13] A1

[51] **Int.Cl. 7E21B 37/00**

[25] EN

[54] **WELLSITE INERT GAS**

**GENERATOR**

[54] **GENERATEUR DE GAZ INERTE  
D'UN FORAGE**

[72] ERICK, LEONARD LARRY, CA

[71] COIL-TECH SERVICES LTD., CA

[22] 2001-03-02

[43] 2001-06-05

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[21] **2,339,749**

[13] A1

[51] **Int.Cl. 7F24H 1/00 7E04H 4/14**

[25] FR

[54] **VOLCAN**

[54] **VOLCAN POOL HEATER**

[72] POULIN, DANY, CA

[72] BOURBEAU, MARIE-JOSEE, CA

[71] POULIN, DANY, CA

[71] BOURBEAU, MARIE-JOSEE, CA

[22] 2001-03-22

[43] 2001-06-05

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[21] **2,339,527**

[13] A1

[51] **Int.Cl. 7E04F 11/02**

[25] FR

[54] **SUPPORT DE MARCHE**

**AJUSTABLE**

[54] **ADJUSTABLE SUPPORT FOR  
STEPS**

[72] GOBEIL, ERIC, CA

[71] GOBEIL, ERIC, CA

[22] 2001-03-08

[43] 2001-06-04

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[21] **2,339,684**

[13] A1

[51] **Int.Cl. 7F04F 3/00 7E21B 37/00**

[25] EN

[54] **DOWNHOLE JET PUMP**

[54] **POMPE A JET POUR FOND DE  
PUITS**

[72] ERICK, LEONARD LARRY, CA

[71] COIL-TECH SERVICES LTD., CA

[22] 2001-03-02

[43] 2001-06-05

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[21] **2,332,845**  
[13] A1  
[51] **Int.Cl. 7C02F 1/44 7B01D 63/02 7B01D 65/02 7B01D 69/08**  
[25] EN  
[54] **METHOD FOR PURIFYING TURBID WATER**  
[54] **PROCEDE D'EPURATION D'EAU TROUBLE**  
[72] TANIGUCHI, TOHRU, JP  
[72] OTOYO, TAKEHIKO, JP  
[72] SUGA, NOBUHIKO, JP  
[71] ASAHI KASEI KOGYO KABUSHIKI KAISHA, JP  
[85] 2000-11-20  
[86] 2000-04-17 (PCT/JP00/02479)  
[87] 2000-10-26 (WO00/63122)  
[30] JP (11/112577) 1999-04-20  
[30] JP (11/223552) 1999-08-06

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[21] **2,337,762**  
[13] A1  
[51] **Int.Cl. 7C07H 21/00 7C12Q 1/68**  
[25] EN  
[54] **METAL ION-BINDING MASS MARKERS FOR NUCLEIC ACIDS**  
[54] **MARQUEURS DE MASSE POUR ACIDES NUCLEIQUES SE LIANT A DES IONS METALLIQUES**  
[72] JOHNSTONE, ROBERT ALEXANDER WALKER, GB  
[72] THOMPSON, ANDREW HUGIN, GB  
[72] SCHMIDT, GUNTER, GB  
[71] BRAX GROUP LIMITED, GB  
[85] 2001-01-12  
[86] 1999-07-13 (PCT/GB99/02246)  
[87] 2000-01-20 (WO00/02893)  
[30] GB (9815166.5) 1998-07-13

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[21] **2,338,669**  
[13] A1  
[51] **Int.Cl. 7A01G 27/04 7A01G 9/02**  
[25] EN  
[54] **PLANT POT**  
[54] **POT A FLEURS**  
[72] VAN DEN ENDE, PETER HUBERTUS ELIZABETH, NL  
[71] VAN DEN ENDE, PETER HUBERTUS ELIZABETH, NL  
[85] 2001-01-26  
[86] 1999-07-19 (PCT/NL99/00465)  
[87] 2000-02-10 (WO00/05939)  
[30] NL (1009780) 1998-07-31

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[21] **2,338,731**  
[13] A1  
[51] **Int.Cl. 7F16L 55/165**  
[25] EN  
[54] **METHOD FOR REDEVELOPING OR RENOVATING SEWER DRAINS AND SEWER DUCTS**  
[54] **PROCEDE POUR ASSAINIR ET RENOVER DES CONDUITES ET DES CANALISATION D'EAUX RESIDUAIRES**  
[72] BURGER, JOACHIM, IE  
[71] BURGER, JOACHIM, IE  
[85] 2001-01-22  
[86] 1999-07-21 (PCT/EP99/05213)  
[87] 2000-02-10 (WO00/06932)  
[30] DE (198 33 885.6) 1998-07-28

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[21] **2,339,818**  
[13] A1  
[51] **Int.Cl. 7F04D 1/00 7F01P 5/10**  
[25] EN  
[54] **FLUID PUMP**  
[54] **POMPE A LIQUIDES**  
[72] LARCHE, BRIAN K., US  
[72] DEGRAVE, KENNETH A., US  
[72] ALLEN, DAVID J., US  
[71] ENGINEERED MACHINED PRODUCTS, US  
[85] 2001-02-07  
[86] 1999-08-02 (PCT/US99/17477)  
[87] 2000-02-24 (WO00/09886)  
[30] US (09/133,153) 1998-08-12

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[21] **2,341,274**  
[13] A1  
[51] **Int.Cl. 7C08J 9/22 7C08L 25/04 7C08J 9/228**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF EXPANDED POLYVINYLARENE PARTICLES**  
[54] **PROCEDE DE PREPARATION DE PARTICULES DE POLYVINYLARENE EXPANSEES**  
[72] METSAARS, ALPHONSUS CATHARINA GERARDUS, NL  
[72] BLEIJENBERG, KAREL CORNELIS, NL  
[72] BERGHMANS, MICHEL FLORENTINE JOZEF, NL  
[71] NOVA CHEMICALS CORPORATION, CA  
[85] 2001-02-20  
[86] 1999-09-14 (PCT/EP99/06996)  
[87] 2000-03-23 (WO00/15704)  
[30] EP (98203097.5) 1998-09-16

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[21] **2,342,831**  
[13] A1  
[51] **Int.Cl. 7C12N 15/00**  
[25] EN  
[54] **A PLANT LONG CHAIN FATTY ACID BIOSYNTHETIC ENZYME**  
[54] **ENZYME BIOSYNTHETIQUE D'ACIDES GRAS A CHAINES LONGUES DE PLANTES**  
[72] KUNST, LJERKA, CA  
[72] CLEMENS, SABINE, CA  
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA  
[85] 2001-03-16  
[86] 2000-07-21 (PCT/CA00/00860)  
[87] 2001-02-01 (WO01/07586)  
[30] US (60/145,013) 1999-07-22



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[21] **2,342,833**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/28 7C12Q 1/68 7C07K 14/705 7C07K 14/72**  
[25] EN  
[54] **HUMAN GPCR PROTEINS**  
[54] **PROTEINES GPCR HUMAINES**  
[72] GORGONE, GINA A., US  
[72] BAUGHN, MARIAH R., US  
[72] CORLEY, NEIL C., US  
[72] TANG, Y. TOM, US  
[72] GUEGLER, KARL J., US  
[72] LAL, PREETI, US  
[72] BANDMAN, OLGA, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2001-03-16  
[86] 1999-09-17 (PCT/US99/20958)  
[87] 2000-03-23 (WO00/15793)  
[30] US (09/156,513) 1998-09-17

[21] **2,342,834**  
[13] A1

[51] **Int.Cl. 6A61K 38/17 6A61K 38/22**  
[25] EN  
[54] **PREVENTIVE AND/OR THERAPEUTIC FOR OBESITY**  
[54] **AGENT THERAPEUTIQUE ET/OU POUR LA PREVENTION DE L'OBESITE**  
[72] TOMOYASU, AKIHIRO, JP  
[72] YAMAGUCHI, KYOJI, JP  
[72] KINOSAKI, MASAHIKO, JP  
[72] NAKAGAWA, NOBUAKI, JP  
[72] GOTO, MASAOKI, JP  
[71] SNOW BRAND MILK PRODUCTS CO., LTD., JP  
[85] 2001-03-16  
[86] 1999-09-17 (PCT/JP99/05080)  
[87] 2000-03-30 (WO00/16795)  
[30] JP (10/263004) 1998-09-17

[21] **2,343,258**  
[13] A1

[51] **Int.Cl. 6A61M 29/00**  
[25] EN  
[54] **RETRIEVAL DEVICES FOR VENA CAVA FILTER**  
[54] **DISPOSITIFS DE RECUPERATION POUR FILTRE A VEINE CAVE**  
[72] SUON, NAROUN, US  
[72] WELDON, JAMES, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2001-03-09  
[86] 1999-09-24 (PCT/US99/22197)  
[87] 2000-03-30 (WO00/16846)  
[30] US (60/101,616) 1998-09-24  
[30] US (09/404,116) 1999-09-23

[21] **2,343,316**  
[13] A1

[51] **Int.Cl. 7C08G 18/48**  
[25] EN  
[54] **LOW RESILIENCE, LOW FREQUENCY MOLDED POLYURETHANE FOAM**  
[54] **MOUSSE POLYURETHANNE MOULEE A FAIBLE RESILIENCE ET BASSE FREQUENCE**  
[72] THOMPSON, ANDREW M., US  
[72] KRISHER, DANIEL P., US  
[72] KINKELAAR, MARK R., US  
[71] BAYER ANTWERPEN N.V., BE  
[85] 2001-03-09  
[86] 1999-08-20 (PCT/EP99/06115)  
[87] 2000-03-30 (WO00/17836)  
[30] US (09/154,650) 1998-09-17

[21] **2,343,577**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 16/18 7C07K 14/47 7C12N 15/62**  
[25] EN  
[54] **SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME**  
[54] **POLYPEPTIDES SECRETES ET TRANSMEMBRANAIRES ET ACIDES NUCLEIQUES CODANT POUR CES POLYPEPTIDES**  
[72] CHEN, JIAN, US  
[72] GODDARD, AUDREY, US  
[72] GURNEY, AUSTIN L., US  
[72] YUAN, JEAN, US  
[72] WOOD, WILLIAM I., US  
[72] HILLAN, KENNETH, US  
[72] PENNICA, DIANE, US  
[71] GENENTECH, INC., US  
[85] 2001-03-16  
[86] 1999-09-15 (PCT/US99/21090)  
[87] 2000-03-23 (WO00/15796)  
[30] US (PCT/US98/19330) 1998-09-16

[21] **2,343,578**  
[13] A1

[51] **Int.Cl. 7C12N 9/00 7A61K 38/45**  
[25] EN  
[54] **HUMAN SERINE/THREONINE PROTEIN KINASES**  
[54] **SERINE/THREONINE PROTEINES-KINASES**  
[72] BANDMAN, OLGA, US  
[72] TANG, Y. TOM, US  
[72] HILLMAN, JENNIFER L., US  
[72] GOLI, SURYA K., US  
[72] CORLEY, NEIL C., US  
[72] GORGONE, GINA A., US  
[72] GUEGLER, KARL J., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2001-03-15  
[86] 1999-09-16 (PCT/US99/21595)  
[87] 2000-03-23 (WO00/15770)  
[30] US (09/153,939) 1998-09-16

[21] **2,343,579**  
[13] A1

[51] **Int.Cl. 7A61K 38/17 7C07K 16/28 7A61K 39/395 7C07K 14/705**  
[25] EN  
[54] **METHODS OF TREATING MULTIPLE MYELOMA AND MYELOMA-INDUCED BONE RESORPTION USING INTEGRIN ANTAGONISTS**  
[54] **TRAITEMENT DU MYELOME MULTIPLE ET DE LA RESORPTION OSSEUSE PROVOQUEE PAR LE MYELOME AU MOYEN D'ANTAGONISTES DE L'INTERACTION -CAM-1/VLA-4**  
[72] MUNDY, GREGORY R., US  
[72] YONEDA, TOSHIYUKI, US  
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US  
[85] 2001-03-13  
[86] 1999-09-13 (PCT/US99/21170)  
[87] 2000-03-23 (WO00/15247)  
[30] US (60/100,182) 1998-09-14

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[21] **2,343,713**  
[13] A1

[51] **Int.Cl. 7A61K 38/48 7A61P 19/00 7A01K 67/027**  
[25] EN  
[54] **USE OF PEX IN THE TREATMENT OF METABOLIC BONE DISEASES**  
[54] **UTILISATION DE PEX DANS LE TRAITEMENT DE MALADIES METABOLIQUES DES OS**  
[72] GOLTZMAN, DAVID, CA  
[72] LIPMAN, MARK L., CA  
[72] HENDERSON, JANET E., CA  
[72] KARAPLIS, ANDREW C., CA  
[71] MCGILL UNIVERSITY, CA  
[85] 2001-03-23  
[86] 1999-09-27 (PCT/CA99/00895)  
[87] 2000-04-06 (WO00/18954)  
[30] CA (2,245,903) 1998-09-28

[21] **2,343,714**  
[13] A1

[51] **Int.Cl. 7C12N 15/29 7A01H 5/00 7C12P 21/02 7C12N 5/10 7C12N 1/21 7C07K 14/415**  
[25] EN  
[54] **HOMEBOX GENES ENCODING PROTEINS PARTICIPATING IN DIFFERENTIATION**  
[54] **GENES DE BOITE HOMEOTIQUE CODANT DES PROTEINES PARTICIPANT A LA DIFFERENTIATION**  
[72] KAKIMOTO, TATSUO, JP  
[71] SUNTORY LIMITED, JP  
[85] 2001-03-21  
[86] 2000-07-21 (PCT/JP00/04904)  
[87] 2001-02-01 (WO01/07618)  
[30] JP (11/207995) 1999-07-22

[21] **2,343,715**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12P 21/02 7C12N 1/13 7C07K 14/495 7C12N 15/64**  
[25] EN  
[54] **NEW HUMAN GROWTH DIFFERENTIATION FACTOR ENCODING SEQUENCE AND POLYPEPTIDE ENCODED BY SUCH DNA SEQUENCE AND PRODUCING METHOD THEREOF**  
[54] **SEQUENCE CODANTE POUR UN NOUVEAU FACTEUR DE DIFFERENCIATION DE LA CROISSANCE D'ORIGINE HUMAINE ET POLYPEPTIDE CODE PAR CETTE SEQUENCE D'ADN, ET METHODE DE PRODUCTION CORRESPONDANTE**  
[72] ZHANG, HONGLAI, CN  
[72] FU, QIANG, CN  
[72] ZHAO, SHOUYUAN, CN  
[72] DAI, FANGYAN, CN  
[72] YU, LONG, CN  
[71] YU, LONG, CN  
[85] 2001-03-21  
[86] 1999-09-06 (PCT/CN99/00138)  
[87] 2000-03-30 (WO00/17350)  
[30] CN (98 1 19759.0) 1998-09-22

[21] **2,343,716**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/00 7C07K 14/00 7C12N 5/10 7C12N 15/10 7A61K 38/16 7C07K 14/47 7C12N 15/63**  
[25] EN  
[54] **CONTORTROSTATIN (CN) AND METHODS FOR ITS USE IN PREVENTING METASTASIS AND OTHER CONDITIONS**  
[54] **CONTORTROSTATINE (CN) ET PROCEDES RELATIFS A SON UTILISATION POUR PREVENIR LA METASTASE ET D'AUTRES AFFECTIONS**  
[72] MARKLAND, FRANCIS S., JR., US  
[72] ZHOU, QING, US  
[71] THE UNIVERSITY OF SOUTHERN CALIFORNIA, US  
[85] 2001-03-27  
[86] 1999-09-29 (PCT/US99/22608)  
[87] 2000-04-06 (WO00/18421)  
[30] US (09/163,047) 1998-09-29

[21] **2,343,717**  
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A01H 5/00 6C12N 5/10 6C12N 15/29 6C07K 14/415**  
[25] EN  
[54] **BETTER EMERGENCE CHARACTERISTICS AND IMPROVED SEEDLING GROWTH UNDER LOW-LIGHT ENVIRONMENTS**  
[54] **VEGETAUX ET CELLULES VEGETALES CODANT POUR LE GENE COP1 DE TYPE SAUVAGE ET POUR LE DOMAINE COIL DE CELUI-CI**  
[72] MCNELLIS, TIMOTHY, US  
[72] DENG, XING WANG, US  
[72] TORII, KEIKO, US  
[71] YALE UNIVERSITY, US  
[85] 2001-03-20  
[86] 1999-09-27 (PCT/US99/22403)  
[87] 2000-04-06 (WO00/18940)  
[30] US (60/101,992) 1998-09-28

[21] **2,343,718**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 14/47 7C12N 15/63**  
[25] EN  
[54] **HUMAN CHAPERONE PROTEINS**  
[54] **PROTEINES CHAPERONS HUMAINES**  
[72] BAUGHN, MARIAH R., US  
[72] BATRA, SAJEEV, US  
[72] PATTERSON, CHANDRA, US  
[72] YUE, HENRY, US  
[72] HILLMAN, JENNIFER L., US  
[72] TANG, Y. TOM, US  
[71] INCYTE GENOMICS, INC., US  
[85] 2001-03-21  
[86] 1999-09-22 (PCT/US99/22027)  
[87] 2000-03-30 (WO00/17358)  
[30] US (60/172,221) 1998-09-22  
[30] US (09/233,291) 1999-01-19  
[30] US (UNKNOWN) 1999-01-19  
[30] US (60/172,232) 1999-04-19

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[21] **2,343,719**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C12P 21/02 7C12N 1/13 7C07K 14/475 7C12N 15/64**  
[25] EN  
[54] **NEW HUMAN HEPATOMA-DERIVED GROWTH FACTOR ENCODING SEQUENCE AND POLYPEPTIDE ENCODED BY SUCH DNA SEQUENCE AND PRODUCING METHOD THEREOF**  
[54] **NOUVELLE SEQUENCE CODANT POUR LE FACTEUR DE CROISSANCE DERIVE DE L'HEPATOME HUMAIN ET POLYPEPTIDE CODE PAR CETTE SEQUENCE D'ADN, ET PROCEDE DE PRODUCTION DE CEUX-CI**  
[72] YU, LONG, CN  
[72] TU, QIANG, CN  
[72] ZHANG, HONGLAI, CN  
[72] ZHAO, YONG, CN  
[72] FU, QIANG, CN  
[71] YU, LONG, CN  
[85] 2001-03-21  
[86] 1999-09-06 (PCT/CN99/00139)  
[87] 2000-03-30 (WO00/17351)  
[30] CN (98 1 19758.2) 1998-09-22

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[21] **2,343,720**  
[13] A1  
[51] **Int.Cl. 7C07K 16/40 7C12P 21/08 7A61K 39/395 7G01N 33/53**  
[25] EN  
[54] **NOVEL ANTIBODIES, DRUGS CONTAINING THESE ANTIBODIES AND METHODS FOR SCREENING COMPOUNDS BY USING THESE ANTIBODIES**  
[54] **NOUVEAUX ANTICORPS, MEDICAMENTS LES CONTENANT ET METHODES DE CRIBLAGE DE COMPOSES PAR UTILISATION DESDITS ANTICORPS**  
[72] HANAI, NOBUO, JP  
[72] FURUYA, AKIKO, JP  
[71] KYOWA HAKKO KOGYO CO., LTD., JP  
[85] 2001-03-26  
[86] 1999-09-29 (PCT/JP99/05350)  
[87] 2000-04-06 (WO00/18805)  
[30] JP (10/291501) 1998-09-29  
[30] JP (10/291503) 1998-09-29

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[21] **2,343,721**  
[13] A1  
[51] **Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 5/04 7C12N 5/10 7C12N 15/29 7C07K 14/415**  
[25] EN  
[54] **MAIZE PROMOTERS**  
[54] **PROMOTEURS DU MA-S**  
[72] BARBOUR, ERIC, US  
[72] SAAD, MOHAMMED EID, EG  
[72] MEYER, TERRY EUCLAIRE, US  
[71] AGRICULTURAL GENETIC ENGINEERING RESEARCH INSTITUTE (AGERI), EG  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[85] 2001-03-26  
[86] 1999-10-05 (PCT/US99/23081)  
[87] 2000-04-13 (WO00/20571)  
[30] US (60/103,294) 1998-10-06  
[30] US (60/107,201) 1998-11-05

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[21] **2,343,838**  
[13] A1  
[51] **Int.Cl. 7C12N 15/55 7C12N 9/14 7C07K 16/40 7A61K 38/46 7C12N 15/63 7C12Q 1/68**  
[25] EN  
[54] **ATP SYNTHASE SUBUNIT HOMOLOG**  
[54] **HOMOLOGUE DE SOUS-UNITE D'ATP-SYNTASE**  
[72] GUEGLER, KARL J., US  
[72] BAUGHN, MARIAH R., US  
[72] TANG, Y. TOM, US  
[72] CORLEY, NEIL C., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2001-03-16  
[86] 1999-09-17 (PCT/US99/21425)  
[87] 2000-03-23 (WO00/15806)  
[30] US (09/154,802) 1998-09-17

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[21] **2,343,839**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C07K 16/28 7C07K 14/715**  
[25] EN  
[54] **CYTOKINE RECEPTOR ZALPHA11**  
[54] **RECEPTEUR DE CYTOKINE APPELE ZALPHA11**  
[72] PRESNELL, SCOTT R., US  
[72] CONKLIN, DARRELL C., US  
[72] NOVAK, JULIA E., US  
[72] HAMMOND, ANGELA K., US  
[71] ZYMOGENETICS, INC., US  
[85] 2001-03-23  
[86] 1999-09-23 (PCT/US99/22149)  
[87] 2000-03-30 (WO00/17235)  
[30] US (09/159,254) 1998-09-23  
[30] US (09/265,117) 1999-03-09  
[30] US (09/347,930) 1999-07-06

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[21] **2,343,840**  
[13] A1  
[51] **Int.Cl. 7C07K 14/54 7C07K 14/715**  
[25] EN  
[54] **USE OF A CYTOKINE-PRODUCING LACTOCOCCUS STRAIN TO TREAT COLITIS**  
[54] **UTILISATION DE SOUCHE DE LACTOCOCCUS PRODUISANT DE LA CYTOKINE POUR TRAITER LA COLITE**  
[72] STEIDLER, LOTHAR, BE  
[72] REMAUT, ERIK RENE, BE  
[72] FIERS, WALTER, BE  
[71] VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW, BE  
[85] 2001-03-26  
[86] 1999-10-06 (PCT/EP99/07800)  
[87] 2000-04-27 (WO00/23471)  
[30] EP (98203529.7) 1998-10-20

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<p style="text-align: right;">[21] <b>2,343,878</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/10 7C12N 9/00</b> [25] EN [54] <b>METHOD FOR GENERATING A GENE LIBRARY</b> [54] <b>PROCEDE DE CREATION D'UNE BANQUE DE GENES</b> [72] SJOHOLM, CARSTEN, DK [72] SANDAL, THOMAS, DK [72] SCHAEFER, THOMAS, DK [72] DUFFNER, FIONA, DK [72] LANGE, LENE, DK [71] NOVOZYMES A/S, DK [85] 2001-03-22 [86] 1999-10-14 (PCT/DK99/00553) [87] 2000-05-04 (WO00/24882) [30] DK (PA 1998 01388) 1998-10-28</p>	<p style="text-align: right;">[21] <b>2,343,880</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/52 7C07D 211/00 7C07D 273/00 7C07D 311/00 7C12N 9/10 7C07D 498/18 7C12P 17/18 7C12P 19/32 7C12N 15/54 7C12N 15/62</b> [25] EN [54] <b>POLYKETIDE SYNTHASE ENZYMES AND RECOMBINANT DNA CONSTRUCTS THEREFOR</b> [54] <b>ENZYMES POLYKETIDES SYNTHASE ET PRODUITS D'ADN DE RECOMBINAISONS ASSOCIES</b> [72] KHOSLA, CHAITAN, US [72] REEVES, CHRISTOPHER, US [72] CHU, DANIEL, US [72] WU, KAI, US [72] SANTI, DANIEL, US [71] KOSAN BIOSCIENCES, INC., US [85] 2001-03-20 [86] 1999-10-01 (PCT/US99/22886) [87] 2000-04-13 (WO00/20601) [30] US (60/102,748) 1998-10-02 [30] US (60/123,810) 1999-03-11 [30] US (60/139,650) 1999-06-17</p>	<p style="text-align: right;">[21] <b>2,343,916</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 38/37 7A61P 7/04 7A61K 38/17 7A61K 39/395 7A61K 38/48</b> [25] EN [54] <b>METHODS OF DOWNMODULATING THE IMMUNE RESPONSE TO THERAPEUTIC PROTEINS</b> [54] <b>METHODES DE MODULATION RESTRICTIVE DE LA REPONSE IMMUNITAIRE AUX PROTEINES THERAPEUTIQUES</b> [72] COLLINS, MARY, US [72] GRAY, GARY S., US [72] QIAN, JIAHUA, US [72] HOYER, LEON W., US [71] GENETICS INSTITUTE, INC., US [71] AMERICAN RED CROSS, US [85] 2001-03-20 [86] 1999-09-21 (PCT/US99/21991) [87] 2000-03-30 (WO00/16801) [30] US (09/158,178) 1998-09-21</p>
<p style="text-align: right;">[21] <b>2,343,879</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/53 7C12N 15/00</b> [25] EN [54] <b>DIAGNOSTIC ASSAYS FOR DETECTION OF CRYPTOSPORIDIUM PARVUM</b> [54] <b>DOSAGES DIAGNOSTIQUES PERMETTANT DE DETECTER CRYPTOSPORIDIUM PARVUM</b> [72] GRAY, JEFF, US [72] VALKIRS, GUNARS E., US [72] BUECHLER, JOE, US [71] BIOSITE DIAGNOSTICS, INC., US [85] 2001-03-19 [86] 1999-09-20 (PCT/US99/21979) [87] 2000-03-30 (WO00/17647) [30] US (09/158,180) 1998-09-21</p>	<p style="text-align: right;">[21] <b>2,343,901</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/60 7H04L 12/16 7H04L 9/32</b> [25] EN [54] <b>TECHNIQUES FOR TRADING COMMODITIES ON A PRIVATE TRADING SYSTEM AND NOT REGULATED BY THE GOVERNMENT</b> [54] <b>TECHNIQUES DE TRANSACTIONS COMMERCIALES AVEC DES PRODUITS AU COMPTANT DANS UN SYSTEME COMMERCIAL PRIVE NON REGULE PAR LE GOUVERNEMENT</b> [72] MACIVER, DONALD A., CA [72] FRANKFORT, GEORGE, CA [72] ADAMS, DAVID T., CA [71] TALPX, INC., US [85] 2001-03-13 [86] 1999-09-15 (PCT/US99/21008) [87] 2000-03-23 (WO00/16232) [30] US (60/100,407) 1998-09-15</p>	<p style="text-align: right;">[21] <b>2,343,918</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/395 6C07K 16/00 6G01N 33/48 6G01N 33/574 6C12Q 1/68</b> [25] EN [54] <b>METHOD OF DIAGNOSING, MONITORING, STAGING, IMAGING AND TREATING GYNECOLOGIC CANCERS AND TESTICULAR CANCER</b> [54] <b>PROCEDE SERVANT A DIAGNOSTIQUER, CONTROLER, TRAITER DES CANCERS GYNECOLOGIQUES ET LE CANCER DES TESTICULES, A EN PRENDRE L'IMAGE ET A EN DETERMINER LE STADE</b> [72] ALI, SHUJATH M., US [72] CAFFERKEY, ROBERT, US [71] DIADEXUS, LLC, US [85] 2001-03-21 [86] 1999-09-23 (PCT/US99/21774) [87] 2000-03-30 (WO00/16805) [30] US (60/101,522) 1998-09-23</p>

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[21] **2,343,919**  
[13] A1

[51] **Int.Cl. 7C12N 9/90 7C12N 9/10 7C12N 9/12 7C12Q 1/48**  
[25] EN  
[54] **GENES OF THE 1-DESOXY-D-XYLULOSE BIOSYNTHETIC PATHWAY**  
[54] **VOIE DE SYNTHÈSE BIOLOGIQUE DES GENES DES 1-DESOXY-D-XYLULOSE**  
[72] JOMAA, HASSAN, DE  
[71] JOMAA, HASSAN, DE  
[85] 2001-03-22  
[86] 1998-09-22 (PCT/EP99/07055)  
[87] 2000-03-30 (WO00/17233)  
[30] DE (198 43 279.8) 1998-09-22  
[30] DE (199 23 567.8) 1999-05-21

[21] **2,343,936**  
[13] A1

[51] **Int.Cl. 6C12N 9/12 6C12Q 1/48 6A61K 38/51**  
[25] EN  
[54] **REC2 KINASE**  
[54] **KINASE REC2**  
[72] HAVRE, PAMELA A., US  
[72] RICE, MICHAEL C., US  
[72] HOLLOMAN, WILLIAM K., US  
[72] KMIEC, ERIC B., US  
[71] VELIGEN (US), INC., US  
[71] CORNELL RESEARCH FOUNDATION, INC., US  
[71] THOMAS JEFFERSON UNIVERSITY, US  
[85] 2001-03-20  
[86] 1999-09-17 (PCT/US99/21642)  
[87] 2000-03-30 (WO00/17329)  
[30] US (09/157,603) 1998-09-21

[21] **2,343,964**  
[13] A1

[51] **Int.Cl. 7A61B 17/72**  
[25] EN  
[54] **INTRAMEDULLARY NAIL WITH A HYBRID BOW**  
[54] **CLOU INTRAMEDULLAIRE A COURBURE HYBRIDE**  
[72] PEPPER, JOHN, US  
[72] HOLLAND, DONNA, US  
[72] GOSNEY, MARK S., US  
[72] JAMES, ANTHONY, US  
[72] RUSSELL, THOMAS A., US  
[72] SANDERS, ROY, US  
[71] SMITH & NEPHEW, INC., US  
[85] 2001-03-13  
[86] 1999-09-08 (PCT/US99/20521)  
[87] 2000-03-23 (WO00/15127)  
[30] US (09/152,919) 1998-09-14

[21] **2,343,967**  
[13] A1

[51] **Int.Cl. 6E05D 11/10**  
[25] EN  
[54] **POSITIVE LOCK ARMREST MECHANISM**  
[54] **MECANISME DE VERROUILLAGE DIRECT D'ACCOUDOIR**  
[72] BRAUN, ERIC W., US  
[71] FISHER DYNAMICS CORPORATION, US  
[85] 2001-03-13  
[86] 1999-09-14 (PCT/US99/21185)  
[87] 2000-03-23 (WO00/15935)  
[30] US (09/151,753) 1998-09-14

[21] **2,343,968**  
[13] A1

[51] **Int.Cl. 7F42B 8/04**  
[25] EN  
[54] **BLANK CARTRIDGE FOR SELF LOADING GUNS**  
[54] **CARTOUCHE A BLANC POUR FUSILS AUTOMATIQUES**  
[72] SAXBY, MICHAEL ERNEST, GB  
[71] LAMBETH PROPERTIES LIMITED, BS  
[85] 2001-03-13  
[86] 1999-09-14 (PCT/GB99/02859)  
[87] 2000-03-23 (WO00/16032)  
[30] GB (9819928.4) 1998-09-14

[21] **2,343,971**  
[13] A1

[51] **Int.Cl. 7G06F 9/445 7G06F 9/44**  
[25] EN  
[54] **METHOD AND COMPUTER PROGRAM PRODUCT TO DYNAMICALLY INTEGRATE ADD-ON TASKS WITH CORE SOFTWARE TASKS**  
[54] **PROCEDE ET PRODUIT DE PROGRAMMATION INFORMATIQUE POUR L'INTEGRATION DYNAMIQUE DE TACHES SUPPLEMENTAIRES A DES TACHES DU LOGICIEL DE BASE**  
[72] KETRENOS, JAMES P., US  
[72] MARLER, JERILYN L., US  
[71] INTEL CORPORATION, US  
[85] 2001-03-13  
[86] 1999-08-26 (PCT/US99/19407)  
[87] 2000-03-23 (WO00/16195)  
[30] US (09/154,266) 1998-09-16

[21] **2,343,973**  
[13] A1

[51] **Int.Cl. 7G01N 33/50**  
[25] EN  
[54] **PREDICTIVE ASSAY FOR IMMUNE RESPONSE**  
[54] **ANALYSE DE PREVISION DE REPOSE IMMUNITAIRE**  
[72] ENNIS, FRANCIS A., US  
[71] UNIVERSITY OF MASSACHUSETTS MEDICAL CENTER, US  
[85] 2001-03-13  
[86] 1999-09-21 (PCT/US99/21931)  
[87] 2000-03-30 (WO00/17639)  
[30] US (09/159,172) 1998-09-23

[21] **2,343,982**  
[13] A1

[51] **Int.Cl. 6B05B 3/00**  
[25] EN  
[54] **FIGURE EIGHT MOVEMENT OF SPRAY GUN**  
[54] **DEPLACEMENT EN HUIT D'UN PISTOLET DE PULVERISATION**  
[72] MOODY, DALE R., US  
[72] HAWLEY, DAVID, US  
[71] SULZER METCO (US) INC., US  
[85] 2001-03-13  
[86] 1999-10-14 (PCT/US99/24105)  
[87] 2000-05-18 (WO00/27541)  
[30] US (09/186,812) 1998-11-05

[21] **2,343,983**  
[13] A1

[51] **Int.Cl. 6A43B 5/00 6A43B 23/00 6A44B 17/00 6A44B 21/00 6A43C 11/00 6A44B 1/04 6A63B 21/062 6A63B 21/065 6A44B 11/25**  
[25] EN  
[54] **VARIABLE WEIGHT ATHLETIC SHOE**  
[54] **CHAUSSURE DE SPORT A POIDS VARIABLE**  
[72] SABAT, JACK M., US  
[71] SABAT, JACK M., US  
[85] 2001-03-13  
[86] 1999-10-12 (PCT/US99/22949)  
[87] 2000-04-20 (WO00/21397)  
[30] US (09/170,245) 1998-10-13

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<p style="text-align: right;">[21] <b>2,343,986</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04R 25/00 6H04R 29/00</b> [25] EN [54] <b>SYSTEM FOR PROGRAMMING HEARING AIDS</b> [54] <b>PROGRAMMATION DE PROTHESES AUDITIVES</b> [72] ARMITAGE, SCOTT T., US [71] MICRO EAR TECHNOLOGY, INC., US [85] 2001-03-13 [86] 1999-09-14 (PCT/US99/21188) [87] 2000-03-23 (WO00/16590) [30] US (09/152,416) 1998-09-14</p>	<p style="text-align: right;">[21] <b>2,343,996</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A41C 3/10</b> [25] EN [54] <b>FEMALE CLOTHING WITH CUP UNIT</b> [54] <b>SOUS-VETEMENT FEMININ A BONNETS</b> [72] SAWAMOTO, KOSHI, JP [71] RIVERSTONE CO., LTD., JP [85] 2001-03-13 [86] 1999-09-08 (PCT/JP99/04910) [87] 2001-03-23 (WO00/15062) [30] JP (10/260472) 1998-09-14</p>	<p style="text-align: right;">[21] <b>2,344,061</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61L 27/24 7A61L 33/12</b> [25] EN [54] <b>CROSSLINKING OF BIOPROSTHETIC MATERIAL TO MITIGATE POST-IMPLANTATION CALCIFICATION</b> [54] <b>RETICULATION DE MATIERE BIOPROTHETIQUE POUR ATTENUER UNE CALCIFICATION POST-IMPLANTATION</b> [72] HELMUS, MICHAEL N., US [72] QUINTERO, LILLIAN, US [72] LOSHBAUGH, CHRISTINE, US [72] CUNANAN, CRYSTAL M., US [72] SARNER, CHRIS H., US [71] EDWARDS LIFESCIENCES CORPORATION, US [85] 2001-03-14 [86] 1999-09-20 (PCT/US99/21707) [87] 2000-03-30 (WO00/16820) [30] US (09/157,546) 1998-09-21</p>
<p style="text-align: right;">[21] <b>2,343,989</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 7/00</b> [25] EN [54] <b>AUDIENCE MONITORING AND REPORTING SYSTEM</b> [54] <b>SYSTEME DE SURVEILLANCE DE L'AUDIENCE ET D'ETABLISSEMENT DE RAPPORTS</b> [72] LEHNER, STEPHEN W., US [72] QAYYUM, HAMID, M., US [71] MILLENNIUM NETWORKS, INC, US [85] 2001-03-13 [86] 1999-09-14 (PCT/US99/21056) [87] 2000-03-23 (WO00/16552) [30] US (09/153,125) 1998-09-15</p>	<p style="text-align: right;">[21] <b>2,344,059</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08J 9/00 6B65D 39/00 6C08J 9/02 6C08L 23/06 6C08L 23/08</b> [25] EN [54] <b>POLYMERIC CLOSURE COMPRISING FOAMED POLYETHYLENE OR ETHYLENE COPOLYMER AND A RESILIENT COMPOUND</b> [54] <b>FERMETURE POLYMERE COMPRENANT UN POLYETHYLENE OU UN COPOLYMER D'ETHYLENE ET UN COMPOSE RESILIENT</b> [72] MCMAHON, WILLIAM JAMES, AU [72] SYMONS, JOHN MARTIN, AU [71] ANTHONY SMITH AUSTRALASIA PTY. LTD., AU [85] 2001-03-14 [86] 1999-09-14 (PCT/AU99/00767) [87] 2000-03-23 (WO00/15696) [30] AU (PP 5919) 1998-09-15</p>	<p style="text-align: right;">[21] <b>2,344,062</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 5/01</b> [25] EN [54] <b>HALLUX VALGUS BRACE</b> [54] <b>ATELLE POUR HALLUX VALGUS</b> [72] SMITS, JAN, NL [71] CAMP SCANDINAVIA AB, SE [85] 2001-03-14 [86] 1999-09-15 (PCT/SE99/01608) [87] 2000-03-23 (WO00/15163) [30] SE (9803110-7) 1998-09-15</p>
<p style="text-align: right;">[21] <b>2,343,992</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G05B 15/00</b> [25] EN [54] <b>STRUCTURED SYSTEM FOR MONITORING AND CONTROLLING THE ENGINEERING EQUIPMENT OF AN INSTALLATION</b> [54] <b>SYSTEME STRUCTURE DE CONTROLE ET DE COMMANDE DE L'EQUIPEMENT TECHNIQUE D'UNE INSTALLATION</b> [72] GINZBURG, VITALY VENIAMINOVICH, RU [71] GINZBURG, VITALIY VENIAMINOVICH, RU [85] 2001-03-13 [86] 1999-09-20 (PCT/RU99/00342) [87] 2000-03-30 (WO00/17718) [30] RU (98117308) 1998-09-21</p>	<p style="text-align: right;">[21] <b>2,344,063</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A24B 3/10 6A24B 15/00 6A24F 47/00 6A24B 3/18 6A24B 15/22</b> [25] EN [54] <b>IMPROVED METHOD OF TREATING TOBACCO TO REDUCE NITROSAMINE CONTENT, AND PRODUCTS PRODUCED THEREBY</b> [54] <b>PROCEDE AMELIORE DE TRAITEMENT DU TABAC SERVANT A LIMITER SA TENEUR EN NITROSAMINES ET PRODUITS OBTENUS AU MOYEN DE CE PROCEDE</b> [72] WILLIAMS, JONNIE R., US [71] STAR SCIENTIFIC, INC., US [85] 2001-03-14 [86] 1999-09-15 (PCT/US99/20909) [87] 2000-03-23 (WO00/15056) [30] US (60/100,372) 1998-09-15</p>	

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[21] **2,344,064**  
[13] A1  
[51] **Int.Cl. 7A63F 9/04 7A63F 3/00 7A63F 1/18 7G06K 9/62**  
[25] EN  
[54] **DEVICE FOR AUTOMATIC DETECTION OF THE NUMBER OF SPOTS ON THE TOP SIDE OF A DICE FOR USE ON A PROFESSIONAL BASIS**  
[54] **DISPOSITIF DE DETECTION AUTOMATIQUE DU NOMBRE DE POINTS D'UN DE POUR LA PRATIQUE PROFESSIONNELLE D'UN JEU**  
[72] ORDER, MICHAEL, DE  
[71] ORDER, MICHAEL, DE  
[85] 2001-03-14  
[86] 1999-08-25 (PCT/DE99/02666)  
[87] 2000-03-23 (WO00/15313)  
[30] DE (198 42 161.3) 1998-09-15

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[21] **2,344,067**  
[13] A1  
[51] **Int.Cl. 7G02B 6/38**  
[25] EN  
[54] **CONNECTOR FOR AN OPTICAL PLUG CONNECTION AND METHOD FOR PRODUCING THE CONNECTOR**  
[54] **CONNECTEUR POUR UNE CONNEXION OPTIQUE ENFICHABLE ET PROCEDE DE FABRICATION DE CE CONNECTEUR**  
[72] KRAGL, HANS, DE  
[71] HARTING ELEKTRO-OPTISCHE BAUTEILE GMBH & CO. KG, DE  
[85] 2001-03-14  
[86] 1999-09-21 (PCT/EP99/06969)  
[87] 2000-03-30 (WO00/17689)  
[30] DE (198 43 164.3) 1998-09-21

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[21] **2,344,069**  
[13] A1  
[51] **Int.Cl. 7G11B 7/00 7G11B 7/125**  
[25] EN  
[54] **LASER DIODE CONTROL IN REWRITABLE OPTICAL RECORDING DEVICES**  
[54] **REGULATION DE DIODE LASER DANS DES APPAREILS D'ENREGISTREMENT OPTIQUE SUR SUPPORTS REINSCRIPTIBLES**  
[72] VAN DEN ENDEN, GIJSBERT J., NL  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2001-03-14  
[86] 2000-07-10 (PCT/EP00/06548)  
[87] 2001-01-25 (WO01/06499)  
[30] DE (199 32 658.4) 1999-07-15

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[21] **2,344,066**  
[13] A1  
[51] **Int.Cl. 7F24F 3/16**  
[25] EN  
[54] **METHOD AND DEVICE FOR PROTECTING PERSONS AND/OR PRODUCTS FROM AIR-BORNE PARTICLES**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE PROTEGER LES PERSONNES ET/OU PRODUITS DE PARTICULES EN SUSPENSION DANS L'AIR**  
[72] FORBERT, RAINALD, DE  
[72] GAIL, LOTHAR, DE  
[72] EIGENHERR, EKKEHARD, DE  
[71] SIEMENS AXIVA GMBH & CO. KG, DE  
[85] 2001-03-14  
[86] 1999-09-01 (PCT/EP99/06418)  
[87] 2000-03-23 (WO00/16017)  
[30] DE (198 42 179.6) 1998-09-15  
[30] DE (198 56 496.1) 1998-12-08

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[21] **2,344,068**  
[13] A1  
[51] **Int.Cl. 7G11B 7/00**  
[25] EN  
[54] **METHODS AND DEVICES FOR RECORDING MARKS IN AN INFORMATION LAYER OF AN OPTICAL RECORD CARRIER, AND RECORD CARRIERS FOR USE THEREIN**  
[54] **PROCEDES ET DISPOSITIFS POUR ENREGISTRER DES MARQUES SUR UNE COUCHE D'INFORMATION D'UN SUPPORT D'ENREGISTREMENT OPTIQUE, ET SUPPORTS D'ENREGISTREMENT Y RELATIFS**  
[72] DEKKER, MARTIJN J., NL  
[72] VAN DEN BRINK, HENDRIKUS B., NL  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2001-03-14  
[86] 2000-07-11 (PCT/EP00/06589)  
[87] 2001-01-25 (WO01/06500)  
[30] EP (99202333.3) 1999-07-15

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[21] **2,344,070**  
[13] A1  
[51] **Int.Cl. 7A01K 13/00 7A01K 1/00 7A01K 1/02 7A01K 1/12**  
[25] EN  
[54] **A METHOD OF COOLING ANIMALS**  
[54] **PROCEDE DE REFROIDISSEMENT POUR ANIMAUX**  
[72] FRANSEN, RENATUS IGNATIUS JOSEPHUS, NL  
[72] VAN DER LELY, ALEXANDER, NL  
[72] VAN DEN BERG, KAREL, NL  
[72] VERBURG, CARLO, NL  
[71] LELY RESEARCH HOLDING AG, CH  
[85] 2001-03-14  
[86] 2000-07-18 (PCT/NL00/00504)  
[87] 2001-02-15 (WO01/10197)  
[30] NL (1012809) 1999-08-11

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[21] **2,344,071**  
[13] A1  
[51] **Int.Cl. 7E04B 1/94 7E06B 5/16 7E06B 3/66 7E04B 2/74**  
[25] EN  
[54] **FIRE WALL**  
[54] **PAROI COUPE-FEU**  
[72] DEGELSEGGER, WALTER, AT  
[71] DORMA GMBH + CO. KG, DE  
[85] 2001-03-14  
[86] 2000-07-19 (PCT/EP00/06888)  
[87] 2001-02-01 (WO01/07727)  
[30] DE (199 33 400.5) 1999-07-21

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[21] **2,344,072**  
[13] A1

[51] **Int.Cl. 7E06B 3/02 7E06B 5/16**  
[25] EN  
[54] **FIRE RATED DOOR WITH A SURROUNDING DOOR FRAME**  
[54] **PORTE COUPE-FEU POUR VUE D'UN CHASSIS DE PORTE L'ENTOURANT**

[72] DEGELSEGGER, WALTER, AT  
[71] DORMA GMBH + CO. KG, DE  
[85] 2001-03-14  
[86] 2000-07-19 (PCT/EP00/06886)  
[87] 2001-02-01 (WO01/07745)  
[30] DE (199 33 406.4) 1999-07-21

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[21] **2,344,100**  
[13] A1

[51] **Int.Cl. 7C07H 21/04 7C07K 1/00**  
[25] EN  
[54] **31 HUMAN SECRETED PROTEINS**  
[54] **31 PROTEINES HUMAINES SECRETEES**

[72] KOMATSOULIS, GEORGE, US  
[72] YOUNG, PAUL E., US  
[72] NI, JIAN, US  
[72] LAFLEUR, DAVID W., US  
[72] ENDRESS, GREGORY A., US  
[72] SOPPET, DANIEL R., US  
[72] SHI, YANGGU, US  
[72] RUBEN, STEVEN M., US  
[72] ROSEN, CRAIG A., US  
[72] DUAN, ROXANNE D., US  
[71] HUMAN GENOME SCIENCES, INC., US

[85] 2001-03-23  
[86] 1999-09-22 (PCT/US99/22012)  
[87] 2000-03-30 (WO00/17222)  
[30] US (60/101,546) 1998-09-23  
[30] US (60/102,895) 1998-10-02

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[21] **2,344,104**  
[13] A1

[51] **Int.Cl. 7C12N 15/00 7A61K 48/00 7A01K 67/027 7C12Q 1/68 7C07K 14/72**  
[25] EN  
[54] **METHOD OF SCREENING FOR LARGE OFFSPRING SYNDROME**  
[54] **DEPISTAGE DU SYNDROME DE SURDEVELOPPEMENT DE L'EMBRYON**

[72] WILMUT, IAN, GB  
[72] SINCLAIR, KEVIN DONALD, GB  
[72] YOUNG, LORRAINE ELIZABETH, GB  
[72] MCEVOY, THOMAS GERARD, GB  
[71] ROSLIN INSTITUTE (EDINBURGH), GB

[85] 2001-03-23  
[86] 1999-09-23 (PCT/GB99/03185)  
[87] 2000-04-06 (WO00/18902)  
[30] GB (9820988.5) 1998-09-25

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[21] **2,344,105**  
[13] A1

[51] **Int.Cl. 6C12N 9/22 6C07K 14/195 6C12N 15/55 6C12Q 1/68**

[25] EN  
[54] **DNA POLYMERASE HAVING ABILITY TO REDUCE INNATE SELECTIVE DISCRIMINATION AGAINST FLUORESCENT DYE-LABELED DIDEOXYNUCLEOTIDES**  
[54] **ADN POLYMERASE POUVANT REDUIRE LA DISCRIMINATION SELECTIVE DE L'INNATE VIS A VIS DE DIDESOXYNUCLEOTIDES MARQUES PAR UN COLORANT FLUORESCENT**

[72] HUANG, WEI-HUA, CN  
[72] HONG, GUOFAN, CN  
[71] SHANGAI INSTITUTE OF BIOCHEMISTRY CHINESE ACADEMY OF SCIENCES, CN  
[85] 2001-03-21  
[86] 1999-01-14 (PCT/IB99/00146)  
[87] 2000-03-30 (WO00/17330)  
[30] US (09/157,397) 1998-09-21

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[21] **2,344,107**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/28 7C07K 14/705**  
[25] EN  
[54] **ATP BINDING CASSETTE GENES AND PROTEINS FOR DIAGNOSIS AND TREATMENT OF LIPID DISORDERS AND INFLAMMATORY DISEASES**  
[54] **GENES ET PROTEINES DE CASSETTE DE LIAISON AVEC ATP, DESTINEES AU DIAGNOSTIC ET AU TRAITEMENT DE DESORDRES LIPIDIQUES ET MALADIES INFLAMMATOIRES**

[72] SCHMITZ, GERD, DE  
[72] KLUCKEN, JOCHEN, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-03-22  
[86] 1999-09-21 (PCT/EP99/06991)  
[87] 2000-04-06 (WO00/18912)  
[30] US (60/101,706) 1998-09-25

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[21] **2,344,150**  
[13] A1

[51] **Int.Cl. 7A61P 27/06 7A61K 31/137 7A61K 31/4045 7A61K 31/4168 7A61K 31/498**

[25] EN  
[54] **SEROTONERGIC 5HT2 AGONISTS FOR TREATING GLAUCOMA**  
[54] **AGONISTES DE 5HT2 SEROTONINERGIQUES UTILES POUR TRAITER LE GLAUCOME**  
[72] DEAN, THOMAS R., US  
[72] MAY, JESSE A., US  
[72] SHARIF, NAJAM A., US  
[72] HELLBERG, MARK R., US  
[71] ALCON LABORATORIES, INC., US  
[85] 2001-03-14  
[86] 1999-09-03 (PCT/US99/19888)  
[87] 2000-03-30 (WO00/16761)  
[30] US (60/101,067) 1998-09-18

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[21] **2,344,161**  
[13] A1

[51] **Int.Cl. 7D01F 2/00 7D01F 13/02**  
[25] EN  
[54] **METHOD FOR PRODUCING CELLULOSIC FORMS**  
[54] **PROCEDE DE PRODUCTION DE CORPS MOULES CELLULOSIQUES**  
[72] BAUER, RALF-UWE, DE  
[72] NIEMZ, FRANK-GUNTER, DE  
[71] ALCERU SCHWARZA GMBH, DE  
[85] 2001-03-14  
[86] 1999-09-14 (PCT/DE99/02977)  
[87] 2000-03-30 (WO00/17425)  
[30] DE (198 42 557.0) 1998-09-17



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[21] **2,344,162**  
[13] A1  
[51] **Int.Cl. 7D01F 2/00 7C08L 1/02 7C08J 5/18**  
[25] EN  
[54] **METHOD FOR PRODUCING CELLULOSIC FORMS**  
[54] **PROCEDE DE PRODUCTION DE CORPS MOULES CELLULOSIQUES**  
[72] GUNKEL, HOLGER, DE  
[72] MOOZ, MICHAEL, DE  
[71] ALCERU SCHWARZA GMBH, DE  
[85] 2001-03-14  
[86] 1999-09-14 (PCT/DE99/02976)  
[87] 2000-03-30 (WO00/17424)  
[30] DE (198 42 556.2) 1998-09-17

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[21] **2,344,163**  
[13] A1  
[51] **Int.Cl. 7B65H 18/26**  
[25] EN  
[54] **DEVICE IN CONNECTION WITH REEL-UP OF A WEB**  
[54] **DISPOSITIF UTILISE AVEC UNE BOBINE DE BANDE**  
[72] RATY, JARKKO, FI  
[72] RUHA, PEKKA, FI  
[71] METSO PAPER, INC., FI  
[85] 2001-03-14  
[86] 1999-09-22 (PCT/FI99/00777)  
[87] 2000-03-30 (WO00/17081)  
[30] FI (982035) 1998-09-22

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[21] **2,344,164**  
[13] A1  
[51] **Int.Cl. 7B65H 39/16 7B65H 20/20**  
[25] EN  
[54] **DEVICE FOR PRODUCING STORAGE CASES, E.G. FOR DISKETTES, CDS OR SIMILAR**  
[54] **DISPOSITIF POUR PRODUIRE DES COFFRETS DE CONDITIONNEMENT, PAR EX. POUR DISQUETTES, C.D. OU SIMILAIRES**  
[72] WITTMAYER, KLAUS, DE  
[71] SCHOBER GMBH WERKZEUG- UND MASCHINENBAU, DE  
[85] 2001-03-14  
[86] 1999-09-29 (PCT/EP99/07223)  
[87] 2000-04-06 (WO00/18674)  
[30] DE (198 44 626.8) 1998-09-29

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[21] **2,344,165**  
[13] A1  
[51] **Int.Cl. 7G02B 23/26 7A61B 1/04**  
[25] FR  
[54] **DISPOSITIF D'OBSERVATION DE L'INTERIEUR D'UN CORPS PRODUISANT UNE QUALITE D'OBSERVATION PERFECTIONNEE**  
[54] **DEVICE FOR OBSERVATION INSIDE A BODY PROVIDING IMPROVED QUALITY OF OBSERVATION**  
[72] CHADUC, JEAN-PAUL, FR  
[72] LAMARQUE, FREDERIC, FR  
[72] LE GARGASSON, JEAN-FRANCOIS, FR  
[71] ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS, FR  
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR  
[85] 2001-03-14  
[86] 1999-09-15 (PCT/FR99/02188)  
[87] 2000-03-23 (WO00/16151)  
[30] FR (98/11486) 1998-09-15

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[21] **2,344,166**  
[13] A1  
[51] **Int.Cl. 7A61K 31/715 7C07K 16/00 7A61K 39/395**  
[25] EN  
[54] **COMPOSITIONS OF .BETA.-GLUCANS AND SPECIFIC IGIV**  
[54] **COMPOSITIONS DE .BETA.-GLUCANES ET D'IMMUNOGLOBULINES SPECIFIQUES**  
[72] NASO, ROBERT B., US  
[72] FATTOM, ALI IBRAHIM, US  
[72] PAVLIAK, VILIAM, US  
[71] NABI, US  
[85] 2001-03-14  
[86] 1999-09-14 (PCT/US99/20787)  
[87] 2000-03-23 (WO00/15238)  
[30] US (60/100,146) 1998-09-14

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[21] **2,344,167**  
[13] A1  
[51] **Int.Cl. 7B25C 1/06 7B25C 1/00**  
[25] EN  
[54] **MULTI-STROKE FASTENING DEVICE**  
[54] **DISPOSITIF DE POSE A CHOCS**  
[72] WHITE, BRIAN M., US  
[72] OLMSTEAD, ROBERT D., US  
[72] HEWITT, CHARLES W., US  
[71] STANLEY FASTENING SYSTEMS, L.P., US  
[85] 2001-03-14  
[86] 1999-09-15 (PCT/US99/21102)  
[87] 2000-03-30 (WO00/16947)  
[30] US (60/101,038) 1998-09-18  
[30] US (60/120,892) 1999-02-19

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[21] **2,344,168**  
[13] A1  
[51] **Int.Cl. 7C07D 215/54 7C07D 211/00 7C07D 317/00 7C07D 401/04 7C07D 491/10 7C07D 401/12 7C07D 405/12 7C07D 413/12 7C07D 417/12 7A61K 31/47 7C07D 215/56**  
[25] EN  
[54] **SUBSTITUTED 3-CYANOQUINOLINES AS PROTEIN TYROSINE KINASES INHIBITORS**  
[54] **INHIBITEURS DE PROTEINES DE TYPE TYROSINE KINASES A BASE DE 3-CYANOQUINOLINES SUBSTITUEES**  
[72] FROST, PHILIP, US  
[72] ZHANG, NAN, US  
[72] HAMANN, PHILIP ROSS, US  
[72] WISSNER, ALLAN, US  
[72] FLOYD, MIDDLETON BRAWNER JR., US  
[72] BERGER, DAN MAARTEN, US  
[72] TSOU, HWEI-RU, US  
[71] AMERICAN CYANAMID COMPANY, US  
[85] 2001-03-14  
[86] 1999-09-22 (PCT/US99/22056)  
[87] 2000-04-06 (WO00/18740)  
[30] US (09/162,289) 1998-09-29

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[21] **2,344,169**  
[13] A1  
[51] **Int.Cl. 7C07D 401/12 7C07D 215/00 7C07D 221/00 7C07D 317/00 7C07D 319/00 7C07D 491/04 7C07D 491/10 7C07D 405/12 7C07D 409/12 7C07D 413/12 7C07D 417/12 7C07D 401/14 7C07D 405/14 7A61K 31/47 7C07D 215/54**  
[25] EN  
[54] **SUBSTITUTED 3-CYANOQUINOLINES AS PROTEIN TYROSINE KINASES INHIBITORS**  
[54] **INHIBITEURS DE PROTEINES DE TYPE TYROSINE KINASES A BASE DE 3-CYANOQUINOLINES SUBSTITUEES**  
[72] TSOU, HWEI-RU, US  
[72] HAMANN, PHILIP ROSS, US  
[72] BERGER, DAN MAARTEN, US  
[72] FLOYD, MIDDLETON BRAWNER JR., US  
[72] SALVATI, MARK ERNEST, US  
[72] ZHANG, NAN, US  
[72] FROST, PHILIP, US  
[72] WISSNER, ALLAN, US  
[71] AMERICAN CYANAMID COMPANY, US  
[85] 2001-03-14  
[86] 1999-09-22 (PCT/US99/22054)  
[87] 2000-04-06 (WO00/18761)  
[30] US (09/162,802) 1998-09-29

[21] **2,344,170**  
[13] A1  
[51] **Int.Cl. 7C07F 17/00 7C08F 10/00**  
[25] EN  
[54] **BRIDGED METAL COMPLEXES**  
[54] **COMPLEXES METALLIQUES PONTES**  
[72] ASHE, ARTHUR, J., III, US  
[72] FRAZIER, KEVIN A., US  
[72] GREEN, D. PATRICK, US  
[72] PATTON, JASSON T., US  
[72] TIMMERS, FRANCIS J., US  
[72] DEVORE, DAVID D., US  
[72] FANG, XINGGAO, US  
[71] THE DOW CHEMICAL COMPANY, US  
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US  
[85] 2001-03-14  
[86] 1999-09-08 (PCT/US99/20538)  
[87] 2000-04-13 (WO00/20426)  
[30] US (60/103,511) 1998-10-08  
[30] US (09/383,996) 1999-08-26

[21] **2,344,197**  
[13] A1  
[51] **Int.Cl. 6A61B 17/39**  
[25] EN  
[54] **METHODS AND SYSTEMS FOR TREATING BREAST TISSUE**  
[54] **TECHNIQUES ET SYSTEMES DE TRAITEMENT DU TISSU MAMMAIRE**  
[72] HUNG, DAVID, US  
[72] O'LEARY, SHAWN, US  
[72] NIKOLCHEV, JULIAN, US  
[72] LOVE, SUSAN, US  
[72] KEN, CHRIS, US  
[71] WINDY HILL TECHNOLOGY, INC., US  
[85] 2001-03-16  
[86] 1999-09-17 (PCT/US99/21378)  
[87] 2000-03-30 (WO00/16708)  
[30] US (60/100,853) 1998-09-18

[21] **2,344,198**  
[13] A1  
[51] **Int.Cl. 7D21H 21/48 7G09F 3/00 7B42D 15/10**  
[25] EN  
[54] **SECURITY PAPER AND OTHER SECURITY ITEMS**  
[54] **PAPIER DE SECURITE ET AUTRES ARTICLES DE SECURITE**  
[72] WEDER, CHRISTOPH, CH  
[72] SMITH, PAUL, CH  
[71] LANDQART, CH  
[85] 2001-03-16  
[86] 1999-09-22 (PCT/CH99/00450)  
[87] 2000-04-06 (WO00/19016)  
[30] CH (1958/98) 1998-09-25

[21] **2,344,199**  
[13] A1  
[51] **Int.Cl. 7B65D 41/04 7B65D 39/00 7B65D 49/00 7B65D 41/02 7B65D 51/16**  
[25] FR  
[54] **RECIPIENT A OUVERTURE PROPRE ET BOUCHON CORRESPONDANT**  
[54] **CONTAINER WITH CLEAN OPENING AND CORRESPONDING TOP**  
[72] DE LAFORCADE, VINCENT, FR  
[71] L'OREAL, FR  
[85] 2001-03-14  
[86] 2000-07-12 (PCT/FR00/02007)  
[87] 2001-01-25 (WO01/05673)  
[30] FR (99/09278) 1999-07-16  
[30] FR (99/09279) 1999-07-16

[21] **2,344,200**  
[13] A1  
[51] **Int.Cl. 6G02B 6/02**  
[25] EN  
[54] **MULTICORE AND MULTIMODE DISPERSION MANAGED FIBERS**  
[54] **FIBRES MULTIMODES ET MULTICONDUCTEURS A DISPERSION CONTROLEE**  
[72] BHAGAVATULA, VENKATA A., US  
[71] CORNING INCORPORATED, US  
[85] 2001-03-16  
[86] 1999-08-10 (PCT/US99/18090)  
[87] 2000-03-23 (WO00/16131)  
[30] US (60/100,495) 1998-09-16

[21] **2,344,201**  
[13] A1  
[51] **Int.Cl. 7C08B 11/00 7C08B 15/00**  
[25] FR  
[54] **MICROFIBRILLES DE CELLULOSE A SURFACE MODIFIEE, LEUR PROCEDE DE PREPARATION, ET LEUR UTILISATION**  
[54] **CELLULOSE MICROFIBRILS WITH MODIFIED SURFACE, PREPARATION METHOD AND USE THEREOF**  
[72] GOUSSE, CECILE, FR  
[72] FLEURY, ETIENNE, FR  
[72] LADOUCE, LAURENCE, FR  
[72] EXCOFFIER, GERARD, FR  
[72] CANTIANI, ROBERT, FR  
[72] CHANZY, HENRI, FR  
[71] RHODIA CHIMIE, FR  
[85] 2001-03-14  
[86] 1999-09-09 (PCT/FR99/02148)  
[87] 2000-03-23 (WO00/15667)  
[30] FR (98/11507) 1998-09-15

[21] **2,344,203**  
[13] A1  
[51] **Int.Cl. 7A46B 9/02 7A45D 40/26**  
[25] FR  
[54] **DISPOSITIF POUR L'APPLICATION D'UN PRODUIT SUR LES FIBRES KERATINIQUES, NOTAMMENT LES CILS OU LES SOURCILS**  
[54] **DEVICE FOR APPLYING A PRODUCT ON KERATINOUS FIBRES, IN PARTICULAR EYELASHES OR EYEBROWS**  
[72] GUERET, JEAN-LOUIS, FR  
[71] L'OREAL, FR  
[85] 2001-03-14  
[86] 2000-05-26 (PCT/FR00/01437)  
[87] 2001-01-25 (WO01/05273)  
[30] FR (99/09451) 1999-07-21

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[21] **2,344,204**  
[13] A1  
[51] **Int.Cl. 7C08G 79/08 7H01B 1/06 7H01M 6/18 7H01M 10/40**  
[25] EN  
[54] **IONICALLY CONDUCTIVE POLYMER, POLYMER ELECTROLYTE, AND ELECTRICAL DEVICE**  
[54] **POLYMERE IONIQUEMENT CONDUCTEUR, ELECTROLYTE POLYMERIQUE ET DISPOSITIF ELECTROLYTIQUE**  
[72] NISHIURA, MASAHIRO, JP  
[72] KONO, MICHYUKI, JP  
[72] WATANABE, MASAYOSHI, JP  
[71] DAI-ICHI KOGYO SEIYAKU CO., LTD., JP  
[85] 2001-03-16  
[86] 2000-08-28 (PCT/JP00/05811)  
[87] 2001-03-15 (WO01/18094)  
[30] JP (11/248887) 1999-09-02  
[30] JP (11/248888) 1999-09-02  
[30] JP (11/248889) 1999-09-02  
[30] JP (11/318000) 1999-11-09

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[21] **2,344,205**  
[13] A1  
[51] **Int.Cl. 6G02B 6/22 6H04B 10/18**  
[25] EN  
[54] **DISPERSION COMPENSATING FIBER**  
[54] **FIBRE A COMPENSATION DE DISPERSION**  
[72] OKUNO, TOSHIKI, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[85] 2001-03-16  
[86] 1999-08-06 (PCT/JP99/04278)  
[87] 2000-03-30 (WO00/17684)  
[30] JP (10/265443) 1998-09-18

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[21] **2,344,206**  
[13] A1  
[51] **Int.Cl. 7B65D 41/04**  
[25] FR  
[54] **BOUCHON AVEC JOINT D'ETANCHEITE**  
[54] **CAP WITH FLUID SEAL**  
[72] FRANCHET, ALAIN, FR  
[72] LUZZATO, MICHEL, FR  
[72] RACINE, JEAN PATRICE, FR  
[71] NOVEMBAL, FR  
[85] 2001-03-15  
[86] 1999-09-15 (PCT/FR99/02195)  
[87] 2000-03-23 (WO00/15517)  
[30] FR (98/11569) 1998-09-16

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[21] **2,344,207**  
[13] A1  
[51] **Int.Cl. 7C12N 15/13 7A61K 48/00 7C07K 16/00 7A61P 35/00 7C12N 5/10 7A61P 31/12 7A61K 35/14 7C07K 16/28**  
[25] FR  
[54] **MATERIEL BIOLOGIQUE POUR LA PREPARATION DE COMPOSITIONS PHARMACEUTIQUES DESTINEES AU TRAITEMENT DE MAMMIFERES**  
[54] **BIOLOGICAL MATERIAL FOR PREPARING PHARMACEUTICAL COMPOSITIONS FOR TREATING MAMMALS**  
[72] PAUL, STEPHANE, FR  
[72] ACRES, BRUCE, FR  
[71] TRANSGENE S.A., FR  
[85] 2001-03-15  
[86] 1999-10-20 (PCT/FR99/02551)  
[87] 2000-05-04 (WO00/24896)  
[30] FR (98/13279) 1998-10-22

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[21] **2,344,209**  
[13] A1  
[51] **Int.Cl. 7A46B 9/02 7A45D 40/26**  
[25] FR  
[54] **DISPOSITIF POUR L'APPLICATION D'UN PRODUIT SUR LES FIBRES KERATINIQUES, NOTAMMENT LES CILS OU LES SOURCILS**  
[54] **DEVICE FOR APPLYING A PRODUCT ON KERATINOUS FIBRES, IN PARTICULAR EYELASHES OR EYEBROWS**  
[72] GUERET, JEAN-LOUIS, FR  
[71] L'OREAL, FR  
[85] 2001-03-15  
[86] 2000-05-26 (PCT/FR00/01436)  
[87] 2001-01-25 (WO01/05272)  
[30] FR (99/09451) 1999-07-21

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[21] **2,344,210**  
[13] A1  
[51] **Int.Cl. 6F23N 1/00 6F02C 1/00 6F02C 3/00 6F23D 21/00 6F23N 5/00 6F23N 5/24 6F02C 7/264 6F23D 11/44**  
[25] EN  
[54] **DYNAMIC CONTROL SYSTEM AND METHOD FOR CATALYTIC COMBUSTION PROCESS AND GAS TURBINE ENGINE UTILIZING SAME**  
[54] **PROCEDE ET SYSTEME DE REGULATION DE LA DYNAMIQUE POUR DES PROCESSUS A COMBUSTION CATALYTIQUE ET MOTEUR A TURBINE A GAZ Y RECORANT**  
[72] GREEB, KEVIN, US  
[71] WOODWARD GOVERNOR COMPANY, US  
[85] 2001-03-16  
[86] 1999-09-16 (PCT/US99/21487)  
[87] 2000-03-30 (WO00/17577)  
[30] US (09/157,147) 1998-09-18

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[21] **2,344,211**  
[13] A1  
[51] **Int.Cl. 7A46B 9/02 7A45D 40/26**  
[25] FR  
[54] **DISPOSITIF POUR L'APPLICATION D'UN PRODUIT SUR LES FIBRES KERATINIQUES**  
[54] **DEVICE FOR APPLYING A PRODUCT ON KERATINOUS FIBRES**  
[72] GUERET, JEAN-LOUIS, FR  
[71] L'OREAL, FR  
[85] 2001-03-15  
[86] 2000-05-19 (PCT/FR00/01373)  
[87] 2001-01-25 (WO01/05271)  
[30] FR (99/09454) 1999-07-21  
[30] FR (99/09452) 1999-07-21

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[21] **2,344,212**  
[13] A1  
[51] **Int.Cl. 6A61B 17/39 6A61B 1/00**  
[25] EN  
[54] **ENDOSCOPE POWER SUPPLYING APPLIANCE**  
[54] **DISPOSITIF D'ALIMENTATION EN ENERGIE POUR ENDOSCOPE**  
[72] YAMAMOTO, HIDEHIRO, JP  
[71] YAMAMOTO, HIDEHIRO, JP  
[85] 2001-03-16  
[86] 1999-09-17 (PCT/JP99/05054)  
[87] 2000-03-30 (WO00/16707)  
[30] JP (10/303145) 1998-09-18

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,344,213</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06K 19/16</b> [25] EN [54] <b>VERIFIABLE HOLOGRAPHIC ARTICLE</b> [54] <b>ARTICLE HOLOGRAPHIQUE VERIFIABLE</b> [72] DOVGODKO, SERGIY, US [72] KIRCHMEYER, DOMENICA, US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2001-03-16 [86] 1999-08-19 (PCT/US99/18793) [87] 2000-04-13 (WO00/21033) [30] US (09/166,653) 1998-10-05</p>	<p style="text-align: right;">[21] <b>2,344,216</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C22C 21/00 7G02B 5/08 7G02B 1/10 7C23C 14/20</b> [25] FR [54] <b>ALLIAGE ALUMINIUM-TITANE A REFLECTIVITE SPECULAIRE ELEVEE, REVETEMENTS REFLECTEURS COMPRENANT UN TEL ALLIAGE ET MIROIRS ET PIECES COMPORTANT CE REVETEMENT [54] ALUMINIUM-TITANIUM ALLOY WITH HIGH SPECULAR REFLECTIVITY, REFLECTING COATINGS COMPRISING SAME AND MIRRORS AND PARTS COMPRISING SAID COATING</b> [72] FAVERJON, FREDERIC, FR [72] POIRSON, JEAN-MARC, FR [72] MOREAU, JANICK, FR [72] MARTIN, MICHEL, FR [72] TERRAT, JEAN-PAUL, FR [71] CENTRE STEPHANOIS DE RECHERCHES MECANQUES HYDROMECHANIQUE ET FROTTEMENT, FR [85] 2001-03-16 [86] 2000-07-19 (PCT/FR00/02074) [87] 2001-01-25 (WO01/06026) [30] FR (99/09335) 1999-07-19</p>	<p style="text-align: right;">[21] <b>2,344,218</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 47/12</b> [25] FR [54] <b>COMPOSITIONS FONGICIDES FUNGICIDE COMPOSITIONS</b> [72] DUVERT, PATRICE, FR [72] MERCER, RICHARD, FR [72] GOUOT, JEAN-MARIE, FR [72] CHAZALET, MAURICE, FR [71] AVENTIS CROPS SCIENCE S.A., FR [85] 2001-03-19 [86] 1999-09-20 (PCT/FR99/02223) [87] 2000-03-30 (WO00/16629) [30] FR (98/11895) 1998-09-21</p>
<p style="text-align: right;">[21] <b>2,344,214</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 5/31 7A61M 5/00 7A61C 5/04 7A61M 5/178 7A61M 5/315</b> [25] FR [54] <b>SERINGUES POUR L'ADMINISTRATION DE FORMULATIONS PATEUSES OU SEMI-SOLIDES</b> [54] <b>SYRINGES FOR ADMINISTERING PASTY OR SEMI-SOLID FORMULATIONS</b> [72] AUBERT, CHRISTOPHE, ES [72] CHERIF CHEIKH, ROLAND, FR [71] SOCIÉTÉ DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES SCRAS, FR [85] 2001-03-15 [86] 1999-09-17 (PCT/FR99/02218) [87] 2000-03-30 (WO00/16829) [30] FR (98/11699) 1998-09-18</p>	<p style="text-align: right;">[21] <b>2,344,217</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 19/00</b> [25] EN [54] <b>AVIATION, TERRAIN AND WEATHER DISPLAY SYSTEM</b> [54] <b>SYSTEME D'AFFICHAGE DE DONNEES AERONAUTIQUES, METEOROLOGIQUES ET DE TERRAIN</b> [72] ARATOW, MICHAEL, US [72] SIMON, ROBERT S., US [71] ARATOW, MICHAEL, US [71] SIMON, ROBERT S., US [85] 2001-03-16 [86] 1999-09-15 (PCT/US99/21150) [87] 2000-03-23 (WO00/16230) [30] US (60/100,777) 1998-09-17 [30] US (09/282,047) 1999-03-29</p>	<p style="text-align: right;">[21] <b>2,344,220</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 220/56 7C08F 226/02 7A01N 33/12 7C08F 220/34 7C08F 220/60</b> [25] FR [54] <b>COPOLYMERE D'ACRYLAMIDE ET DE SELS DE TRIALKYLAMMONIUM, PROCEDE D'OBTENTION ET TEXTILE ENDUIT</b> [54] <b>ACRYLAMIDE AND TRIALKYLAMMONIUM SALT COPOLYMER, METHOD FOR OBTAINING SAME AND COATED TEXTILE</b> [72] DESCHERES, ISABELLE, FR [72] BOULON, GILBERT, FR [71] INSTITUT TEXTILE ET CHIMIQUE DE LYON (ITECH), FR [85] 2001-03-20 [86] 1999-07-22 (PCT/FR99/01802) [87] 2000-02-03 (WO00/05281) [30] FR (98/09584) 1998-07-23</p>
<p style="text-align: right;">[21] <b>2,344,215</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61L 24/00 7A61L 27/00 7C08B 37/08</b> [25] EN [54] <b>FUNCTIONALIZED DERIVATIVES OF HYALURONIC ACID AND FORMATION OF HYDROGELS IN SITU USING SAME</b> [54] <b>DERIVES FONCTIONNALISES D'ACIDE HYALURONIQUE ET FORMATION D'HYDROGELS IN SITU PAR UTILISATION DE CES DERIVES</b> [72] AESCHLIMANN, DANIEL PETER, GB [72] BULPITT, PAUL CECIL, GB [71] ORTHOGENE L.L.C., US [85] 2001-03-16 [86] 1999-09-17 (PCT/EP99/06913) [87] 2000-03-30 (WO00/16818) [30] US (09/156,829) 1998-09-18</p>	<p style="text-align: right;">[21] <b>2,344,221</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F03D 1/02 7F03D 7/00 7F03D 9/00</b> [25] FR [54] <b>EOLIENNE AVEC ROTORS CONTRAROTATIVES</b> [54] <b>WIND TURBINE WITH COUNTER ROTATING ROTORS</b> [72] DEBLESER, YVES, BE [71] JEUMONT INDUSTRIE, FR [85] 2001-03-20 [86] 2000-07-19 (PCT/FR00/02077) [87] 2001-02-01 (WO01/07784) [30] FR (99/09551) 1999-07-22</p>	

## PCT Applications Entering the National Phase

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[21] **2,344,222**  
[13] A1  
[51] **Int.Cl. 7A61L 24/04 7A61L 15/42**  
[25] FR  
[54] **MOUSSE PROTEIQUE ADHESIVE A USAGE CHIRURGICAL ET/OU THERAPEUTIQUE**  
[54] **ADHESIVE PROTEIN FOAM FOR SURGICAL AND/OR THERAPEUTIC USES**  
[72] BAYON, YVES, FR  
[72] DUBOIS, MICHEL MARIE, FR  
[72] GRAVAGNA, PHILIPPE, FR  
[72] TAYOT, JEAN-LOUIS, FR  
[71] IMEDEX BIOMATERIAUX, FR  
[85] 2001-03-20  
[86] 2000-07-20 (PCT/FR00/02088)  
[87] 2001-01-25 (WO01/05443)  
[30] FR (99/09467) 1999-07-21  
[30] FR (99/09461) 1999-07-21

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[21] **2,344,223**  
[13] A1  
[51] **Int.Cl. 7C07D 333/38 7C07D 409/12 7C07D 417/12 7C07D 279/20 7A61K 31/38**  
[25] FR  
[54] **DERIVES DE N-(IMINOMETHYL)AMINES, LEUR PREPARATION, LEUR APPLICATION A TITRE DE MEDICAMENTS ET LES COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**  
[54] **N-(IMINOMETHYL)AMINE DERIVATIVES, THEIR PREPARATION, THEIR USE AS MEDICINES AND COMPOSITIONS CONTAINING THEM**  
[72] HARNETT, JEREMIAH, FR  
[72] BIGG, DENNIS, FR  
[72] AUVIN, SERGE, FR  
[72] CHABRIER DE LASSAUNIERE, PIERRE-ETIENNE, FR  
[72] ULIBARRI, GERARD, FR  
[71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES (S.C.R., FR  
[85] 2001-03-21  
[86] 1999-09-22 (PCT/FR99/02251)  
[87] 2000-03-30 (WO00/17191)  
[30] FR (98/11867) 1998-09-23

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[21] **2,344,224**  
[13] A1  
[51] **Int.Cl. 7C07D 333/36 7C07D 209/08 7C07D 473/08 7C07D 409/12 7C07D 417/12 7C07D 333/38 7A61K 31/38 7A61K 31/495**  
[25] FR  
[54] **DERIVES D'AMIDINES, LEUR PREPARATION, LEUR APPLICATION A TITRE DE MEDICAMENTS ET LES COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**  
[54] **AMIDINE DERIVATIVES, THEIR PREPARATION AND APPLICATION AS MEDICINES AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME**  
[72] ULIBARRI, GERARD, FR  
[72] HARNETT, JEREMIAH, FR  
[72] PONS, DOMINIQUE, FR  
[72] AUVIN, SERGE, FR  
[72] CHABRIER DE LASSAUNIERE, PIERRE-ETIENNE, FR  
[71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES (S.C.R., FR  
[85] 2001-03-21  
[86] 1999-09-22 (PCT/FR99/02250)  
[87] 2000-03-30 (WO00/17190)  
[30] FR (98/11868) 1998-09-23

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[21] **2,344,227**  
[13] A1  
[51] **Int.Cl. 7F24F 12/00 7F28D 9/00**  
[25] FR  
[54] **UNITE INDEPENDANTE D'ECHANGE DE CHALEUR, EN PARTICULIER POUR LA VENTILATION D'UN BATIMENT**  
[54] **HEAT EXCHANGE UNIT, IN PARTICULAR FOR VENTILATING A BUILDING**  
[72] RYLEWSKI, EUGENIUSZ, FR  
[71] RYLEWSKI, EUGENIUSZ, FR  
[85] 2001-03-23  
[86] 1999-09-23 (PCT/FR99/02266)  
[87] 2000-04-06 (WO00/19151)  
[30] FR (98/12028) 1998-09-25

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[21] **2,344,240**  
[13] A1  
[51] **Int.Cl. 7A23B 4/02 7A23B 4/027 7A23B 7/157 7A23B 5/18 7A23B 4/24**  
[25] FR  
[54] **SOLUTION UTILE POUR LA DECONTAMINATION BACTERIENNE DE DENREES ALIMENTAIRES ET SON PROCEDE D'UTILISATION**  
[54] **SOLUTION USEFUL FOR BACTERIAL DECONTAMINATION OF FOODSTUFFS AND METHOD FOR USING SAME**  
[72] VINCENT, SOPHIE, FR  
[71] RHODIA CHIMIE, FR  
[85] 2001-03-23  
[86] 1999-09-20 (PCT/FR99/02226)  
[87] 2000-04-06 (WO00/18246)  
[30] FR (98/12025) 1998-09-25

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[21] **2,344,241**  
[13] A1  
[51] **Int.Cl. 7G01R 31/08**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF POUR LA LOCALISATION D'UN DEFAUT D'ISOLEMENT D'UN CABLE ELECTRIQUE**  
[54] **METHOD AND DEVICE FOR LOCATING AN INSULATION FAULT IN AN ELECTRIC CABLE**  
[72] BUSSINGER, JEAN, FR  
[71] SOCRAT, FR  
[85] 2001-03-26  
[86] 1999-09-27 (PCT/FR99/02288)  
[87] 2000-04-06 (WO00/19221)  
[30] FR (98/12420) 1998-09-28

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[21] **2,344,266**  
[13] A1  
[51] **Int.Cl. 7C07H 21/04 7C12N 15/09 7A61K 39/395 7C12Q 1/68 7C07K 14/705**  
[25] EN  
[54] **CADHERIN-LIKE ASYMMETRY PROTEIN-1, AND METHODS FOR ITS USE**  
[54] **PROTEINE-1 D'ASYMETRIE ANALOGUE A LA CADHERINE, ET SES PROCEDES D'UTILISATION**  
[72] DAVIS, MARK M., US  
[72] LU, PETER S., US  
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US  
[85] 2001-03-27  
[86] 1999-10-01 (PCT/US99/22996)  
[87] 2000-04-13 (WO00/20434)  
[30] US (60/102,964) 1998-10-02

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,344,269</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/82 7A01H 5/00 7A61K 38/00 7C12N 5/10 7A61P 27/14 7C07K 14/415</b></p> <p>[25] EN</p> <p>[54] <b>THERAPEUTICALLY ACTIVE PROTEINS IN PLANTS</b></p> <p>[54] <b>PROTEINES VEGETALES A ACTION THERAPEUTIQUE</b></p> <p>[72] HEIFETZ, PETER BERNARD, US</p> <p>[72] GOFF, STEPHEN ARTHUR, US</p> <p>[72] GRIOT-WENK, MONIKA ELSE, CH</p> <p>[72] TUTTLE, ANNMARIE BLOOM, US</p> <p>[71] SYNGENTA PARTICIPATIONS AG, CH</p> <p>[85] 2001-03-28</p> <p>[86] 1999-10-05 (PCT/EP99/07414)</p> <p>[87] 2000-04-13 (WO00/20612)</p> <p>[30] US (09/167,362) 1998-10-07</p> <p>[30] US (09/168,231) 1998-10-07</p>	<p style="text-align: center;">[21] <b>2,344,277</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/16 7A61K 38/24 7C07K 14/47 7C07K 14/475 7C07K 14/49 7C07K 14/495 7C07K 14/51 7C07K 14/575 7C07K 14/59 7G01N 33/68</b></p> <p>[25] EN</p> <p>[54] <b>CYSTINE KNOT GROWTH FACTOR MUTANTS</b></p> <p>[54] <b>MUTANTS DU FACTEUR DE CROISSANCE A NOEUD DE CYSTINE</b></p> <p>[72] SZKUDLINSKI, MARIUSZ W., US</p> <p>[72] WEINTRAUB, BRUCE D., US</p> <p>[71] UNIVERSITY OF MARYLAND, BALTIMORE, US</p> <p>[85] 2001-03-22</p> <p>[86] 1999-03-19 (PCT/US99/05908)</p> <p>[87] 2000-03-30 (WO00/17360)</p> <p>[30] US (PCT/US98/19772) 1998-09-22</p>	<p style="text-align: center;">[21] <b>2,344,286</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07H 21/04 6C12N 15/38 6C12Q 1/68</b></p> <p>[25] EN</p> <p>[54] <b>DETECTION OF HUMAN HERPES VIRUS 6 (HHV6)</b></p> <p>[54] <b>DETECTION DU VIRUS 6 DE L'HERPES HUMAIN (HHV6)</b></p> <p>[72] CUNNINGHAM, ANTHONY LAWRENCE, AU</p> <p>[72] RATNAMOHAN, VIGNESWARY MALA, AU</p> <p>[71] WESTNEAD INSTITUTE OF HEALTH RESEARCH, AU</p> <p>[85] 2001-03-21</p> <p>[86] 1999-09-21 (PCT/AU99/00806)</p> <p>[87] 2000-03-30 (WO00/17219)</p> <p>[30] AU (PP 6052) 1998-09-21</p>
<p style="text-align: center;">[21] <b>2,344,274</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 9/48 7A61P 9/00 7C12P 21/00 7A61P 9/02 7A61K 38/16</b></p> <p>[25] EN</p> <p>[54] <b>ANGIOTENSIN CONVERTING ENZYME HOMOLOG AND ITS USE</b></p> <p>[54] <b>HOMOLOGUE D'ENZYME DE CONVERSION D'ANGIOTENSINE ET SON UTILISATION</b></p> <p>[72] ROBISON, KEITH EARL, US</p> <p>[72] ACTON, LAURENE SUSAN, US</p> <p>[72] HSIEH, FRANK Y., US</p> <p>[71] MILLENNIUM PHARMACEUTICALS, INC., US</p> <p>[85] 2001-03-22</p> <p>[86] 1999-09-29 (PCT/US99/22976)</p> <p>[87] 2000-04-06 (WO00/18899)</p> <p>[30] US (09/163,648) 1998-09-30</p>	<p style="text-align: center;">[21] <b>2,344,282</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/70 6C12P 21/00 6C12P 19/34 6C12Q 1/48 6C12Q 1/68</b></p> <p>[25] EN</p> <p>[54] <b>AN IN VITRO ACTIVITY ASSAY FOR HUMAN HEPATITIS B VIRUS (HBV) DNA POLYMERASE, AND ITS USE FOR SCREENING FOR INHIBITORS OF HBV DNA POLYMERASE</b></p> <p>[54] <b>ESSAI IN VITRO DE DOSAGE DE L'ACTIVITE DE L'ADN-POLYMERASE DU VIRUS DE L'HEPATITE B (VHB) HUMAIN ET SON UTILISATION POUR CRIBLER DES INHIBITEURS DE L'ADN-POLYMERASE DU VHB</b></p> <p>[72] LEONG, AI LIN, SG</p> <p>[72] LIM, GEK KEOW, SG</p> <p>[72] CHEN, WEI NING, SG</p> <p>[72] CON, CHONG JIN, SG</p> <p>[71] GOVERNMENT OF THE REPUBLIC OF SINGAPORE, SG</p> <p>[85] 2001-03-23</p> <p>[86] 1999-03-13 (PCT/SG99/00017)</p> <p>[87] 2000-04-06 (WO00/18968)</p> <p>[30] SG (PCT/SG98/00077) 1998-09-29</p>	<p style="text-align: center;">[21] <b>2,344,288</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68 7C07H 21/02 7C07H 21/04</b></p> <p>[25] EN</p> <p>[54] <b>PARALLEL SELEX</b></p> <p>[54] <b>SELEX EN PARALLELE</b></p> <p>[72] EATON, BRUCE, US</p> <p>[72] TARASOW, THEODORE M., US</p> <p>[71] INVENUX, INC., US</p> <p>[85] 2001-03-21</p> <p>[86] 1999-09-13 (PCT/US99/21079)</p> <p>[87] 2000-03-30 (WO00/17398)</p> <p>[30] US (09/157,601) 1998-09-21</p>
		<p style="text-align: center;">[21] <b>2,344,306</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/70 6A61K 9/00 6A61K 9/48</b></p> <p>[25] EN</p> <p>[54] <b>ORAL DRUG DELIVERY SYSTEM FOR ENHANCING THE BIOAVAILABILITY OF ACTIVE FORM OF GLYCYRRHIZIN</b></p> <p>[54] <b>SYSTEME D'ADMINISTRATION ORALE DE MEDICAMENT PERMETTANT D'AMELIORER LA BIODISPONIBILITE DE LA GLYCYRRHETINE ACTIVEE</b></p> <p>[72] TAKADA, KANJI, JP</p> <p>[71] AMATO PHARMACEUTICAL PRODUCTS, LTD., JP</p> <p>[85] 2001-03-15</p> <p>[86] 1999-09-20 (PCT/JP99/05153)</p> <p>[87] 2000-03-30 (WO00/16784)</p> <p>[30] JP (10/286040) 1998-09-21</p>

## PCT Applications Entering the National Phase

[21] **2,344,308**  
[13] A1

[51] **Int.Cl. 7A61K 31/54 7A61K 31/00 7A61P 1/04**  
[25] EN  
[54] **TAUROLIDINE AND/OR TAURULTAM AGAINST INFECTIOUS ULCER OR GASTRITIS**  
[54] **TAUROLIDINE ET/OU TAURULTAM DESTINES A LA LUTTE CONTRE LES ULCERES OU LES GASTRITES D'ORIGINE INFECTIEUSE**  
[72] PFIRRMANN, ROLF, CH  
[71] ED GEISTLICH SOHNE AG FUR CHEMISCHE INDUSTRIE, CH  
[85] 2001-03-15  
[86] 1999-09-13 (PCT/GB99/03030)  
[87] 2000-03-23 (WO00/15232)  
[30] US (09/154,451) 1998-09-16  
[30] US (09/316,115) 1999-05-20

[21] **2,344,310**  
[13] A1

[51] **Int.Cl. 6C07C 63/333 6A61K 31/19**  
[25] EN  
[54] **5,6-DIHYDRONAPHTHALENYL DERIVATIVES HAVING RETINOID-LIKE ACTIVITY**  
[54] **DERIVES DE 5,6-DIHYDRONAPHTHALENYL AYANT UNE ACTIVITE DE TYPE RETINOIDE**  
[72] HEI, YONG-JIANG, US  
[72] LAPOINTE, PHILIPPE, CA  
[72] MARINIER, ANNE, CA  
[72] DARIS, JEAN-PAUL, CA  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2001-03-15  
[86] 1999-09-16 (PCT/US99/21598)  
[87] 2000-03-30 (WO00/17147)  
[30] US (60/101,609) 1998-09-24

[21] **2,344,314**  
[13] A1

[51] **Int.Cl. 6C07K 5/075 6A23L 1/236**  
[25] EN  
[54] **N-ALKYLASPARTYLDIPEPTIDE ESTER DERIVATIVES AND SWEETENERS**  
[54] **DERIVES D'ESTER N-ALKYLASPARTYLDIPEPTIDIQUE ET EDULCORANTS**  
[72] AMINO, YUSUKE, JP  
[72] YUZAWA, KAZUKO, JP  
[72] TAKEMOTO, TADASHI, JP  
[72] NAKAMURA, RYOICHIRO, JP  
[71] AJINOMOTO CO., INC., JP  
[85] 2001-03-16  
[86] 1999-09-10 (PCT/JP99/04977)  
[87] 2000-03-30 (WO00/17230)  
[30] JP (10/264252) 1998-09-18  
[30] JP (11/169419) 1999-06-16

[21] **2,344,309**  
[13] A1

[51] **Int.Cl. 6A61K 31/50 6A61K 31/42 6A61K 31/505**  
[25] EN  
[54] **METHOD FOR TREATING DIABETES EMPLOYING AN AP2 INHIBITOR AND COMBINATION**  
[54] **PROCEDE DE TRAITEMENT DE DIABETES A L'AIDE DE L'INHIBITEUR AP2 ET COMBINAISON ASSOCIEE**  
[72] KODUKULA, KRISHNA, US  
[72] JACOBSON, BRUCE L., US  
[72] ROBL, JEFFREY A., US  
[72] JAMIL, HARIS, US  
[72] BILLER, SCOTT A., US  
[72] PARKER, REX A., US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2001-03-15  
[86] 1999-09-13 (PCT/US99/20946)  
[87] 2000-03-23 (WO00/15229)  
[30] US (60/100,677) 1998-09-17

[21] **2,344,311**  
[13] A1

[51] **Int.Cl. 7G06F 11/14 7H04L 29/06**  
[25] EN  
[54] **PROTOCOL FOR REPLICATED SERVERS**  
[54] **PROTOCOLE POUR SERVEURS REPLIQUES**  
[72] HOLMBERG, PER ANDERS, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-03-15  
[86] 1999-09-23 (PCT/SE99/01673)  
[87] 2000-03-30 (WO00/17755)  
[30] US (09/159,771) 1998-09-24

[21] **2,344,315**  
[13] A1

[51] **Int.Cl. 7A61K 49/00**  
[25] EN  
[54] **NEAR INFRARED FLUORESCENT CONTRAST AGENT AND FLUORESCENCE IMAGING**  
[54] **AGENT DE CONTRASTE FLUORESCENT DANS LE PROCHE INFRAROUGE ET IMAGERIE PAR FLUORESCENCE**  
[72] INAGAKI, YOSHIO, JP  
[72] OKUMURA, MASAFUMI, JP  
[72] EGUCHI, HIROAKI, JP  
[72] MIWA, NAOTO, JP  
[72] INAGAKI, MICHIHITO, JP  
[72] HARADA, TORU, JP  
[71] SCHERING AKTIENGESELLSCHAFT, DE  
[71] FUJI PHOTO FILM CO., LTD., JP  
[85] 2001-03-16  
[86] 1999-09-16 (PCT/EP99/07088)  
[87] 2000-03-30 (WO00/16810)  
[30] JP (10/283301) 1998-09-18

[21] **2,344,313**  
[13] A1

[51] **Int.Cl. 7A61K 31/663 7A61P 1/02**  
[25] EN  
[54] **AGENTS FOR PERIODONTAL DISEASE**  
[54] **AGENTS POUR SOIGNER LES PARODONTOPATHIES**  
[72] ITO, MASATOSHI, JP  
[72] KAWABE, NORIO, JP  
[72] KAWAI, YURIKO, JP  
[72] OKAZAKI, SEIJI, JP  
[71] TORAY INDUSTRIES, INC., JP  
[85] 2001-03-16  
[86] 2000-07-19 (PCT/JP00/04832)  
[87] 2001-01-25 (WO01/05403)  
[30] JP (11/204808) 1999-07-19

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,344,316</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 5/00 6C07D 313/00</b> [25] EN [54] <b>TREATMENT OF ONCOLOGIC TUMORS WITH AN INJECTABLE FORMULATION OF A GOLGI APPARATUS DISTURBING AGENT</b> [54] <b>TRAITEMENT DES TUMEURS ONCOLOGIQUES PAR FORMULATION INJECTABLE A BASE D'AGENT PERTURBATEUR POUR APPAREIL DE GOLGI</b> [72] SINGH, SAIRA SAYED, US [71] ONCOPHARMACEUTICAL, INC., US [85] 2001-03-16 [86] 1999-09-15 (PCT/US99/21312) [87] 2000-03-23 (WO00/15766) [30] US (60/100,479) 1998-09-16</p>	<p style="text-align: center;">[21] <b>2,344,318</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 38/12 7A61K 38/05 7A61K 38/08</b> [25] EN [54] <b>METHODS FOR ADMINISTRATION OF ANTIBIOTICS</b> [54] <b>METHODES D'ADMINISTRATION D'ANTIBIOTIQUES</b> [72] TALLY, FRANCIS P., US [72] OLESON, FREDERICK B., JR., US [71] CUBIST PHARMACEUTICALS, INC., US [85] 2001-03-20 [86] 1999-09-24 (PCT/US99/22366) [87] 2000-04-06 (WO00/18419) [30] US (60/101,828) 1998-09-25 [30] US (60/125,750) 1999-03-24</p>	<p style="text-align: center;">[21] <b>2,344,323</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C10M 169/04 7C10M 143/08 7C10M 129/18 7C10M 133/22 7C10M 105/38</b> [25] EN [54] <b>POLAR OIL BASED INDUSTRIAL OILS WITH ENHANCED SLUDGE PERFORMANCE</b> [54] <b>HUILES INDUSTRIELLES A BASE D'HUILE POLAIRE PRESENTANT DE MEILLEURES CARACTERISTIQUES DE SUSPENSION</b> [72] NADASDI, TODD TIMOTHY, CA [71] EXXON RESEARCH AND ENGINEERING COMPANY, US [85] 2001-03-14 [86] 1999-10-05 (PCT/US99/23200) [87] 2000-04-20 (WO00/22071) [30] US (09/169,649) 1998-10-09</p>
<p style="text-align: center;">[21] <b>2,344,317</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 39/395 7A61P 9/10 7A61K 38/48</b> [25] EN [54] <b>USE OF COMPOUNDS THAT REDUCE ALPHA2-ANTIPLASMIN IN VIVO FOR THE PREPARATION OF A COMPOSITION FOR THE TREATMENT OF ISCHEMIC STROKE</b> [54] <b>UTILISATION DE COMPOSES DE REDUCTION DES .ALPHA.2-ANTIPLASMINES IN-VIVO POUR LA PREPARATION D'UNE COMPOSITION THERAPEUTIQUE CONTRE L'ACCIDENT ISCHEMIQUE CEREBRAL</b> [72] NAGAI, NOBUO, JP [72] COLLEN, DESIRE JOSE, GB [71] LEUVEN RESEARCH &amp; DEVELOPMENT VZW, BE [85] 2001-03-19 [86] 1999-09-24 (PCT/EP99/07405) [87] 2000-04-06 (WO00/18436) [30] EP (98203280.7) 1998-09-29 [30] EP (99202004.0) 1999-06-22</p>	<p style="text-align: center;">[21] <b>2,344,322</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A23L 1/222 7A21D 13/00 7C07H 17/07 7C07D 311/30 7A61K 31/35</b> [25] EN [54] <b>COMPOSITION CONTAINING NEOHESPERIDIN DIHYDROCHALCONE FOR PREVENTING OR TREATING ELEVATED BLOOD LIPID AND GLUCOSE LEVEL-RELATED DISEASES</b> [54] <b>COMPOSITION CONTENANT DE LA NEOHESPERIDINE DIHYDROCHALCONE POUR LA PREVENTION OU LE TRAITEMENT DE MALADIES LIEES A DES NIVEAUX ELEVES DE LIPIDE ET DE GLUCOSE DANS LE SANG</b> [72] CHOI, YANG KYU, KR [72] CHOI, MYUNG SOOK, KR [72] BOK, SONG HAE, KR [72] KWON, YONG KOOK, KR [72] LEE, EUN SOOK, KR [72] HYUN, BYUNG HWA, KR [72] JEONG, TAE SOOK, KR [72] BAE, KI HWAN, KR [72] PARK, YONG BOK, KR [72] MOON, SURK SIK, KR [72] PARK, YOUNG BAE, KR [72] KIM, HYO SOO, KR [72] LEE, SAE BOM, KR [72] LEE, CHUL HO, KR [71] KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY, KR [85] 2001-03-14 [86] 1999-09-15 (PCT/KR99/00548) [87] 2000-03-23 (WO00/15047) [30] KR (1998/37963) 1998-09-15</p>	<p style="text-align: center;">[21] <b>2,344,324</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C10M 177/00 7C10M 141/00</b> [25] EN [54] <b>METHOD FOR PRODUCING LUBRICATING OILS WITH ANTI-RUST PROPERTIES</b> [54] <b>PROCEDE DE PRODUCTION D'HUILES LUBRIFIANTES AUX PROPRIETES ANTIROUILLE</b> [72] NADASDI, TODD TIMOTHY, CA [72] HAYTER, WILLIAM NELSON, CA [71] EXXON RESEARCH AND ENGINEERING COMPANY, US [85] 2001-03-14 [86] 1999-10-05 (PCT/US99/23198) [87] 2000-04-20 (WO00/22074) [30] US (09/169,650) 1998-10-09 [30] US (09/399,651) 1999-09-21</p>



## PCT Applications Entering the National Phase

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[21] **2,344,325**  
[13] A1  
[51] **Int.Cl. 7C12M 3/00 7C12N 15/87**  
[25] EN  
[54] **ELECTROPORATION APPARATUS FOR CONTROL OF TEMPERATURE DURING THE PROCESS**  
[54] **APPAREIL D'ELECTROPORATION DESTINE AU CONTROLE DE LA TEMPERATURE AU COURS DU PROCESSUS**  
[72] HOFMANN, GUNTER A., US  
[72] LAVERDIERE, REJEAN, US  
[72] NANDA, GURVINDER SINGH, US  
[71] GENETRONICS, INC., US  
[85] 2001-03-14  
[86] 1999-09-27 (PCT/US99/22306)  
[87] 2000-04-27 (WO00/23563)  
[30] US (09/176,136) 1998-10-21

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[21] **2,344,327**  
[13] A1  
[51] **Int.Cl. 7H03H 7/01 7H03H 2/00**  
[25] EN  
[54] **SUPERCONDUCTING RESONATOR AND FILTER DEVICES AND METHODS FOR MANUFACTURING SAME**  
[54] **RESONATEUR SUPRACONDUCTEUR ET DISPOSITIFS DE FILTRE, ET PROCEDES DE FABRICATION DE CES DERNIERS**  
[72] MA, Q.Y., US  
[72] GAO, ERZHEN, US  
[72] SAHBA, SHAPUR, US  
[72] XU, HUI, US  
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US  
[85] 2001-03-14  
[86] 1999-09-14 (PCT/US99/21356)  
[87] 2000-04-13 (WO00/21195)  
[30] US (60/100,199) 1998-09-14  
[30] US (60/126,173) 1999-03-25

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[21] **2,344,328**  
[13] A1  
[51] **Int.Cl. 6G06F 9/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MANAGING I/O TRANSMISSIONS IN A FIBRE CHANNEL NETWORK**  
[54] **PROCEDE ET SYSTEME POUR LA GESTION DES TRANSMISSIONS D'ENTREE-SORTIE DANS UN RESEAU EN CANAUX DE FIBRES**  
[72] ARROYO, KEITH M., US  
[72] REYNOLDS, ROBERT A., US  
[71] CROSSROADS SYSTEMS, INC., US  
[85] 2001-03-14  
[86] 1999-09-15 (PCT/US99/21275)  
[87] 2000-03-23 (WO00/16192)  
[30] US (09/153,576) 1998-09-15

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[21] **2,344,330**  
[13] A1  
[51] **Int.Cl. 6A01K 27/00**  
[25] EN  
[54] **LEASH ASSEMBLY HAVING PET REFUSE BAG DISPENSER MECHANISM**  
[54] **ENSEMBLE LAISSE AVEC MECANISME DISTRIBUTEUR DE SACS A DECHETS D'ANIMAUX**  
[72] EDWARDS, TIMOTHY, US  
[72] EDWARDS, MARY, US  
[71] EDWARDS, TIMOTHY, US  
[71] EDWARDS, MARY, US  
[85] 2001-03-14  
[86] 1999-09-01 (PCT/US99/20117)  
[87] 2000-03-23 (WO00/15030)  
[30] US (60/100,484) 1998-09-16

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[21] **2,344,331**  
[13] A1  
[51] **Int.Cl. 7F15D 1/02 7F17D 1/00 7E21B 43/12**  
[25] EN  
[54] **DEVICE AND METHOD FOR ELIMINATING SEVERE SLUGGING IN MULTIPHASE-STREAM FLOW LINES**  
[54] **DISPOSITIF ET PROCEDE DE SUPPRESSION DU BOUILLONNAGE VIOLENT DANS DES CONDUITES D'ECOULEMENT MULTIPHASIQUE**  
[72] DE ALBUQUERQUE LIMA GONCALVES, MARCELO, BR  
[72] DE ALMEIDA, ALCINO RESENDE, BR  
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR  
[85] 2001-03-14  
[86] 1999-09-10 (PCT/BR99/00077)  
[87] 2000-03-30 (WO00/17526)  
[30] GB (9820277.3) 1998-09-17

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[21] **2,344,332**  
[13] A1  
[51] **Int.Cl. 7H04M 17/02 7H04M 11/06**  
[25] EN  
[54] **PUBLIC TELEPHONE HAVING PORTABLE COMPUTER INTERFACE FUNCTION AND METHOD FOR CONTROLLING THE SAME**  
[54] **TELEPHONE PUBLIC DOTE D'UNE FONCTION D'INTERFACE D'ORDINATEUR PORTABLE ET PROCEDE DE COMMANDE DUDIT TELEPHONE**  
[72] CHOI, YOUNG SUK, KR  
[71] CHOI, YOUNG SUK, KR  
[85] 2001-03-14  
[86] 1999-09-15 (PCT/KR99/00556)  
[87] 2000-03-23 (WO00/16535)  
[30] KR (1998/38003) 1998-09-15

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[21] **2,344,333**  
[13] A1  
[51] **Int.Cl. 6G01M 15/00**  
[25] EN  
[54] **VEHICLE DIAGNOSTICS INTERFACE APPARATUS**  
[54] **APPAREIL D'INTERFACAGE POUR DIAGNOSTICS DE VEHICULES**  
[72] THORLEY, GLENN MORRIS, NZ  
[71] AUTOMOTIVE ELECTRONICS LIMITED, NZ  
[85] 2001-03-14  
[86] 1999-09-13 (PCT/NZ99/00154)  
[87] 2000-03-30 (WO00/17620)  
[30] NZ (331404) 1998-09-18  
[30] NZ (332680) 1998-11-06  
[30] NZ (331404/332680) 1999-05-14

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[21] **2,344,334**  
[13] A1  
[51] **Int.Cl. 6C22B 15/00**  
[25] EN  
[54] **PROCESS FOR EXTRACTING AND RECOVERING COPPER**  
[54] **PROCEDE RELATIF A L'EXTRACTION ET A LA RECUPERATION DE CUIVRE**  
[72] SUDDERTH, R. BRANTLEY, US  
[72] GRINSTEIN, RUEBEN, US  
[72] OLAFSON, STEPHEN M., US  
[72] WOLFE, GEORGE, US  
[72] VIRNIG, MICHAEL J., US  
[71] COGNIS CORPORATION, US  
[85] 2001-03-14  
[86] 1999-09-14 (PCT/US99/21219)  
[87] 2000-03-23 (WO00/15857)  
[30] US (60/100,184) 1998-09-14  
[30] US (60/100,322) 1998-09-15  
[30] US (09/389,134) 1999-09-02

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[21] **2,344,335**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MANAGING TAXABLE EVENTS WITHIN A PORTFOLIO**  
[54] **PROCEDE ET APPAREIL DE GESTION D'EVENEMENTS IMPOSABLES DANS UN PORTEFEUILLE**  
[72] WALLMAN, STEVEN M. H., US  
[71] FOLIO-FN[, INC., US  
[85] 2001-03-14  
[86] 1999-09-09 (PCT/US99/20510)  
[87] 2000-03-23 (WO00/16226)  
[30] US (09/153,143) 1998-09-14

[21] **2,344,336**  
[13] A1

[51] **Int.Cl. 6A61K 39/39**  
[25] EN  
[54] **VACCINE PREPARATIONS CONTAINING SAPONINS**  
[54] **PREPARATIONS VACCINALES CONTENANT DES SAPONINES**  
[72] NAGAMINE, TAKASHI, JP  
[72] SUZUKI, YUZIRO, JP  
[72] KIYOHARA, HIROAKI, JP  
[72] YAMADA, HARUKI, JP  
[72] KATO, TOSHIO, JP  
[72] SUSA, EIZABURO, JP  
[72] AIZAWA, CHIKARA, JP  
[72] YABE, TAKESHI, JP  
[72] NAGAI, TAKAYUKI, JP  
[71] THE KITASATO INSTITUTE, JP  
[85] 2001-03-14  
[86] 1999-09-14 (PCT/JP99/05019)  
[87] 2000-03-23 (WO00/15257)  
[30] JP (10/259783) 1998-09-14

[21] **2,344,337**  
[13] A1

[51] **Int.Cl. 6D06F 33/02 6D06F 39/08**  
[25] EN  
[54] **OZONATED LAUNDRY SYSTEM WITH WATER RE-USE CAPABILITY**  
[54] **SYSTEME DE LESSIVE A TRAITEMENT A L'OZONE A CAPACITE DE REUTILISATION DE L'EAU**  
[72] BURDICK, ALAN, US  
[71] ENVIROCLEANSE SYSTEMS, INC., US  
[85] 2001-03-14  
[86] 1999-01-19 (PCT/US99/01070)  
[87] 2000-03-23 (WO00/15893)  
[30] US (09/153,515) 1998-09-15

[21] **2,344,338**  
[13] A1

[51] **Int.Cl. 7C08J 9/12 7C08L 25/02 7C08F 212/08 7C08F 212/12**  
[25] EN  
[54] **PROCESS FOR PRODUCING EXTRUDED FOAM WITH CO2 AS A BLOWING AGENT**  
[54] **PROCEDE DE PRODUCTION DE MOUSSE EXTRUDEE AVEC DU CO2 COMME AGENT POROGENE**  
[72] BREINDEL, RAYMOND M., US  
[72] MILLER, LARRY M., US  
[72] WEEKLEY, MITCHELL Z., US  
[71] OWENS CORNING, US  
[85] 2001-03-14  
[86] 1999-08-12 (PCT/US99/18386)  
[87] 2000-03-23 (WO00/15701)  
[30] US (09/154,288) 1998-09-16

[21] **2,344,339**  
[13] A1

[51] **Int.Cl. 7C10G 32/00 7C10L 9/06 7C10G 27/12 7C10G 27/14**  
[25] EN  
[54] **DESULFURIZATION PROCESS**  
[54] **PROCEDE DE DESULFURATION**  
[72] JEANBLANC, JAMES K., US  
[71] JEANBLANC, JAMES K., US  
[85] 2001-03-14  
[86] 1999-09-16 (PCT/US99/21478)  
[87] 2000-03-23 (WO00/15734)  
[30] US (60/100,576) 1998-09-16

[21] **2,344,340**  
[13] A1

[51] **Int.Cl. 6C09J 7/02**  
[25] EN  
[54] **HEAT-ACTIVATABLE POLYURETHANE COATINGS AND THEIR USE AS ADHESIVES**  
[54] **REVETEMENTS EN POLYURETHANE POUVANT ETRE REACTIVES PAR LA CHALEUR ET LEUR UTILISATION EN TANT QU'ADHESIFS**  
[72] GRINGOIRE, BRUNO R. L., FR  
[72] KELLER, LAJOS E., LU  
[72] LEGER, CHRISTIAN, FR  
[71] MOBIL OIL CORPORATION, US  
[85] 2001-03-14  
[86] 1999-09-14 (PCT/US99/21118)  
[87] 2000-03-23 (WO00/15728)  
[30] GB (9820121.3) 1998-09-15  
[30] US (09/215,799) 1998-12-18

[21] **2,344,341**  
[13] A1

[51] **Int.Cl. 7F16L 25/00 7H01R 4/64**  
[25] EN  
[54] **A DEVICE TO MAKE ELECTRICALLY CONDUCTING CONTACT WITH AN ELECTRICALLY CONDUCTING PORTION IN PARTICULAR OF AN ELONGATED, ESPECIALLY A SUBSTANTIALLY CYLINDRICAL STRUCTURE, FOR INSTANCE OF A TUBE OR CABLE**  
[54] **DISPOSITIF POUR ETABLIR UN CONTACT ELECTROCONDUCTEUR AVEC UNE PORTION ELECTROCONDUCTRICE PARTICULIEREMENT ALLONGEE, SURTOUT POUR DES STRUCTURES CYLINDRIQUE, D'UN TUBE OU UN CABLE**  
[72] DAUME, BRITTA, DE  
[71] KARIN DAUME MASCHINENTEILE GMBH & CO. KG, DE  
[85] 2001-03-14  
[86] 1999-09-13 (PCT/EP99/06748)  
[87] 2000-03-23 (WO00/15996)  
[30] DE (298 16 332.2) 1998-09-15  
[30] EP (99109808.8) 1999-05-19

[21] **2,344,342**  
[13] A1

[51] **Int.Cl. 7C30B 29/36 7C30B 23/00 7C30B 29/38**  
[25] EN  
[54] **PRODUCTION OF BULK SINGLE CRYSTALS OF ALUMINUM NITRIDE, SILICON CARBIDE AND ALUMINUM NITRIDE:SILICON CARBIDE ALLOY**  
[54] **FABRICATION DE MONOCRISTAUX EN VRAC DE NITRURE D'ALUMINIUM, DE CARBURE DE SILICIUM ET D'ALLIAGE NITRURE D'ALUMINIUM:CARBURE DE SILICIUM**  
[72] HUNTER, CHARLES, ERIC, US  
[71] CREE, INC., US  
[85] 2001-03-14  
[86] 1999-10-08 (PCT/US99/23487)  
[87] 2000-04-20 (WO00/22203)  
[30] US (09/169,401) 1998-10-09

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[21] **2,344,343**  
[13] A1

[51] **Int.Cl. 7D21F 1/04 7D21F 1/02**  
[25] EN  
[54] **BRIDGE DEVICE FOR PAPER FORMING EQUIPMENT AND METHOD**  
[54] **PONT DESTINE A UN EQUIPEMENT DE FORMAGE DU PAPIER ET METHODE APPROPRIEE**  
[72] BOUCHARD, DANIEL JEAN, US  
[72] LAU, JARK CHONG, US  
[72] GROPP, RONALD FREDERICK, CA  
[72] LYNGBETH, ELDON LAVAINE, CA  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2001-03-15  
[86] 1999-09-24 (PCT/US99/22202)  
[87] 2000-04-06 (WO00/19008)  
[30] US (60/102,497) 1998-09-30  
[30] US (09/372,010) 1999-08-11

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

[51] **Int.Cl. 7C08L 25/12 7C08L 9/00 7C08L 55/02**  
[25] EN  
[54] **IMPROVED RUBBER MODIFIED MONOVINYLDENE AROMATIC POLYMER COMPOSITIONS**  
[54] **COMPOSITIONS POLYMERES AROMATIQUES AMELIOREES A BASE DE MONOVINYLDENE, MODIFIEES AU CAOUTCHOUC**  
[72] VANSPEYBROECK, RONY S., BE  
[72] MAES, DOMINIQUE, BE  
[72] CERASO, JOSEPH M., US  
[72] JONES, MARY ANN, US  
[72] GALOBARDES, MERCEDES R., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2001-03-15  
[86] 1999-09-24 (PCT/US99/22246)  
[87] 2000-05-04 (WO00/24823)  
[30] US (60/105,377) 1998-10-23

[21] **2,344,345**  
[13] A1

[51] **Int.Cl. 7A63C 1/30 7A63C 1/00 7A63C 1/32**  
[25] EN  
[54] **ICE SKATE**  
[54] **PATIN A GLACE**  
[72] GOLDSMITH, EDWARD M., US  
[72] GROSSMAN, RICHARD D., US  
[71] JAS. D. EASTON, INC., US  
[85] 2001-03-15  
[86] 1999-09-15 (PCT/US99/21292)  
[87] 2000-03-23 (WO00/15312)  
[30] US (09/156,847) 1998-09-16

[21] **2,344,346**  
[13] A1

[51] **Int.Cl. 6A61F 2/00**  
[25] EN  
[54] **SURGICAL TENSION/PRESSURE MONITOR**  
[54] **CONTROLEUR CHIRURGICAL DE TENSION ET DE PRESSION**  
[72] BENDEREV, THEODORE V., US  
[71] SPRINGBOARD MEDICAL VENTURES, LLC, US  
[85] 2001-03-16  
[86] 1999-09-13 (PCT/US99/21171)  
[87] 2000-03-30 (WO00/16717)  
[30] US (09/157,466) 1998-09-21

[21] **2,344,347**  
[13] A1

[51] **Int.Cl. 6B32B 3/06 6B32B 5/02 6B32B 5/10 6B32B 5/26 6B32B 5/28**  
[25] EN  
[54] **LAMINATED STRUCTURES WITH MULTIPLE DENIER POLYESTER CORE FIBERS, RANDOMLY ORIENTED REINFORCEMENT FIBERS, AND METHODS OF MANUFACTURE**  
[54] **STRUCTURES LAMINEES POURVUES DE FIBRES DE NOYAU A DENIERS MULTIPLES POLYESTER, DE FIBRES DE RENFORT A REPARTITION ALEATOIRE ET PROCEDES DE FABRICATION CORRESPONDANTS**  
[72] FLETETMIER, TODD, US  
[72] LONG, RICHARD, US  
[72] ETTE, ROBERT, US  
[71] FINDLAY INDUSTRIES, INC., US  
[85] 2001-03-16  
[86] 1999-09-20 (PCT/US99/21972)  
[87] 2000-03-30 (WO00/16973)  
[30] US (09/156,106) 1998-09-18

[21] **2,344,349**  
[13] A1

[51] **Int.Cl. 7G03C 1/73 7H04H 9/00**  
[25] EN  
[54] **PHOTOSENSITIVE PLASTICS FILMS AND INFORMATION STORAGE DEVICES**  
[54] **FILM PLASTIQUE PHOTOSENSIBLE ET SUPPORT D'INFORMATION**  
[72] NEWBITT, DAVID MICHAEL, GB  
[72] HAWKINS, MICHAEL, GB  
[71] CPFILMS INC., US  
[85] 2001-03-16  
[86] 1999-09-17 (PCT/GB99/03097)  
[87] 2000-03-30 (WO00/17709)  
[30] GB (9820317.7) 1998-09-18

[21] **2,344,350**  
[13] A1

[51] **Int.Cl. 7C07D 215/42 7C07D 409/04 7C07D 409/12 7C07D 221/16 7A61K 31/47 7C07D 215/48**  
[25] EN  
[54] **4-CARBOXYAMINO-2-SUBSTITUTED-1,2,3,4-TETRAHYDROQUINOLINES**  
[54] **4-CARBOXYAMINO-2-SUBSTITUE-1,2,3,4-TETRAHYDROQUINOLINES**  
[72] RUGGERI, ROGER BENJAMIN, US  
[72] MAGNUS-ARYITEY, GEORGE TETTEH, US  
[72] WESTER, RONALD THURE, US  
[72] DENINNO, MICHAEL PAUL, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2001-03-16  
[86] 1999-09-10 (PCT/IB99/01532)  
[87] 2000-03-30 (WO00/17164)  
[30] US (60/100,860) 1998-09-17

[21] **2,344,351**  
[13] A1

[51] **Int.Cl. 7C09F 1/04 7C09J 193/04 7C09J 11/08**  
[25] EN  
[54] **LIGHT-COLORED, LOW MOLECULAR WEIGHT PHENOLIC-MODIFIED ROSIN ESTERS**  
[54] **COLOPHANES ESTERIFIEES MODIFIEES PAR UN COMPOSE PHENOLIQUE SE CARACTERISANT PAR LEUR COULEUR CLAIRE ET LEUR FAIBLE POIDS MOLECULAIRE**  
[72] FRIHART, CHARLES R., US  
[72] KRAJICA, KENNETH E., US  
[72] NEUMANN, BRETT A., US  
[71] ARIZONA CHEMICAL COMPANY, US  
[85] 2001-03-16  
[86] 1999-09-17 (PCT/US99/21533)  
[87] 2000-03-30 (WO00/17280)  
[30] US (09/156,337) 1998-09-18

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[21] **2,344,352**  
[13] A1

[51] **Int.Cl. 7G06K 11/08 7G06F 3/033 7G06F 1/16**  
[25] EN  
[54] **INPUT DEVICE USING SCANNING SENSORS**  
[54] **DISPOSITIF DE SAISIE UTILISANT DES DETECTEURS DE BALAYAGE**  
[72] SHIMODA, MARION, US  
[72] SILVESTER, KELAN, US  
[72] RICHARDSON, JOHN, US  
[72] CHARLESWORTH, THOMAS, US  
[72] DUNTON, RANDY, US  
[71] INTEL CORPORATION, US  
[85] 2001-03-16  
[86] 1999-08-26 (PCT/US99/19598)  
[87] 2000-04-13 (WO00/21024)  
[30] US (09/167,814) 1998-10-07  
[30] US (09/187,903) 1998-11-06

[21] **2,344,353**  
[13] A1

[51] **Int.Cl. 6F24F 7/10 6F24F 11/00 6F24F 7/06**  
[25] EN  
[54] **HEAT TRANSFER SYSTEM**  
[54] **SYSTEME DE TRANSFERT DE LA CHALEUR**  
[72] HEALY, ALWYN, AU  
[72] DARTNALL JOHATHAN KIM, AU  
[71] DARTNALL JOHATHAN KIM, AU  
[85] 2001-03-16  
[86] 1999-09-17 (PCT/AU99/00787)  
[87] 2000-03-30 (WO00/17583)  
[30] AU (PP 6002) 1998-09-17

[21] **2,344,355**  
[13] A1

[51] **Int.Cl. 7C12N 11/10 7C12N 11/02 7C12N 11/04**  
[25] EN  
[54] **MICROBEAD IMMOBILIZATION OF ENZYMES**  
[54] **IMMOBILISATION D'ENZYMES DANS DES MICROBILLES**  
[72] PRUD'HOMME, ROBERT K., US  
[72] CUKRAS, CATHERINE-ANN, US  
[72] PFEFFER, HENRY A., US  
[71] FMC CORPORATION, US  
[71] PRINCETON UNIVERSITY, US  
[85] 2001-03-15  
[86] 1999-09-16 (PCT/US99/21678)  
[87] 2000-03-30 (WO00/17333)  
[30] US (60/101,210) 1998-09-21  
[30] US (09/395,465) 1999-09-14

[21] **2,344,356**  
[13] A1

[51] **Int.Cl. 6H03K 17/68 6H02K 33/00**  
[25] EN  
[54] **FREQUENCY CONTROL OF LINEAR MOTORS**  
[54] **REGULATION DE LA FREQUENCE DE MOTEURS ELECTRIQUES LINEAIRES**  
[72] DIMANSTEIN, ISAAC, AU  
[71] AIRXCEL, INC., US  
[85] 2001-03-15  
[86] 1999-09-16 (PCT/AU99/00783)  
[87] 2000-03-23 (WO00/16482)  
[30] AU (PP 5935) 1998-09-16  
[30] AU (PP 7120) 1998-11-13

[21] **2,344,357**  
[13] A1

[51] **Int.Cl. 6G06K 9/36**  
[25] EN  
[54] **SKEW PROCESSING OF RASTER SCAN IMAGES**  
[54] **TRAITEMENT DE L'OBLIQUE D'IMAGES A BALAYAGE TRAME**  
[72] AU, KA MAN, US  
[72] ZHU, XIAOXUN, US  
[71] METROLOGIC INSTRUMENTS, INC., US  
[85] 2001-03-15  
[86] 1999-09-16 (PCT/US99/21571)  
[87] 2000-03-23 (WO00/16248)  
[30] US (09/157,156) 1998-09-17

[21] **2,344,358**  
[13] A1

[51] **Int.Cl. 7A61M 15/00**  
[25] EN  
[54] **IMPROVED INHALER**  
[54] **INHALATEUR AMELIORE**  
[72] SCHMIDT, HUGO DINES, DK  
[72] CHRISTRUP, SOREN, DK  
[72] JORGENSEN, MIKAEL, DK  
[72] RASMUSSEN, JORGEN, DK  
[72] GEERT-JENSEN, ANDERS, DK  
[71] ASTRAZENECA UK LIMITED, GB  
[85] 2001-03-15  
[86] 1999-09-24 (PCT/SE99/01683)  
[87] 2000-03-30 (WO00/16835)  
[30] DK (PA 1998 01207) 1998-09-24

[21] **2,344,359**  
[13] A1

[51] **Int.Cl. 7C07C 253/14 7C07C 17/12 7C07C 201/12 7C07C 205/12 7C07C 255/50**  
[25] EN  
[54] **CHEMICAL PROCESSES**  
[54] **NOUVEAUX PROCESSUS CHIMIQUES**  
[72] CASADO, MICHEL, FR  
[72] RATTON, PATRICK, FR  
[72] STEPHAN, DOMINIQUE, FR  
[72] VIAUVY, AGNES, FR  
[71] AVENTIS CROPS SCIENCE S.A., FR  
[85] 2001-03-15  
[86] 1999-10-11 (PCT/EP99/08135)  
[87] 2000-04-20 (WO00/21922)  
[30] EP (98420185.5) 1998-10-13  
[30] EP (98420186.3) 1998-10-13  
[30] EP (98420187.1) 1998-10-13

[21] **2,344,360**  
[13] A1

[51] **Int.Cl. 6B60G 1/00 6B60G 3/00 6B60G 5/00 6B60G 3/18 6B60G 3/20 6B60G 3/26**  
[25] EN  
[54] **A ZERO ROLL SUSPENSION SYSTEM**  
[54] **SUSPENSION A ROULIS NUL**  
[72] WAGNER, J. TODD, US  
[71] ZERO ROLL SUSPENSION CORPORATION, US  
[85] 2001-03-15  
[86] 1999-09-09 (PCT/US99/20682)  
[87] 2000-03-30 (WO00/16998)  
[30] US (60/100,830) 1998-09-18  
[30] US (60/111,390) 1998-12-08  
[30] US (09/357,684) 1999-07-20

[21] **2,344,361**  
[13] A1

[51] **Int.Cl. 7H01S 3/063**  
[25] EN  
[54] **OPTICAL CHANNEL WAVEGUIDE AMPLIFIER**  
[54] **AMPLIFICATEUR OPTIQUE DE GUIDES D'ONDES A CANAL**  
[72] MCCALLION, KEVIN J., US  
[72] LAWRENCE, BRIAN L., US  
[71] MOLECULAR OPTOELECTRONICS CORPORATION, US  
[85] 2001-03-15  
[86] 1999-09-21 (PCT/US99/21876)  
[87] 2000-04-13 (WO00/20904)  
[30] US (09/159,012) 1998-09-23

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[21] **2,344,362**  
[13] A1

[51] **Int.Cl. 7C11D 17/04 7C11D 3/37**  
[25] EN  
[54] **FABRIC CARE COMPOSITION**  
[54] **COMPOSITION AMELIORANT LES TISSUS**  
[72] PARKER, ANDREW PHILIP, GB  
[72] SAMS, PHILIP JOHN, GB  
[72] CRAWFORD, ROBERT JOHN, GB  
[72] COWEN, JANE LOUISE, GB  
[72] BAINES, FIONA LOUISE, GB  
[71] UNILEVER PLC, GB  
[85] 2001-03-15  
[86] 1999-09-01 (PCT/EP99/06431)  
[87] 2000-03-23 (WO00/15755)  
[30] GB (9820206.2) 1998-09-16  
[30] GB (9911474.6) 1999-05-17

[21] **2,344,363**  
[13] A1

[51] **Int.Cl. 6H04J 3/16 6H04J 3/22 6H04J 3/24**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR ASYNCHRONOUS TRANSFER MODE AND INTERNET PROTOCOL**  
[54] **SYSTEMES ET PROCEDES POUR MODE DE TRANSFERT ASYNCHRONE ET PROTOCOLE INTERNET**  
[72] JENSEN, MARK, US  
[72] SMITH, GUY, US  
[72] AKYILDIZ, IAN, US  
[72] ALESSI, GEORGE H., US  
[72] RAY, CHARLES G., US  
[71] SCIENTIFIC RESEARCH CORPORATION, US  
[85] 2001-03-15  
[86] 1999-09-16 (PCT/US99/21333)  
[87] 2000-03-23 (WO00/16511)  
[30] US (60/100,618) 1998-09-16

[21] **2,344,364**  
[13] A1

[51] **Int.Cl. 7A01K 13/00 7A01K 1/00 7A01K 1/02 7A01K 1/12**  
[25] EN  
[54] **A METHOD OF LURING AN ANIMAL TO A PREDETERMINED PLACE**  
[54] **PROCEDE PERMETTANT D'ATTIRER UN ANIMAL EN UN LIEU DETERMINE**  
[72] VAN DEN BERG, KAREL, NL  
[72] VERBURG, CARLO, NL  
[72] FRANSEN, RENATUS IGNATIUS JOSEPHUS, NL  
[72] VAN DER LELY, ALEXANDER, NL  
[71] LELY RESEARCH HOLDING AG, CH  
[85] 2001-03-15  
[86] 2000-07-18 (PCT/NL00/00505)  
[87] 2001-02-15 (WO01/10198)  
[30] NL (1012808) 1999-08-11

[21] **2,344,365**  
[13] A1

[51] **Int.Cl. 7C08J 9/00 7C08L 25/02 7C08J 9/12**  
[25] EN  
[54] **PROCESS FOR PRODUCING STYRENIC FOAM**  
[54] **PROCEDE DE PRODUCTION DE MOUSSE DE STYRENE**  
[72] BREINDEL, RAYMOND, US  
[72] MILLER, LARRY, US  
[72] WEEKLEY, MITCHELL, US  
[71] OWENS CORNING, US  
[85] 2001-03-15  
[86] 1999-08-12 (PCT/US99/18413)  
[87] 2000-03-23 (WO00/15699)  
[30] US (09/154,067) 1998-09-16

[21] **2,344,366**  
[13] A1

[51] **Int.Cl. 7G05B 19/4099**  
[25] EN  
[54] **PROCESS AND SYSTEM FOR WORKING A WORKPIECE THROUGH NUMERICALLY CONTROLLED MACHINE TOOLS**  
[54] **PROCESSUS ET SYSTEME POUR USINER UNE PIECE A L'AIDE DE MACHINES-OUTILS A COMMANDE NUMERIQUE**  
[72] MORFINO, GIUSEPPE, IT  
[71] FIDIA S.P.A., IT  
[85] 2001-03-15  
[86] 1999-09-01 (PCT/IT99/00277)  
[87] 2000-04-06 (WO00/19285)  
[30] IT (TO98A000812) 1998-09-25

[21] **2,344,367**  
[13] A1

[51] **Int.Cl. 7H02G 15/013**  
[25] EN  
[54] **JOINING ELEMENT FOR BRIDGING THE SEPARATING AREA OF A DIVIDED SEAL IN CABLE FITTINGS**  
[54] **ELEMENT D'ASSEMBLAGE POUR PONTER LA ZONE DE DIVISION D'UN JOINT COUPE DANS UNE GARNITURE DE CABLE**  
[72] MULLER, THORSTEN, DE  
[72] ZIMMER, RAINER, DE  
[71] RXS GESELLSCHAFT FUR VERMOGENSVERWALTUNG MBH, DE  
[85] 2001-03-15  
[86] 1999-07-01 (PCT/DE99/01945)  
[87] 2000-03-23 (WO00/16458)  
[30] DE (198 42 422.1) 1998-09-16

[21] **2,344,368**  
[13] A1

[51] **Int.Cl. 6B29C 45/16**  
[25] EN  
[54] **AN AUXILIARY INJECTION UNIT FOR A MOULD FOR FORMING PLASTICS ARTICLES HAVING AT LEAST TWO COMPONENTS**  
[54] **UNITE D'INJECTION AUXILIAIRE POUR FORMER DES ARTICLES EN PLASTIQUE POSSEDANT AU MOINS DEUX COMPOSANTS**  
[72] ORRU, ENRICO GIOVANNI, MC  
[71] PLABBER HOLDING S.A., LU  
[85] 2001-03-15  
[86] 1999-03-23 (PCT/IB99/00484)  
[87] 2000-03-30 (WO00/16956)  
[30] CH (1910/98) 1998-09-18

[21] **2,344,369**  
[13] A1

[51] **Int.Cl. 7B65G 49/06 7B65G 57/08**  
[25] EN  
[54] **PLATE STACKING**  
[54] **EMPILEMENT DE PLAQUES**  
[72] ATKINSON, MARK, GB  
[71] HEIGHTS DESIGN PRODUCTION LIMITED, GB  
[85] 2001-03-15  
[86] 1999-09-15 (PCT/GB99/03067)  
[87] 2000-03-30 (WO00/17071)  
[30] GB (9820376.3) 1998-09-19

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[13] A1

[51] **Int.Cl. 7A61K 38/19 7A61K 38/13**  
[25] EN  
[54] **CHEMOKINE RECEPTOR ANTAGONIST AND CYCLOSPORIN IN COMBINED THERAPY**  
[54] **ANTAGONISTE DU RECEPTEUR DE LA CHIMIOKINE ET CYCLOSPORINE EN THERAPIE COMBINEE**  
[72] WELLS, TIMOTHY N. C., FR  
[72] PROUDFOOT, AMANDA, FR  
[72] NELSON, PETER J., DE  
[72] GRONE, HERMANN-JOSEPH, DE  
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN  
[85] 2001-03-15  
[86] 1999-09-16 (PCT/EP99/06844)  
[87] 2000-03-30 (WO00/16796)  
[30] EP (98117697.7) 1998-09-18

[21] **2,344,371**  
[13] A1

[51] **Int.Cl. 7C09B 67/22 7C09B 67/48**  
[25] EN  
[54] **SOLID SOLUTIONS OF MONOAZO PIGMENTS**  
[54] **SOLUTIONS SOLIDES DE PIGMENTS MONOAZO**  
[72] CHISHOLM, GREIG, GB  
[72] HAY, BARRY WILLIAM, GB  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2001-03-15  
[86] 1999-10-19 (PCT/EP99/07893)  
[87] 2000-05-11 (WO00/26303)  
[30] GB (9823803.3) 1998-10-31

[21] **2,344,372**  
[13] A1

[51] **Int.Cl. 7A61K 9/16**  
[25] EN  
[54] **MULTIPLE UNIT CONTROLLED FOOD EFFECT-INDEPENDENT RELEASE PHARMACEUTICAL PREPARATIONS AND METHOD FOR PREPARING THE SAME**  
[54] **PREPARATIONS PHARMACEUTIQUES A LIBERATION CONTROLEE EN FONCTION DE L'AGITATION ET LEUR PROCEDE DE PRODUCTION**  
[72] CHANTRAINE, ERNST, DE  
[72] WEISEMANN, CLAUS, US  
[72] BRENDEL, ERICH, DE  
[72] KANIKANTI, VENKATA-RANGARAO, DE  
[72] RUPP, ROLAND, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-03-15  
[86] 1999-09-17 (PCT/EP99/06882)  
[87] 2000-03-30 (WO00/16748)  
[30] DE (198 42 753.0) 1998-09-18

[21] **2,344,373**  
[13] A1

[51] **Int.Cl. 7C07D 223/10 7C07D 295/02**  
[25] EN  
[54] **METHOD FOR THE JOINT PRODUCTION OF A CYCLIC LACTAM AND A CYCLIC AMINE**  
[54] **PROCEDE DE PREPARATION CONJOINTE D'UN LACTAME CYCLIQUE ET D'UNE AMINE CYCLIQUE**  
[72] MERGER, MARTIN, DE  
[72] FISCHER, ROLF, DE  
[72] ANSMANN, ANDREAS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2001-03-15  
[86] 1999-09-10 (PCT/EP99/06690)  
[87] 2000-03-30 (WO00/17168)  
[30] DE (198 42 900.2) 1998-09-18

[21] **2,344,379**  
[13] A1

[51] **Int.Cl. 7A61L 24/02 7A61L 27/42**  
[25] EN  
[54] **BONE REPAIR COMPOSITE MATERIAL**  
[54] **MATIERE COMPOSITE DE REPARATION OSSEUSE**  
[72] GILCHRIST, THOMAS, GB  
[72] HEALY, DAVID MICHAEL, GB  
[71] GILTECH LIMITED, GB  
[85] 2001-03-14  
[86] 1999-09-15 (PCT/GB99/03077)  
[87] 2000-03-30 (WO00/16819)  
[30] GB (9820369.8) 1998-09-19

[21] **2,344,381**  
[13] A1

[51] **Int.Cl. 7A61M 15/00**  
[25] EN  
[54] **INHALER**  
[54] **INHALEUR**  
[72] SCHMIDT, HUGO DINES, DK  
[72] JORGENSEN, MIKAEL, DK  
[72] GEERT-JENSEN, ANDERS, DK  
[72] CHRISTRUP, SOREN, DK  
[72] RASMUSSEN, JORGEN, DK  
[71] ASTRAZENECA AB, SE  
[85] 2001-03-14  
[86] 1999-09-24 (PCT/SE99/01686)  
[87] 2000-03-30 (WO00/16838)  
[30] DK (PA 1998 01207) 1998-09-24

[21] **2,344,382**  
[13] A1

[51] **Int.Cl. 7A61M 15/00**  
[25] EN  
[54] **INHALER**  
[54] **INHALATEUR**  
[72] RASMUSSEN, JORGEN, DK  
[72] SCHMIDT, HUGO DINES, DK  
[72] CHRISTRUP, SOREN, DK  
[72] JORGENSEN, MIKAEL, DK  
[72] GEERT-JENSEN, ANDERS, DK  
[71] ASTRAZENECA AB, SE  
[85] 2001-03-14  
[86] 1999-09-24 (PCT/SE99/01685)  
[87] 2000-03-30 (WO00/16837)  
[30] DK (PA 1998 01207) 1998-09-24

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[21] **2,344,383**  
[13] A1

[51] **Int.Cl. 7A61M 15/00**  
[25] EN  
[54] **INHALER**  
[54] **INHALATEUR**  
[72] RASMUSSEN, JORGEN, DK  
[72] JORGENSEN, MIKAEL, DK  
[72] GEERT-JENSEN, ANDERS, DK  
[72] SCHMIDT, HUGO DINES, DK  
[72] CHRISTRUP, SOREN, DK  
[71] ASTRAZENECA AB, SE  
[85] 2001-03-14  
[86] 1999-09-24 (PCT/SE99/01684)  
[87] 2000-03-30 (WO00/16836)  
[30] DK (PA 1998 01207) 1998-09-24

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[21] **2,344,384**  
[13] A1

[51] **Int.Cl. 7B65D 75/34 7B65D 75/58**  
[25] EN  
[54] **CHILD RESISTANT PACKAGE AND METHOD OF DISPENSING MEDICATION**  
[54] **EMBALLAGE DE SECURITE POUR ENFANTS ET PROCEDE D'ADMINISTRATION DE MEDICAMENTS**

[72] DANVILLE, DAVID ROY, US  
[71] NOVARTIS AG, CH  
[85] 2001-03-14  
[86] 1999-10-20 (PCT/EP99/07974)  
[87] 2000-05-04 (WO00/24647)  
[30] US (09/177,477) 1998-10-22

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

[51] **Int.Cl. 7G01R 31/36**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DETERMINING THE CAPACITY OF A NICKEL-CADMIUM BATTERY**  
[54] **DISPOSITIF ET PROCEDE DE DETERMINATION DE LA CAPACITE D'UNE BATTERIE NICKEL-CADMIUM**  
[72] RUDAI, PATRICK M., US  
[72] SINGH, HARMOHAN, US  
[72] PATEL, ALPESH, US  
[72] PALANISAMY, THIRUMALAI G., US  
[71] ALLIEDSIGNAL INC., US  
[85] 2001-03-15  
[86] 1999-09-15 (PCT/US99/20955)  
[87] 2000-03-23 (WO00/16115)  
[30] US (09/153,606) 1998-09-15

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[21] **2,344,387**  
[13] A1

[51] **Int.Cl. 7G11B 20/18 7G11B 7/09**  
[25] EN  
[54] **METHOD OF SCANNING A RECORDING DISC FOR DEFECTS, AND RECORDING DEVICE FOR RECORDING INFORMATION ON A DISC-SHAPED RECORDING MEDIUM**  
[54] **PROCEDE D'ANALYSE D'UN DISQUE D'ENREGISTREMENTS EN CAS DE DEFAUTS, ET DISPOSITIF D'ENREGISTREMENT POUR ENREGISTRER DES INFORMATIONS SUR UN SUPPORT D'ENREGISTREMENT EN FORME DE DISQUE**

[72] VAN DEN ENDEN, GIJSBERT JOSEPH, NL

[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL

[85] 2001-03-14  
[86] 2000-07-12 (PCT/EP00/06619)  
[87] 2001-01-25 (WO01/06510)  
[30] EP (99202323.4) 1999-07-15

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[21] **2,344,388**  
[13] A1

[51] **Int.Cl. 6H01S 3/098**  
[25] EN  
[54] **MULTIWAVELENGTH ACTIVELY MODE-LOCKED EXTERNAL CAVITY SEMICONDUCTOR LASER**  
[54] **LASER A SEMI-CONDUCTEUR ET CAVITE EXTERNE ACTIVEMENT VERROUILLE EN MODE MULTILONGUEURS D'ONDE**

[72] ABELES, JOSEPH HY, US  
[71] SARNOFF CORPORATION, US  
[85] 2001-03-14  
[86] 1999-09-20 (PCT/US99/21691)  
[87] 2000-03-30 (WO00/17971)  
[30] US (60/100,979) 1998-09-18  
[30] US (09/191,218) 1998-11-12

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[21] **2,344,389**  
[13] A1

[51] **Int.Cl. 6G02B 6/22 6G02B 6/16 6H04B 10/18**  
[25] EN  
[54] **DISPERSION COMPENSATING FIBER**  
[54] **FIBRE A COMPENSATION DE DISPERSION**

[72] OKUNO, TOSHIKI, JP  
[72] KASHIWADA, TOMONORI, JP  
[72] ISHIKAWA, SHINJI, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[85] 2001-03-15  
[86] 1999-08-17 (PCT/JP99/04413)  
[87] 2000-03-30 (WO00/17685)  
[30] JP (10/265453) 1998-09-18

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[21] **2,344,391**  
[13] A1

[51] **Int.Cl. 7H01L 33/00**  
[25] EN  
[54] **VERTICAL GEOMETRY INGAN LED**

[54] **DIODE ELECTROLUMINESCENTE INGAN A GEOMETRIE VERTICALE**  
[72] DIERINGER, HEIDI MARIE, US  
[72] KONG, HUA-SHUANG, US  
[72] SLATER, DAVID B., JR., US  
[72] DOVERSPIKE, KATHLEEN MARIE, US

[72] EDMOND, JOHN ADAM, US  
[71] CREE, INC., US  
[85] 2001-03-14  
[86] 1999-09-16 (PCT/US99/21362)  
[87] 2000-04-13 (WO00/21144)  
[30] US (09/154,363) 1998-09-16

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[21] **2,344,392**  
[13] A1

[51] **Int.Cl. 7A61G 5/10**  
[25] EN  
[54] **WHEELCHAIR HAND RIM WITH FRICTION**

[54] **VOLANT DE MANOEUVRE DE CHAISE ROULANTE AVEC FROTTEMENT**  
[72] NIKLASSON, KARL-OLOF, SE  
[71] NIKLASSON, KARL-OLOF, SE  
[85] 2001-03-15  
[86] 1999-09-01 (PCT/SE99/01500)  
[87] 2000-04-06 (WO00/18346)  
[30] SE (9803137-0) 1998-09-16  
[30] SE (9803561-1) 1998-10-16

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[21] **2,344,393**  
[13] A1

[51] **Int.Cl. 7A61B 17/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR TEMPORARILY IMMOBILIZING A LOCAL AREA OF TISSUE**  
[54] **IMMOBILISATION TEMPORAIRE D'UNE ZONE LOCALISEE DE TISSU ET DISPOSITIF A CET EFFET**  
[72] VROEGOP, ERIC, US  
[72] O'NEILL, WILLIAM G., US  
[72] GOODMAN, JACK, US  
[72] HALL, JOHN D., US  
[72] BOONE, ERIC, US  
[72] TESTA, VINCENT J., US  
[72] BORST, CORNELIUS, NL  
[72] MANSVELT-BECK, HENDRICUS J., NL  
[71] MEDTRONIC, INC., US  
[85] 2001-03-14  
[86] 1999-09-03 (PCT/US99/20305)  
[87] 2000-03-23 (WO00/15119)  
[30] US (60/100,443) 1998-09-15

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[21] **2,344,396**  
[13] A1

[51] **Int.Cl. 7A61K 9/70 7A61K 9/12 7A61K 35/78**  
[25] EN  
[54] **TRANSDERMAL DEVICES COMPRISING ESSENTIAL OILS FOR AROMATHERAPY**  
[54] **DISPOSITIFS TRANSDERMIQUES COMPRENANT DES HUILES ESSENTIELLES POUR AROMATHERAPIE**  
[72] FOTINOS, SPIROS, GR  
[71] LAVIPHARM LABORATORIES, INC., US  
[85] 2001-03-15  
[86] 1999-09-17 (PCT/US99/21580)  
[87] 2000-03-30 (WO00/16752)  
[30] US (60/100,994) 1998-09-18

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[21] **2,344,397**  
[13] A1

[51] **Int.Cl. 7C09J 7/02 7B65H 35/00 7B65D 83/08**  
[25] EN  
[54] **FILM TAPE FOR FORMING A CUTTING EDGE ON DISPENSER CARTONS**  
[54] **BANDE EN POLYMERE UTILISEE POUR FORMER UN BORD COUPANT SUR DES DISTRIBUTEURS EN CARTON**  
[72] CATTERLIN, RICHARD G., US  
[72] WILLIAMS, KIMBERLY J., US  
[72] DRAPALA, WIESLAW A., US  
[72] FOUBERT, ROLAND A., US  
[71] LINEAR PRODUCTS, INC., US  
[85] 2001-03-14  
[86] 1999-09-16 (PCT/US99/21402)  
[87] 2000-03-23 (WO00/15729)  
[30] US (09/154,005) 1998-09-16

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[21] **2,344,398**  
[13] A1

[51] **Int.Cl. 6A61M 5/32**  
[25] EN  
[54] **SURFACE MICROMACHINED MICRONEEDLES**  
[54] **MICRO-AIGUILLES MICRO-USINEES SUR UNE SURFACE**  
[72] FRAZIER, A. BRUNO, US  
[72] BRAZZLE, JOHN D., US  
[71] THE UNIVERSITY OF UTAH RESEARCH FOUNDATION, US  
[85] 2001-03-14  
[86] 1999-09-17 (PCT/US99/21509)  
[87] 2000-03-30 (WO00/16833)  
[30] US (60/101,064) 1998-09-18

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[21] **2,344,400**  
[13] A1

[51] **Int.Cl. 7H01Q 21/00 7G01S 7/03**  
[25] EN  
[54] **A DUAL CHANNEL MICROWAVE TRANSMIT/RECEIVE MODULE FOR AN ACTIVE APERTURE OF A RADAR SYSTEM**  
[54] **MODULE DE TRANSMISSION/ RECEPTION A MICRO-ONDES A DOUBLE CANAL POUR L'OUVERTURE ACTIVE D'UN SYSTEME DE RADAR**  
[72] STRACK, DAVID W., US  
[72] BONADIES, GARY N., US  
[72] HALL, GEORGE T., US  
[72] SUKO, SCOTT K., US  
[72] GIPPRICH, JOHN W., US  
[72] RICH, EDWARD L., III, US  
[72] FERRELL, GARY L., US  
[72] FISHER, JOHN S., US  
[72] GORNTO, JOHN D., US  
[72] PARKS, STEPHANIE A., GB  
[72] RICHARD, PATRICK K., US  
[72] HERLIHY, DAVID A., US  
[72] HEFFERNAN, DANIEL J., US  
[72] CASSEN, JOHN W., US  
[71] NORTHROP GRUMMAN CORPORATION, US  
[85] 2001-03-15  
[86] 1999-09-23 (PCT/US99/21745)  
[87] 2000-04-20 (WO00/22451)  
[30] US (09/158,829) 1998-09-23



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[21] **2,344,401**  
[13] A1

[51] **Int.Cl. 7A23F 3/14 7A23L 1/30 7A23L 2/38 7A23L 2/56**  
[25] EN  
[54] **COMPOSITION CONTAINING NATURAL PHENOLIC COMPOUNDS FOR PREVENTING OR TREATING ELEVATED BLOOD LIPID LEVEL-RELATED DISEASES**  
[54] **COMPOSITION CONTENANT DES COMPOSES PHENOLIQUES NATURELS AUX FINS DE LA PREVENTION ET DU TRAITEMENT DE TROUBLES LIES A LA PRESENCE D'UN TAUX ELEVE DE LIPIDES DANS LE SANG**  
[72] KWON, YONG KOOK, KR  
[72] KIM, HYU SOO, KR  
[72] LEE, CHUL HO, KR  
[72] LEE, EUN SOOK, KR  
[72] HYUN, BYUNG HWA, KR  
[72] JEONG, TAE SOOK, KR  
[72] CHOI, YANG KYU, KR  
[72] BOK, SONG HAE, KR  
[72] PARK, YOUNG BAE, KR  
[72] BAE, KI HWAN, KR  
[72] MOON, SURK SIK, KR  
[72] LEE, SAE BOM, KR  
[72] CHOI, MYUNG SOOK, KR  
[72] PARK, YONG BOK, KR  
[71] KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY, KR  
[85] 2001-03-14  
[86] 1999-09-15 (PCT/KR99/00546)  
[87] 2000-03-23 (WO00/15044)  
[30] KR (1998/37961) 1998-09-15

[21] **2,344,402**  
[13] A1

[51] **Int.Cl. 6H01J 17/49**  
[25] EN  
[54] **AC GLOW PLASMA DISCHARGE DEVICE HAVING AN ELECTRODE COVERED WITH APERTURED DIELECTRIC**  
[54] **DISPOSITIF DE DECHARGE LUMINESCENTE A PLASMA A COURANT ALTERNATIF POUR VU D'UNE ELECTRODE RECOUVERTE D'UN DIELECTRIQUE PERFORE**  
[72] KUNHARD, ERICH E., US  
[72] BECKER, KURT H., US  
[71] THE TRUSTEES OF THE STEVENS INSTITUTE OF TECHNOLOGY, US  
[85] 2001-03-15  
[86] 1999-09-15 (PCT/US99/21147)  
[87] 2000-03-23 (WO00/16367)  
[30] US (09/153,395) 1998-09-16

[21] **2,344,403**  
[13] A1

[51] **Int.Cl. 7B63B 59/06 7B05B 13/00 7B24C 9/00 7B63C 5/02 7B66F 11/04 7B24C 3/06 7E04G 1/18**  
[25] EN  
[54] **SELF-CONTAINED STAGING SYSTEM FOR CLEANING AND PAINTING BULK CARGO HOLDS**  
[54] **SYSTEME D'APPONTEMENT AUTONOME POUR LE NETTOYAGE ET LA MISE EN PEINTURE DE SOUTES VRAC**  
[72] GOLDBACH, RICHARD A., US  
[72] MCMICHAEL, JAMES A., US  
[72] GARLAND, CHARLES A., US  
[71] METRO MACHINE CORPORATION, US  
[85] 2001-03-14  
[86] 1999-08-18 (PCT/US99/16723)  
[87] 2000-03-23 (WO00/15491)  
[30] US (09/152,691) 1998-09-14

[21] **2,344,404**  
[13] A1

[51] **Int.Cl. 7B41J 2/01**  
[25] EN  
[54] **METHOD OF FORMING INDICIA ON A GAME BALL SURFACE USING AN INK JET PRINTER**  
[54] **PROCEDE DE FORMATION DE REPERES A LA SURFACE D'UNE BALLE DE JEU AU MOYEN D'UNE IMPRIMANTE A JET D'ENCRE**  
[72] PHELPS, ROBERT, US  
[72] GREEN, STEPHEN M., US  
[72] KENNEDY, THOMAS J., III, US  
[71] SPALDING SPORTS WORLDWIDE, INC., US  
[85] 2001-03-15  
[86] 1999-10-06 (PCT/US99/23150)  
[87] 2000-04-13 (WO00/20219)  
[30] US (09/166,970) 1998-10-06

[21] **2,344,405**  
[13] A1

[51] **Int.Cl. 7B65B 43/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR OPENING AND FILLING PREFABRICATED POUCHES**  
[54] **PROCEDE ET DISPOSITIF D'OUVERTURE ET DE REMPLISSAGE DE SACHETS D'EMBALLAGE PREFABRIQUES**  
[72] DOMANSKY, PHILIPPE, FR  
[72] PROTZ, MEINHARD, DE  
[71] EFFEM GMBH, DE  
[85] 2001-03-15  
[86] 1999-09-16 (PCT/EP99/06874)  
[87] 2000-03-23 (WO00/15501)  
[30] DE (198 42 362.4) 1998-09-16

[21] **2,344,406**  
[13] A1

[51] **Int.Cl. 7A23L 1/22 7C11B 9/00 7A23G 3/00 7A21D 13/08 7A23L 1/39 7A23F 3/40 7A23L 1/40 7C11D 3/50 7A23L 2/56**  
[25] EN  
[54] **ENCAPSULATED ODIFEROUS SUBSTANCES AND/OR AROMAS WITH SPECIAL RELEASING CHARACTERISTICS**  
[54] **AROMES OU AGENTS ODORIFERANTS AYANT DES CARACTERISTIQUES DE LIBERATION SPECIALES**  
[72] HINDERER, JURGEN, DE  
[72] SCHLEIFENBAUM, BIRGIT, DE  
[72] MOTHES, HELMUT, DE  
[71] HAARMANN & REIMER GMBH, DE  
[85] 2001-03-15  
[86] 1999-09-16 (PCT/EP99/06849)  
[87] 2000-03-30 (WO00/16643)  
[30] DE (198 42 919.3) 1998-09-18  
[30] DE (199 42 581.7) 1999-09-07

[21] **2,344,407**  
[13] A1

[51] **Int.Cl. 7A61K 31/195**  
[25] EN  
[54] **METHOD FOR THE TREATMENT OF MANIA AND BIPOLAR DISORDER**  
[54] **TRAITEMENT DE LA MANIE ET DES TROUBLES BIPOLAIRES**  
[72] PANDE, ATUL CHANDRA, US  
[71] WARNER-LAMBERT COMPANY, US  
[85] 2001-03-14  
[86] 1999-08-18 (PCT/US99/18981)  
[87] 2000-04-27 (WO00/23067)  
[30] US (60/104,535) 1998-10-16

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[21] **2,344,408**  
[13] A1

[51] **Int.Cl. 6H05B 37/02**  
[25] EN  
[54] **BALLAST CIRCUIT FOR HIGH INTENSITY DISCHARGE LAMPS**  
[54] **BALLAST POUR LAMPES A DECHARGE HAUTE INTENSITE**  
[72] LAU, LAKE, US  
[71] EG&G, INC., US  
[85] 2001-03-14  
[86] 1999-09-14 (PCT/US99/21183)  
[87] 2000-03-23 (WO00/16594)  
[30] US (60/100,226) 1998-09-14  
[30] US (09/258,003) 1999-02-25

[21] **2,344,409**  
[13] A1

[51] **Int.Cl. 7B60C 11/13 7B60C 11/04**  
[25] EN  
[54] **TIRE TREAD HAVING UNEVEN GROOVE WALLS**  
[54] **BANDE DE ROULEMENT A PAROIS DE RAINURES IRREGULIERES**  
[72] JANAJREH, IBRAHIM MUSTAFA, US  
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH  
[71] SOCIETE DE TECHNOLOGIE MICHELIN, FR  
[85] 2001-03-14  
[86] 2000-07-06 (PCT/US00/18457)  
[87] 2001-01-25 (WO01/05608)  
[30] US (09/353,466) 1999-07-15

[21] **2,344,410**  
[13] A1

[51] **Int.Cl. 7C04B 35/19 7C04B 41/85**  
[25] EN  
[54] **CERAMIC PRODUCT BASED ON LITHIUM ALUMINIUM SILICATE**  
[54] **PRODUIT DE CERAMIQUE A BASE D'ALUMINOSILICATE DE LITHIUM**  
[72] KOTZE, DIRK ALBERTUS, ZA  
[71] DAKOT CC, ZA  
[85] 2001-03-14  
[86] 1999-09-17 (PCT/ZA99/00095)  
[87] 2000-03-30 (WO00/17127)  
[30] ZA (98/8560) 1998-09-18  
[30] ZA (99/1435) 1999-02-23

[21] **2,344,411**  
[13] A1

[51] **Int.Cl. 7C07D 401/04 7C07D 403/04 7A61K 31/44 7A61K 31/47 7A61K 31/505**  
[25] EN  
[54] **2-ARYLALKYLTHIO -IMIDAZOLES, 2-ARYLALKENYL -THIO -IMIDAZOLES AND 2-ARYLALKINYL -THIO -IMIDAZOLES AS ANTI -INFLAMMATORY SUBSTANCES AND SUBSTANCES INHIBITING THE RELEASE OF CYTOKINE**  
[54] **2-ARYLALKYLTHIO-IMIDAZOLES, 2-ARYLALCENYL-THIO-IMIDAZOLES ET 2-ARYLALCYNYL-THIO-IMIDAZOLES EN TANT QUE SUBSTANCES ANTI-INFLAMMATOIRES ET SUBSTANCES INHIBANT LA LIBERATION DES CYTOKINES**  
[72] STRIEGEL, HANS-GUNTER, DE  
[72] NEHER, KAROLA, DE  
[72] LAUFER, STEFAN, DE  
[71] MERCKLE GMBH, DE  
[85] 2001-03-14  
[86] 1999-09-20 (PCT/EP99/06945)  
[87] 2000-03-30 (WO00/17192)  
[30] DE (198 42 833.2) 1998-09-18

[21] **2,344,412**  
[13] A1

[51] **Int.Cl. 7C07D 207/26 7C07D 401/12 7C07D 403/12 7C07D 405/12 7C07D 409/12 7C07D 207/40 7A61K 31/40 7A61K 31/44 7A61K 31/445 7A61K 31/505 7A61K 31/535 7C07D 211/88**  
[25] EN  
[54] **NOVEL THIOL DERIVATIVES, PROCESS FOR PRODUCING THE SAME AND UTILIZATION THEREOF**  
[54] **NOUVEAUX DERIVES DE THIOL, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION**  
[72] TAKIZAWA, MASAYUKI, JP  
[72] YOSHIMURA, KOJI, JP  
[72] YAMASHITA, TOSHIRO, JP  
[72] NARA, HIROSHI, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2001-03-14  
[86] 1999-09-20 (PCT/JP99/05103)  
[87] 2000-03-30 (WO00/17162)  
[30] JP (10/266037) 1998-09-21

[21] **2,344,418**  
[13] A1

[51] **Int.Cl. 6F16D 27/12 6F16D 13/75**  
[25] EN  
[54] **ELECTRO-MECHANICAL CLUTCH ACTUATOR**  
[54] **ACTIONNEUR D'EMBAYAGE ELECTROMECHANIQUE**  
[72] CARRIERE, DONALD L., US  
[72] REED, RICHARD G., JR., US  
[71] DAIMLERCHRYSLER CORPORATION, US  
[85] 2001-03-14  
[86] 1999-08-27 (PCT/US99/19637)  
[87] 2000-03-23 (WO00/15972)  
[30] US (09/153,423) 1998-09-15

[21] **2,344,419**  
[13] A1

[51] **Int.Cl. 6F16H 59/04**  
[25] EN  
[54] **SHIFT ACTUATOR FOR AN ELECTRO-MECHANICAL AUTOMATIC TRANSMISSION**  
[54] **COMMANDE DE CHANGEMENT DE VITESSE D'UNE TRANSMISSION AUTOMATIQUE ELECTROMECHANIQUE**  
[72] REED, RICHARD G., JR., US  
[72] CARRIERE, DONALD L., US  
[71] DAIMLERCHRYSLER CORPORATION, US  
[85] 2001-03-14  
[86] 1999-08-24 (PCT/US99/19209)  
[87] 2000-03-23 (WO00/15979)  
[30] US (09/153,166) 1998-09-15

[21] **2,344,420**  
[13] A1

[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **MAINTAINING ACCESS TO A VIDEO STACK AFTER AN APPLICATION CRASH**  
[54] **MAINTIEN D'ACCES A UNE PILE VIDEO APRES UNE PANNE D'APPLICATION**  
[72] KETRENOS, JAMES P., US  
[71] INTEL CORPORATION, US  
[85] 2001-03-14  
[86] 1999-08-26 (PCT/US99/19459)  
[87] 2000-03-23 (WO00/16217)  
[30] US (09/153,369) 1998-09-15

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[21] **2,344,421**  
[13] A1

[51] **Int.Cl. 7B23F 17/00 7B23F 19/00 7F16H 55/08**  
[25] EN  
[54] **METHOD OF FINISHING GEARS, AND GEAR**  
[54] **PROCEDE DE FINISSAGE D'ENGRENAGE ET ENGRENAGE**  
[72] STADTFELD, HERMANN J., US  
[72] GAISER, UWE, US  
[71] THE GLEASON WORKS, US  
[85] 2001-03-14  
[86] 1999-11-22 (PCT/US99/27742)  
[87] 2000-06-02 (WO00/30795)  
[30] US (60/109,587) 1998-11-23

[21] **2,344,422**  
[13] A1

[51] **Int.Cl. 6G11B 27/00 6H04N 5/275 6H04N 5/76**  
[25] EN  
[54] **METHOD AND APPARATUS FOR EDITING A BROADCAST PROGRAM**  
[54] **PROCEDE ET DISPOSITIF D'EDITION D'UN PROGRAMME DE RADIODIFFUSION**  
[72] BENT, ROGER, NZ  
[71] DSTD CONSULTANTS LIMITED, NZ  
[85] 2001-03-14  
[86] 1999-09-16 (PCT/NZ99/00156)  
[87] 2000-03-23 (WO00/16336)  
[30] NZ (331908) 1998-09-16

[21] **2,344,423**  
[13] A1

[51] **Int.Cl. 7B21B 1/02 7C21D 9/00 7C21D 8/02 7C21D 8/04**  
[25] EN  
[54] **METHOD FOR PRODUCING HOT-ROLLED STRIP AND PLATES**  
[54] **PROCEDE DE PRODUCTION DE FEUILLARD A CHAUD ET DE TOLES**  
[72] WEHAGE, HARALD, DE  
[72] QUITMANN, UWE, DE  
[72] FALKENRECK, UDO, DE  
[71] SMS DEMAG AG, DE  
[85] 2001-03-14  
[86] 1999-09-08 (PCT/DE99/02866)  
[87] 2000-03-23 (WO00/15362)  
[30] DE (198 43 200.3) 1998-09-14

[21] **2,344,425**  
[13] A1

[51] **Int.Cl. 7G06F 19/00 7G01R 19/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR FREQUENCY COMPENSATION IN AN ENERGY METER**  
[54] **SYSTEME ET PROCEDE DE CORRECTION DE FREQUENCE DANS UN COMPTEUR D'ENERGIE**  
[72] HOLDSCLAW, SCOTT T., US  
[72] HUBBARD, VICK A., US  
[72] HEMMINGER, RODNEY C., US  
[71] ABB POWER T & D COMPANY INC., US  
[85] 2001-03-15  
[86] 1999-10-19 (PCT/US99/24325)  
[87] 2000-06-08 (WO00/33230)  
[30] US (09/201,640) 1998-11-30

[21] **2,344,426**  
[13] A1

[51] **Int.Cl. 7H01Q 21/00 7G01S 7/28**  
[25] EN  
[54] **ANTENNA ASSEMBLY INCLUDING DUAL CHANNEL MICROWAVE TRANSMIT/RECEIVE MODULES**  
[54] **ENSEMBLE ANTENNE COMPRENANT UN MODULE EMISSION/RECEPTION HYPERFREQUENCE BICANAL**  
[72] CASSEN, JOHN W., US  
[72] BONADIES, GARY N., US  
[72] RICH, EDWARD T., III, US  
[72] LISLE, HALLEY H., IV, US  
[72] HESS, TOBY, US  
[72] HALL, GEORGE T., US  
[72] DRUDE, BRIAN T., US  
[72] KAPRAUN, RICHARD C., US  
[72] FULLER, AYN U., US  
[72] WENZLICK, DANIEL H., US  
[72] RICHARD, PATRICK K., US  
[72] HERLIHY, DAVID A., US  
[72] SCHROTE, MARK R., US  
[72] YON, KERRY M., US  
[71] NORTHROP GRUMMAN CORPORATION, US  
[85] 2001-03-15  
[86] 1999-09-22 (PCT/US99/21956)  
[87] 2000-04-13 (WO00/20881)  
[30] US (09/158,827) 1998-09-23

[21] **2,344,427**  
[13] A1

[51] **Int.Cl. 7G01S 7/03**  
[25] EN  
[54] **TRANSMIT/RECEIVE MODULE HAVING MULTIPLE TRANSMIT/RECEIVE PATHS WITH SHARED CIRCUITRY**  
[54] **MODULE EMETTEUR/RECEPTEUR A PLUSIEURS VOIES D'EMISSION/RECEPTION EN CIRCUIT PARTAGE**  
[72] GIPPRICH, JOHN W., US  
[72] STRACK, DAVID W., US  
[72] CASSEN, JOHN W., US  
[72] SUKO, SCOTT K., US  
[72] HERLIHY, DAVID A., US  
[72] FERRELL, GARY L., US  
[72] HEFFERNAN, DANIEL J., US  
[72] BONADIES, GARY N., US  
[72] RICH, EDWARD L., III, US  
[72] PARKS, STEPHANIE A., GB  
[72] FISHER, JOHN S., US  
[72] GORNTO, JOHN D., US  
[72] RICHARD, PATRICK K., US  
[71] NORTHROP GRUMMAN CORPORATION, US  
[85] 2001-03-15  
[86] 1999-09-23 (PCT/US99/22016)  
[87] 2000-04-13 (WO00/21159)  
[30] US (09/158,832) 1998-09-23

[21] **2,344,428**  
[13] A1

[51] **Int.Cl. 7C03C 13/00**  
[25] EN  
[54] **GLASS FIBERS WITH IMPROVED DURABILITY VIA LOW MGO AND AL2O3**  
[54] **FIBRES DE VERRE A DURABILITE AMELIOREE PAR UNE FAIBLE TENEUR EN MGO ET AL2O3**  
[72] MATTSO, STEPHANIE, US  
[72] RAPP, CHARLES, US  
[71] OWENS CORNING, US  
[85] 2001-03-15  
[86] 1999-08-24 (PCT/US99/19383)  
[87] 2000-03-30 (WO00/17116)  
[30] US (60/100,998) 1998-09-18

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<p>[21] <b>2,344,429</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G07F 7/10</b> [25] EN [54] <b>DEVICE FOR SUPPLYING OUTPUT DATA IN REACTION TO INPUT DATA, METHOD FOR CHECKING AUTHENTICITY AND METHOD FOR ENCRYPTED DATA TRANSMISSION</b> [54] <b>DISPOSITIF POUR FOURNIR DES DONNEES DE SORTIE EN REACTION A DES DONNEES D'ENTREE, PROCEDE DE VERIFICATION D'AUTHEENTICITE, ET PROCEDE DE TRANSFERT CODE D'INFORMATIONS</b> [72] GERHAUSER, HEINZ, DE [72] HEUER, ANDRE, DE [72] BRAND, ROLAND, DE [72] PROSCH, MARKUS, DE [72] KORTE, OLAF, DE [72] OELMAIER, FLORIAN, DE [72] PLANKENBUHLER, ROLAND, DE [71] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE [85] 2001-03-15 [86] 1999-08-27 (PCT/EP99/06312) [87] 2000-03-30 (WO00/17826) [30] DE (198 43 424.3) 1998-09-22</p>	<p>[21] <b>2,344,432</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A45D 8/36</b> [25] EN [54] <b>FLIP CLIP HAIR STYLING APPARATUS AND METHODS</b> [54] <b>DISPOSITIF ET PROCEDES DE COIFFURE UTILISANT UNE PINCE ENROULABLE</b> [72] STACHOWSKI, BARBARA C., US [71] STACHOWSKI, BARBARA C., US [85] 2001-03-15 [86] 1999-10-13 (PCT/US99/24075) [87] 2000-04-20 (WO00/21402) [30] US (09/172,093) 1998-10-13</p>	<p>[21] <b>2,344,435</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/557 7A61P 15/10 7A61K 31/415 7A61K 31/47</b> [25] EN [54] <b>COMPOSITIONS FOR THE TREATMENT OF MALE ERECTILE DYSFUNCTION</b> [54] <b>COMPOSITIONS POUR LE TRAITEMENT DE LA DYSERECTION CHEZ L'HOMME</b> [72] PODOLSKI, JOSEPH S., US [71] ZONAGEN, INC., US [85] 2001-03-15 [86] 1999-09-17 (PCT/US99/21513) [87] 2000-03-23 (WO00/15233) [30] US (09/154,677) 1998-09-17</p>
<p>[21] <b>2,344,430</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F04C 2/344 6F04C 15/04</b> [25] EN [54] <b>ROTARY MACHINE</b> [54] <b>MACHINE ROTATIVE</b> [72] STROGANOV, ALEXANDR ANATOLIEVICH, RU [72] ZIMNIKOV, ALEXANDR NIKOLAEVICH, RU [71] STROGANOV, ALEXANDR ANATOLIEVICH, RU [71] ZIMNIKOV, ALEXANDR NIKOLAEVICH, RU [85] 2001-03-15 [86] 1998-09-29 (PCT/RU98/00312) [87] 2000-04-06 (WO00/19102)</p>	<p>[21] <b>2,344,433</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 3/12 7C11D 17/06 7C11D 3/30</b> [25] EN [54] <b>BUILDER AGGLOMERATES FOR LAUNDRY DETERGENT POWDERS</b> [54] <b>AGGLOMERATS D'ADJUVANTS POUR DETERGENTS A LESSIVE EN POUDDRE</b> [72] CRUSE, JOSEPH MICHAEL, US [72] JENSEN, MICHAEL CHRIS, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-03-15 [86] 1999-09-09 (PCT/US99/20975) [87] 2000-03-30 (WO00/17299) [30] US (60/101,207) 1998-09-21 [30] US (60/101,359) 1998-09-22</p>	<p>[21] <b>2,344,436</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 71/40</b> [25] EN [54] <b>MULTI-PACK CARRIER</b> [54] <b>SUPPORT POUR EMBALLAGE GROUPE</b> [72] GALBIERZ, MICHAEL A., US [71] ECO-PAK PRODUCTS, INC., US [85] 2001-03-16 [86] 1999-09-18 (PCT/US99/21973) [87] 2000-03-30 (WO00/17063) [30] US (09/156,586) 1998-09-18</p>
<p>[21] <b>2,344,434</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 17/00 6C11D 17/06 6C11D 3/12 6C11D 3/39</b> [25] EN [54] <b>SOLID DETERGENT COMPOSITIONS</b> [54] <b>COMPOSITIONS DETERGENTES SOLIDES</b> [72] ALAM, ZAYEED, GB [72] NORWOOD, KEVIN, US [72] HARTSHORN, RICHARD TIMOTHY, GB [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-03-15 [86] 1998-09-25 (PCT/US98/20221) [87] 2000-04-06 (WO00/18869)</p>	<p>[21] <b>2,344,437</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E06B 9/24 7E06B 9/36 7E06B 9/386</b> [25] EN [54] <b>WINDOW BLIND FOR DECORATION AND SUN PROTECTION</b> [54] <b>STORE A EFFET DECORATIF ASSURANT UNE PROTECTION CONTRE LE SOLEIL</b> [72] VAN AMELSVOORT, MARCO JOHANNES CHRISTINA, NL [71] VAN AMELSVOORT, MARCO JOHANNES CHRISTINA, NL [85] 2001-03-16 [86] 1999-09-16 (PCT/NL99/00577) [87] 2000-03-23 (WO00/15939) [30] NL (1010110) 1998-09-16 [30] NL (1013031) 1999-09-13</p>	

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<p style="text-align: center;">[21] <b>2,344,438</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/12 6C07C 259/06 6A61K 31/33 6A61K 31/395 6A61K 31/445</b></p> <p>[25] EN</p> <p>[54] <b>METHOD AND COMPOSITION FOR TREATMENT OF INFLAMMATORY BOWEL DISEASE</b></p> <p>[54] <b>METHODE DE TRAITEMENT DE L'AFFECTION INTESTINALE INFLAMMATOIRE ET COMPOSITION A CET EFFET</b></p> <p>[72] BERGERON, RAYMOND J., JR., US</p> <p>[71] UNIVERSITY OF FLORIDA, US</p> <p>[85] 2001-03-16</p> <p>[86] 1999-09-17 (PCT/US99/20870)</p> <p>[87] 2000-03-30 (WO00/16765)</p> <p>[30] US (09/156,390) 1998-09-18</p>	<p style="text-align: center;">[21] <b>2,344,440</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 47/48</b></p> <p>[25] EN</p> <p>[54] <b>ANTIBODY DIRECTED ENZYME PRODRUG THERAPY (EDEPT) WITH GLUCORONIDASE</b></p> <p>[54] <b>PROCEDES ET COMPOSITIONS PERMETTANT D'AUGMENTER LA TOXICITE SPECIFIQUE CIBLE D'UN MEDICAMENT CHIMIOTHERAPIQUE</b></p> <p>[72] HANSEN, HANS J., US</p> <p>[72] GRIFFITHS, GARY L., US</p> <p>[71] IMMUNOMEDICS, INC., US</p> <p>[85] 2001-03-16</p> <p>[86] 1999-09-17 (PCT/US99/21308)</p> <p>[87] 2000-03-30 (WO00/16808)</p> <p>[30] US (60/101,039) 1998-09-18</p>	<p style="text-align: center;">[21] <b>2,344,443</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 7/00</b></p> <p>[25] EN</p> <p>[54] <b>IMPROVED THERMAL CONDITIONING APPARATUS</b></p> <p>[54] <b>APPAREIL DE CONDITIONNEMENT THERMIQUE AMELIORE</b></p> <p>[72] TOMIC-EDGAR, KERRY, US</p> <p>[72] BERAN, ANTHONY V., US</p> <p>[72] SHIGEZAWA, GORDON, US</p> <p>[71] RESPIRATORY SUPPORT PRODUCTS, INC., US</p> <p>[85] 2001-03-16</p> <p>[86] 1999-10-07 (PCT/US99/23320)</p> <p>[87] 2000-04-13 (WO00/19946)</p> <p>[30] US (09/167,663) 1998-10-07</p>
<p style="text-align: center;">[21] <b>2,344,439</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 471/04</b></p> <p>[25] EN</p> <p>[54] <b>PROCESS FOR THE PRODUCTION OF A NAPHTHYRIDINE CARBOXYLIC ACID DERIVATIVE (METHANESULFONATE SESQUIHYDRATE)</b></p> <p>[54] <b>PROCEDE DE FABRICATION D'UN DERIVE DE L'ACIDE NAPHTHYRIDINE CARBOXYLIQUE (DE SESQUIHYDRATE DE METHANESULFONATE)</b></p> <p>[72] HAYES, JEROME FRANCIS, GB</p> <p>[72] WALSGROVE, TIMOTHY CHARLES, GB</p> <p>[72] WELLS, ANDREW STEPHEN, GB</p> <p>[71] SMITHKLINE BEECHAM P.L.C., GB</p> <p>[85] 2001-03-16</p> <p>[86] 1999-09-15 (PCT/EP99/07003)</p> <p>[87] 2000-03-30 (WO00/17199)</p> <p>[30] GB (9820405.0) 1998-09-18</p>	<p style="text-align: center;">[21] <b>2,344,441</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 47/48</b></p> <p>[25] EN</p> <p>[54] <b>EXPANDIBLE MICROPARTICLE INTRACELLULAR DELIVERY SYSTEM</b></p> <p>[54] <b>SYSTEME DE TRANSPORT INTRACELLULAIRE A MICROPARTICULES EXPANSIBLES</b></p> <p>[72] ROTHMAN, JAMES E., US</p> <p>[71] ROTHMAN, JAMES E., US</p> <p>[85] 2001-03-16</p> <p>[86] 1999-09-14 (PCT/US99/21358)</p> <p>[87] 2000-03-23 (WO00/15263)</p> <p>[30] US (09/156,739) 1998-09-17</p>	<p style="text-align: center;">[21] <b>2,344,444</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A23L 1/236 7C13F 3/00 7C07K 5/06</b></p> <p>[25] EN</p> <p>[54] <b>CO-CRYSTALLIZATION OF SUGAR AND N-N-(3,3-DIMETHYLBUTYL)-1-.ALPHA.-ASPARTYL]-L-PHENYLALANINE 1-METHYL ESTER</b></p> <p>[54] <b>CO-CRISTALLISATION DE SUCRE ET DE N-N-(3,3-DIMETHYLBUTYL)-1-.ALPHA.-ASPARTYL]-L-PHENYLALANINE 1-ESTER METHYLIQUE</b></p> <p>[72] DESAI, NITIN, US</p> <p>[72] BISHAY, IHAB E., US</p> <p>[72] PRAKASH, INDRA, US</p> <p>[72] FOTOS, JIM, US</p> <p>[72] WACHHOLDER, KURT, US</p> <p>[71] THE NUTRASWEET COMPANY, US</p> <p>[85] 2001-03-16</p> <p>[86] 1999-09-16 (PCT/US99/21476)</p> <p>[87] 2000-03-23 (WO00/15050)</p> <p>[30] US (09/154,568) 1998-09-17</p>
	<p style="text-align: center;">[21] <b>2,344,442</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F24F 11/02 7F24F 11/04 7F24F 13/12</b></p> <p>[25] EN</p> <p>[54] <b>AIR HANDLING SYSTEM</b></p> <p>[54] <b>SYSTEME DE TRAITEMENT DE L'AIR</b></p> <p>[72] THOMAS, PATRICIA T., US</p> <p>[72] PAUTZ, RICHARD S., US</p> <p>[71] MUNTERS CORPORATION, US</p> <p>[85] 2001-03-16</p> <p>[86] 1999-09-22 (PCT/US99/21952)</p> <p>[87] 2000-03-30 (WO00/17584)</p> <p>[30] US (09/160,066) 1998-09-24</p>	

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[21] **2,344,445**  
[13] A1

[51] **Int.Cl. 7A61K 31/00**  
[25] EN  
[54] **ANTIFUNGAL ACTIVITY OF DICATIONIC MOLECULES**  
[54] **ACTIVITE ANTIFONGIQUE DE MOLECULES DICATIONIQUES**  
[72] PERFECT, JOHN R., US  
[72] BOYKIN, DAVID W., US  
[72] TIDWELL, RICHARD R., US  
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US  
[71] THE GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US  
[71] DUKE UNIVERSITY, US  
[85] 2001-03-16  
[86] 1999-09-15 (PCT/US99/21383)  
[87] 2000-03-23 (WO00/15212)  
[30] US (60/100,928) 1998-09-17

[21] **2,344,446**  
[13] A1

[51] **Int.Cl. 6H01J 49/06 6H01J 49/22 6H01J 49/26**  
[25] EN  
[54] **ION OPTICAL SYSTEM FOR A MASS SPECTROMETER**  
[54] **SYSTEME OPTIQUE IONIQUE POUR SPECTROMETRE DE MASSE**  
[72] KALINITCHENKO, IOURI, AU  
[71] VARIAN AUSTRALIA PTY. LTD., AU  
[85] 2001-03-16  
[86] 1999-09-14 (PCT/AU99/00766)  
[87] 2000-03-30 (WO00/17909)  
[30] AU (PP 6105) 1998-09-23  
[30] AU (PP 9672) 1999-04-12

[21] **2,344,447**  
[13] A1

[51] **Int.Cl. 7G09B 23/28 7G09B 7/00 7G06F 19/00**  
[25] EN  
[54] **METHODS AND APPARATUS FOR AUTHENTICATING INFORMED CONSENT**  
[54] **PROCEDES ET DISPOSITIF D'AUTHENTIFICATION D'UN CONSENTEMENT ECLAIRE**  
[72] MORGAN, GLEN A., US  
[72] CLARK, ROBERT L., US  
[71] VTL LINK, US  
[85] 2001-03-16  
[86] 1999-09-15 (PCT/US99/21397)  
[87] 2000-03-30 (WO00/17837)  
[30] US (09/156,460) 1998-09-18  
[30] US (60/137,364) 1999-06-03  
[30] US (09/328,685) 1999-06-09

[21] **2,344,448**  
[13] A1

[51] **Int.Cl. 6G06F 7/00**  
[25] EN  
[54] **APPARATUS AND METHODS FOR UNLOCKING PASSWORD PROTECTED SOFTWARE SYSTEMS TO RECOVER MASTER PASSWORD**  
[54] **APPAREIL ET PROCEDE PERMETTANT DE DEBLOQUER DES SYSTEMES LOGICIELS PROTEGES PAR MOT DE PASSE EN VUE DE RECUPERER LE MOT DE PASSE PRINCIPAL**  
[72] MACRAE, DOUGLAS B., US  
[72] WARD, THOMAS E., III, US  
[72] HANCOCK, KENNETH S., US  
[71] INDEX SYSTEMS, INC., VG  
[85] 2001-03-16  
[86] 1999-09-17 (PCT/US99/21507)  
[87] 2000-03-23 (WO00/16190)  
[30] US (60/100,753) 1998-09-17

[21] **2,344,449**  
[13] A1

[51] **Int.Cl. 7C01B 3/58**  
[25] EN  
[54] **CATALYSTS FOR THE SELECTIVE OXIDATION OF CARBON MONOXIDE IN HYDROGEN-CONTAINING GASES**  
[54] **CATALYSEURS D'OXYDATION SELECTIVE DU MONOXYDE DE CARBONE DANS DES GAZ CONTENANT DE L'HYDROGENE**  
[72] DE WILD, PAULUS JOHANNES, NL  
[72] VERHAAK, MICHAEL JOHANNES FRANCISCUS MARIA, NL  
[72] BAKKER, DIANNA FOKELINA, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2001-03-16  
[86] 1999-09-21 (PCT/NL99/00584)  
[87] 2000-03-30 (WO00/17097)  
[30] NL (1010140) 1998-09-21

[21] **2,344,450**  
[13] A1

[51] **Int.Cl. 7C07D 301/30 7C07D 303/16**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF GLYCIDYLESTERS OF BRANCHED CARBOXYLIC ACIDS**  
[54] **PROCEDE DE PREPARATION D'ESTERS GLYCIDYLIQUES D'ACIDES CARBOXYLIQUES RAMIFIES**  
[72] STICHTER, HENDRIK, NL  
[72] HEYMANS, DENIS MARIE CHARLES, NL  
[72] ROSENBRAND, GERRIT GERARDUS, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2001-03-16  
[86] 1999-09-22 (PCT/EP99/07393)  
[87] 2000-03-30 (WO00/17179)  
[30] EP (98203204.7) 1998-09-23  
[30] EP (99202442.2) 1999-07-23

[21] **2,344,451**  
[13] A1

[51] **Int.Cl. 7C07C 51/10 7C07C 53/128**  
[25] EN  
[54] **PROCESS FOR THE MANUFACTURE OF QUATERNARY CARBOXYLIC ACIDS**  
[54] **PROCEDE SERVANT A PREPARER DES ACIDES CARBOXYLIQUES QUATERNAIRES**  
[72] OTTEN, VINCENT, NL  
[72] LANGE, JEAN-PAUL, NL  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2001-03-16  
[86] 1999-09-15 (PCT/EP99/06998)  
[87] 2000-03-30 (WO00/17146)  
[30] EP (98203165.0) 1998-09-21

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[13] A1

[51] **Int.Cl. 7A47G 25/92 7A43B 11/00 7A43C 7/00**  
[25] EN  
[54] **SHOESTRING TYING APPARATUS**  
[54] **APPAREIL DE LACAGE DE LACETS DE CHAUSSURE**  
[72] LEE, HAE GON, KR  
[71] LEE, HAE GON, KR  
[85] 2001-03-16  
[86] 1999-08-25 (PCT/KR99/00478)  
[87] 2000-03-30 (WO00/16669)  
[30] KR (1998/17750 U) 1998-09-18

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,344,453</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 21/77 6C12M 1/00 6G01N 31/22 6G01N 33/53 6G01N 33/537 6G01N 33/543</b></p> <p>[25] EN</p> <p>[54] <b>ANALYTICAL TEST DEVICE AND METHOD OF USE</b></p> <p>[54] <b>DISPOSITIF D'ANALYSE ET UTILISATION DUDIT DISPOSITIF</b></p> <p>[72] LEE, JIN PO, US</p> <p>[71] SYNTRON BIORESEARCH, INC., US</p> <p>[85] 2001-03-16</p> <p>[86] 1998-12-29 (PCT/US98/27705)</p> <p>[87] 2000-03-30 (WO00/17626)</p> <p>[30] US (09/156,770) 1998-09-18</p>	<p style="text-align: center;">[21] <b>2,344,478</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/58</b></p> <p>[25] EN</p> <p>[54] <b>BIOLOGICAL APPLICATIONS OF SEMICONDUCTOR NANOCRYSTALS</b></p> <p>[54] <b>APPLICATIONS BIOLOGIQUES DE NANOCRISTAUX SEMI-CONDUCTEURS</b></p> <p>[72] BAWENDI, MOUNGI G., US</p> <p>[72] MIKULEC, FREDERICK V., US</p> <p>[72] SUNDAR, VIKRAM C., US</p> <p>[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US</p> <p>[85] 2001-03-14</p> <p>[86] 1999-09-17 (PCT/US99/21552)</p> <p>[87] 2000-03-30 (WO00/17642)</p> <p>[30] US (09/156,863) 1998-09-18</p> <p>[30] US (60/101,046) 1998-09-18</p> <p>[30] US (60/100,947) 1998-09-18</p> <p>[30] US (09/160,454) 1998-09-24</p> <p>[30] US (09/160,458) 1998-09-24</p> <p>[30] US (09/397,436) 1999-09-17</p> <p>[30] US (09/397,432) 1999-09-17</p> <p>[30] US (09/397,428) 1999-09-17</p>	<p style="text-align: center;">[21] <b>2,344,480</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04M 9/08 6H04R 3/00</b></p> <p>[25] EN</p> <p>[54] <b>INTERFERENCE CANCELING METHOD AND APPARATUS</b></p> <p>[54] <b>PROCEDE ET APPAREIL DE SUPPRESSION DE PARASITES</b></p> <p>[72] MARASH, JOSEPH, IL</p> <p>[72] BERDUGO, BARUCH, IL</p> <p>[71] ANDREA ELECTRONICS CORPORATION, US</p> <p>[85] 2001-03-14</p> <p>[86] 1999-09-14 (PCT/US99/21186)</p> <p>[87] 2000-03-30 (WO00/18099)</p> <p>[30] US (09/157,035) 1998-09-18</p>
<p style="text-align: center;">[21] <b>2,344,454</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 1/375</b></p> <p>[25] EN</p> <p>[54] <b>APPARATUS FOR CONNECTING A LEFT VENTRICULAR ACCESS LEAD TO A CARDIAC RHYTHM MANAGEMENT DEVICE</b></p> <p>[54] <b>APPAREIL PERMETTANT DE CONNECTER UN CONDUCTEUR D'ACCES AU VENTRICULE GAUCHE A UN DISPOSITIF DE GESTION DU RYTHME CARDIAQUE</b></p> <p>[72] SUNDBERG, GREG L., US</p> <p>[72] PERSUITTI, KEVIN J., US</p> <p>[72] COLE, MARY L., US</p> <p>[72] BARTIG, JEFFREY T., US</p> <p>[71] CARDIAC PACEMAKERS, INC., US</p> <p>[85] 2001-03-16</p> <p>[86] 1999-08-10 (PCT/US99/18077)</p> <p>[87] 2000-07-13 (WO00/40297)</p> <p>[30] US (09/227,136) 1999-01-07</p>	<p style="text-align: center;">[21] <b>2,344,479</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/58 7H05B 33/10</b></p> <p>[25] EN</p> <p>[54] <b>WATER-SOLUBLE FLUORESCENT SEMICONDUCTOR NANOCRYSTALS</b></p> <p>[54] <b>NANOCRISTAUX SEMI-CONDUCTEURS FLUORESCENTS HYDROSOLUBLES</b></p> <p>[72] MIKULEC, FREDERICK V., US</p> <p>[72] LEE, JIN-KYU, KR</p> <p>[72] BAWENDI, MOUNGI G., US</p> <p>[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US</p> <p>[85] 2001-03-14</p> <p>[86] 1999-09-17 (PCT/US99/21375)</p> <p>[87] 2000-03-30 (WO00/17655)</p> <p>[30] US (09/156,863) 1998-09-18</p>	<p style="text-align: center;">[21] <b>2,344,481</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/48</b></p> <p>[25] EN</p> <p>[54] <b>COMPOSITIONS CONTAINING MIMOSA PHENOLIC COMPOUNDS</b></p> <p>[54] <b>COMPOSITIONS CONTENANT DES COMPOSES PHENOLIQUES DE MIMOSA</b></p> <p>[72] DECLERCQ, LIEVE, BE</p> <p>[72] ANDERSON, JON E., US</p> <p>[71] E-L MANAGEMENT CORPORATION, US</p> <p>[85] 2001-03-14</p> <p>[86] 2000-05-08 (PCT/US00/12518)</p> <p>[87] 2001-02-01 (WO01/07008)</p> <p>[30] US (09/360,844) 1999-07-23</p>
<p style="text-align: center;">[21] <b>2,344,455</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/30</b></p> <p>[25] EN</p> <p>[54] <b>MICROSTRUCTURED BODY AND METHOD FOR PRODUCING THE SAME</b></p> <p>[54] <b>CORPS MICROSTRUCTURE ET SON PROCEDE DE PRODUCTION</b></p> <p>[72] KRAGL, HANS, DE</p> <p>[71] HARTING ELEKTRO-OPTISCHE BAUTEILE GMBH &amp; CO. KG, DE</p> <p>[85] 2001-03-16</p> <p>[86] 1999-09-16 (PCT/EP99/06903)</p> <p>[87] 2000-03-30 (WO00/17688)</p> <p>[30] DE (198 42 694.1) 1998-09-17</p>	<p style="text-align: center;">[21] <b>2,344,482</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38</b></p> <p>[25] EN</p> <p>[54] <b>METHOD FOR ROBUST HANDOFF IN WIRELESS COMMUNICATION SYSTEM</b></p> <p>[54] <b>PROCEDE DE TRANSFERT ROBUSTE DANS UN SYSTEME DE COMMUNICATION SANS FIL</b></p> <p>[72] BENDER, PAUL, US</p> <p>[72] GROB, MATTHEW S., US</p> <p>[72] PADOVANI, ROBERTO, US</p> <p>[72] KARMI, GADI, US</p> <p>[72] KIMBALL, ROBERT H., US</p> <p>[72] HOAGLAND, GREG M., US</p> <p>[71] QUALCOMM INCORPORATED, US</p> <p>[85] 2001-03-14</p> <p>[86] 1999-09-22 (PCT/US99/21759)</p> <p>[87] 2000-03-30 (WO00/18173)</p> <p>[30] US (09/158,665) 1998-09-22</p>	

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[21] **2,344,483**  
[13] A1

[51] **Int.Cl. 6C09D 11/00**  
[25] EN  
[54] **PIEZO INKJET INKS AND METHODS FOR MAKING AND USING SAME**  
[54] **ENCRES PIEZO-ELECTRIQUES POUR IMPRESSION PAR JET D'ENCRE ET PROCEDES DE FABRICATION ET D'UTILISATION DE CES ENCRES**  
[72] THERY, RONALD K., US  
[72] VORWERK, ROBERT M., US  
[72] ADKINS, RONALD R., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2001-03-14  
[86] 1999-02-17 (PCT/US99/03260)  
[87] 2000-04-13 (WO00/20521)  
[30] US (09/167,034) 1998-10-06

[21] **2,344,484**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36**  
[25] EN  
[54] **A METHOD FOR ACQUISITION OF CELL RELATIONS IN A CELLULAR RADIOCOMMUNICATION SYSTEM**  
[54] **OBTENTION DE RELATIONS INTRA-CELLULAIRES DANS UN SYSTEME DE RADIOCOMMUNICATIONS CELLULAIRES**  
[72] CUFFARO, ANGELO, CA  
[72] DESGAGNE, MICHEL, CA  
[72] SAMMOUR, MOHAMMED, CA  
[72] MINICHIELLO, PAT, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-03-14  
[86] 1999-09-21 (PCT/SE99/01649)  
[87] 2000-04-06 (WO00/19756)  
[30] US (09/162,122) 1998-09-29

[21] **2,344,485**  
[13] A1

[51] **Int.Cl. 6A47G 1/06 6B32B 31/00 6B32B 3/02 6A47G 1/12 6B32B 31/14**  
[25] EN  
[54] **IMPROVED DEVICE FOR FRAMING PHOTOGRAPHS, CERTIFICATES AND THE LIKE**  
[54] **DISPOSITIF D'ENCADREMENT AMELIORE POUR PHOTOGRAPHIES, CERTIFICATS, ETC.**  
[72] WOODS, CAREY P., US  
[71] WERNER, RICHARD S., US  
[85] 2001-03-14  
[86] 1999-09-07 (PCT/US99/20410)  
[87] 2000-03-23 (WO00/15084)  
[30] US (09/152,981) 1998-09-14

[21] **2,344,486**  
[13] A1

[51] **Int.Cl. 6H05B 3/14**  
[25] EN  
[54] **THIN FILM HEATING ELEMENT**  
[54] **ELEMENT CHAUFFANT A FILM MINCE**  
[72] TORPY, KEITH MARIO, AU  
[72] GEHRIG, DAVID M., AU  
[71] EMAIL LIMITED, AU  
[85] 2001-03-14  
[86] 1999-09-17 (PCT/AU99/00791)  
[87] 2000-03-30 (WO00/18189)  
[30] AU (PP 5995) 1998-09-18

[21] **2,344,487**  
[13] A1

[51] **Int.Cl. 7G02B 26/08**  
[25] EN  
[54] **FLEXIBLE, MODULAR, COMPACT FIBER OPTIC SWITCH**  
[54] **COMMUTATEUR A FIBRES OPTIQUES, COMPACT, MODULAIRE ET SOUPLE**  
[72] BAUGHMAN, TYLER L., US  
[72] DOWNING, JAMES P., US  
[72] FORKER, JOHN S., US  
[72] REZNICK, GREGORY A., US  
[72] SLATER, TIMOTHY G., US  
[72] NEUKERMANS, ARMAND P., US  
[72] CLARK, STEVEN M., US  
[72] CALMES, SAM, US  
[72] SCHUMAN, MARC R., US  
[72] RAMASWAMI, RAJIV, US  
[72] FOSTER, JACK D., US  
[71] XROS, INC., US  
[85] 2001-03-14  
[86] 1999-09-15 (PCT/US99/21139)  
[87] 2000-04-13 (WO00/20899)  
[30] US (60/100,326) 1998-09-15  
[30] US (60/130,765) 1999-04-23  
[30] US (60/142,685) 1999-07-07  
[30] US (60/144,953) 1999-07-21

[21] **2,344,489**  
[13] A1

[51] **Int.Cl. 7C08J 9/12 7B29C 44/34**  
[25] EN  
[54] **MANUFACTURING ULTRAMICROCELLULAR POLYMER FOAMS AT LOW PRESSURE**  
[54] **FABRICATION DE MOUSSES POLYMERES ULTRAMICROCELLULAIRES A BASSE PRESSION**  
[72] HANDA, Y. PAUL, CA  
[72] ZHANG, ZHIYI, CA  
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
[85] 2001-02-28  
[86] 1999-08-31 (PCT/CA99/00795)  
[87] 2000-03-09 (WO00/12596)  
[30] US (09/144,115) 1998-08-31



## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,344,491</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 35/02 6B29C 65/16</b> [25] EN [54] <b>LASER WELDED TRANSMISSION FILTER HOUSING AND METHOD AND APPARATUS FOR MAKING SAME</b> [54] <b>BOITIER DE FILTRE DE BOITE DE VITESSES, SOUDE AU LASER, PROCEDE ET APPAREIL UTILISES POUR SA FABRICATION</b> [72] BEER, MARKUS, DE [72] GIZOWSKI, JOHN W., US [72] SCHRIEMPF, J. THOMAS, US [71] IBS FILTRAN KUNSTOFF-/METALLERZEUGNISSE GMBH INDUSTRIESTR, DE [85] 2001-03-02 [86] 1999-09-03 (PCT/US99/20323) [87] 2000-03-16 (WO00/13763) [30] US (60/099,086) 1998-09-04 [30] DE (198 48 673.1) 1998-10-22 [30] DE (198 60 357.6) 1998-12-24 [30] US (09/387,807) 1999-09-01</p>	<p style="text-align: center;">[21] <b>2,344,494</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01D 53/50</b> [25] EN [54] <b>PROCESS AND APPARATUS FOR CONTROLLING AMMONIA SLIP IN THE REDUCTION OF SULFUR DIOXIDE EMISSION</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT DE CONTROLER LA CONCENTRATION AMMONIACALE DANS LA REDUCTION DES EMISSIONS DE DIOXYDE DE SOUFRE</b> [72] MENGEL, MICHAEL LYN, US [72] HAMMER, MICHAEL TOM, US [72] BROWN, GREGORY NORMAN, US [72] GANSLEY, RAYMOND RAULFS, US [71] MARSULEX ENVIRONMENTAL TECHNOLOGIES, LLC, US [85] 2001-03-06 [86] 1999-08-27 (PCT/US99/19771) [87] 2000-03-16 (WO00/13771) [30] US (09/149,190) 1998-09-08</p>	<p style="text-align: center;">[21] <b>2,344,496</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 231/02 7C07C 231/12 7C07C 231/14 7C07C 237/46</b> [25] EN [54] <b>A PROCESS FOR THE PREPARATION OF S-N,N'-BIS -2-HYDROXY-1- (HYDROXYMETHYL) ETHYL -5- -(2-HYDROXY-1-OXOPROPYL) AMINO -2,4,6- TRIODO-1,3- BENZENEDICARBOXAMIDE</b> [54] <b>PROCEDE DE PREPARATION DE S-N,N'-BIS -2-HYDROXY-1-(HYDROXYMETHYL) ETHYL -5- -(2-HYDROXY-1- OXOPROPYL) AMINO -2,4,6- TRIODO-1,3- BENZENEDICARBOXAMIDE</b> [72] DESANTIS, NICOLA, IT [72] PERETTO, ILARIA, IT [71] BRACCO IMAGING S.P.A., IT [85] 2001-03-08 [86] 1999-08-06 (PCT/EP99/05686) [87] 2000-03-23 (WO00/15602) [30] IT (MI98A001996) 1998-09-11</p>
<p style="text-align: center;">[21] <b>2,344,493</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01K 1/12</b> [25] EN [54] <b>METHOD AND DEVICE FOR CONTROLLING ANIMAL FEEDING WHEN MILKING DAIRY ANIMALS</b> [54] <b>PROCEDE ET DISPOSITIF REGLABLE PERMETTANT DE DISTRIBUER DES ALIMENTS A DES ANIMAUX PRODUCTEURS DE LAIT LORS DE LA TRAITE</b> [72] BIRK, UZI, SE [72] NORBERG, HENRIK, SE [71] DELAVAL HOLDING AB, SE [85] 2001-03-02 [86] 1999-09-03 (PCT/SE99/01531) [87] 2000-03-16 (WO00/13499) [30] SE (9803010-9) 1998-09-04</p>	<p style="text-align: center;">[21] <b>2,344,495</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63B 37/00</b> [25] EN [54] <b>GOLF BALL WITH SOFT CORE</b> [54] <b>BALLE DE GOLF A NOYAU MOU</b> [72] KENNEDY, THOMAS J., III, US [72] NESBITT, R. DENNIS, US [72] SHANNON, KEVIN, US [72] BINETTE, MARK L., US [72] NEALON, JOHN L., US [72] SULLIVAN, MICHAEL J., US [71] SPALDING SPORTS WORLDWIDE, INC., US [85] 2001-03-07 [86] 2000-08-11 (PCT/US00/22089) [87] 2001-02-15 (WO01/10511) [30] US (09/371,628) 1999-08-11</p>	<p style="text-align: center;">[21] <b>2,344,497</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21F 11/04</b> [25] EN [54] <b>PROCESS FOR MAKING CARDBOARD HAVING SAFETY MEANS</b> [54] <b>PROCEDE DE FABRICATION D'UN CARTON DOTE DE MOYENS DE SECURITE</b> [72] FIGLIOLINO, FABIO CARUCCI, BR [71] COMPANHIA SUZANO DE PAPEL E CELULOSE, BR [85] 2001-03-08 [86] 1999-09-03 (PCT/BR99/00073) [87] 2000-03-23 (WO00/15903) [30] BR (PI 9803570-3) 1998-09-11</p>

## Demandes PCT entrant en phase nationale

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[21] **2,344,498**  
[13] A1

[51] **Int.Cl. 7H04Q 7/36**  
[25] EN  
[54] **CELL LOAD SHARING IN A MOBILE-CONTROLLED CELL SELECTION ENVIRONMENT**  
[54] **PARTAGE DE LA CHARGE DES CELLULES DANS UN ENVIRONNEMENT DE SELECTION DE CELLULES COMMANDE PAR LES STATIONS MOBILES**  
[72] BJORKEN, PETER OSKAR OLOF, SE  
[72] WESTERBERG, LARS ERIK, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-03-12  
[86] 1999-09-14 (PCT/SE99/01606)  
[87] 2000-03-30 (WO00/18164)  
[30] US (09/158,259) 1998-09-22

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[21] **2,344,500**  
[13] A1

[51] **Int.Cl. 6F25D 3/06**  
[25] EN  
[54] **COLD TRANSPORTATION METHOD**  
[54] **PROCEDE DE TRANSPORT FRIGORIFIQUE**  
[72] PAUL, JOACHIM, DE  
[71] INTEGRAL ENERGIETECHNIK GMBH, DE  
[85] 2001-03-12  
[86] 1998-09-14 (PCT/DE98/02724)  
[87] 2000-03-23 (WO00/16027)

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[21] **2,344,501**  
[13] A1

[51] **Int.Cl. 6H04L 27/22**  
[25] EN  
[54] **RADIO DIGITAL SIGNAL RECEIVER**  
[54] **RECEPTEUR DE SIGNAUX NUMERIQUES RADIO**  
[72] HORII, AKIHIRO, JP  
[72] SUZUKI, SHOICHI, JP  
[72] SHIRAISHI, KENICHI, JP  
[72] MATSUDA, SHOJI, JP  
[72] WADA, TAKAHIRO, JP  
[71] KENWOOD TMI CORPORATION, JP  
[71] KABUSHIKI KAISHA KENWOOD, JP  
[85] 2001-03-13  
[86] 1999-09-17 (PCT/JP99/05088)  
[87] 2000-03-30 (WO00/18077)  
[30] JP (10/282046) 1998-09-18

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[21] **2,344,503**  
[13] A1

[51] **Int.Cl. 6F25J 3/04**  
[25] EN  
[54] **PROCESS AND APPARATUS FOR THE PRODUCTION OF NITROGEN BY CRYOGENIC DISTILLATION USING A DEHPLEGMATOR**  
[54] **PROCEDE ET APPAREIL DESTINES A LA FABRICATION D'AZOTE PAR DISTILLATION CRYOGENIQUE AU MOYEN D'UN DEFLEGMATEUR**  
[72] HA, BAO, US  
[71] L' AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCED, FR  
[85] 2000-10-30  
[86] 1999-05-17 (PCT/US99/07050)  
[87] 1999-12-02 (WO99/61854)  
[30] US (09/083,570) 1998-05-22

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[21] **2,344,505**  
[13] A1

[51] **Int.Cl. 7C08G 18/22 7C07F 7/00 7C08K 5/00 7C08L 75/00 7B27N 3/00**  
[25] EN  
[54] **POLYISOCYANATE COMPOSITIONS**  
[54] **COMPOSITIONS DE POLYISOCYANATE**  
[72] SKINNER, CHRISTOPHER JOHN, BE  
[71] HUNTSMAN INTERNATIONAL LLC, US  
[85] 2001-01-02  
[86] 1999-07-09 (PCT/EP99/04844)  
[87] 2000-01-20 (WO00/02941)  
[30] GB (9815029.5) 1998-07-11

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[21] **2,344,506**  
[13] A1

[51] **Int.Cl. 6C07K 1/113 6C07K 14/61**  
[25] EN  
[54] **METHOD FOR THE PRODUCTION OF RECOMBINANT PEPTIDES WITH A LOW AMOUNT OF TRISULFIDES**  
[54] **PROCEDE DE PRODUCTION DE PEPTIDES RECOMBINES A FAIBLE TENEUR EN TRISULFURES**  
[72] HEMMENDORFF, BARBRO, SE  
[72] PERSSON, ANDERS, SE  
[72] CASTAN, ANDREAS, SE  
[71] PHARMACIA AB, SE  
[85] 2001-01-05  
[86] 1999-07-05 (PCT/SE99/01222)  
[87] 2000-01-20 (WO00/02900)  
[30] SE (9802454-0) 1998-07-08

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[21] **2,344,509**  
[13] A1

[51] **Int.Cl. 7C01B 31/04 7B29C 67/24 7B29C 70/40 7C04B 35/52**  
[25] EN  
[54] **FLEXIBLE GRAPHITE ARTICLE AND METHOD OF MANUFACTURE**  
[54] **ARTICLE GRAPHITE FLEXIBLE ET SON PROCEDE DE FABRICATION**  
[72] CAPP, JOSEPH PAUL, US  
[72] WEBER, THOMAS WILLIAM, US  
[72] WARDDRIP, MICHAEL LEE, US  
[72] MERCURI, ROBERT ANGELO, US  
[71] GRAFTECH INC., US  
[85] 2001-01-05  
[86] 2000-04-07 (PCT/US00/09402)  
[87] 2000-11-02 (WO00/64808)  
[30] US (09/287,899) 1999-04-07

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[21] **2,344,516**  
[13] A1

[51] **Int.Cl. 7B27N 7/00**  
[25] EN  
[54] **METHOD OF MANUFACTURING A MOLDED DOOR SKIN FROM A FLAT WOOD COMPOSITE, DOOR SKIN PRODUCED THEREFROM, AND DOOR MANUFACTURED THEREWITH**  
[54] **PROCEDE DE FABRICATION D'UN PAREMENT DE PORTE MOULE A PARTIR D'UN COMPOSITE DE BOIS PLAT, PAREMENT DE PORTE OBTENU ET PORTE FABRIQUEE AVEC CE PAREMENT DE PORTE**  
[72] MOYES, HARTLEY, GB  
[71] MDF, INC., US  
[85] 2001-01-08  
[86] 1999-07-27 (PCT/US99/16881)  
[87] 2000-02-10 (WO00/06354)  
[30] GB (9816534.3) 1998-07-29

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[21] **2,344,517**  
[13] A1

[51] **Int.Cl. 7D21H 19/38 7G03G 7/00 7D21H 21/52**  
[25] EN  
[54] **PIGMENT MATERIALS AND THEIR USE IN COATING COMPOSITIONS**  
[54] **MATERIAUX DE PIGMENTATION ET LEUR MISE EN APPLICATION DANS DES COMPOSITIONS DE REVETEMENT**  
[72] PRESTON, JANET SUSAN, GB  
[72] JONES, JAMES PHILIP EYNON, US  
[72] HIORNS, ANTHONY GORDON, GB  
[71] IMERYS MINERALS LIMITED, GB  
[85] 2001-01-16  
[86] 1999-07-16 (PCT/GB99/02150)  
[87] 2000-01-27 (WO00/04231)  
[30] US (60/093,201) 1998-07-17

[21] **2,344,518**  
[13] A1

[51] **Int.Cl. 6C30B 29/58 6C07H 21/00 6C08H 1/00 6C12N 9/00 6C07K 1/14**  
[25] EN  
[54] **CRYSTAL GROWING METHOD AND CRYSTAL GROWING APPARATUS**  
[54] **PROCEDE ET APPAREIL DE CRISTALLOGENESE**  
[72] SANJOH, AKIRA, JP  
[71] SUMITOMO METAL INDUSTRIES, LTD., JP  
[85] 2001-02-07  
[86] 1999-08-11 (PCT/JP99/04361)  
[87] 2000-02-24 (WO00/09786)  
[30] JP (10/227879) 1998-08-12

[21] **2,344,519**  
[13] A1

[51] **Int.Cl. 6A63F 3/00 6G07C 15/00 6G06F 19/00 6A63F 3/06**  
[25] EN  
[54] **GAME METHOD USING BETS, VARIANTS AND DEVICE FOR REALISING THE SAME**  
[54] **PROCEDE DE JEU REPOSANT SUR DES PARIS, VARIANTES ET DISPOSITIF DE MISE EN OEUVRE**  
[72] SILAEV, ALEXANDR I., RU  
[71] SILAEV, ALEXANDR I., RU  
[85] 2001-02-12  
[86] 1998-11-17 (PCT/RU98/00384)  
[87] 2000-02-24 (WO00/09224)  
[30] EA (199800706) 1998-08-13

[21] **2,344,520**  
[13] A1

[51] **Int.Cl. 7A61K 31/435 7A61K 31/00 7A61K 45/06 7A61K 38/18 7A61K 31/44 7A61K 31/445 7C07K 14/48 7A61K 31/50**  
[25] EN  
[54] **PIPECOLIC ACID DERIVATIVES FOR VISION AND MEMORY DISORDERS**  
[54] **DERIVES DE L'ACIDE PIPECOLIQUE DESTINES AUX TROUBLES DE LA VISION ET DE LA MEMOIRE**  
[72] HAMILTON, GREGORY S., US  
[72] SAUER, HANSJORG, US  
[72] STEINER, JOSEPH P., US  
[72] ROSS, DOUGLAS T., US  
[71] GPI NIL HOLDINGS, INC., US  
[85] 2001-02-14  
[86] 1999-08-12 (PCT/US99/18242)  
[87] 2000-02-24 (WO00/09109)  
[30] US (09/134,417) 1998-08-14

[21] **2,344,521**  
[13] A1

[51] **Int.Cl. 7G06F 17/60 7H04L 12/58**  
[25] EN  
[54] **METHOD AND APPARATUS FOR COMPUTED RELEVANCE MESSAGING**  
[54] **PROCEDE ET APPAREIL DESTINES A UNE MESSAGERIE PERTINENTE GERE PAR ORDINATEUR**  
[72] LIPPINCOTT, LISA ELLEN, US  
[72] HINDAWI, DAVID SALIM, US  
[72] DONOHO, DAVID LEIGH, US  
[71] BIGFIX, INC., US  
[85] 2001-02-20  
[86] 1999-08-27 (PCT/US99/19751)  
[87] 2000-03-09 (WO00/13121)  
[30] US (60/098,798) 1998-09-01  
[30] US (09/272,937) 1999-03-19  
[30] US (09/315,732) 1999-05-20  
[30] US (09/351,416) 1999-07-09

[21] **2,344,523**  
[13] A1

[51] **Int.Cl. 7G10L 19/04 7H04S 1/00**  
[25] EN  
[54] **MULTI-CHANNEL SIGNAL ENCODING AND DECODING**  
[54] **CODAGE ET DECODAGE DE SIGNAUX MULTI-CANAUX**  
[72] MINDE, TOR BJORN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-03-13  
[86] 1999-09-15 (PCT/SE99/01610)  
[87] 2000-04-06 (WO00/19413)  
[30] SE (9803321-0) 1998-09-30

[21] **2,344,524**  
[13] A1

[51] **Int.Cl. 7G06T 11/40**  
[25] EN  
[54] **IMPROVED S-BUFFER ANTI-ALIASING METHOD**  
[54] **PROCEDE AMELIORE D'ANTI-CRENELAGE A TAMPON S**  
[72] STEINER, WALTER R., US  
[71] REAL 3D, INC., US  
[85] 2001-03-13  
[86] 2000-07-17 (PCT/US00/19523)  
[87] 2001-01-25 (WO01/06460)  
[30] US (09/354,189) 1999-07-15

[21] **2,344,526**  
[13] A1

[51] **Int.Cl. 7C22C 21/00**  
[25] EN  
[54] **ALUMINUM DIE CAST ALLOY HAVING HIGH MANGANESE CONTENT**  
[54] **ALLIAGE D'ALUMINUM MOULE SOUS PRESSION AYANT UNE FORTE TENEUR EN MANGANESE**  
[72] GIBBS, ROLAND N., US  
[72] EVANS, JAMES M., US  
[72] TURNER, MORRIS EARL, US  
[72] HAGAN, RICHARD J., US  
[71] GIBBS DIE CASTING ALUMINUM CORPORATION, US  
[85] 2001-03-14  
[86] 1999-09-17 (PCT/US99/21639)  
[87] 2000-03-30 (WO00/17410)  
[30] US (60/101,313) 1998-09-21

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<p style="text-align: right;">[21] <b>2,344,528</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B25H 3/00</b> [25] EN [54] <b>WORKSTATION AND SPRING-ASSISTED DOOR THEREFOR</b> [54] <b>POSTE DE TRAVAIL ET PORTE A RESSORT CONCUE POUR LEDIT POSTE DE TRAVAIL</b> [72] PUTNEY, GORDON A., US [72] SLIVON, GEORGE R., US [72] HAPP, KENNETH C., US [72] PARISE, JACK A., US [71] SNAP-ON TECHNOLOGIES, INC., US [85] 2001-03-14 [86] 2000-07-28 (PCT/US00/20729) [87] 2001-02-08 (WO01/08854) [30] US (60/146,639) 1999-07-30</p>	<p style="text-align: right;">[21] <b>2,344,532</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01C 7/02 7H05B 3/14</b> [25] EN [54] <b>PTC ELEMENT AND METHOD OF MANUFACTURING THE SAME</b> [54] <b>DISPOSITIF A COEFFICIENT DE TEMPERATURE POSITIF ET SON PROCEDE DE FABRICATION</b> [72] KATAOKA, MITSUHIRO, JP [72] TAKAHATA, OKIKUNI, JP [71] TOKIN CORPORATION (KABUSHIKI KAISHA TOKIN), JP [85] 2001-03-15 [86] 2000-07-14 (PCT/JP00/04777) [87] 2001-01-25 (WO01/06521) [30] JP (11/202617) 1999-07-16</p>	<p style="text-align: right;">[21] <b>2,344,536</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01S 5/026</b> [25] EN [54] <b>A TUNEABLE LASER AND A METHOD OF TUNING THE SAME</b> [54] <b>LASER ACCORDABLE ET PROCEDE POUR ACCORDER CE DERNIER</b> [72] RIGOLE, PIERRE JEAN, SE [71] ACREO AB, SE [85] 2001-03-19 [86] 1999-09-28 (PCT/SE99/01715) [87] 2000-04-20 (WO00/22705) [30] SE (9803285-7) 1998-09-28</p>
<p style="text-align: right;">[21] <b>2,344,529</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01D 3/04 7C10G 7/10</b> [25] EN [54] <b>REFINERY ATMOSPHERIC PIPESTILL WITH AMMONIA STRIPPING</b> [54] <b>FOUR TUBULAIRE ATMOSPHERIQUE DE RAFFINERIE AVEC ELIMINATION D'AMMONIAC</b> [72] SARTORI, GUIDO, US [72] SAVAGE, DAVID WILLIAM, US [71] EXXON RESEARCH AND ENGINEERING COMPANY, US [85] 2001-03-15 [86] 1999-09-17 (PCT/US99/21415) [87] 2000-04-13 (WO00/20087) [30] US (09/167,152) 1998-10-06</p>	<p style="text-align: right;">[21] <b>2,344,533</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47K 5/12</b> [25] EN [54] <b>DUAL USE DISPENSING SYSTEM</b> [54] <b>SYSTEME DE DISTRIBUTION DOUBLE EMPLOI</b> [72] LEWIS, RICHARD PAUL, US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 2001-03-15 [86] 1999-09-17 (PCT/US99/21499) [87] 2000-04-06 (WO00/18282) [30] US (60/102,455) 1998-09-30 [30] US (09/356,265) 1999-07-16</p>	<p style="text-align: right;">[21] <b>2,344,538</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21F 11/00</b> [25] EN [54] <b>HIGH CALIPER PAPER AND PAPERMAKING BELT FOR PRODUCING THE SAME</b> [54] <b>PAPIER DE FORTE EPAISSEUR ET TOILE DE MACHINE A PAPIER SERVANT A LA PRODUCTION DE CE PAPIER</b> [72] FICKE, JONATHAN ANDREW, US [72] ZHANG, YANPING, US [72] VINSON, KENNETH DOUGLAS, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-03-16 [86] 1999-09-21 (PCT/US99/21877) [87] 2000-04-06 (WO00/19014) [30] US (09/165,888) 1998-09-30</p>
<p style="text-align: right;">[21] <b>2,344,530</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 21/67 6G01N 21/74</b> [25] EN [54] <b>METHOD FOR THE THERMIONIC ATOMISATION OF A SAMPLE AND DEVICE FOR REALISING THE SAME</b> [54] <b>PROCEDE D'ATOMISATION THERMOIONIQUE D'ECHANTILLONS ET DISPOSITIF DE MISE EN OEUVRE DE CE PROCEDE</b> [72] GANEEV, ALEXANDR AKHATOVICH, RU [72] SHOLUPOV, SERGEI EVGENIEVICH, RU [71] GANEEV, ALEXANDR AKHATOVICH, RU [71] SHOLUPOV, SERGEI EVGENIEVICH, RU [85] 2001-03-15 [86] 1998-09-21 (PCT/RU98/00294) [87] 2000-03-30 (WO00/17628)</p>	<p style="text-align: right;">[21] <b>2,344,535</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 17/06 7C11D 11/00</b> [25] EN [54] <b>GRANULAR DETERGENT COMPOSITIONS HAVING HOMOGENOUS PARTICLES AND PROCESS FOR PRODUCING SAME</b> [54] <b>COMPOSITIONS DE DETERGENT GRANULAIRES COMPORTANT DES PARTICULES HOMOGENES ET PROCEDE DE PRODUCTION DE CELLES-CI</b> [72] CAPECI, SCOTT WILLIAM, US [72] RIDYARD, MARK WILLIAM, GB [72] MORT, PAUL R., III, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-03-19 [86] 1999-09-24 (PCT/US99/22395) [87] 2000-04-06 (WO00/18877) [30] US (PCT/US98/20223) 1998-09-25 [30] US (60/140,088) 1999-06-21</p>	

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[21] **2,344,540**  
[13] A1

[51] **Int.Cl. 6C07C 67/08 6C07C 69/003 6C07C 69/013 6C07C 69/02 6C07C 69/025 6C07C 69/03 6C07C 69/34 6C07C 69/347 6C07C 69/36 6C07C 69/40 6C07C 69/42 6C08G 18/42 6C07C 69/44 6C07C 69/48 6C07C 69/50 6C07C 69/52 6C07C 69/527 6C07C 69/60 6C07C 69/675 6C08G 18/68 6C08G 18/79 6C08G 18/80**

[25] EN

[54] **POWDER COATINGS BASED ON BRANCHED OLIGOESTERS AND NON-EMISSIVE URETDIONE POLYISOCYANATES**

[54] **REVETEMENT EN POUDRE A BASE D'OLIGO-ESTERS A CHAINONS ET DE POLYISOCYANATES**

**D'URETDIONE NON EMISSIFS**

[72] PANANDIKER, KAMLESH P., US

[72] SPITLER, FRANKLIN PAUL, US

[72] BRONK, JOHN MICHAEL, US

[71] MCWHORTER TECHNOLOGIES, INC., US

[85] 2001-03-16

[86] 1999-09-09 (PCT/US99/20654)

[87] 2000-03-30 (WO00/17148)

[30] US (09/156,254) 1998-09-18

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[21] **2,344,542**  
[13] A1

[51] **Int.Cl. 6G06F 17/30**

[25] EN

[54] **DATABASE SYNCHRONIZATION AND ORGANIZATION SYSTEM AND METHOD**

[54] **SYNCHRONISATION DE BASE DE DONNEES, SYSTEME ET PROCEDE D'ORGANISATION**

[72] MCGEOUGH, FRANK H., US

[72] MALIK, SANJOY, US

[72] MAHAJAN, SAMEER S., US

[72] NAVATHE, SHAMKANT B., US

[72] AMMAR, MOSTAFA H., US

[72] DONAHO, MICHAEL J., US

[71] SYNCHROLOGIC, INC., US

[85] 2001-03-16

[86] 1999-09-17 (PCT/US99/21661)

[87] 2000-03-23 (WO00/16222)

[30] US (09/156,075) 1998-09-17

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[21] **2,344,543**  
[13] A1

[51] **Int.Cl. 6H04J 14/00 6H04J 14/02 6H04B 10/16 6H04B 10/17 6H04B 10/18**

[25] EN

[54] **WAVELENGTH DIVISION MULTIPLEXING SYSTEMS**

[54] **SYSTEMES DE MULTIPLEXAGE EN LONGUEUR D'ONDE**

[72] LUCERO, ALAN J., US

[72] TSUDA, SERGIO, US

[72] ENNSER, KARIN M., US

[72] DASILVA, VALERIA L., US

[72] LIU, YANMING, US

[71] CORNING INCORPORATED, US

[85] 2001-03-16

[86] 1999-09-21 (PCT/US99/22009)

[87] 2000-03-30 (WO00/18047)

[30] US (60/101,241) 1998-09-21

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[21] **2,344,544**  
[13] A1

[51] **Int.Cl. 6G01N 33/543 6G01N 33/558**

[25] EN

[54] **ANALYTICAL TEST DEVICE AND METHOD OF USE**

[54] **DISPOSITIF DE TEST ANALYTIQUE ET PROCEDE D'UTILISATION**

[72] LEE, JIN PO, US

[71] SYNTRON BIORESEARCH, INC., US

[85] 2001-03-16

[86] 1998-12-29 (PCT/US98/27698)

[87] 2000-03-30 (WO00/17651)

[30] US (09/157,279) 1998-09-18

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[21] **2,344,545**  
[13] A1

[51] **Int.Cl. 7C25C 3/22 7B07B 4/02 7C01F 7/46 7B01D 53/68**

[25] EN

[54] **METHOD AND DEVICE FOR A DRY CLEANSING PLANT FOR ALUMINIUM REDUCTION FURNACES EXHAUST GAS**

[54] **PROCEDE ET DISPOSITIF POUR INSTALLATION DE NETTOYAGE A SEC DU GAZ D'ECHAPPEMENT DE FOURS DE REDUCTION D'ALUMINIUM**

[72] BJARNO, ODD E., NO

[72] BOCKMAN, OLE K., NO

[71] ABB FLÄKT AB, SE

[85] 2001-03-16

[86] 1999-09-16 (PCT/NO99/00284)

[87] 2000-03-23 (WO00/15873)

[30] NO (19984318) 1998-09-17

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[21] **2,344,546**  
[13] A1

[51] **Int.Cl. 7C08K 5/00 7C04B 24/32**

[25] EN

[54] **STABILIZED, WATER-SOLUBLE POLYMER POWDERS BASED ON POLYOXYALKYLENE GLYCOL CARBOXYLATES AND PROCESS FOR THEIR PREPARATION**

[54] **POUDRES POLYMERES HYDROSOLUBLES ET STABILISEES, A BASE DE CARBOXYLATES DE POLYOXYALKYLENEGLYCOL ET PROCEDES DE PREPARATION DESDITES POUDRES**

[72] WUTZ, KONRAD, DE

[72] WEICHMANN, JOSEF, DE

[72] BICHLER, MANFRED, DE

[72] ALBRECHT, GERHARD, DE

[72] KERN, ALFRED, DE

[71] SKW BAUCHEMIE GMBH, DE

[85] 2001-03-16

[86] 1999-09-23 (PCT/EP99/07103)

[87] 2000-03-30 (WO00/17263)

[30] DE (198 43 730.7) 1998-09-24

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[21] **2,344,547**  
[13] A1

[51] **Int.Cl. 6A01M 1/00 6A01N 25/00 6A01N 31/00**

[25] EN

[54] **CHEMICAL ATTRACTANTS FOR MOTHS**

[54] **SUBSTANCES CHIMIQUES ATTRACTIVES ANTIMITES**

[72] LANDOLT, PETER J., US

[72] HEATH, ROBERT R., US

[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, US

[85] 2001-03-16

[86] 1999-09-15 (PCT/US99/21037)

[87] 2000-03-30 (WO00/16616)

[30] US (09/156,348) 1998-09-18

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<p style="text-align: right;">[21] <b>2,344,548</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 21/26</b> [25] EN [54] <b>METHOD AND APPARATUS FOR PREPARING LIQUID DIALYSATE</b> [54] <b>PREPARATION DE DIALYSAT LIQUIDE ET APPAREIL A CET EFFET</b> [72] NEWHOUSE, CHARLES E., US [72] CHIOINI, ROBERT L., US [71] ROCKWELL MEDICAL TECHNOLOGIES, INC., US [85] 2001-03-16 [86] 1999-09-17 (PCT/US99/21512) [87] 2000-03-30 (WO00/16873) [30] US (60/100,980) 1998-09-18</p>	<p style="text-align: right;">[21] <b>2,344,555</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E04H 15/50</b> [25] EN [54] <b>RESILIENT SUPPORT FOR ERECTABLE SHELTER ROOF</b> [54] <b>SUPPORT SOUPLE POUR TOIT D'ABRI MONTABLE</b> [72] CARTER, MARK C., US [71] CARTER, MARK C., US [85] 2001-03-16 [86] 1999-08-12 (PCT/US99/18503) [87] 2000-03-23 (WO00/15929) [30] US (09/156,313) 1998-09-17</p>	<p style="text-align: right;">[21] <b>2,344,568</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38</b> [25] EN [54] <b>A SYSTEM AND METHOD FOR MESSAGE TRANSPORT AND SEGMENTATION</b> [54] <b>SYSTEME ET PROCEDE PERMETTANT DE TRANSPORTER ET DE SEGMENTER DES MESSAGES</b> [72] SANCHEZ, EDUARDO, MX [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-03-19 [86] 1999-10-08 (PCT/SE99/01825) [87] 2000-04-27 (WO00/24220) [30] US (60/104,929) 1998-10-20 [30] US (09/395,078) 1999-09-13</p>
<p style="text-align: right;">[21] <b>2,344,553</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61G 7/08 7B32B 5/06 7A61F 5/48</b> [25] EN [54] <b>PATIENT TRANSFER AND REPOSITIONING SYSTEM</b> [54] <b>SYSTEME PERMETTANT LE TRANSFERT ET LE REPOSITIONNEMENT D'UN PATIENT</b> [72] VOTEL, THOMAS W., US [71] ERGODYNE CORPORATION, US [85] 2001-03-16 [86] 1999-10-13 (PCT/US99/23656) [87] 2000-04-27 (WO00/23026) [30] US (09/174,110) 1998-10-17</p>	<p style="text-align: right;">[21] <b>2,344,556</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 215/48 7C07D 401/12 7C07D 417/12 7C07D 215/42 7A61K 31/47</b> [25] EN [54] <b>4-CARBOXYAMINO-2-METHYL-1,2,3,4-TETRAHYDROQUINOLINES</b> [54] <b>4-CARBOXYAMINO-2-METHYL-1,2,3,4-TETRAHYDRO-QUINOLEINE</b> [72] WESTER, RONALD THURE, US [72] RUGGERI, ROGER BENJAMIN, US [72] DENINNO, MICHAEL PAUL, US [72] MULARSKI, CHRISTIAN JAMES, US [71] PFIZER PRODUCTS INC., US [85] 2001-03-16 [86] 1999-09-10 (PCT/IB99/01529) [87] 2000-03-30 (WO00/17166) [30] US (60/100,929) 1998-09-17</p>	<p style="text-align: right;">[21] <b>2,344,570</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B05B 1/08</b> [25] EN [54] <b>FEEDBACK-FREE FLUIDIC OSCILLATOR AND METHOD</b> [54] <b>OSCILLATEUR FLUIDIQUE EXEMPT DE RETROACTION ET PROCEDE ASSOCIE</b> [72] RAGHU, SURYA, US [71] BOWLES FLUIDICS CORPORATION, US [85] 2001-03-19 [86] 1999-10-15 (PCT/US99/21463) [87] 2000-04-27 (WO00/23197) [30] US (60/104,511) 1998-10-16 [30] US (09/417,899) 1999-10-14</p>
<p style="text-align: right;">[21] <b>2,344,554</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02M 9/06</b> [25] EN [54] <b>CARBURETOR</b> [54] <b>CARBURATEUR</b> [72] EDMONSTON, WILLIAM H., US [71] EDMONSTON, WILLIAM H., US [85] 2001-03-16 [86] 1999-10-07 (PCT/US99/23431) [87] 2000-04-13 (WO00/20750) [30] US (60/103,459) 1998-10-07 [30] US (60/118,421) 1999-02-02</p>	<p style="text-align: right;">[21] <b>2,344,567</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/53 7G01N 15/14</b> [25] EN [54] <b>A SYSTEM FOR CELL-BASED SCREENING</b> [54] <b>SYSTEME DE CRIBLAGE CELLULAIRE</b> [72] GUILIANO, KENNETH A., US [72] RUBIN, RICHARD A., US [72] TAYLOR, D. LANSING, US [72] DUNLAY, R. TERRY, US [72] GOUGH, ALBERT H., US [71] CELLOMICS, INC., US [85] 2001-03-16 [86] 1999-09-17 (PCT/US99/21561) [87] 2000-03-30 (WO00/17643) [30] US (60/100,973) 1998-09-18</p>	<p style="text-align: right;">[21] <b>2,344,571</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A47L 15/42</b> [25] EN [54] <b>DOUBLE DISHWASHER</b> [54] <b>LAVE-VAISSELLE DOUBLE</b> [72] RINGGER, DOUGLAS, US [72] BIRKENHOLTZ, STEPHEN, US [72] CORDLE, JUDA, US [72] WELCH, RODNEY, US [71] MAYTAG CORPORATION, US [85] 2001-03-19 [86] 1999-09-14 (PCT/US99/21127) [87] 2000-03-30 (WO00/16681) [30] US (09/157,461) 1998-09-21</p>

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<p style="text-align: right;">[21] <b>2,344,572</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G10D 1/08</b> [25] EN [54] <b>GUITAR OR SIMILAR MUSICAL INSTRUMENT COMPRISING A DETACHABLE BODY SUPPORT</b> [54] <b>GUITARRE OU INSTRUMENT DE MUSIQUE EQUIVALENT COMPRENANT UNUPPORT AMOVIBLE</b> [72] ERISMANN, MARK, CH [71] ERISMANN, MARK, CH [85] 2001-03-19 [86] 1999-09-29 (PCT/CH99/00461) [87] 2000-05-04 (WO00/25296) [30] CH (2135/98) 1998-10-22 [30] CH (824/99) 1999-05-05</p>	<p style="text-align: right;">[21] <b>2,344,577</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C01B 31/02</b> [25] EN [54] <b>CHEMICAL DERIVATIZATION OF SINGLE-WALL CARBON NANOTUBES TO FACILITATE SOLVATION THEREOF; AND USE OF DERIVATIZED NANOTUBES</b> [54] <b>DERIVATION CHIMIQUE DE NANOTUBES DE CARBONE A PAROI UNIQUE POUR FACILITER LEUR SOLVATION, ET UTILISATION DE NANOTUBES AINSI DERIVES</b> [72] MICKELSON, EDWARD T., US [72] LIU, JIE, US [72] MARGRAVE, JOHN L., US [72] HAUGE, ROBERT, US [72] COLBERT, DANIEL T., US [72] BOUL, PETER, US [72] SMITH, KEN, US [72] HUFFMAN, CHAD B., US [72] SMALLEY, RICHARD E., US [71] WILLIAM MARSH RICE UNIVERSITY, US [85] 2001-03-16 [86] 1999-09-17 (PCT/US99/21366) [87] 2000-03-30 (WO00/17101) [30] US (60/101,092) 1998-09-18 [30] US (60/106,918) 1998-11-03 [30] US (60/138,505) 1999-06-10</p>	<p style="text-align: right;">[21] <b>2,344,580</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F01L 7/00 6F02B 75/22</b> [25] EN [54] <b>ENGINE WITH CRANKCASE COMPRESSION</b> [54] <b>MOTEUR A COMPRESSION DANS LE CARTER</b> [72] LYONS, JAMES D., US [71] DUNLYON R &amp; D, INC., US [85] 2001-03-16 [86] 1999-09-22 (PCT/US99/22032) [87] 2000-03-30 (WO00/17500) [30] US (60/101,298) 1998-09-22</p>
<p style="text-align: right;">[21] <b>2,344,573</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 75/56 7B65D 63/18</b> [25] EN [54] <b>PACKAGING UNIT</b> [54] <b>UNITE D'EMBALLAGE</b> [72] BUGERT, KARL-HANS, DE [72] KLUHSPIES, FRANZ, DE [72] BENSCH, PETER, DE [72] BRUCKNER, SABINE, DE [72] TILLESSEN, RUDOLF, DE [72] ZINN, EGON, DE [72] EDELMANN, GUENTER, DE [71] SAINT-GOBAIN ISOVER, FR [85] 2001-03-19 [86] 2000-07-27 (PCT/EP00/07235) [87] 2001-02-15 (WO01/10737) [30] DE (299 13 624.8) 1999-08-05</p>	<p style="text-align: right;">[21] <b>2,344,579</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 31/22 7B01D 53/04</b> [25] EN [54] <b>AIRBORNE CONTAMINANT INDICATOR</b> [54] <b>INDICATEUR D'IMPURETES EN SUSPENSION DANS L'AIR</b> [72] DALLAS, ANDREW J., US [72] GRAFE, TIMOTHY H., US [72] GRAHAM, KRISTINE M., US [71] DONALDSON COMPANY, INC., US [85] 2001-03-16 [86] 1999-10-26 (PCT/US99/25070) [87] 2000-05-11 (WO00/26663) [30] US (09/182,714) 1998-10-29</p>	<p style="text-align: right;">[21] <b>2,344,583</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F02M 27/06</b> [25] EN [54] <b>FUEL ACTIVATING DEVICE</b> [54] <b>DISPOSITIF D'ACTIVATION DE COMBUSTIBLE</b> [72] WEY, ALBERT C., US [71] WEY, ALBERT C., US [85] 2001-03-16 [86] 1999-09-28 (PCT/US99/22459) [87] 2000-04-06 (WO00/19085) [30] US (09/162,413) 1998-09-28 [30] US (09/237,002) 1999-01-25</p>
	<p style="text-align: right;">[21] <b>2,344,579</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 31/22 7B01D 53/04</b> [25] EN [54] <b>AIRBORNE CONTAMINANT INDICATOR</b> [54] <b>INDICATEUR D'IMPURETES EN SUSPENSION DANS L'AIR</b> [72] DALLAS, ANDREW J., US [72] GRAFE, TIMOTHY H., US [72] GRAHAM, KRISTINE M., US [71] DONALDSON COMPANY, INC., US [85] 2001-03-16 [86] 1999-10-26 (PCT/US99/25070) [87] 2000-05-11 (WO00/26663) [30] US (09/182,714) 1998-10-29</p>	<p style="text-align: right;">[21] <b>2,344,585</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06K 19/07</b> [25] EN [54] <b>PERSONAL COMPUTER CARD POWER MANAGEMENT SYSTEM</b> [54] <b>SYSTEME DE GESTION DE L'ALIMENTATION DES CARTES D'ORDINATEUR PERSONNEL</b> [72] MILLER, BRUCE, CA [71] SIERRA WIRELESS, INC., CA [85] 2001-03-16 [86] 1999-09-24 (PCT/CA99/00887) [87] 2000-04-06 (WO00/19363) [30] US (09/160,501) 1998-09-24</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,344,586</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/32</b> [25] EN [54] <b>METHOD FOR DIAGNOSING AND IMPROVING VISION</b> [54] <b>PROCEDE DE DIAGNOSTIC ET D'AMELIORATION DE LA VUE</b> [72] LIEBERMAN, DAVID M., US [72] GRIERSON, JONATHON, US [71] SCIENTIFIC OPTICS, INC., US [85] 2001-03-19 [86] 1999-10-01 (PCT/US99/23209) [87] 2000-04-13 (WO00/19918) [30] US (60/102,813) 1998-10-02</p>	<p style="text-align: right;">[21] <b>2,344,594</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 12/56 7H04Q 11/04 7H04L 29/08 7H04Q 7/22</b> [25] EN [54] <b>A DATA SEGMENTATION METHOD IN A TELECOMMUNICATIONS SYSTEM</b> [54] <b>PROCEDE DE SEGMENTATION DES DONNEES DANS UN SYSTEME DE TELECOMMUNICATIONS</b> [72] RINNE, MIKKO J, FI [71] NOKIA NETWORKS OY, FI [85] 2001-03-19 [86] 1999-10-05 (PCT/FI99/00821) [87] 2000-04-13 (WO00/21253) [30] FI (982167) 1998-10-06</p>	<p style="text-align: right;">[21] <b>2,344,605</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/12 7A01K 67/027 7A61K 38/17 7C07K 16/28 7G01N 33/53 7C12Q 1/68 7A61K 31/70 7C07K 14/705</b> [25] EN [54] <b>G-PROTEIN COUPLED RECEPTORS</b> [54] <b>RECEPTEURS COUPLES A LA PROTEINE G</b> [72] WEICH, NADINE S., US [72] GLUCKSMANN, MARIA ALEXANDRA, US [71] MILLENNIUM PHARMACEUTICALS, INC., US [85] 2001-04-02 [86] 1999-10-18 (PCT/US99/24368) [87] 2000-04-27 (WO00/23588) [30] US (09/173,869) 1998-10-16 [30] US (09/420,187) 1999-10-18</p>
<p style="text-align: right;">[21] <b>2,344,587</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63F 1/00 6G07F 17/34</b> [25] EN [54] <b>GAMING DEVICE WITH SUPPLEMENTAL TICKET DISPENSER</b> [54] <b>APPAREIL DE JEUX A DISTRIBUTEUR DE TICKETS SUPPLEMENTAIRES</b> [72] ADAMS, WILLIAM R., US [71] ANCHOR GAMING, US [85] 2001-03-19 [86] 1999-09-17 (PCT/US99/21847) [87] 2000-03-30 (WO00/16864) [30] US (09/157,993) 1998-09-22</p>	<p style="text-align: right;">[21] <b>2,344,596</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/38</b> [25] EN [54] <b>METHOD AND APPARATUS TO DETECT FRAUDULENT CALLS IN A RADIO NETWORK</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT DE DETECTER DES APPELS FRAUDULEUX DANS UN RESEAU DE RADIOCOMMUNICATION</b> [72] ROCHA, ROBERTO, MX [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-03-20 [86] 1999-10-08 (PCT/SE99/01824) [87] 2000-04-27 (WO00/24219) [30] US (09/174,701) 1998-10-19</p>	<p style="text-align: right;">[21] <b>2,344,606</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 16/36 7A61K 39/395 7G01N 33/68</b> [25] EN [54] <b>CONFORMATION-SPECIFIC ANTI-VON WILLEBRAND FACTOR ANTIBODIES</b> [54] <b>ANTICORPS ANTI-FACTEUR DE VON WILLEBRAND SPECIFIQUES DE CONFORMATION</b> [72] YUAN, HUABING, US [72] HANDIN, ROBERT I., US [72] MCLEOD, ANNE, US [71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US [85] 2001-04-02 [86] 1999-10-20 (PCT/US99/24503) [87] 2000-05-04 (WO00/24781) [30] US (60/105,389) 1998-10-23</p>
<p style="text-align: right;">[21] <b>2,344,589</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/53 6G01N 33/537 6G01N 33/543</b> [25] EN [54] <b>DIAGNOSTIC ASSAYS FOR DETECTION OF GIARDIA LAMBLIA</b> [54] <b>MOYENS D'ESSAI DIAGNOSTIQUE PERMETTANT DE DECELER LE PARASITE LAMBLIA</b> [72] BUECHLER, JOE, US [72] GOVINDARAJ, SHANTHI, US [72] GRAY, JEFF, US [72] VALKIRS, GUNARS E., US [71] BIOSITE DIAGNOSTICS, US [85] 2001-03-19 [86] 1999-09-20 (PCT/US99/21898) [87] 2000-03-30 (WO00/17645) [30] US (09/158,945) 1998-09-21</p>	<p style="text-align: right;">[21] <b>2,344,604</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C07H 17/00 6C12P 21/06 6C12N 5/10 6C07K 14/805</b> [25] EN [54] <b>POLYMERIC HEMOGLOBIN MUTANTS</b> [54] <b>MUTANTS POLYMERES DE L'HEMOGLOBINE</b> [72] FRONTICELLI, CLARA, US [71] TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US [85] 2001-03-29 [86] 1999-09-30 (PCT/US99/22756) [87] 2000-04-06 (WO00/18802) [30] US (60/102,640) 1998-10-01</p>	



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[21] **2,344,611**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/68 7C07H 19/00  
7C07H 21/00 7C07H 21/02 7C07H 21/04  
7C12P 19/34**  
[25] EN  
[54] **A METHOD FOR ANALYZING  
POLYNUCLEOTIDES**  
[54] **PROCEDE D'ANALYSE DE  
POLYNUCLEOTIDES**  
[72] WOLFE, JIA LIU, US  
[72] STANTON, VINCENT P., JR., US  
[72] KAWATE, TOMOHIKO, US  
[72] VERDINE, GREGORY, US  
[71] VARIAGENICS, INC., US  
[85] 2001-03-30  
[86] 1999-09-30 (PCT/US99/22988)  
[87] 2000-04-06 (WO00/18967)  
[30] US (60/102,724) 1998-10-01  
[30] US (60/149,533) 1999-08-17  
[30] US (09/394,387) 1999-09-10  
[30] US (09/394,457) 1999-09-10  
[30] US (09/394,467) 1999-09-10  
[30] US (09/394,774) 1999-09-10

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[21] **2,344,613**  
[13] A1  
[51] **Int.Cl. 7A61K 38/55 7A61K 48/00  
7A61P 9/00 7A61P 27/00 7A61P 35/00  
7C12Q 1/02 7A61P 17/06 7A61K 38/57  
7G01N 33/68**  
[25] EN  
[54] **COMPOSITIONS AND METHODS  
FOR INHIBITING ANGIOGENESIS**  
[54] **COMPOSITIONS ET METHODES  
PERMETTANT D'INHIBER  
L'ANGIOGENESE**  
[72] PIRIE-SHEPHERD, STEVEN, US  
[72] FOLKMAN, M. JUDAH, US  
[72] O'REILLY, MICHAEL S., US  
[71] CHILDREN'S HOSPITAL, US  
[85] 2001-03-27  
[86] 1999-10-08 (PCT/US99/23450)  
[87] 2000-04-13 (WO00/20026)  
[30] US (60/103,526) 1998-10-08  
[30] US (60/116,131) 1999-01-15

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[21] **2,344,616**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/68 6A61K 48/00  
6C12N 15/00 6C07H 21/04 6C12N 15/85**  
[25] EN  
[54] **ANTISENSE OLIGONUCLEOTIDE  
MODULATION OF TUMOR NECROSIS  
FACTOR-.ALPHA. (TNF-.ALPHA.)  
EXPRESSION**  
[54] **MODULATION DE L'EXPRESSION  
DU FACTEUR DE NECROSE  
TUMORALE ALPHA (TNF-ALPHA) AU  
MOYEN D'UN OLIGONUCLEOTIDE  
ANTISENS**  
[72] BUTLER, MADELINE M., US  
[72] BAKER, BRENDA F., US  
[72] SHANAHAN, WILLIAM R., JR., US  
[72] BENNETT, C. FRANK, US  
[71] ISIS PHARMACEUTICALS, INC., US  
[85] 2001-03-29  
[86] 1999-10-05 (PCT/US99/23205)  
[87] 2000-04-13 (WO00/20645)  
[30] US (09/166,186) 1998-10-05  
[30] US (09/313,932) 1999-05-18

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[21] **2,344,619**  
[13] A1  
[51] **Int.Cl. 7C12N 15/11 7C12N 9/00  
7C12N 15/80**  
[25] EN  
[54] **CONSTRUCTING AND  
SCREENING A DNA LIBRARY OF  
INTEREST IN FILAMENTOUS FUNGAL  
CELLS**  
[54] **ETABLISSEMENT ET CRIBLAGE  
D'UNE BANQUE D'ADN D'INTERET  
DANS DES CELLULES FONGIQUES  
FILAMENTEUSES**  
[72] VIND, JESPER, DK  
[71] NOVOZYMES A/S, DK  
[85] 2001-03-26  
[86] 1999-10-13 (PCT/DK99/00552)  
[87] 2000-05-04 (WO00/24883)  
[30] DK (PA 1998 01375) 1998-10-26  
[30] DK (PA 1999 00718) 1999-05-25

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[21] **2,344,620**  
[13] A1  
[51] **Int.Cl. 7C12N 15/12 7A01K 67/027  
7A61K 38/17 7C07K 16/18 7C07K 14/47  
7G01N 33/53 7G01N 33/574 7C12Q 1/68**  
[25] EN  
[54] **GENE EXPRESSED IN PROSTATE  
CANCER**  
[54] **GENE EXPRIME DANS LE  
CANCER DE LA PROSTATE**  
[72] MITCHELL, STEPHEN CHAPPELL,  
US  
[72] HUBERT, RENE S., US  
[72] AFAR, DANIEL E., US  
[71] UROGENESYS, INC., US  
[85] 2001-03-26  
[86] 1999-09-30 (PCT/US99/23005)  
[87] 2000-04-06 (WO00/18925)  
[30] US (60/102,572) 1998-09-30  
[30] US (60/146,584) 1999-07-28

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[21] **2,344,633**  
[13] A1  
[51] **Int.Cl. 7A61K 7/16 7A01N 63/00  
7A01N 65/00 7C12Q 1/02 7C12P 21/06  
7G01N 33/53 7G01N 33/573**  
[25] EN  
[54] **METHODS FOR DETERMINING  
THE ACTIVITY OF COMPLEX  
MIXTURES**  
[54] **TECHNIQUES PERMETTANT DE  
DETERMINER L'ACTIVITE DE  
MELANGES COMPLEXES**  
[72] PACIORETTY, LINDA M., US  
[72] BABISH, JOHN G., US  
[72] LEE, M. LISA, US  
[71] BIONEXUS, US  
[85] 2001-03-19  
[86] 1999-09-17 (PCT/US99/21849)  
[87] 2000-03-23 (WO00/16062)  
[30] US (09/156,741) 1998-09-17

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[21] **2,344,634**  
[13] A1

[51] **Int.Cl. 7H04L 5/06 7H03H 17/02**  
[25] EN  
[54] **REDUCED COMPLEXITY AND INCREASED FLEXIBILITY MODIFIED FAST CONVOLUTION ALGORITHM**  
[54] **ALGORITHME DE CONVOLUTION RAPIDE MODIFIE PRESENTANT UNE COMPLEXITE LIMITEE ET UNE FLEXIBILITE ACCRUE**  
[72] HELLBERG, RICHARD, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-03-20  
[86] 1999-09-24 (PCT/SE99/01693)  
[87] 2000-04-06 (WO00/19654)  
[30] US (09/163,298) 1998-09-30

[21] **2,344,635**  
[13] A1

[51] **Int.Cl. 7C10M 135/00**  
[25] EN  
[54] **EXTREME-PRESSURE ADDITIVE, PROCESS FOR PRODUCING THE SAME, CUTTING FLUID, AND GRINDING FLUID**  
[54] **ADDITIF EXTREME PRESSION, PROCEDE DE PRODUCTION ASSOCIE, FLUIDE DE COUPE ET FLUIDE DE RECTIFICATION**  
[72] YAMADA, SHIGERU, JP  
[72] IBI, KAZUMASA, JP  
[71] DAINIPPON INK AND CHEMICALS, INC., JP  
[85] 2001-03-20  
[86] 2000-07-21 (PCT/JP00/04872)  
[87] 2001-01-25 (WO01/05916)  
[30] JP (11/206071) 1999-07-21

[21] **2,344,636**  
[13] A1

[51] **Int.Cl. 6F02M 31/00**  
[25] EN  
[54] **AIR INTAKE HEATER WITH INTEGRATED POWER AND GROUND CONNECTOR**  
[54] **RADIATEUR D'AIR D'ADMISSION A ALIMENTATION INTEGREE ET CONNECTEUR A LA TERRE**  
[72] PRUST, ANDREW J., US  
[71] PHILLIPS & TEMRO INDUSTRIES INC., US  
[85] 2001-03-20  
[86] 1999-10-06 (PCT/US99/23125)  
[87] 2000-04-13 (WO00/20751)  
[30] US (09/167,271) 1998-10-07

[21] **2,344,637**  
[13] A1

[51] **Int.Cl. 7A61K 31/35 7A61M 11/00 7A61L 9/04 7A01N 43/16**  
[25] EN  
[54] **.DELTA.9 TETRAHYDROCANNABINOL (.DELTA.9 THC) SOLUTION METERED DOSE INHALERS AND METHODS OF USE**  
[54] **AEROSOLS-DOSEURS POUR SOLUTION DE DELTA9-TETRAHYDROCANNABINOL (.DELTA.9THC) ET LEUR MODE D'UTILISATION**  
[72] LICHTMAN, ARON, US  
[72] BYRON, PETER, US  
[72] PEART, JOANNE, US  
[72] MARTIN, BILLY, US  
[71] VIRGINIA COMMONWEALTH UNIVERSITY, US  
[85] 2001-03-20  
[86] 1999-10-20 (PCT/US99/24486)  
[87] 2000-05-04 (WO00/24362)  
[30] US (60/105,850) 1998-10-27  
[30] US (09/273,766) 1999-03-22

[21] **2,344,638**  
[13] A1

[51] **Int.Cl. 6G06F 17/30 6G06F 3/14**  
[25] EN  
[54] **MULTI-DIMENSIONAL DATA MANAGEMENT SYSTEM**  
[54] **SYSTEME DE GESTION DE DONNEES MULTIDIMENSIONNELLES**  
[72] ALTHOFF, JAMES, US  
[71] I2 TECHNOLOGIES, INC., US  
[85] 2001-03-20  
[86] 1999-09-30 (PCT/US99/22674)  
[87] 2000-04-06 (WO00/19340)  
[30] US (60/102,463) 1998-09-30

[21] **2,344,639**  
[13] A1

[51] **Int.Cl. 7G06F 17/00**  
[25] EN  
[54] **SYSTEM FOR CUSTOMER CONTACT INFORMATION MANAGEMENT AND METHODS FOR USING SAME**  
[54] **SYSTEME DE GESTION D'INFORMATIONS DE CONTACT CLIENTS ET PROCEDES D'UTILISATION ASSOCIES**  
[72] ANDERSON, SHAWN, US  
[72] JENKINS, AARON, US  
[72] SCHROEDER, KIM A., US  
[72] SMITH, GREYSON, US  
[72] DONNELLY, KERIC P., US  
[71] CONVERGYS CORPORATION, US  
[85] 2001-03-20  
[86] 2000-07-26 (PCT/US00/20185)  
[87] 2001-02-08 (WO01/09745)  
[30] US (60/146,515) 1999-07-30  
[30] US (09/467,378) 1999-12-21

[21] **2,344,640**  
[13] A1

[51] **Int.Cl. 7H01H 85/042**  
[25] FR  
[54] **HIGH VOLTAGE CIRCUIT BREAKER AND ASSEMBLING METHOD**  
[54] **COUPE-CIRCUIT HAUTE TENSION ET SON PROCEDE D'ASSEMBLAGE**  
[72] RAMBAUD, THIERRY, FR  
[72] GRIMALDI, YVES, FR  
[71] FERRAZ SHAWMUT, FR  
[85] 2001-03-20  
[86] 1999-10-18 (PCT/FR99/02531)  
[87] 2000-04-27 (WO00/24023)  
[30] FR (98/13228) 1998-10-19

[21] **2,344,641**  
[13] A1

[51] **Int.Cl. 7A61B 18/14**  
[25] EN  
[54] **ELECTROSURGICAL BIOPSY DEVICE AND METHOD**  
[54] **DISPOSITIF ET PROCEDE DE BIOPSIE ELECTROCHIRURGICALE**  
[72] LUBOCK, PAUL, US  
[72] BURBANK, FRED H., US  
[72] QUICK, RICHARD L., US  
[72] JONES, MICHAEL L., US  
[71] SENORX, INC., US  
[85] 2001-03-21  
[86] 1999-09-17 (PCT/US99/21416)  
[87] 2000-03-30 (WO00/16697)  
[30] US (09/159,467) 1998-09-23

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[21] **2,344,642**  
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[51] **Int.Cl. 7G01N 33/68**  
[25] EN  
[54] **CHARACTERISING POLYPEPTIDES THROUGH CLEAVAGE AND MASS SPECTROMETRY**  
[54] **CARACTERISATION DE POLYPEPTIDES PAR CLIVAGE ET SPECTROMETRIE DE MASSE**  
[72] SCHMIDT, GUNTER, GB  
[72] THOMPSON, ANDREW HUGIN, GB  
[71] BRAX GROUP LIMITED, GB  
[85] 2001-03-28  
[86] 1999-10-01 (PCT/GB99/03258)  
[87] 2000-04-13 (WO00/20870)  
[30] GB (9821393.7) 1998-10-01

[21] **2,344,643**  
[13] A1

[51] **Int.Cl. 7C07H 19/06 7C07H 21/00 7C07H 19/16 7C07H 19/20 7C12Q 1/68**  
[25] EN  
[54] **NUCLEOTIDE COMPOUNDS INCLUDING A RIGID LINKER**  
[54] **COMPOSES NUCLEOTIDIQUES A LIEUR RIGIDE**  
[72] ZHEN, WEIGUO, US  
[72] MENCHEN, STEVEN M., US  
[72] KAHN, SHAHEER H., US  
[72] ROSENBLUM, BARNETT B., US  
[71] THE PERKIN-ELMER CORPORATION, US  
[85] 2001-03-19  
[86] 1999-06-02 (PCT/US99/12323)  
[87] 2000-04-20 (WO00/21974)  
[30] US (09/172,789) 1998-10-14

[21] **2,344,644**  
[13] A1

[51] **Int.Cl. 7G11B 20/10 7G11B 20/00 7H04B 1/66**  
[25] EN  
[54] **RECORD CARRIER CARRYING A STEREO SIGNAL AND A DATA SIGNAL**  
[54] **SUPPORT D'ENREGISTREMENT PORTANT UN SIGNAL STEREO ET UN SIGNAL DE DONNEES**  
[72] VAN DE KERKHOF, LEON M., NL  
[72] OOMEN, ARNOLDUS, W. J., NL  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2001-03-19  
[86] 2000-07-11 (PCT/EP00/06588)  
[87] 2001-01-25 (WO01/06509)  
[30] EP (99202383.8) 1999-07-20

[21] **2,344,645**  
[13] A1

[51] **Int.Cl. 7G01L 3/00 7H02P 21/00**  
[25] EN  
[54] **METHOD AND DEVICE FOR DETERMINING THE TORQUE OF AN INDUCTION MACHINE**  
[54] **PROCEDE ET DISPOSITIF POUR DETERMINER LE COUPLE D'UNE MACHINE INDUCTIVE**  
[72] RUNGALDIER, DIETHARD, DE  
[72] GRIEPENTROG, GERD, DE  
[71] SIEMENS AKTIENGESSELLSCHAFT, DE  
[85] 2001-03-19  
[86] 1999-09-09 (PCT/DE99/02858)  
[87] 2000-03-30 (WO00/17616)  
[30] DE (198 43 134.1) 1998-09-21

[21] **2,344,646**  
[13] A1

[51] **Int.Cl. 6F16K 1/42 6F16K 25/00 6F16K 43/00 6F16K 11/087**  
[25] EN  
[54] **SWITCH VALVE**  
[54] **VANNE DE COMMUTATION**  
[72] BEASLEY, MARVIN E., US  
[71] TYCO FLOW CONTROL, INC., US  
[85] 2001-03-19  
[86] 1999-09-15 (PCT/US99/21191)  
[87] 2000-03-23 (WO00/15985)  
[30] US (09/154,905) 1998-09-17

[21] **2,344,647**  
[13] A1

[51] **Int.Cl. 7C07C 217/44 7C07D 319/06 7C07C 213/08 7A61K 31/135 7A61K 31/357**  
[25] EN  
[54] **NEW DERIVATIVES OF 6-(4-PHENYLBUTOXY)HEXYLAMINE AND PROCESS FOR PRODUCING SALMETEROL**  
[54] **NOUVEAUX DERIVES DE LA 6-(4-PHENYLBUTOXY)HEXYLAMINE ET PROCEDE D'OBTENTION DE SALMETEROL**  
[72] DALMASES BARJOAN, PERE, ES  
[72] MARQUILLAS OLONDRIZ, FRANCISCO, ES  
[72] BESSA BELLMUNT, JORDI, ES  
[71] VITA-INVEST, S.A., ES  
[85] 2001-03-19  
[86] 1999-09-20 (PCT/ES99/00294)  
[87] 2000-04-06 (WO00/18722)  
[30] ES (P 9802014) 1998-09-28

[21] **2,344,648**  
[13] A1

[51] **Int.Cl. 7H04H 7/00 7H04B 1/66**  
[25] EN  
[54] **TANDEM AUDIO COMPRESSION**  
[54] **COMPRESSION AUDIO TANDEM**  
[72] MASON, ANDREW JAMES, GB  
[71] BRITISH BROADCASTING CORPORATION, GB  
[85] 2001-03-19  
[86] 1999-09-23 (PCT/GB99/03153)  
[87] 2000-03-30 (WO00/18046)  
[30] GB (9820757.4) 1998-09-23

[21] **2,344,649**  
[13] A1

[51] **Int.Cl. 6B42F 13/12 6B42D 3/00**  
[25] EN  
[54] **FOLDER HAVING COVERS WITH SUPPORT PORTIONS**  
[54] **CLASSEUR DONT LES FEUILLES DE COUVERTURES SONT POURVUES D'ELEMENTS DE SUPPORT**  
[72] PARSEY, TIMOTHY JOHN, US  
[72] MCKEOWN, TIMOTHY EDWARD, US  
[72] BROWN, JULIAN FRANCIS, GB  
[72] CECALA, FRED EDWARD, US  
[71] ACCO BRANDS, INC., US  
[85] 2001-03-19  
[86] 1999-09-08 (PCT/US99/20561)  
[87] 2000-03-30 (WO00/16991)  
[30] US (09/157,367) 1998-09-21

[21] **2,344,650**  
[13] A1

[51] **Int.Cl. 6B32B 7/02 6B32B 27/00 6B42D 15/00 6B32B 9/04 6B32B 27/06 6B32B 27/08**  
[25] EN  
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[54] **DOCUMENTS DE SECURITE A COUCHE CENTRALE IMPRIMEE**  
[72] BENOIT, GORDON LEON, US  
[71] MOBIL OIL CORPORATION, US  
[85] 2001-03-19  
[86] 1999-09-22 (PCT/US99/21738)  
[87] 2000-04-06 (WO00/18575)  
[30] US (09/162,219) 1998-09-28

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[13] A1

[51] **Int.Cl. 7B01D 71/02 7B01D 69/10 7B01D 53/22**  
[25] EN  
[54] **THERMOMEMBRANE METHOD AND DEVICE**  
[54] **PROCEDE ET DISPOSITIF A THERMOMEMBRANE**  
[72] NOACK, ANDREAS, DE  
[71] NOACK, ANDREAS, DE  
[85] 2001-03-19  
[86] 1999-10-26 (PCT/EP99/08069)  
[87] 2000-05-04 (WO00/24500)  
[30] DE (198 49 216.2) 1998-10-26

[21] **2,344,652**  
[13] A1

[51] **Int.Cl. 6C07H 15/04 6C07H 15/10 6A61K 31/70**  
[25] EN  
[54] **CARBOXYMETHYLGALACTOSE DERIVATIVES**  
[54] **DERIVES DE CARBOXYMETHYLGALACTOSE**  
[72] ISHIDA, HIDEHARU, JP  
[72] KISO, MAKOTO, JP  
[71] OTSUKA PHARMACEUTICAL CO., LTD., JP  
[85] 2001-03-19  
[86] 1999-09-17 (PCT/JP99/05098)  
[87] 2000-03-30 (WO00/17216)  
[30] JP (10/265973) 1998-09-21

[21] **2,344,659**  
[13] A1

[51] **Int.Cl. 7A01N 25/30 7A01N 57/02**  
[25] EN  
[54] **SARCOSINATES AS GLUFOSINATE ADJUVANTS**  
[54] **SARCOSINATES UTILISES COMME ADJUVANTS DU GLUFOSINATE**  
[72] CRUDDEN, JOSEPH J., US  
[72] STEFFEL, JAMES E., US  
[71] HAMPSHIRE CHEMICAL CORP., US  
[85] 2001-03-19  
[86] 1999-09-22 (PCT/US99/21984)  
[87] 2000-03-30 (WO00/16620)  
[30] US (60/101,545) 1998-09-23

[21] **2,344,660**  
[13] A1

[51] **Int.Cl. 7B24B 31/00 7B24B 13/00 7B24B 9/20**  
[25] EN  
[54] **CHILLED TEMPERATURE POLISHING METHOD FOR SOFT ACRYLIC ARTICLES**  
[54] **TECHNIQUE DE POLISSAGE A BASSE TEMPERATURE POUR ARTICLES EN ACRYLIQUE TENDRE**  
[72] TUCKER, JENNIA, US  
[72] CREMEANS, BRYAN L., US  
[72] PICKETT, TERESA L., US  
[71] ALCON LABORATORIES, INC., US  
[85] 2001-03-19  
[86] 1999-12-02 (PCT/US99/28517)  
[87] 2000-07-13 (WO00/40370)  
[30] US (60/114,927) 1999-01-05

[21] **2,344,661**  
[13] A1

[51] **Int.Cl. 6B65B 51/04**  
[25] EN  
[54] **PACKAGING DEVICE FOR ATTACHMENT OF CLIPS TO A CONTINUOUSLY MOVING TUBE OF CASING**  
[54] **DISPOSITIF DE CONDITIONNEMENT POUR POSE D'AGRAFES SUR UN BOYAU SE DEPLACANT CONTINUELLEMENT**  
[72] GRIGGS, SAMUEL D., US  
[72] MAY, DENNIS J., US  
[72] CHEN, KUO-RAID GRANT, US  
[72] DIGESO, BRIAN K., US  
[71] DELAWARE CAPITAL FORMATION, INC., US  
[85] 2001-03-19  
[86] 1999-10-01 (PCT/US99/22921)  
[87] 2000-04-13 (WO00/20282)  
[30] US (60/102,826) 1998-10-02  
[30] US (60/107,429) 1998-11-06

[21] **2,344,662**  
[13] A1

[51] **Int.Cl. 7G01S 7/52**  
[25] EN  
[54] **ULTRASOUND IMAGING WITH ZOOM HAVING INDEPENDENT PROCESSING CHANNELS**  
[54] **IMAGERIE ULTRASONIQUE AVEC AGRANDISSEMENT PAR VOIES DE TRAITEMENTS INDEPENDANTES**  
[72] GRUNWALD, SORIN, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2001-03-19  
[86] 1999-09-28 (PCT/IB99/01838)  
[87] 2000-04-06 (WO00/19234)  
[30] US (09/162,057) 1998-09-28

[21] **2,344,663**  
[13] A1

[51] **Int.Cl. 6H01L 23/498 6H01L 23/495**  
[25] EN  
[54] **TAPE BALL GRID ARRAY WITH INTERCONNECTED GROUND PLANE**  
[54] **BOITIER TBGA A PLAN DE MASSE INTERCONNECTE**  
[72] LARSON, DONALD K., US  
[72] SCHUELLER, RANDOLPH D., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-03-19  
[86] 1999-01-25 (PCT/US99/01461)  
[87] 2000-04-20 (WO00/22674)  
[30] US (09/172,515) 1998-10-14

[21] **2,344,664**  
[13] A1

[51] **Int.Cl. 7C07D 311/22**  
[25] EN  
[54] **3-(HYDROXYMETHYL)CHROMEN-4-ONES AND PROCESS FOR PREPARING**  
[54] **3-(HYDROXYMETHYL)CHROMEN-4-ONES ET MODE D'ELABORATION**  
[72] BOLOS, JORDI, ES  
[72] FOGUET, RAFAEL, ES  
[72] ORTIZ, JOSE A., ES  
[72] SACRISTAN, AURELIO, ES  
[72] CASTELLO, JOSEP M., ES  
[71] FERRER INTERNACIONAL, S.A., ES  
[85] 2001-03-19  
[86] 1999-09-20 (PCT/EP99/06946)  
[87] 2000-03-30 (WO00/17183)  
[30] ES (P 9801970) 1998-09-21

[21] **2,344,665**  
[13] A1

[51] **Int.Cl. 7C12P 7/22 7C12P 7/24**  
[25] EN  
[54] **SYNTHESIS OF VANILLIN FROM A CARBON SOURCE**  
[54] **SYNTHESE DE LA VANILLINE A PARTIR D'UNE SOURCE DE CARBONE**  
[72] FROST, JOHN W., US  
[71] BOARD OF TRUSTEES OPERATING MICHIGAN STATE UNIVERSITY, US  
[85] 2001-03-19  
[86] 1999-09-16 (PCT/US99/21323)  
[87] 2000-03-30 (WO00/17319)  
[30] US (60/100,937) 1998-09-18

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[13] A1

[51] **Int.Cl. 6B32B 5/08 6D04H 13/00 6C09J 7/04 6B32B 5/26**  
[25] EN  
[54] **HAND-TEARABLE TAPE**  
[54] **BANDE DECHIRABLE A LA MAIN**  
[72] MENZIES, ROBERT H., US  
[72] MAKI, ROBERT J., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2001-03-19  
[86] 1999-02-22 (PCT/US99/03796)  
[87] 2000-04-13 (WO00/20201)  
[30] US (09/166,206) 1998-10-02

[21] **2,344,667**  
[13] A1

[51] **Int.Cl. 6C09K 19/32 6G02F 1/13 6C09K 19/34 6C09K 19/40 6C09K 19/42**  
[25] EN  
[54] **NEMATIC LIQUID CRYSTAL COMPOSITION AND LIQUID CRYSTAL DISPLAY USING THE SAME**  
[54] **COMPOSITION DE CRISTAUX LIQUIDES NEMATIQUES ET ECRAN A CRISTAUX LIQUIDES UTILISANT CETTE COMPOSITION**  
[72] YANAGIHARA, HIROKAZU, JP  
[72] TAKATSU, HARUYOSHI, JP  
[72] TAKEUCHI, KIYOFUMI, JP  
[71] DAINIPPON INK AND CHEMICALS, INC., JP  
[85] 2001-03-19  
[86] 1999-09-10 (PCT/JP99/04918)  
[87] 2000-03-30 (WO00/17287)  
[30] JP (10/266993) 1998-09-21  
[30] JP (11/150024) 1999-05-28  
[30] JP (11/187087) 1999-06-30

[21] **2,344,668**  
[13] A1

[51] **Int.Cl. 6B65G 15/00**  
[25] EN  
[54] **ADJUSTABLE GUIDE RAIL FOR TRANSPORTING PRODUCTS**  
[54] **GLISSIERE REGLABLE SERVANT A TRANSPORTER DES MARCHANDISES**  
[72] MOORE, LESLIE A., US  
[71] MOORE, LESLIE A., US  
[85] 2001-03-19  
[86] 1999-09-21 (PCT/US99/21947)  
[87] 2000-03-30 (WO00/17073)  
[30] US (09/158,961) 1998-09-22

[21] **2,344,669**  
[13] A1

[51] **Int.Cl. 7G01N 33/53 7C12N 1/10 7G01N 33/537 7G01N 33/543 7G01N 33/567**  
[25] EN  
[54] **DIAGNOSTIC ASSAYS FOR DETECTION OF ENTAMOEBA HISTOLYTICA**  
[54] **DOSAGES DIAGNOSTIQUES PERMETTANT DE DETECTER \$I(ENTAMOEBA HISTOLYTICA)**  
[72] VALKIRS, GUNARS E., US  
[72] BUECHLER, JOE, US  
[72] GRAY, JEFF, US  
[71] BIOSITE DIAGNOSTICS, US  
[85] 2001-03-19  
[86] 1999-09-20 (PCT/US99/21978)  
[87] 2000-03-30 (WO00/17646)  
[30] US (09/158,347) 1998-09-21

[21] **2,344,670**  
[13] A1

[51] **Int.Cl. 7A61K 31/505 7A61P 25/16**  
[25] EN  
[54] **PHARMACEUTICAL AGENTS FOR THE TREATMENT OF PARKINSON'S DISEASE, ADHD AND MICROADENOMAS**  
[54] **SUBSTANCES A USAGE PHARMACEUTIQUE DESTINEES AU TRAITEMENT DE LA MALADIE DE PARKINSON, DE L'HYPERACTIVITE AVEC DEFICIT DE L'ATTENTION ET DU MICROADENOME**  
[72] JACKSON, ELISA ROSE, US  
[72] ZORN, STEVIN HOWARD, US  
[72] MCLEAN, STAFFORD, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2001-03-20  
[86] 1999-09-03 (PCT/IB99/01503)  
[87] 2000-03-30 (WO00/16777)  
[30] US (60/101,191) 1998-09-21  
[30] US (60/103,868) 1998-10-12

[21] **2,344,671**  
[13] A1

[51] **Int.Cl. 7A61K 49/00**  
[25] EN  
[54] **HYPERPOLARIZED NOBLE GAS EXTRACTION METHODS, MASKING METHODS, AND ASSOCIATED TRANSPORT CONTAINERS**  
[54] **PROCEDES D'EXTRACTION DE GAZ NOBLES HYPERPOLARISES, PROCEDES DE MASQUAGE ET RECIPIENTS DE TRANSPORT ASSOCIES**  
[72] ZOLLINGER, GERI T. K., US  
[72] HASSON, KENTON C., US  
[72] ZOLLINGER, DAVID L., US  
[72] BOGORAD, PAUL L., US  
[72] DRIEHUYS, BASTIAAN, US  
[71] MEDI-PHYSICS, INC., US  
[85] 2001-03-20  
[86] 1999-09-30 (PCT/US99/22990)  
[87] 2000-04-13 (WO00/20042)  
[30] US (09/163,721) 1998-09-30

[21] **2,344,672**  
[13] A1

[51] **Int.Cl. 7A61K 9/00**  
[25] EN  
[54] **EXPANDABLE GASTRORETENTIVE THERAPY SYSTEM HAVING A PROLONGED GASTRIC RESIDENCE TIME**  
[54] **SYSTEME THERAPEUTIQUE GONFLANT DE RETENTION STOMACALE A TEMPS DE SEJOUR PROLONGE DANS L'ESTOMAC**  
[72] KRUMME, MARKUS, DE  
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE  
[85] 2001-03-21  
[86] 1999-10-23 (PCT/EP99/08043)  
[87] 2000-05-11 (WO00/25742)  
[30] DE (198 50 309.1) 1998-10-30

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[13] A1

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[25] EN  
[54] **MATRIX GRANULE**  
[54] **GRANULE MATRICE**  
[72] BECKER, NATHANIEL, US  
[72] GREEN, THOMAS S., US  
[71] GENENCOR INTERNATIONAL, INC., US  
[85] 2001-03-21  
[86] 1999-10-27 (PCT/US99/25459)  
[87] 2000-05-04 (WO00/24877)  
[30] US (60/105,874) 1998-10-27

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[13] A1

[51] **Int.Cl. 6C12N 15/12 6B09C 1/00 6A01H 1/00 6A01H 5/00 6C12N 5/04 6C12Q 1/26**  
[25] EN  
[54] **PLANTS CAPABLE OF METABOLIZING DRUGS AND UTILIZATION THEREOF**  
[54] **PLANTES CAPABLES DE METABOLISER DES SUBSTANCES TOXIQUES, ET UTILISATION DESDITES PLANTES**  
[72] OHKAWA, HIDEO, JP  
[72] OZAWA, KENJIROU, JP  
[72] HIROSE, SAKIKO, JP  
[72] OHKAWA, YASUNOBU, JP  
[71] **BIO-ORIENTED TECHNOLOGY RESEARCH ADVANCEMENT INSTITUTION, JP**  
[71] **JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF MINISTRY OF AGRICULTURE, FOR, JP**  
[85] 2001-03-21  
[86] 1999-03-26 (PCT/JP99/01573)  
[87] 2000-03-30 (WO00/17352)  
[30] JP (10/266513) 1998-09-21

[21] **2,344,675**  
[13] A1

[51] **Int.Cl. 7A61K 7/00 7A61K 7/48**  
[25] EN  
[54] **PERSONAL CARE COMPOSITIONS CONTAINING ACTIVE PROTEINS TETHERED TO A WATER INSOLUBLE SUBSTRATE**  
[54] **COMPOSITIONS POUR SOINS D'HYGIENE PERSONNELLE CONTENANT DES PROTEINES ACTIVES FIXEES A UN SUBSTRAT INSOLUBLE DANS L'EAU**  
[72] ALLCOCK, ANDREW CAMPBELL, US  
[72] WEISGERBER, DAVID JOHN, US  
[71] **THE PROCTER & GAMBLE COMPANY, US**  
[85] 2001-03-22  
[86] 1999-09-14 (PCT/US99/21050)  
[87] 2000-03-30 (WO00/16733)  
[30] US (60/101361) 1998-09-22

[21] **2,344,676**  
[13] A1

[51] **Int.Cl. 7C12Q 1/18 7C12Q 1/02**  
[25] EN  
[54] **IDENTIFICATION OF NOVEL ANTIMICROBIAL AGENTS USING MEMBRANE POTENTIAL INDICATOR DYES**  
[54] **IDENTIFICATION DE NOUVEAUX AGENTS ANTIMICROBIENS AU MOYEN DE COLORANTS INDICATEURS DE POTENTIEL DE MEMBRANE**  
[72] LITTLE, ROGER G., II, US  
[72] ABRAHAMSON, SUSAN, US  
[72] WONG, PETER, US  
[71] **XOMA TECHNOLOGY LTD., US**  
[85] 2001-03-23  
[86] 1999-09-24 (PCT/US99/22361)  
[87] 2000-04-06 (WO00/18951)  
[30] US (60/101,778) 1998-09-25  
[30] US (60/109,905) 1998-11-25  
[30] US (60/143,485) 1999-07-12

[21] **2,344,677**  
[13] A1

[51] **Int.Cl. 7A61K 31/5685**  
[25] EN  
[54] **IMPROVING MEMORY BY THE ADMINISTRATION OF .DELTA.5-ANDROSTENE-3.BETA.-OL-7,17-DIONE AND 3.BETA. ESTERS THEREOF**  
[54] **AMELIORATION DE LA MEMOIRE PAR L'ADMINISTRATION DE \$G(D)5-ANDROSTENE-3\$G(B)-OL-7,17-DIONE ET DE 3\$G(B) ESTERS DE CELLE-CI**  
[72] LARDY, HENRY A., US  
[72] SHI, JENNIFER Y., US  
[71] **HUMANETICS CORPORATION, US**  
[85] 2001-03-23  
[86] 1999-10-13 (PCT/US99/24076)  
[87] 2000-04-27 (WO00/23080)  
[30] US (09/174,235) 1998-10-16

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[13] A1

[51] **Int.Cl. 7A61K 9/00 7A61K 47/00 7A61K 9/14**  
[25] EN  
[54] **SEMI-MOIST ORAL DELIVERY SYSTEM**  
[54] **SYSTEME D'ADMINISTRATION LOCALE DEMI-SEC**  
[72] CHRISTENSEN, EDWIN H., US  
[71] **DRUG DELIVERY SYSTEMS, INC., US**  
[85] 2001-03-23  
[86] 1999-09-07 (PCT/US99/20547)  
[87] 2000-03-30 (WO00/16743)  
[30] US (09/160,618) 1998-09-24

[21] **2,344,679**  
[13] A1

[51] **Int.Cl. 6G03B 21/132 6G02B 27/02 6G03B 21/12**  
[25] EN  
[54] **LCD INTEGRATED/OVERHEAD PROJECTOR**  
[54] **RETROPROJECTEUR/PROJECTEUR A AFFICHAGE A CRISTAUX LIQUIDES INTEGRE**  
[72] RODRIGUEZ, ERNESTO M., JR., US  
[71] **MINNESOTA MINING AND MANUFACTURING COMPANY, US**  
[85] 2001-03-19  
[86] 1998-10-21 (PCT/US98/22300)  
[87] 2000-04-27 (WO00/23846)

[21] **2,344,680**  
[13] A1

[51] **Int.Cl. 7A61K 9/48**  
[25] EN  
[54] **ENTERIC AND COLONIC DELIVERY USING HPMC CAPSULES**  
[54] **ADMINISTRATION ENTERIQUE ET COLIQUE PAR CAPSULES EN HPMC**  
[72] SCOTT, ROBERT ANTHONY, BE  
[72] COLE, EWART THOMAS, CH  
[71] **WARNER-LAMBERT COMPANY, US**  
[85] 2001-03-19  
[86] 1999-09-23 (PCT/US99/22117)  
[87] 2000-04-06 (WO00/18377)  
[30] US (60/102,017) 1998-09-28

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[21] **2,344,681**  
[13] A1

[51] **Int.Cl. 7F16B 13/04 7F16B 13/06**  
[25] EN  
[54] **TAPERED SHANK RIVET RIVET A TIGE CONIQUE**  
[72] ESHRAGHI, SOHEIL, US  
[72] PRATT, JOHN D., US  
[71] TEXTRON INC., US  
[85] 2001-03-19  
[86] 1999-11-11 (PCT/US99/26818)  
[87] 2000-05-18 (WO00/28221)  
[30] US (60/108,103) 1998-11-12  
[30] US (09/399,887) 1999-09-21

[21] **2,344,682**  
[13] A1

[51] **Int.Cl. 7G02B 6/10 7H04J 14/02 7G02F 1/35**  
[25] EN  
[54] **CIRCULARLY POLARIZED FIBER IN OPTICAL CIRCUITS**  
[54] **FIBRE A POLARISATION CIRCULAIRE POUR CIRCUITS OPTIQUES**  
[72] ISLAM, MOHAMMED N., US  
[72] NOLAN, DANIEL A., US  
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US  
[71] CORNING INCORPORATED, US  
[85] 2001-03-19  
[86] 1999-09-07 (PCT/US99/20473)  
[87] 2000-03-23 (WO00/16139)  
[30] US (60/100,757) 1998-09-17

[21] **2,344,683**  
[13] A1

[51] **Int.Cl. 7A61L 12/12**  
[25] EN  
[54] **DEVICE FOR CONTACT LENS CARE**  
[54] **DISPOSITIF POUR L'ENTRETIEN DE LENTILLES DE CONTACT**  
[72] MULLER-LIERHEIM, WOLFGANG G. K., DE  
[71] MDLE MEDICAL DEVICE LABORATORIES EUROPE GMBH, DE  
[85] 2001-03-19  
[86] 1999-08-17 (PCT/EP99/06019)  
[87] 2000-03-30 (WO00/16815)  
[30] DE (198 43 140.6) 1998-09-21

[21] **2,344,684**  
[13] A1

[51] **Int.Cl. 7B64G 1/64 7E05B 47/00 7F16B 1/00**  
[25] EN  
[54] **HOLDING AND RELEASING MECHANISM WITH A SHAPE MEMORY ACTUATOR**  
[54] **MECANISME DE RETENUE ET DE LIBERATION COMPORTANT UN ACTIONNEUR A MEMOIRE DE FORME**  
[72] REINDL, MARKUS, DE  
[72] ROTH, MARTIN, DE  
[72] SCHUSTER, ANDREAS, DE  
[72] VOGGENREITER, HEINZ, DE  
[72] VORBRUGG, HARALD, DE  
[71] EADS DEUTSCHLAND GMBH, DE  
[85] 2001-03-19  
[86] 1999-09-14 (PCT/DE99/02901)  
[87] 2000-03-30 (WO00/17051)  
[30] DE (198 43 965.2) 1998-09-24

[21] **2,344,685**  
[13] A1

[51] **Int.Cl. 6G06F 17/60 6G06F 15/16**  
[25] EN  
[54] **A SYSTEM AND METHOD FOR PROVIDING E-COMMERCE ACCESS TO AN INTERNET WEBSITE**  
[54] **SYSTEME ET PROCEDE POUR FOURNIR UN ACCES AU COMMERCE ELECTRONIQUE DANS UN SITE WEB D'INTERNET**  
[72] BOYLE, JAMES JOSEPH, US  
[71] BOYLE, JAMES JOSEPH, US  
[85] 2001-03-19  
[86] 1999-09-17 (PCT/US99/21599)  
[87] 2000-03-30 (WO00/17796)  
[30] US (09/156,603) 1998-09-18

[21] **2,344,686**  
[13] A1

[51] **Int.Cl. 7C07J 1/00 7A61K 31/565**  
[25] EN  
[54] **HIGH PURITY COMPOSITION COMPRISING (7.ALPHA.,17.ALPHA.)-17-HYDROXY- 7-METHYL- 19-NOR-17-PREGN- 5(10)-EN-20-YN-3-ONE**  
[54] **COMPOSITION A DEGRE ELEVE DE PURETE RENFERMANT (7.ALPHA.,17.ALPHA.)-17-HYDROXY-7-METHYL-19-NOR-17-PREGN-5(10)-EN-20-YN-3-ONE**  
[72] SAS, GERARD ARNOUD JOZEF MARIA THERESIA, NL  
[72] KIRCHHOLTES, PETER HUUB GERARD MARIA, NL  
[71] AKZO NOBEL N.V., NL  
[85] 2001-03-19  
[86] 1999-10-11 (PCT/EP99/07768)  
[87] 2000-04-27 (WO00/23460)  
[30] EP (98203460.5) 1998-10-16

[21] **2,344,687**  
[13] A1

[51] **Int.Cl. 7H02P 7/622 7H02P 5/402 7G01P 3/48**  
[25] EN  
[54] **METHOD FOR MEASURING THE ROTATION SPEED OF AN INDUCTION MACHINE AND AN ASSOCIATED DEVICE**  
[54] **PROCEDE ET DISPOSITIF ASSOCIE POUR MESURER LA VITESSE DE ROTATION D'UNE MACHINE INDUCTIVE**  
[72] RUNGGALDIER, DIETHARD, DE  
[72] GRIEPENTROG, GERD, DE  
[71] SIEMENS AKTIENGESSELLSCHAFT, DE  
[85] 2001-03-19  
[86] 1999-09-10 (PCT/DE99/02876)  
[87] 2000-03-30 (WO00/17999)  
[30] DE (198 43 133.3) 1998-09-21

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[21] **2,344,688**  
[13] A1

[51] **Int.Cl. 7H04N 5/44**  
[25] EN  
[54] **TELEVISION CONTROL SYSTEM FOR UNIVERSAL CONTROL OF HOSPITAL TELEVISIONS**  
[54] **SYSTEME DE COMMANDE DE TELEVISION POUR LE PILOTAGE UNIVERSEL DE TELEVISEURS A L'HOPITAL**  
[72] FRIDLEY, DUANE PATRICK, US  
[72] SCHUMAN, RICHARD J., US  
[72] DIXON, STEVEN ALAN, US  
[72] PALM, VERN, US  
[71] HILL-ROM, INC., US  
[85] 2001-03-19  
[86] 1999-09-21 (PCT/US99/21906)  
[87] 2000-03-30 (WO00/18113)  
[30] US (09/157,760) 1998-09-21

[21] **2,344,689**  
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04L 9/08 7H04L 12/58**  
[25] EN  
[54] **A SECURE DATA TRANSFER SYSTEM**  
[54] **SYSTEME SECURISE DE TRANSFERT DE DONNEES**  
[72] PERKINS, RODNEY, GB  
[71] VIACODE LIMITED, GB  
[85] 2001-03-19  
[86] 1999-09-21 (PCT/GB99/03140)  
[87] 2000-03-30 (WO00/18060)  
[30] GB (9820558.6) 1998-09-21

[21] **2,344,690**  
[13] A1

[51] **Int.Cl. 6A61K 31/15 6A61K 31/155 6A61K 31/16 6A61K 31/175 6A61K 31/195 6A61K 31/275 6A61K 31/40 6A61K 31/44 6A61K 31/50 6A61K 31/655**  
[25] EN  
[54] **FRUCTOSAMINE OXIDASE: ANTAGONISTS AND INHIBITORS**  
[54] **FRUCTOSAMINE-OXYDASE: ANTAGONISTES ET INHIBITEURS**  
[72] BAKER, JOHN RICHARD, NZ  
[71] GLYCOX CORPORATION LIMITED, NZ  
[85] 2001-03-19  
[86] 1999-09-24 (PCT/NZ99/00161)  
[87] 2000-04-06 (WO00/18392)  
[30] NZ (332084) 1998-09-25  
[30] NZ (332079) 1998-09-28  
[30] NZ (334471) 1999-03-03  
[30] NZ (337042) 1999-08-03

[21] **2,344,691**  
[13] A1

[51] **Int.Cl. 7F16L 33/02**  
[25] EN  
[54] **CLIP FITTING FOR A HOSE**  
[54] **RACCORD DE FIXATION POUR TUYAU**  
[72] SCHMIDT, JUERGEN, DE  
[72] GRAU, JEFFREY M., US  
[71] EATON AEROQUIP INC., US  
[85] 2001-03-19  
[86] 1999-09-09 (PCT/US99/20755)  
[87] 2000-04-06 (WO00/19137)  
[30] US (09/161,213) 1998-09-25

[21] **2,344,692**  
[13] A1

[51] **Int.Cl. 6B62D 5/06**  
[25] EN  
[54] **POWER STEERING SYSTEM WITH CONTROLLED CENTERING**  
[54] **DIRECTION ASSISTEE A REGULATION DE CENTRAGE**  
[72] HOWARD, DURRELL U., US  
[71] HOWARD, DURRELL U., US  
[85] 2001-03-19  
[86] 1999-06-14 (PCT/US99/13317)  
[87] 2000-06-02 (WO00/30915)  
[30] US (09/197,692) 1998-11-23

[21] **2,344,693**  
[13] A1

[51] **Int.Cl. 6H04K 1/00**  
[25] EN  
[54] **DIGITAL TRADING CARD, SYSTEM, AND METHOD**  
[54] **CARTES DE COLLECTION NUMERIQUES, SYSTEME ET PROCEDE**  
[72] ERSAVAS, MEHMET T., US  
[72] FILLER, DAVID, US  
[72] SEIDMAN, DEBORAH, US  
[72] MARION, MARTIN, US  
[72] TUREAUD, CHRISTIAN, US  
[72] DELAPENA, MICHAEL, US  
[71] CYBERACTION, INC., US  
[85] 2001-03-19  
[86] 1999-08-19 (PCT/US99/19040)  
[87] 2000-03-02 (WO00/11827)  
[30] US (09/137,295) 1998-08-20

[21] **2,344,694**  
[13] A1

[51] **Int.Cl. 7C07D 401/06 7A61K 31/47**  
[25] EN  
[54] **BENZAZINE DERIVATIVES AS PHOSPHODIESTERASE 4 INHIBITORS**  
[54] **DERIVES DE BENZAZINE UTILISES COMME INHIBITEURS DE PHOSPHODIESTERASE 4**  
[72] MORAZZONI, GABRIELE, IT  
[72] NAPOLETANO, MAURO, IT  
[72] PRADELLA, LORENZO, IT  
[72] GRANCINI, GIANCARLO, IT  
[72] PELLACINI, FRANCO, IT  
[72] NORCINI, GABRIELE, IT  
[71] ZAMBON GROUP S.P.A., IT  
[85] 2001-03-19  
[86] 1999-10-01 (PCT/EP99/07302)  
[87] 2000-04-20 (WO00/21947)  
[30] IT (MI98A002216) 1998-10-15

[21] **2,344,695**  
[13] A1

[51] **Int.Cl. 6H04B 15/00**  
[25] EN  
[54] **NOISE SUPPRESSION FOR LOW BITRATE SPEECH CODER**  
[54] **SUPPRESSION DU BRUIT POUR CODEUR VOCAL A FAIBLE DEBIT BINAIRE**  
[72] ISABELLE, STEVEN H., US  
[71] SOLANA TECHNOLOGY DEVELOPMENT CORPORATION, US  
[85] 2001-03-19  
[86] 1999-09-15 (PCT/US99/21033)  
[87] 2000-03-30 (WO00/17859)  
[30] US (09/159,358) 1998-09-23

[21] **2,344,697**  
[13] A1

[51] **Int.Cl. 7A61C 5/00 7C09K 3/00 7A61K 6/08**  
[25] EN  
[54] **CALCIFIED TISSUE FACING PREPARATION CONTAINING AN ANTIMICROBIAL AGENT**  
[54] **PREPARATION D'INCRUSTATION VESTIBULAIRE POUR TISSUS CALCIFIES CONTENANT UN AGENT BACTERICIDE**  
[72] PELERIN, JOSEPH J., US  
[71] ADVANTAGE DENTAL PRODUCTS, INC., US  
[85] 2001-03-19  
[86] 1999-09-23 (PCT/US99/21265)  
[87] 2000-03-30 (WO00/16712)  
[30] US (60/101,655) 1998-09-24



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[21] **2,344,698**  
[13] A1

[51] **Int.Cl. 7B01D 53/32 7C10K 3/04 7H01M 8/06 7C01B 3/50 7C01B 3/58**  
[25] EN  
[54] **ELECTROCATALYTIC METHOD AND DEVICE FOR REMOVING CARBON MONOXIDE FROM HYDROGEN-RICH GAS**  
[54] **PROCEDE ET DISPOSITIF ELECTROCATALYTIQUES POUVANT ELIMINER LE MONOXYDE DE CARBONE D'UN GAZ RICHE EN HYDROGENE**  
[72] WILLIAMS, JAMES C., US  
[72] LIU, DI-JIA, US  
[72] REHG, TIMOTHY J., US  
[72] KAISER, MARK, US  
[71] ALLIEDSIGNAL INC., US  
[85] 2001-03-19  
[86] 1999-09-17 (PCT/US99/21634)  
[87] 2000-03-30 (WO00/16880)  
[30] US (60/100,990) 1998-09-18  
[30] US (09/393,103) 1999-09-09

[21] **2,344,699**  
[13] A1

[51] **Int.Cl. 6C12N 15/00 6C07K 14/00 6C07H 21/04 6C12N 15/63**  
[25] EN  
[54] **EXPRESSION VECTORS CONTAINING HOT SPOT FOR INCREASED RECOMBINANT PROTEIN EXPRESSION IN TRANSFECTED CELLS**  
[54] **VECTEURS D'EXPRESSION CONTENANT UN POINT CHAUD PERMETTANT D'AUGMENTER L'EXPRESSION DE PROTEINES RECOMBINANTES DANS DES CELLULES TRANSFECTEES**  
[72] MILLER, JOHN T., US  
[72] KODURI, KANAKARAJU, US  
[72] THAMMANA, PALLAIAH, US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2001-03-19  
[86] 1999-09-07 (PCT/US99/20467)  
[87] 2000-03-30 (WO00/17337)  
[30] US (60/101,292) 1998-09-22

[21] **2,344,702**  
[13] A1

[51] **Int.Cl. 7C07C 53/06 7C07C 51/41**  
[25] EN  
[54] **METHOD FOR MANUFACTURING ALKALI METAL OR ALKALINE-EARTH METAL FORMATE**  
[54] **PROCEDE DE FABRICATION DE FORMIATE DE METAUX ALCALINS OU ALCALINO-TERREUX**  
[72] LAHTINEN, MARKO, FI  
[72] PAAATERO, ERKKI, FI  
[72] SAARI, KARI, FI  
[72] VAPAAOKSA, PEKKA, FI  
[71] KEMIRA CHEMICALS OY, FI  
[85] 2001-03-20  
[86] 1999-09-24 (PCT/FI99/00789)  
[87] 2000-04-06 (WO00/18717)  
[30] FI (982076) 1998-09-25

[21] **2,344,704**  
[13] A1

[51] **Int.Cl. 6B21D 21/00 6B21D 39/00**  
[25] EN  
[54] **NOZZLE ASSEMBLY AND METHOD OF MANUFACTURING SAME**  
[54] **ENSEMBLE BUSE ET PROCEDE DE FABRICATION DE CELLE-CI**  
[72] SAMURIN, NORMAN A., US  
[71] DRESSER-RAND COMPANY, US  
[85] 2001-03-20  
[86] 1999-09-01 (PCT/US99/20033)  
[87] 2000-03-30 (WO00/16923)  
[30] US (09/157,865) 1998-09-21

[21] **2,344,705**  
[13] A1

[51] **Int.Cl. 6A61M 1/14 6B01D 63/00**  
[25] EN  
[54] **MEMBRANE APPARATUS WITH ENHANCED MASS TRANSFER, HEAT TRANSFER AND PUMPING CAPABILITIES VIA ACTIVE MIXING**  
[54] **APPAREIL A MEMBRANE POSSEDANT UN MEILLEUR TRANSFERT DE MASSE ET DE CHALEUR ET DES CAPACITES DE POMPAGE AMELIOREES GRACE AU MELANGEAGE ACTIF**  
[72] LITWAK, PHILIP, US  
[72] BOROVETZ, HARVEY S., US  
[72] GARTNER, MARK J., US  
[72] REEDER, GARY D., US  
[71] UNIVERSITY OF PITTSBURGH, US  
[85] 2001-03-20  
[86] 1999-09-21 (PCT/US99/21862)  
[87] 2000-03-30 (WO00/16826)  
[30] US (09/157,815) 1998-09-21

[21] **2,344,706**  
[13] A1

[51] **Int.Cl. 7A63H 3/40**  
[25] EN  
[54] **DOLL HAVING EYE MOVEMENT RESPONSIVE TO LIMP MOVEMENT**  
[54] **POUPEE A MOUVEMENT OCULAIRE REAGISSANT AUX MOUVEMENTS DE DEMARCHE**  
[72] WITTENBERG, STEVEN M., US  
[71] MATTEL, INC., US  
[85] 2001-03-20  
[86] 1999-11-10 (PCT/US99/26775)  
[87] 2000-08-10 (WO00/45919)  
[30] US (09/245,185) 1999-02-05

[21] **2,344,708**  
[13] A1

[51] **Int.Cl. 7B24B 31/06 7B24B 31/14**  
[25] EN  
[54] **METHOD AND APPARATUS FOR MEDIA FINISHING**  
[54] **PROCEDE ET APPAREIL DE VIBROABRASION**  
[72] MCENENY, JEFFREY WILLIAM, US  
[71] MCENENY, JEFFREY WILLIAM, US  
[85] 2001-03-20  
[86] 1999-08-25 (PCT/US99/19565)  
[87] 2000-03-02 (WO00/10770)  
[30] US (09/139,369) 1998-08-25

[21] **2,344,709**  
[13] A1

[51] **Int.Cl. 6G08B 13/24**  
[25] EN  
[54] **FAR FIELD MAGNET RESENSITIZER APPARATUS FOR USE WITH ARTICLE SURVEILLANCE SYSTEMS**  
[54] **APPAREIL RESENSIBILISATEUR A AIMANT A CHAMP LOINTAIN UTILISE AVEC DES SYSTEMES DE SURVEILLANCE D'ARTICLES**  
[72] ZAREMBO, PETER J., US  
[72] PERSSON, ERLAND K., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2001-03-20  
[86] 1999-02-19 (PCT/US99/03635)  
[87] 2000-04-20 (WO00/22587)  
[30] US (09/170,667) 1998-10-13

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,344,715</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 29/00</b> [25] EN [54] <b>PERCUTANEOUS FILTRATION CATHETER FOR VALVE REPAIR SURGERY AND METHODS OF USE</b> [54] <b>CATHETER PERCUTANE A FILTRATION DESTINE A LA CHIRURGIE DE REPARATION VALVULAIRE ET PROCEDES D'UTILISATION CORRESPONDANTS</b> [72] JANG, YUE-TEH, US [71] EMBOL-X, INC., US [85] 2001-03-20 [86] 1999-10-08 (PCT/US99/23528) [87] 2000-04-20 (WO00/21604) [30] US (09/170,359) 1998-10-13</p>	<p style="text-align: right;">[21] <b>2,344,805</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B32B 27/08 7A63B 49/08 7B25G 1/10 7B62K 21/26</b> [25] EN [54] <b>SLIP CONTROL ARTICLE FOR WET AND DRY APPLICATIONS</b> [54] <b>ARTICLE SUPPRIMANT LE GLISSEMENT POUR APPLICATIONS A SEC ET A L'ETAT HUMIDE</b> [72] LEVITT, LEON, US [72] KOBE, JAMES J., US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2001-03-20 [86] 1999-08-23 (PCT/US99/19142) [87] 2000-04-13 (WO00/20210) [30] US (09/166,837) 1998-10-05</p>	<p style="text-align: right;">[21] <b>2,344,807</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/445 7C07D 417/04 7C07D 401/10 7C07D 401/14 7C07D 211/28 7C07D 211/58 7C07D 211/66</b> [25] EN [54] <b>NAPHTHALENE-CARBOXAMIDES AS TACHYKININ RECEPTOR ANTAGONISTS</b> [54] <b>NAPHTHALENE-CARBOXAMIDES UTILISES EN TANT QU'ANTAGONISTES DES RECEPTEURS DES TACHYKININES</b> [72] RUSSELL, KEITH, US [72] BERNSTEIN, PETER ROBERT, US [72] DEDINAS, ROBERT FRANK, US [72] OHNMACHT, CYRUS JOHN, US [71] ASTRAZENECA AB, SE [85] 2001-03-20 [86] 1999-10-04 (PCT/GB99/03273) [87] 2000-04-13 (WO00/20003) [30] GB (9821703.7) 1998-10-07 [30] GB (9905238.3) 1999-03-09</p>
<p style="text-align: right;">[21] <b>2,344,716</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 1/36</b> [25] EN [54] <b>DETERMINING BLOOD FLOW RATE IN A VESSEL</b> [54] <b>DETERMINATION DE LA VITESSE DU DEBIT SANGUIN DANS UN VAISSEAU</b> [72] MESSANA, JOSEPH M., US [72] RUBIN, JONATHAN M., US [72] WEITZEL, WILLIAM F., US [71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US [85] 2001-03-20 [86] 1999-09-09 (PCT/US99/20493) [87] 2000-04-06 (WO00/18451) [30] US (09/160,685) 1998-09-25 [30] US (09/310,673) 1999-05-12</p>	<p style="text-align: right;">[21] <b>2,344,806</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C03B 37/014 7C03B 19/14</b> [25] EN [54] <b>METHODS OF MANUFACTURING SOOT FOR OPTICAL FIBER PREFORMS AND PREFORMS MADE BY THE METHODS</b> [54] <b>PROCEDES DE FABRICATION DE SUIE POUR PREFORMES DE FIBRES OPTIQUES ET PREFORMES PRODUITES PAR CES PROCEDES</b> [72] CAIN, MICHAEL B., US [72] SRIKANT, V., US [72] HAWTOF, DANIEL W., US [71] CORNING INCORPORATED, US [85] 2001-03-20 [86] 1999-10-18 (PCT/US99/24304) [87] 2000-05-11 (WO00/26151) [30] US (60/106,513) 1998-10-30</p>	<p style="text-align: right;">[21] <b>2,344,808</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G05B 19/05</b> [25] EN [54] <b>NETWORK FOR DATA TRANSMISSION</b> [54] <b>RESEAU POUR LA TRANSMISSION DES DONNEES</b> [72] KAISER, STEFAN, DE [72] BOHRINGER, HARALD, DE [72] SCHWIPS, STEFFEN, DE [72] NEHR, WALTER, DE [72] KRAUT, ANDREAS, DE [71] JETTER AG, DE [85] 2001-03-20 [86] 1999-10-04 (PCT/EP99/07345) [87] 2000-04-13 (WO00/20935) [30] DE (198 45 876.2) 1998-10-06</p>
<p style="text-align: right;">[21] <b>2,344,718</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08G 59/06 7C09J 163/00 7C08L 63/00 7C08G 59/68</b> [25] EN [54] <b>HIGH STRENGTH EPOXY ADHESIVE AND USES THEREOF</b> [54] <b>ADHESIF EPOXYDE A HAUTE RESISTANCE ET SES UTILISATIONS</b> [72] ROBINS, JANIS, US [72] TARBUTTON, KENT S., US [72] HORVATH, DANIEL J., US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2001-03-20 [86] 1999-09-30 (PCT/US99/22991) [87] 2000-04-20 (WO00/22024) [30] US (09/170,597) 1998-10-13</p>	<p style="text-align: right;">[21] <b>2,344,809</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/28 7F21V 8/00 7G09F 9/30</b> [25] EN [54] <b>AN OPTICAL FIBER AND AN OPTICAL COMPONENT</b> [54] <b>FIBRE OPTIQUE ET COMPOSANTE OPTIQUE</b> [72] LODDOCH, MICHAEL, DE [72] KRAGL, HANS, DE [71] HARTING ELEKTRO-OPTISCHE BAUTEILE GMBH &amp; CO. KG, DE [85] 2001-03-20 [86] 1999-09-21 (PCT/EP99/06970) [87] 2000-03-30 (WO00/17678) [30] DE (198 43 164.3) 1998-09-21</p>	

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,344,810</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 23/12 7B05B 11/00 7G01F 19/00</b> [25] EN [54] <b>DOSING CONTAINER FOR REPEATEDLY WITHDRAWING FLOWABLE ADMINISTRATION PRODUCTS USED IN HEALTH CARE</b> [54] <b>RECIPIENT DOSEUR POUR PRELEVEMENT MULTIPLE DE PRODUITS COULANTS DANS LE SECTEUR DE LA SANTE</b> [72] BAYER, MICHAEL, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2001-03-20 [86] 1999-09-10 (PCT/EP99/06704) [87] 2000-03-30 (WO00/17061) [30] DE (198 43 554.1) 1998-09-23</p>	<p style="text-align: right;">[21] <b>2,344,814</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01B 7/00</b> [25] EN [54] <b>CABLE</b> [54] <b>CABLE</b> [72] GVOZDEV, IGOR EVGENIEVICH, RU [72] ALIEV, NARIMAN OKTAI-OGLY, RU [72] MAXIMCHENKO, VLADIMIR ALEXEEVICH, RU [71] OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTJU, RU [85] 2001-04-10 [86] 2000-03-13 (PCT/RU00/00084) [87] 2000-09-14 (WO00/54288) [30] RU (99105000) 1999-03-11</p>	<p style="text-align: right;">[21] <b>2,344,817</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63H 3/28</b> [25] EN [54] <b>COOPERATING DOLL PAIR HAVING ONE DOLL PROVIDING SPEECH FOR THE OTHER</b> [54] <b>PAIRE DE POUPEES COOPERANTES L'UNE FOURNISSANT LA PAROLE DE L'AUTRE</b> [72] FRANKE, JOE, US [72] LEVINE, ESTHER, US [72] WALSH, BRIAN E., US [71] MATTEL, INC., US [85] 2001-03-20 [86] 1999-11-10 (PCT/US99/26774) [87] 2000-08-10 (WO00/45918) [30] US (09/244,940) 1999-02-04</p>
<p style="text-align: right;">[21] <b>2,344,811</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 17/06 6C11D 11/00 6C11D 17/00</b> [25] EN [54] <b>DETERGENT COMPOSITIONS</b> [54] <b>COMPOSITIONS DETERGENTES</b> [72] BROOKER, ALAN THOMAS, GB [72] NORWOOD, KEVIN, US [72] ALAM, ZAYEED, GB [72] BAILLELY, GERARD MARCEL, GB [72] HARTSHORN, RICHARD TIMOTHY, GB [72] BOHLEN, DAVID SCOTT, US [72] CANCEIL, SYLVESTRE, GB [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-03-20 [86] 1998-09-25 (PCT/US98/20220) [87] 2000-04-06 (WO00/18873)</p>	<p style="text-align: right;">[21] <b>2,344,815</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01F 29/14</b> [25] EN [54] <b>PERMANENT MAGNETIC CORE DEVICE</b> [54] <b>DISPOSITIF A NOYAU MAGNETIQUE PERMANENT</b> [72] PIASKOWSKI, ANDREW D., CA [72] GLAVAC, VLADIMIR, CA [71] MODEX-LITE INC., CA [85] 2001-03-20 [86] 1998-09-29 (PCT/CA98/00921) [87] 2000-04-06 (WO00/19458)</p>	<p style="text-align: right;">[21] <b>2,344,818</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/30</b> [25] EN [54] <b>FINDING QUERYING PATTERNS IN QUERYING APPLICATIONS</b> [54] <b>PROCEDE ET SYSTEME PERMETTANT DE TROUVER DES MODELES CACHES DANS DES APPLICATIONS D'INTERROGATION</b> [72] RAMANUJAM, KRISHNAKUMAR, US [72] PRATAP, RAJIV, US [72] BHANDARI, INDERPAL S., US [71] VIRTUAL GOLD, INC., US [85] 2001-03-20 [86] 1999-10-12 (PCT/US99/24029) [87] 2000-04-20 (WO00/22493) [30] US (60/103,948) 1998-10-13</p>
<p style="text-align: right;">[21] <b>2,344,812</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E04G 21/32 6A62B 1/18</b> [25] EN [54] <b>ANCHOR FOR SAFETY ROPE</b> [54] <b>ANCRAGE POUR CORDE DE SECURITE</b> [72] POLDMAA, ARVO, AU [71] POLDMAA, ARVO, AU [85] 2001-04-05 [86] 1998-11-20 (PCT/AU98/00968) [87] 1999-06-03 (WO99/27213) [30] AU (PP 5682) 1998-09-03</p>	<p style="text-align: right;">[21] <b>2,344,816</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61L 9/04 7A61K 9/14</b> [25] EN [54] <b>MEDICINAL AEROSOL FORMULATION</b> [54] <b>FORMULATION D'AEROSOL MEDICINAL</b> [72] CUTIE, ANTHONY J., US [72] ADJEI, AKWETE, US [71] AEROPHARM TECHNOLOGY INCORPORATED, US [85] 2001-03-20 [86] 1999-09-17 (PCT/US99/21510) [87] 2000-03-30 (WO00/16814) [30] US (09/158,369) 1998-09-22</p>	<p style="text-align: right;">[21] <b>2,344,819</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B64C 27/35 7F16F 13/10</b> [25] EN [54] <b>FLUID DAMPER INCLUDING FLEXIBLE DAMPING PLATE</b> [54] <b>AMORTISSEUR FLUIDIQUE COMPORTANT UNE PLAQUE AMORTISSEUSE FLEXIBLE</b> [72] JONES, PETER J., US [71] LORD CORPORATION, US [85] 2001-03-20 [86] 1999-09-23 (PCT/US99/22085) [87] 2000-03-30 (WO00/17047) [30] US (09/159,293) 1998-09-23</p>

## Demandes PCT entrant en phase nationale

<p>[21] <b>2,344,820</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21C 9/00 7D21C 5/02 7D21C 9/02 7D21H 15/02</b> [25] EN [54] <b>A SANITARY PAPER PRODUCT MADE BY MODIFYING COARSE FIBERS AND PROCESS THEREOF</b> [54] <b>ARTICLE EN PAPIER HYGIENIQUE FABRIQUE PAR MODIFICATION DE FIBRES GROSSIERES ET SON PROCEDE DE FABRICATION</b> [72] LAKHANI, NAUMAN NOORALI, US [72] HSU, JAY CHIEHLUNG, US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 2001-03-20 [86] 1999-09-17 (PCT/US99/21498) [87] 2000-04-06 (WO00/19005) [30] US (09/163,987) 1998-09-30</p>	<p>[21] <b>2,344,822</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01Q 3/00</b> [25] EN [54] <b>ADAPTIVE ANTENNA FOR USE IN SAME FREQUENCY NETWORKS</b> [54] <b>ANTENNE ADAPTATIVE UTILISEE DANS DES RESEAUX DE MEME FREQUENCE</b> [72] PROCTER, JAMES A., JR., US [72] GAINNEY, KENNETH M., US [71] TANTIVITY COMMUNICATIONS, INC., US [85] 2001-03-20 [86] 1999-09-09 (PCT/US99/20691) [87] 2000-03-30 (WO00/17958) [30] US (09/157,736) 1998-09-21 [30] US (09/210,117) 1998-12-11</p>	<p>[21] <b>2,344,824</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08F 14/06 7C08F 4/34</b> [25] EN [54] <b>CONTINUOUS DOSING OF VERY FAST INITIATORS DURING POLYMERIZATION REACTIONS</b> [54] <b>DOSAGE EN CONTINU D'INITIATEURS TRES RAPIDES DANS DES REACTIONS DE POLYMERISATION</b> [72] VAN SWIETEN, ANDREAS PETRUS, NL [72] WESTMIJZE, HANS, NL [72] SCHUT, JACOBUS, NL [71] AKZO NOBEL N.V., NL [85] 2001-03-20 [86] 1999-09-10 (PCT/EP99/06728) [87] 2000-03-30 (WO00/17245) [30] EP (98203176.7) 1998-09-21</p>
<p>[21] <b>2,344,821</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04B 7/005 7H04B 7/26</b> [25] EN [54] <b>POWER CONTROL PROTOCOL FOR HIGHLY VARIABLE DATA RATE REVERSE LINK OF A WIRELESS COMMUNICATION SYSTEM</b> [54] <b>PROTOCOLE DE COMMANDE DE PUISSANCE POUR LIAISON INVERSEE, A DEBIT DE DONNEES HAUTEMENT VARIABLE, DANS UN SYSTEME DE TELECOMMUNICATIONS</b> [72] PROCTOR, JAMES A., JR., US [71] TANTIVITY COMMUNICATIONS, INC., US [85] 2001-03-20 [86] 1999-09-09 (PCT/US99/20617) [87] 2000-03-30 (WO00/18034) [30] US (09/158,421) 1998-09-21</p>	<p>[21] <b>2,344,823</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04R 25/00</b> [25] EN [54] <b>METHOD FOR IN-SITU MEASURING AND CORRECTING OR ADJUSTING THE OUTPUT SIGNAL OF A HEARING AID WITH A MODEL PROCESSOR AND HEARING AID EMPLOYING SUCH A METHOD</b> [54] <b>PROCEDE DE MESURE IN SITU ET DE CORRECTION OU D'AJUSTEMENT D'UN SIGNAL DE SORTIE DE PROTHESE AUDITIVE DOTEES D'UN PROCESSEUR DE MODELES ET PROTHESE AUDITIVE CONCUE POUR LA MISE EN OEUVRE DUDIT PROCEDE</b> [72] WESTERMANN, SOREN ERIK, DK [71] TOPHOLM &amp; WESTERMANN APS, DK [85] 2001-03-20 [86] 1998-11-09 (PCT/EP98/07131) [87] 2000-05-18 (WO00/28783)</p>	<p>[21] <b>2,344,826</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05K 3/00 6H01L 21/48</b> [25] EN [54] <b>FABRICATION PROCESS FOR FLEX CIRCUIT APPLICATIONS</b> [54] <b>PROCEDE DE FABRICATION D'UN CIRCUIT IMPRIME SOUPLE</b> [72] HARVEY, PAUL M., US [72] DOWER, WILLIAM V., US [72] BALLARD, WILLIAM V., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2001-03-20 [86] 1999-02-11 (PCT/US99/03062) [87] 2000-04-20 (WO00/22896) [30] US (09/173,325) 1998-10-15</p>

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,344,827</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 27/26 7G01N 1/00 7G01N 27/447</b> [25] EN [54] <b>MICROFLUIDIC CONTROLLER AND DETECTOR SYSTEM WITH SELF-CALIBRATION</b> [54] <b>SYSTEME DE COMMANDE ET DE DETECTION MICROFLUIDIQUE A AUTO-CALIBRAGE</b> [72] LACY, MICHAEL, US [72] CHOW, CALVIN, US [72] NAGLE, ROBERT, US [72] KENNEDY, COLIN, US [72] JENSEN, MORTEN J., US [71] CALIPER TECHNOLOGIES CORP., US [85] 2001-03-20 [86] 1999-10-12 (PCT/US99/23756) [87] 2000-04-20 (WO00/22424) [30] US (60/104,260) 1998-10-14 [30] US (09/374,878) 1999-08-13</p>	<p style="text-align: right;">[21] <b>2,344,830</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01F 1/84 7G01N 9/00 7G01F 1/74</b> [25] EN [54] <b>TRANSIENT BUBBLE REMEDIATION IN CORIOLIS FLOWMETERS</b> [54] <b>BIORESTAURATION DES BULLES TRANSITOIRES DANS DES DEBITMETRES A EFFET DE CORIOLIS</b> [72] DUTTON, ROBERT E., US [71] MICRO MOTION, INC., US [85] 2001-03-20 [86] 1999-09-09 (PCT/US99/20616) [87] 2000-04-06 (WO00/19175) [30] US (09/163,529) 1998-09-30</p>	<p style="text-align: right;">[21] <b>2,344,833</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21C 9/16 7C07C 233/36</b> [25] EN [54] <b>OXYGEN BLEACHING OF PULP USING AN AGGLOMERATED BLEACH ACTIVATOR</b> [54] <b>BLANCHIMENT A L'OXYGENE AU MOYEN D'UN ACTIVATEUR AGGLOMERE</b> [72] WILLIAMS, JANE, GB [72] CHADWICK, MARK ARDERN, GB [72] WITHENSHAW, JOHN DAVID, GB [72] TURNER, NEIL ANTHONY, GB [71] WARWICK INTERNATIONAL GROUP LIMITED, GB [85] 2001-03-20 [86] 1999-09-22 (PCT/GB99/03178) [87] 2000-04-06 (WO00/19006) [30] GB (9821165.9) 1998-09-30</p>
<p style="text-align: right;">[21] <b>2,344,828</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 487/04 6A61K 31/505</b> [25] EN [54] <b>-1,2,4-TRIAZOLO-1,5-C-PYRIMIDINE DERIVATIVES</b> [54] <b>DERIVES DE -1,2,4-TRIAZOLO-1,5-C-PYRIMIDINE</b> [72] OSAKADA, NAOTO, JP [72] IMMA, HIRONORI, JP [72] SHIOZAKI, SHIZUO, JP [72] SHIMADA, JUNICHI, JP [72] KUWANA, YOSHIHISA, JP [72] KANDA, TOMOYUKI, JP [71] KYOWA HAKKO KOGYO CO., LTD., JP [85] 2001-03-20 [86] 1999-09-22 (PCT/JP99/05176) [87] 2000-03-30 (WO00/17201) [30] JP (10/267178) 1998-09-22</p>	<p style="text-align: right;">[21] <b>2,344,831</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D04H 13/00 7D04H 1/46</b> [25] EN [54] <b>A FABRIC</b> [54] <b>TISSU</b> [72] BROWN, LAWRENCE M., US [72] MAYFIELD, FRANCES W., US [72] CLEVELAND, TERRY R., US [72] RADWANSKI, FRED R., US [72] SKOOG, HENRY, US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 2001-03-20 [86] 1999-09-17 (PCT/US99/21497) [87] 2000-04-06 (WO00/18996) [30] US (09/163,216) 1998-09-29</p>	<p style="text-align: right;">[21] <b>2,344,834</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 5/0484 7G06F 17/00 7A61B 5/16</b> [25] EN [54] <b>APPARATUS AND METHOD FOR PREDICTING PROBABILITY OF EXPLOSIVE BEHAVIOR IN PEOPLE</b> [54] <b>DISPOSITIF ET PROCEDE PERMETTANT D'EVALUER LA PROBABILITE DE COMPORTEMENT EXPLOSIF CHEZ DES PERSONNES</b> [72] BARS, DONALD R., US [72] HEYREND, F. LEMARR, US [71] BARS, DONALD R., US [71] HEYREND, F. LEMARR, US [85] 2001-03-20 [86] 1999-09-20 (PCT/US99/21880) [87] 2000-03-30 (WO00/16690) [30] US (09/158,190) 1998-09-21</p>
<p style="text-align: right;">[21] <b>2,344,829</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/00</b> [25] EN [54] <b>VOICE INFORMATION SERVICE NETWORKING SYSTEM</b> [54] <b>SYSTEME EN RESEAU DE SERVICE D'INFORMATION VOCALE</b> [72] LYENDECKER, ROBERT R., US [71] GLENAYRE ELECTRONICS, INC., US [85] 2001-03-20 [86] 1999-09-10 (PCT/US99/20707) [87] 2000-04-13 (WO00/21313) [30] US (09/167,959) 1998-10-06</p>	<p style="text-align: right;">[21] <b>2,344,832</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/56</b> [25] EN [54] <b>METHOD AND APPARATUS FOR PROVIDING INTEGRATED ROUTING FOR PSTN AND IPNT CALLS IN A CALL CENTER</b> [54] <b>PROCEDE ET APPAREIL ASSURANT UN ROUTAGE INTEGRE D'APPELS DE RTPC ET DE TELEPHONIE DE RESEAU A PROTOCOLE INTERNET DANS UN CENTRE D'APPELS</b> [72] SHENKMAN, GRIGORY, US [71] GENESYS TELECOMMUNICATIONS LABORATORIES, INC., US [85] 2001-03-20 [86] 1999-09-02 (PCT/US99/20258) [87] 2000-03-30 (WO00/18074) [30] US (09/160,558) 1998-09-24</p>	<p style="text-align: right;">[21] <b>2,344,852</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F25B 1/02 6F04B 39/02 6F25B 31/02</b> [25] EN [54] <b>SINGLE AND DOUBLE-ENDED COMPRESSORS</b> [54] <b>COMPRESSEURS A SIMPLE ET DOUBLE EXTREMITE</b> [72] DIMANSTEIN, ISAAC, AU [72] HUNT, RUSSELL, AU [71] AIRXCEL, INC., US [85] 2001-03-20 [86] 1999-09-21 (PCT/AU99/00797) [87] 2000-03-30 (WO00/17585) [30] AU (PP 6050) 1998-09-21 [30] AU (PP 9355) 1999-03-19</p>

## Demandes PCT entrant en phase nationale

[21] **2,344,853**  
[13] A1

[51] **Int.Cl. 7G01N 33/68 7C07K 16/18 7C07K 14/47 7G01N 33/569**  
[25] EN  
[54] **ASSAY FOR DISEASE RELATED CONFORMATION OF A PROTEIN**  
[54] **ESSAI DE DETECTION DE LA CONFORMATION D'UNE PROTEINE LIEE A UNE MALADIE**  
[72] PRUSINER, STANLEY B., US  
[72] SAFAR, JIRI G., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2001-03-20  
[86] 1999-10-05 (PCT/US99/23115)  
[87] 2000-04-20 (WO00/22438)  
[30] US (09/169,574) 1998-10-09

[21] **2,344,854**  
[13] A1

[51] **Int.Cl. 7B60T 13/66**  
[25] EN  
[54] **CONTROLLING A BRAKING SYSTEM**  
[54] **COMMANDE D'UN SYSTEME DE FREINAGE**  
[72] TATE, DEREK, GB  
[71] WESTINGHOUSE BRAKE AND SIGNAL HOLDINGS LIMITED, GB  
[85] 2001-03-20  
[86] 1999-09-15 (PCT/GB99/03063)  
[87] 2000-03-30 (WO00/17027)  
[30] GB (9820526.3) 1998-09-21

[21] **2,344,856**  
[13] A1

[51] **Int.Cl. 7H01M 8/04 7F01P 11/06 7B60L 11/18**  
[25] EN  
[54] **ANTIFREEZE COOLING SUBSYSTEM**  
[54] **SYSTEME DE REFROIDISSEMENT ANTIGEL**  
[72] CAMPBELL, STEPHEN A., CA  
[72] SEXSMITH, MICHAEL P., CA  
[72] WATSON, MARK K., CA  
[72] ST-PIERRE, JEAN, CA  
[72] DERFLINGER, MONIKA, DE  
[72] HORNBURG, GERALD, DE  
[71] BALLARD POWER SYSTEMS INC., CA  
[71] XCELLSIS GMBH, DE  
[85] 2001-03-20  
[86] 1999-09-17 (PCT/CA99/00850)  
[87] 2000-03-30 (WO00/17951)  
[30] DE (198 43 401.4) 1998-09-22  
[30] CA (2,247,856) 1998-09-23

[21] **2,344,857**  
[13] A1

[51] **Int.Cl. 7B60Q 11/00**  
[25] EN  
[54] **VEHICLE HEADLIGHT SYSTEM**  
[54] **SYSTEME DE PHARE DE VEHICULE**  
[72] SCHAFFER, THOMAS SCOTT, US  
[72] POIRIER, JAMES ANTHONY, US  
[71] SIEMENS AUTOMOTIVE CORPORATION, US  
[85] 2001-03-20  
[86] 1999-12-14 (PCT/US99/29509)  
[87] 2000-06-22 (WO00/35712)  
[30] US (06/112,178) 1998-12-14  
[30] US (09/458,866) 1999-12-10

[21] **2,344,858**  
[13] A1

[51] **Int.Cl. 7G09F 27/00 7G09F 9/00**  
[25] EN  
[54] **ACOUSTICALLY ACTIVATED MARKETING DEVICE**  
[54] **DISPOSITIF DE COMMERCIALISATION A ACTIVATION ACOUSTIQUE**  
[72] MANSBRIDGE, JOHN, GB  
[72] ROWE, STEPHEN PHILIP, GB  
[72] WEBB, NICHOLAS, GB  
[71] ROKE MANOR RESEARCH LIMITED, GB  
[71] WEBB, NICHOLAS, GB  
[85] 2001-03-20  
[86] 1999-12-21 (PCT/GB99/04354)  
[87] 2000-06-29 (WO00/38159)  
[30] GB (9828101.7) 1998-12-21  
[30] GB (9907626.7) 1999-04-06

[21] **2,344,860**  
[13] A1

[51] **Int.Cl. 7C08F 10/02 7C02F 1/28**  
[25] EN  
[54] **ACTIVATED CARBON FILTER**  
[54] **FILTRE AU CHARBON ACTIF**  
[72] BARTH, CHRISTIANE, DE  
[72] WANG, LOUIS, US  
[72] HAFTKA, STANISLAW, DE  
[72] EHLERS, JENS, DE  
[71] TICONA GMBH, DE  
[85] 2001-03-20  
[86] 1999-09-23 (PCT/EP99/07086)  
[87] 2000-04-06 (WO00/18810)  
[30] DE (198 44 167.3) 1998-09-25

[21] **2,344,861**  
[13] A1

[51] **Int.Cl. 7C08F 4/655 7C08F 10/00**  
[25] EN  
[54] **METHOD FOR PRODUCING A POLYMER**  
[54] **PROCEDE DE PRODUCTION D'UN POLYMERE**  
[72] WANG, LOUIS, US  
[72] HAFTKA, STANISLAW, DE  
[72] EHLERS, JENS, DE  
[71] TICONA GMBH, DE  
[85] 2001-03-20  
[86] 1999-09-23 (PCT/EP99/07085)  
[87] 2000-04-06 (WO00/18809)  
[30] DE (198 43 858.3) 1998-09-25

[21] **2,344,862**  
[13] A1

[51] **Int.Cl. 7B01D 15/02 7B01D 15/08 7G01N 30/58**  
[25] EN  
[54] **INTERMITTENT MOVING LAYER TYPE CHROMATOGRAPHIC SEPARATION DEVICE**  
[54] **DISPOSITIF DE SEPARATION CHROMATOGRAPHIQUE A COUCHE MOBILE PAR INTERMITTENCE**  
[72] OGAWA, YUJI, JP  
[71] ORGANO CORPORATION, JP  
[85] 2001-03-20  
[86] 2000-07-21 (PCT/JP00/04877)  
[87] 2001-01-25 (WO01/05482)  
[30] JP (11/205728) 1999-07-21

[21] **2,344,863**  
[13] A1

[51] **Int.Cl. 7F21V 8/00 7H01J 61/02 7H01J 65/04**  
[25] EN  
[54] **ELONGATE LIGHT SOURCE**  
[54] **SOURCE LUMINEUSE ALLONGEE**  
[72] DOLL, GERHARD, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[85] 2001-03-20  
[86] 2000-06-23 (PCT/DE00/02053)  
[87] 2001-02-01 (WO01/07830)  
[30] DE (199 33 405.6) 1999-07-21

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[21] **2,344,865**  
[13] A1  
[51] **Int.Cl. 7G02B 6/16 7G02B 6/22**  
[25] EN  
[54] **OPTICAL FIBER FOR EXTENDED WAVELENGTH BAND**  
[54] **FIBRE OPTIQUE POUR BANDE DE LONGUEUR D'ONDE ETENDUE**  
[72] TIRLONI, BARTOLOMEO ITALO, IT  
[71] PIRELLI CAVI E SISTEMI S.P.A., IT  
[85] 2001-03-20  
[86] 1999-09-21 (PCT/EP99/06958)  
[87] 2000-03-30 (WO00/17680)  
[30] EP (98117828.8) 1998-09-21  
[30] US (60/104,636) 1998-10-16

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[21] **2,344,867**  
[13] A1  
[51] **Int.Cl. 7A61K 31/00**  
[25] EN  
[54] **USE OF ORGANOPHOSPHOROUS COMPOUNDS FOR PRODUCING MEDICAMENTS FOR THE THERAPEUTIC AND PROPHYLACTIC TREATMENT OF INFECTIONS OR AS A FUNGICIDE, BACTERICIDE OR HERBICIDE FOR PLANTS**  
[54] **UTILISATION DE COMPOSES ORGANOPHOSPHORES POUR LA PRODUCTION DE MEDICAMENTS POUR LE TRAITEMENT THERAPEUTIQUE ET PROPHYLACTIQUE D'INFECTIONS OU EN TANT QUE FONGICIDE, BACTERICIDE OU HERBICIDE POUR VEGETAUX**  
[72] JOMAA, HASSAN, DE  
[71] JOMAA PHARMAKA GMBH, DE  
[85] 2001-03-20  
[86] 1999-09-22 (PCT/EP99/07054)  
[87] 2000-03-30 (WO00/16757)  
[30] DE (198 43 222.4) 1998-09-22

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[21] **2,344,868**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **CHANGING ADVERTISEMENT SIZE IN RESPONSE TO USER INTERACTIONS**  
[54] **REDIMENSIONNEMENT DES PUBLICITES EN FONCTION DE L'INTERACTION DE L'UTILISATEUR**  
[72] KLIGER, SCOTT A., US  
[71] NARRATIVE COMMUNICATIONS CORPORATION, US  
[85] 2001-03-20  
[86] 1999-09-22 (PCT/US99/21768)  
[87] 2000-04-06 (WO00/19332)  
[30] US (60/101,781) 1998-09-25  
[30] US (09/395,444) 1999-09-14

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[21] **2,344,871**  
[13] A1  
[51] **Int.Cl. 6H04R 25/00**  
[25] EN  
[54] **METHOD FOR IN-SITU MEASURING AND IN-SITU CORRECTING OR ADJUSTING A SIGNAL PROCESS IN A HEARING AID WITH A REFERENCE SIGNAL PROCESSOR**  
[54] **PROCEDE DE MESURE IN SITU ET DE CORRECTION IN SITU OU D'AJUSTEMENT D'UN TRAITEMENT DES SIGNAUX DANS UNE PROTHESE AUDITIVE DOTE E D'UN PROCESSEUR DE SIGNAUX DE REFERENCE**  
[72] WESTERMANN, SOEREN ERICK, DK  
[72] KROMAN, MORTEN, DK  
[71] TOPHOLM & WESTERMANN APS, DK  
[85] 2001-03-20  
[86] 1998-11-09 (PCT/EP98/07132)  
[87] 2000-05-18 (WO00/28784)

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[21] **2,344,872**  
[13] A1  
[51] **Int.Cl. 6B26B 21/08**  
[25] EN  
[54] **ADAPTER UNIT FOR A SHAVING RAZOR**  
[54] **ADAPTATEUR POUR RASOIR**  
[72] GRATSIAS, SPIROS, GR  
[71] TRITEC INTERNATIONAL INC., US  
[85] 2001-03-20  
[86] 1998-09-24 (PCT/US98/19997)  
[87] 2000-03-30 (WO00/16951)

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[21] **2,344,873**  
[13] A1  
[51] **Int.Cl. 6A61K 31/55 6C07D 243/10**  
[25] EN  
[54] **2-METHYL-THIENO-BENZODIAZEPINE FORMULATION**  
[54] **FORMULATION DE 2-METHYL-THIENO-BENZODIAZEPINE**  
[72] HENDRIKSEN, BARRY ARNOLD, GB  
[72] SANCHEZ-FELIX, MANUEL VICENTE, GB  
[72] TUPPER, DAVID EDWARD, GB  
[72] FERGUSON, THOMAS HARRY, US  
[72] BUNNELL, CHARLES ARTHUR, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2001-03-20  
[86] 1999-03-24 (PCT/US99/06417)  
[87] 2000-04-06 (WO00/18408)  
[30] US (09/163,768) 1998-09-30  
[30] US (09/163,769) 1998-09-30

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[21] **2,344,874**  
[13] A1  
[51] **Int.Cl. 6D02G 3/00 6B01D 47/16**  
[25] EN  
[54] **SHAPED PACKING ELEMENT**  
[54] **ELEMENT DE GARNISSAGE FACONNE**  
[72] RUKOVENA, FRANK, US  
[71] SAINT-GOBAIN NORPRO CORPORATION, US  
[85] 2001-03-20  
[86] 1999-08-18 (PCT/US99/18759)  
[87] 2000-03-30 (WO00/17428)  
[30] US (09/158,931) 1998-09-22

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[21] **2,344,876**  
[13] A1  
[51] **Int.Cl. 7A43C 15/16**  
[25] EN  
[54] **DUAL DENSITY PLASTIC CLEAT FOR FOOTWEAR**  
[54] **CRAMPON EN PLASTIQUE A DOUBLE DENSITE POUR CHAUSSURE**  
[72] MACNEILL, HARRIS L., US  
[71] MACNEIL ENGINEERING COMPANY, INC., US  
[85] 2001-03-20  
[86] 1999-10-26 (PCT/US99/25101)  
[87] 2000-05-04 (WO00/24284)  
[30] US (09/178,988) 1998-10-26

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[13] A1

[51] **Int.Cl. 6D06M 11/66 6D06M 13/184 6D06M 13/325 6D06M 13/432**  
[25] EN  
[54] **ANIONICALLY DERIVATISED COTTON FOR IMPROVED COMFORT AND CARE-FREE LAUNDERING**  
[54] **COTON A DERIVATISATION ANIONIQUE POUR UN LAVAGE ET UN ENTRETIEN FACILE**  
[72] LOGIN, ROBERT B., US  
[72] WICKER, CALVIN MCINTOSH JR., US  
[72] BELLA, OTTO, US  
[71] SYBRON CHEMICALS INC., US  
[85] 2001-03-20  
[86] 1999-09-21 (PCT/US99/21949)  
[87] 2000-03-30 (WO00/17440)  
[30] US (09/157,643) 1998-09-21

[21] **2,344,884**  
[13] A1

[51] **Int.Cl. 7A61N 1/40 7A61N 2/02**  
[25] EN  
[54] **MAGNETIC FIELD APPLICATOR FOR HEATING MAGNETIC OR MAGNETIZABLE SUBSTANCES OR SOLIDS IN BIOLOGICAL TISSUE**  
[54] **APPLICATEUR DE CHAMP MAGNETIQUE POUR LE CHAUFFAGE DE SUBSTANCES OU DE CORPS SOLIDES MAGNETIQUES OU MAGNETISABLES DANS DES TISSUS BIOLOGIQUES**  
[72] FEUCHT, PETER, DE  
[71] MFH HYPERTHERMIESYSTEME GMBH, DE  
[85] 2001-03-20  
[86] 2000-07-18 (PCT/EP00/06835)  
[87] 2001-02-15 (WO01/10500)  
[30] DE (199 37 493.7) 1999-08-07

[21] **2,344,886**  
[13] A1

[51] **Int.Cl. 7G06T 17/00**  
[25] EN  
[54] **METHOD FOR MODELING THE SHAPE OF COMPLEX STRUCTURES USING FILTERS AND TRANSFORMATIONS**  
[54] **PROCEDE DE MODELISATION DE LA FORME DE STRUCTURES COMPLEXES A L'AIDE DE FILTRES ET DE TRANSFORMATIONS**  
[72] DRURY, HEATHER A., US  
[72] ANDERSON, CHARLES H., US  
[72] VANESSEN, DAVID C., US  
[71] WASHINGTON UNIVERSITY, US  
[85] 2001-03-20  
[86] 1999-09-16 (PCT/US99/21329)  
[87] 2000-03-30 (WO00/17821)  
[30] US (60/101,242) 1998-09-21

[21] **2,344,879**  
[13] A1

[51] **Int.Cl. 7A61B 17/12**  
[25] EN  
[54] **SINGLE PULL WIRE MULTIPLE BAND LIGATOR**  
[54] **LIGATURE MULTIBANDE A FIL DE SERRAGE UNIQUE**  
[72] CHU, MICHAEL S. H., US  
[72] CHIN, YEM, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2001-03-20  
[86] 1999-09-17 (PCT/US99/21483)  
[87] 2000-03-30 (WO00/16702)  
[30] US (09/157,577) 1998-09-21

[21] **2,344,885**  
[13] A1

[51] **Int.Cl. 7A61N 1/40 7H01F 3/08**  
[25] EN  
[54] **MAGNETIC FIELD APPLICATOR FOR HEATING MAGNETIC OR MAGNETIZABLE SUBSTANCES OR SOLIDS IN BIOLOGICAL TISSUE**  
[54] **APPLICATEUR DE CHAMP MAGNETIQUE POUR LE CHAUFFAGE DE SUBSTANCES OU DE CORPS SOLIDES MAGNETIQUES OU MAGNETISABLES DANS DES TISSUS BIOLOGIQUES**  
[72] FEUCHT, PETER, DE  
[71] MFH HYPERTHERMIESYSTEME GMBH, DE  
[85] 2001-03-20  
[86] 2000-07-18 (PCT/EP00/06836)  
[87] 2001-02-15 (WO01/10501)  
[30] DE (199 37 492.9) 1999-08-07

[21] **2,344,888**  
[13] A1

[51] **Int.Cl. 7B60S 1/38**  
[25] EN  
[54] **A WINDSCREEN WIPER**  
[54] **ESSUIE-GLACE**  
[72] SWANEPOEL, ADRIAAN RETIEF, ZA  
[71] TRICO PRODUCTS CORPORATION, US  
[85] 2001-03-20  
[86] 1999-09-22 (PCT/IB99/01568)  
[87] 2000-04-20 (WO00/21809)  
[30] ZA (98/9243) 1998-10-09

[21] **2,344,882**  
[13] A1

[51] **Int.Cl. 6G01N 21/71 6G01N 33/24**  
[25] EN  
[54] **LASER-INDUCED IONISATION SPECTROSCOPY, PARTICULARLY FOR COAL**  
[54] **SPECTROSCOPIE D'IONISATION INDUITE AU LASER, DESTINEE NOTAMMENT AU CHARBON**  
[72] CHADWICK, BRUCE LEONARD, AU  
[71] GENERATION TECHNOLOGY RESEARCH PTY. LTD., AU  
[85] 2001-03-20  
[86] 1999-09-01 (PCT/AU99/00713)  
[87] 2000-03-16 (WO00/14516)  
[30] AU (PP 5730) 1998-09-04

[21] **2,344,889**  
[13] A1

[51] **Int.Cl. 7B32B 21/08 7B32B 31/20 7B32B 27/32**  
[25] EN  
[54] **MULTILAYER STRUCTURES**  
[54] **STRUCTURES A PLUSIEURS COUCHES**  
[72] KOCHER, ROGER, CH  
[72] KJELLQVIST, JERKER B. L., CH  
[72] DUBENSKY, ELLEN M., US  
[72] BETSO, STEPHEN R., DE  
[72] PARKINSON, SHAUN, ES  
[72] LIANG, WENBIN, US  
[72] BOLDO, RENZO, CH  
[72] READ, MICHAEL D., US  
[72] HARELLE, LUDOVIC, FR  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2001-03-20  
[86] 1999-10-22 (PCT/US99/24719)  
[87] 2000-05-04 (WO00/24577)  
[30] US (60/105,339) 1998-10-23  
[30] US (60/131,839) 1999-04-30



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[21] **2,344,890**  
[13] A1

[51] **Int.Cl. 7H03M 3/00 7H03M 3/02**  
[25] EN  
[54] **INTEGRATED AUDIO MIXER WITH ALTERNATING QUANTIZATION OUTPUT**  
[54] **MELANGEUR AUDIO INTEGRE AVEC UNE SORTIE DE QUANTIFICATION ALTERNANTE**  
[72] DUPUY, CHRISTIAN, FR  
[72] DA FRANCA, JOSE EPIFANIO, PT  
[72] AZEREDO LEME, CARLOS, PT  
[71] ATMEL CORPORATION, US  
[85] 2001-03-20  
[86] 1999-09-17 (PCT/US99/21524)  
[87] 2000-04-13 (WO00/21337)  
[30] US (09/168,223) 1998-10-07

[21] **2,344,891**  
[13] A1

[51] **Int.Cl. 7A61F 2/44**  
[25] EN  
[54] **SELF-BROACHING, ROTATABLE, PUSH-IN INTERBODY FUSION IMPLANT AND METHOD FOR DEPLOYMENT THEREOF**  
[54] **IMPLANT D'ARTHRODESE ROTATIF A EMBOITEMENT ET BROCHAGE AUTOMATIQUE, ET PROCEDE DE DEPLOIEMENT DE L'IMPLANT**  
[72] MICHELSON, GARY KARLIN, US  
[71] MICHELSON, GARY KARLIN, US  
[85] 2001-03-20  
[86] 1999-10-29 (PCT/US99/25292)  
[87] 2000-05-11 (WO00/25707)  
[30] US (60/106,216) 1998-10-30

[21] **2,344,893**  
[13] A1

[51] **Int.Cl. 7A61K 31/22 7A61K 31/205 7A23L 1/302 7A61K 35/78**  
[25] EN  
[54] **COMBINATION OF CARNITINES AND RESVERATROL FOR PREVENTION OR TREATMENT OF CEREBRAL AND AGEING DISORDERS**  
[54] **COMBINAISON DE CARNITINES ET DE RESVERATROL POUR PREVENIR OU TRAITER LES TROUBLES CEREBRAUX OU DU VIEILLISSEMENT**  
[72] CAVAZZA, CLAUDIO, IT  
[71] SIGMA-TAU HEALTHSCIENCE S.P.A., IT  
[85] 2001-03-20  
[86] 1999-10-06 (PCT/IT99/00311)  
[87] 2000-04-20 (WO00/21526)  
[30] IT (RM98A000636) 1998-10-09

[21] **2,344,894**  
[13] A1

[51] **Int.Cl. 7A61K 31/13 7C07D 401/06 7C07D 405/06 7C07D 409/06 7C07D 413/06 7C07D 471/06 7C07D 219/10 7C07D 491/107 7C07D 221/18 7C07D 211/32 7A61K 31/437 7A61K 31/445 7A61K 31/4523 7A61K 31/4525 7A61K 31/4535 7A61K 31/454 7A61K 31/4709 7A61K 31/473 7A61K 31/55 7A61K 31/553**  
[25] EN  
[54] **AGENTS FOR IMPROVING EXCRETORY POTENCY OF URINARY BLADDER**  
[54] **AGENTS POUR AMELIORER LE POUVOIR DE VIDANGE DE LA VESSIE**  
[72] ISHIHARA, YUJI, JP  
[72] DOI, TAKAYUKI, JP  
[72] NAGABUKURO, HIROSHI, JP  
[72] ISHICHI, YUJI, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2001-03-20  
[86] 1999-09-30 (PCT/JP99/05367)  
[87] 2000-04-06 (WO00/18391)  
[30] JP (10/276677) 1998-09-30

[21] **2,344,912**  
[13] A1

[51] **Int.Cl. 7C07F 9/12**  
[25] EN  
[54] **TRIARYL PHOSPHATE ESTER COMPOSITION**  
[54] **COMPOSITION A BASE D'ESTERS DE TRIARYLPHOSPHATE**  
[72] MAROLEWSKI, THEODORE A., US  
[72] HOMBEEK, RICHARD, US  
[72] BUCZEK, MARK, US  
[71] AKZO NOBEL N.V., NL  
[85] 2001-03-20  
[86] 1999-09-17 (PCT/EP99/07006)  
[87] 2000-03-30 (WO00/17210)  
[30] US (09/158,425) 1998-09-21  
[30] US (09/354,694) 1999-07-16

[21] **2,344,913**  
[13] A1

[51] **Int.Cl. 7A61K 31/00**  
[25] EN  
[54] **ANTIMALARIAL AGENTS**  
[54] **AGENTS ANTIPALUDEENS**  
[72] BERGERON, RAYMOND J., US  
[72] BRITTENHAM, GARY M., US  
[71] THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, US  
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US  
[85] 2001-03-20  
[86] 1999-09-21 (PCT/US99/21726)  
[87] 2000-03-30 (WO00/16763)  
[30] US (60/101,321) 1998-09-21

[21] **2,344,915**  
[13] A1

[51] **Int.Cl. 7H04N 7/50 7H04N 7/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETECTING SCENE CHANGES AND ADJUSTING PICTURE CODING TYPE IN A HIGH DEFINITION TELEVISION ENCODER**  
[54] **TECHNIQUE ET DISPOSITIF PERMETTANT DE DETECTER DES MODIFICATIONS SCENIQUES ET D'ADAPTER LE TYPE DE CODAGE D'IMAGE DANS UN CODEUR DE TELEVISION HAUTE DEFINITION**  
[72] WU, SIU-WAI, US  
[71] GENERAL INSTRUMENT CORPORATION, US  
[85] 2001-03-21  
[86] 1999-08-27 (PCT/US99/19804)  
[87] 2000-04-06 (WO00/19726)  
[30] US (60/102,234) 1998-09-29

[21] **2,344,916**  
[13] A1

[51] **Int.Cl. 6A01L 3/00**  
[25] EN  
[54] **EQUINE MULTI-PURPOSE PROTECTOR BOOT**  
[54] **PROTEGE-SABOT POLYVALENT POUR CHEVAL**  
[72] MACDONALD, DAVID DUNCAN, AU  
[71] OLD MAC'S CORPORATION PTY LTD, AU  
[85] 2001-03-21  
[86] 1999-09-23 (PCT/AU99/00800)  
[87] 2000-03-30 (WO00/16614)  
[30] AU (PP 6125) 1998-09-23  
[30] AU (PP 6380) 1998-10-06  
[30] AU (PP 7731) 1998-12-15

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[21] **2,344,917**  
[13] A1

[51] **Int.Cl. 7B60R 13/01 7B60R 7/02**  
[25] EN  
[54] **VEHICLE CARGO COMPARTMENT LINER**  
[54] **GARNITURE A COMPARTIMENTS POUR COFFRE DE VEHICULE**  
[72] RYAN, PATRICK T., CA  
[71] NEOCON INTERNATIONAL INC., CA  
[85] 2001-03-21  
[86] 1999-10-13 (PCT/CA99/00957)  
[87] 2000-04-20 (WO00/21794)  
[30] US (60/103,914) 1998-10-13

[21] **2,344,919**  
[13] A1

[51] **Int.Cl. 6A61K 31/195 6C07C 229/00**  
[25] EN  
[54] **ACTIVE ENANTIOMER OF RAR.GAMMA.-SPECIFIC AGONIST**  
[54] **ENANTIOMERE ACTIF D'AGONISTE SPECIFIQUE VIS-A-VIS DU RAR.GAMMA.**  
[72] ZUSI, FRED C., US  
[72] TRAMPOSCH, KENNETH M., US  
[72] BELEMA, MAKONEN, US  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 2001-03-21  
[86] 1999-09-21 (PCT/US99/21920)  
[87] 2000-03-30 (WO00/16769)  
[30] US (60/101,747) 1998-09-24  
[30] US (60/125,891) 1999-03-24

[21] **2,344,926**  
[13] A1

[51] **Int.Cl. 7G11B 7/24 7G11B 7/0045 7G11B 7/005**  
[25] EN  
[54] **OPTICAL RECORDING MEDIUM, OPTICAL RECORDING METHOD, OPTICAL REPRODUCING METHOD, OPTICAL RECORDING DEVICE, OPTICAL REPRODUCING DEVICE, AND OPTICAL RECORDING/REPRODUCING DEVICE**  
[54] **SUPPORT OPTIQUE D'ENREGISTREMENT, PROCEDE OPTIQUE D'ENREGISTREMENT, PROCEDE OPTIQUE DE REPRODUCTION, DISPOSITIF OPTIQUE D'ENREGISTREMENT, DISPOSITIF OPTIQUE DE REPRODUCTION, ET DISPOSITIF OPTIQUE D'ENREGISTREMENT/REPRODUCTION**  
[72] YAMAMOTO, MASANOBU, JP  
[72] ARATANI, KATSUHISA, JP  
[72] KOBAYASHI, SEIJI, JP  
[71] SONY CORPORATION, JP  
[85] 2001-03-21  
[86] 2000-07-19 (PCT/JP00/04860)  
[87] 2001-02-01 (WO01/08145)  
[30] JP (11/208179) 1999-07-22

[21] **2,344,927**  
[13] A1

[51] **Int.Cl. 7C07F 9/38 7C07F 9/553 7C07F 9/6506 7C07F 9/6518 7C07F 9/6524 7C07F 9/653 7C07F 9/6539 7C07F 9/6541 7A61K 31/66**  
[25] EN  
[54] **PHOSPHONIC ACIDS DERIVATIVES AS INHIBITORS OF PTP-1B**  
[54] **DERIVES DE L'ACIDE PHOSPHONIQUE UTILES COMME INHIBITEURS DE LA PTP-1B**  
[72] ROY, PATRICK, CA  
[72] THERIEN, MICHEL, CA  
[72] GAUTHIER, JACQUES Y., CA  
[72] LI, CHUN SING, CA  
[72] LEBLANC, YVES, CA  
[72] LAU, CHEUK K., CA  
[72] DUFRESNE, CLAUDE, CA  
[72] WANG, ZHAOYIN, CA  
[71] MERCK FROSST CANADA & CO., CA  
[85] 2001-03-21  
[86] 1999-09-21 (PCT/CA99/00864)  
[87] 2000-03-30 (WO00/17211)  
[30] US (60/101,164) 1998-09-21  
[30] US (60/127,420) 1999-04-01

[21] **2,344,928**  
[13] A1

[51] **Int.Cl. 7D21F 3/02**  
[25] EN  
[54] **PRESS SECTION AND SHOE PRESS THEREFOR**  
[54] **SECTION PRESSE ET PRESSE A SABOT POUR CETTE DERNIERE**  
[72] SAFMAN, NILS-ERIK, SE  
[72] BENGTSSON, JAN MARTIN, SE  
[72] TORNQVIST, KENTH ROGER, SE  
[72] NICANDER, JAN WILHELM, SE  
[72] BROX, ERIK, SE  
[72] KILIAN, ANNA MALIN KATARINA, SE  
[72] HELGESSON, LEIF ERIK, SE  
[72] JANSSON, KJELL SUNE EVALD, SE  
[71] VALMET-KARLSTAD AB, SE  
[85] 2001-03-21  
[86] 1999-09-07 (PCT/SE99/01550)  
[87] 2000-03-30 (WO00/17445)  
[30] SE (9803201-4) 1998-09-22

[21] **2,344,929**  
[13] A1

[51] **Int.Cl. 7F16H 55/08**  
[25] EN  
[54] **GEAR PAIRS COMPRISED OF TWO SPUR GEARS FOR STRAIGHT-CUT OR HELICAL-CUT RUNNING GEARS**  
[54] **ENGRENAGES COMPRENANT DEUX ROUES DENTEES FRONTALES POUR DENTURES D'ENGRENEMENT DROITES OU HELICOIDALES**  
[72] GUTMANN, PETER, DE  
[72] WESTERKAMP, CHRISTOPH, DE  
[71] BLW PRÄZISIONSSCHMIEDE GMBH, DE  
[85] 2001-03-21  
[86] 1999-09-28 (PCT/EP99/07175)  
[87] 2000-04-06 (WO00/19128)  
[30] DE (198 44 388.9) 1998-09-28

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,344,931</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B41J 2/155 7B41J 29/377</b> [25] EN [54] <b>DROPLET DEPOSITION APPARATUS</b> [54] <b>APPAREIL DE DEPOT DE GOUTTELETTES</b> [72] OMER, SALHADIN, GB [72] ZABA, JERZY MARCIN, GB [72] MANNING, HOWARD JOHN, GB [72] HARVEY, ROBERT ALAN, GB [72] DRURY, PAUL RAYMOND, GB [72] TEMPLE, STEVEN, GB [71] XAAR TECHNOLOGY LIMITED, GB [85] 2001-03-21 [86] 1999-10-22 (PCT/GB99/03505) [87] 2000-05-04 (WO00/24584) [30] GB (9823264.8) 1998-10-24 [30] US (60/118,574) 1999-02-05</p>	<p style="text-align: right;">[21] <b>2,344,935</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61G 7/14</b> [25] EN [54] <b>PATIENT TRANSPORT SYSTEM</b> [54] <b>SYSTEME DE TRANSPORT DE PATIENT</b> [72] HODGETTS, GRAHAM L., US [71] BARTON MEDICAL CORPORATION, US [85] 2001-03-21 [86] 1999-09-23 (PCT/US99/22094) [87] 2000-03-30 (WO00/16727) [30] US (60/101,597) 1998-09-24</p>	<p style="text-align: right;">[21] <b>2,344,940</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21C 9/18 7D21F 1/66</b> [25] EN [54] <b>METHOD AND APPARATUS FOR THE THICKENING OF FIBER SUSPENSIONS</b> [54] <b>PROCEDE ET APPAREIL D'EPAISSISSEMENT DE SUSPENSIONS DE FIBRES</b> [72] LJOKKOI, RISTO, FI [72] SHK, SAMI, FI [72] QVINTUS, HARRI, US [72] PIKKA, OLAVI, FI [72] LAINE, ANTERO, FI [71] ANDRITZ-AHLSTROM OY, FI [85] 2001-03-21 [86] 1999-09-22 (PCT/FI99/00778) [87] 2000-03-30 (WO00/17443) [30] FI (982043) 1998-09-23 [30] FI (982565) 1998-11-26</p>
<p style="text-align: right;">[21] <b>2,344,933</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B41J 2/175</b> [25] EN [54] <b>INK SUPPLY SYSTEM</b> [54] <b>SYSTEME D'AMENEE D'ENCRE</b> [72] THORPE, TIMOTHY ROBERT, GB [72] DRURY, PAUL RAYMOND, GB [71] XAAR TECHNOLOGY LIMITED, GB [85] 2001-03-21 [86] 1999-10-21 (PCT/GB99/03483) [87] 2000-04-27 (WO00/23280) [30] GB (9822875.2) 1998-10-21</p>	<p style="text-align: right;">[21] <b>2,344,936</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G08C 19/02</b> [25] EN [54] <b>A MULTIMODE I/O SIGNALING CIRCUIT</b> [54] <b>CIRCUIT DE SIGNALISATION D'E/S MULTIMODE</b> [72] MANSFIELD, WILLIAM M., US [71] MICRO MOTION, INC., US [85] 2001-03-21 [86] 1999-08-23 (PCT/US99/19089) [87] 2000-04-20 (WO00/22592) [30] US (09/173,362) 1998-10-15</p>	<p style="text-align: right;">[21] <b>2,344,942</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G09G 3/00</b> [25] EN [54] <b>VISUAL IMAGE DISPLAY DEVICES WITH MOVING LIGHT EMITTER ARRAYS AND SYNCHRONISATION DEVICES THEREFOR</b> [54] <b>DISPOSITIFS D'AFFICHAGE D'IMAGE VISUELLES EQUIPEES DE SERIES DE SOURCES LUMINEUSES MOBILES, ET DISPOSITIFS DE SYNCHRONISATION CORRESPONDANTS</b> [72] WYATT, ROY, GB [71] ADFLASH LIMITED, GB [85] 2001-03-21 [86] 1999-09-21 (PCT/GB99/03139) [87] 2000-03-30 (WO00/17843) [30] GB (9820499.3) 1998-09-22</p>
<p style="text-align: right;">[21] <b>2,344,934</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A23L 1/217</b> [25] EN [54] <b>IMPROVED PROCESS FOR PREPARING FROZEN POTATOES AND THE LIKE</b> [54] <b>PROCEDE AMELIORE DE PREPARATION DE POMMES DE TERRE CONGELEES ET ANALOGUES</b> [72] HARNEY, DAVID L., US [72] MINELLI, MICHAEL P., US [71] LAMB-WESTON, INC., US [85] 2001-03-21 [86] 1999-11-19 (PCT/US99/27470) [87] 2000-06-02 (WO00/30472) [30] US (09/198,828) 1998-11-24</p>	<p style="text-align: right;">[21] <b>2,344,938</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B41F 30/06 7B41F 17/00 7B41N 10/04</b> [25] EN [54] <b>CONTINUOUS IMAGE TRANSFER BELT AND VARIABLE IMAGE SIZE OFFSET PRINTING SYSTEM</b> [54] <b>BANDE CONTINUE DE TRANSFERT D'IMAGES ET SYSTEME D'IMPRESSION OFFSET D'IMAGES DE TAILLE VARIABLE</b> [72] ANDREW, ROBERT, US [72] MC LEAN, MICHAEL E., US [72] DZIERZYNSKI, EDWARD P., US [71] DAY INTERNATIONAL, INC., US [85] 2001-03-21 [86] 1999-09-16 (PCT/US99/21596) [87] 2000-03-30 (WO00/16979) [30] US (09/159,662) 1998-09-24</p>	

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[13] A1

[51] **Int.Cl. 7C22B 26/22 7C25C 3/04 7C22B 3/20 7C01F 5/30**  
[25] EN  
[54] **METHOD FOR THE PRODUCTION OF A HIGH-PURITY CONCENTRATED MAGNESIUM CHLORIDE SOLUTION BY ACID LEACHING AND NEUTRALIZATION**  
[54] **PROCEDE DE PRODUCTION D'UNE SOLUTION DE CHLORURE DE MAGNESIUM CONCENTRE TRES PURE, PAR LIXIVIATION ACIDE ET NEUTRALISATION**  
[72] BERUBE, MICHEL, CA  
[72] WHITE, CARL, CA  
[71] NORANDA INC., CA  
[85] 2001-03-21  
[86] 1999-09-22 (PCT/CA99/00851)  
[87] 2000-03-30 (WO00/17408)  
[30] US (09/158,607) 1998-09-23

[21] **2,344,945**  
[13] A1

[51] **Int.Cl. 7B01J 35/02 7C09D 5/00 7C09D 183/04 7C09D 201/10**  
[25] EN  
[54] **MODIFIED PHOTOCATALYST SOL**  
[54] **SOL PHOTOCATALYSEUR MODIFIE**  
[72] NAKABAYASHI, AKIRA, JP  
[71] ASAHI KASEI KABUSHIKI KAISHA, JP  
[85] 2001-03-21  
[86] 1999-11-22 (PCT/JP99/06522)  
[87] 2000-06-02 (WO00/30747)  
[30] JP (10/330941) 1998-11-20  
[30] JP (10/334519) 1998-11-25  
[30] JP (10/363376) 1998-12-21  
[30] JP (11/97471) 1999-04-05  
[30] JP (11/212050) 1999-07-27

[21] **2,344,972**  
[13] A1

[51] **Int.Cl. 7A61K 39/00 7A01N 43/04 7C12N 5/08 7A61K 39/38 7G01N 33/48 7G01N 33/574 7A61K 31/70**  
[25] EN  
[54] **CANCER IMMUNOTHERAPY AND DIAGNOSIS USING UNIVERSAL TUMOR ASSOCIATED ANTIGENS, INCLUDING HTERT**  
[54] **IMMUNOTHERAPIE ET DIAGNOSTIC DU CANCER AU MOYEN D'ANTIGENES UNIVERSELS ASSOCIES A DES TUMEURS TELS QUE HTERT**  
[72] VONDERHEIDE, ROBERT H., US  
[72] HAHN, WILLIAM C., US  
[72] SCHULTZE, JOACHIM L., US  
[72] NADLER, LEE M., US  
[71] DANA-FARBER CANCER INSTITUTE, INC., US  
[71] WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, US  
[85] 2001-04-05  
[86] 1999-10-29 (PCT/US99/25438)  
[87] 2000-05-11 (WO00/25813)  
[30] US (60/106,106) 1998-10-29

[21] **2,344,973**  
[13] A1

[51] **Int.Cl. 7C12N 15/53 7C12N 9/02 7C07K 16/40 7A61K 38/44 7C12N 15/63 7C12Q 1/68**  
[25] EN  
[54] **OXIDOREDUCTASE MOLECULES**  
[54] **MOLECULES D'OXYDOREDUCTASE**  
[72] AU-YOUNG, JANICE, US  
[72] CORLEY, NEIL C., US  
[72] BAUGHN, MARIAH R., US  
[72] AZIMZAI, YALDA, US  
[72] GUEGLER, KARL J., US  
[72] HILLMAN, JENNIFER L., US  
[72] GORGONE, GINA A., US  
[72] LAL, PREETI, US  
[72] TANG, Y. TOM, US  
[72] BANDMAN, OLGA, US  
[72] LU, DYUNG AINA M., US  
[72] YUE, HENRY, US  
[72] YANG, JUNMING, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2001-04-05  
[86] 1999-10-06 (PCT/US99/23434)  
[87] 2000-04-13 (WO00/20604)  
[30] US (60/172,227) 1998-10-06  
[30] US (60/155,202) 1998-12-02  
[30] US (60/123,911) 1999-03-10

[21] **2,344,974**  
[13] A1

[51] **Int.Cl. 7C12N 15/62 7C12N 15/12 7C07K 14/47 7G01N 33/50**  
[25] EN  
[54] **CHIMAERIC PROTEINS BETWEEN MEMBERS OF TGF-BETA SUPERFAMILY**  
[54] **PROTEINES CHIMERES PARMIL LES MEMBRES DE LA SUPERFAMILLE DU TGF-BETA**  
[72] MCCARTNEY, JOHN, US  
[72] TAI, MEI-SHENG, US  
[72] OPPERMAN, HERMANN, US  
[71] STRYKER CORPORATION, US  
[85] 2001-04-06  
[86] 1999-10-07 (PCT/US99/23371)  
[87] 2000-04-13 (WO00/20607)  
[30] US (60/103,418) 1998-10-07  
[30] US (09/374,958) 1999-08-16

[21] **2,344,976**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 45/00 7G01N 33/15 7C07K 16/28 7G01N 33/566 7A61K 31/70 7C07K 14/705**  
[25] EN  
[54] **NOVEL G-PROTEIN-COUPLED RECEPTOR PROTEIN AND ITS DNA**  
[54] **NOUVELLE PROTEINE RECEPTEUR COUPLEE A LA PROTEINE G ET ADN ASSOCIE**  
[72] WATANABE, TAKUYA, JP  
[72] MATSUI, HIDEKI, JP  
[72] TERAOKA, YASUKO, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2001-04-06  
[86] 1999-10-17 (PCT/JP99/05534)  
[87] 2000-04-13 (WO00/20580)  
[30] JP (10/286607) 1998-10-08

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<p style="text-align: right;">[21] <b>2,344,978</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/12 7C12N 15/00 7A01K 67/027 7C12N 5/10 7C07K 16/18 7C12N 1/21 7C12Q 1/68</b></p> <p>[25] EN</p> <p>[54] <b>GENES, PROTEINS AND BIALLELIC MARKERS RELATED TO CENTRAL NERVOUS SYSTEM DISEASE</b></p> <p>[54] <b>GENES, PROTEINES ET MARQUEURS BIALLELIQUES LIES A UNE MALADIE DU SYSTEME NERVEUX CENTRAL</b></p> <p>[72] BLUMENFELD, MARTA, FR</p> <p>[72] BOUGUELERET, LYDIE, FR</p> <p>[72] ESSIOUX, LAURENT, FR</p> <p>[72] COHEN, DANIEL, FR</p> <p>[72] CHUMAKOV, ILYA, FR</p> <p>[71] GENSET, FR</p> <p>[85] 2001-04-05</p> <p>[86] 1999-10-12 (PCT/IB99/01730)</p> <p>[87] 2000-04-20 (WO00/22122)</p> <p>[30] US (60/103,955) 1998-10-13</p> <p>[30] US (60/106,457) 1998-10-30</p>	<p style="text-align: right;">[21] <b>2,344,999</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B41J 2/175</b></p> <p>[25] EN</p> <p>[54] <b>INK SUPPLY FILTER</b></p> <p>[54] <b>FILTRE D'ALIMENTATION EN ENCRE</b></p> <p>[72] DRURY, PAUL RAYMOND, GB</p> <p>[72] ISON, ROBERT MARK, GB</p> <p>[71] XAAR TECHNOLOGY LIMITED, GB</p> <p>[85] 2001-03-21</p> <p>[86] 1999-10-12 (PCT/GB99/03368)</p> <p>[87] 2000-04-20 (WO00/21755)</p> <p>[30] GB (9822233.4) 1998-10-12</p> <p>[30] GB (9823717.5) 1998-10-29</p>	<p style="text-align: right;">[21] <b>2,345,003</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04M 9/00 6H04H 1/00 6H04M 11/00 6H04H 1/14 6H04Q 7/32</b></p> <p>[25] EN</p> <p>[54] <b>METHOD AND SYSTEM FOR DISTRIBUTION OF WIRELESS SIGNALS FOR INCREASED WIRELESS COVERAGE USING THE POWER LINES</b></p> <p>[54] <b>PROCEDE ET SYSTEME DE DISTRIBUTION DE SIGNAUX SANS FIL PAR L'INTERMEDIAIRE DE LIGNES ELECTRIQUES AMELIORANT LA COUVERTURE SANS FIL</b></p> <p>[72] BULLOCK, SCOTT R., US</p> <p>[72] KNAB, JOHN M., US</p> <p>[71] PHONEX CORPORATION, US</p> <p>[85] 2001-03-21</p> <p>[86] 1999-09-15 (PCT/US99/21141)</p> <p>[87] 2000-03-30 (WO00/18098)</p> <p>[30] US (09/157,632) 1998-09-21</p>
<p style="text-align: right;">[21] <b>2,344,997</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 1/37 7C11D 17/00 7C11D 17/06</b></p> <p>[25] EN</p> <p>[54] <b>DETERGENT GRANULES</b></p> <p>[54] <b>GRANULES DETERGENTS</b></p> <p>[72] BOHLEN, DAVID SCOTT, US</p> <p>[72] NORWOOD, KEVIN, US</p> <p>[72] GABRIEL, STEVEN MATTHEW, US</p> <p>[72] MORT, PAUL R., III, US</p> <p>[72] HIDALGO, NOE ONGCOY, JP</p> <p>[72] KATSUDA, RINKO, JP</p> <p>[72] TATSUNO, TERUAKI, JP</p> <p>[72] HARTSHORN, RICHARD TIMOTHY, GB</p> <p>[71] THE PROCTER &amp; GAMBLE COMPANY, US</p> <p>[85] 2001-03-21</p> <p>[86] 1999-09-20 (PCT/US99/21843)</p> <p>[87] 2000-04-06 (WO00/18856)</p> <p>[30] US (PCT/US98/20221) 1998-09-25</p> <p>[30] US (60/140,145) 1999-06-21</p>	<p style="text-align: right;">[21] <b>2,345,001</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G11B 23/02</b></p> <p>[25] EN</p> <p>[54] <b>STORAGE CASE</b></p> <p>[54] <b>BOITIER DE STOCKAGE</b></p> <p>[72] EATON, NEIL ADRIAN, GB</p> <p>[72] DAY, SIMON, GB</p> <p>[72] BAGNALL, MARK DANIEL, GB</p> <p>[72] FISHER, ANDREW WILLIAM, ZW</p> <p>[72] MARGETTS, MARK GEOFFREY NEWLAND, GB</p> <p>[71] CARLING POINT LIMITED, GB</p> <p>[85] 2001-03-21</p> <p>[86] 1999-09-16 (PCT/GB99/03084)</p> <p>[87] 2000-03-30 (WO00/17877)</p> <p>[30] GB (9820500.8) 1998-09-22</p>	<p style="text-align: right;">[21] <b>2,345,004</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B21D 39/03</b></p> <p>[25] EN</p> <p>[54] <b>JOINTING DEVICE, PUSH-THROUGH JOINTING METHOD AND PUSH-THROUGH JOINT ASSEMBLY</b></p> <p>[54] <b>DISPOSITIF D'ABOUTAGE, PROCEDE D'ABOUTAGE PAR ENCHEVETREMENT ET ASSEMBLAGE REALISE PAR ABOUTAGE PAR ENCHEVETREMENT</b></p> <p>[72] MULLER, RUDOLF, DE</p> <p>[71] DALEX-WERKE NIEPENBERG GMBH &amp; CO. KG, DE</p> <p>[85] 2001-03-21</p> <p>[86] 1999-09-10 (PCT/EP99/06678)</p> <p>[87] 2000-03-30 (WO00/16928)</p> <p>[30] DE (198 43 834.6) 1998-09-24</p>
<p style="text-align: right;">[21] <b>2,344,997</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 1/37 7C11D 17/00 7C11D 17/06</b></p> <p>[25] EN</p> <p>[54] <b>DETERGENT GRANULES</b></p> <p>[54] <b>GRANULES DETERGENTS</b></p> <p>[72] BOHLEN, DAVID SCOTT, US</p> <p>[72] NORWOOD, KEVIN, US</p> <p>[72] GABRIEL, STEVEN MATTHEW, US</p> <p>[72] MORT, PAUL R., III, US</p> <p>[72] HIDALGO, NOE ONGCOY, JP</p> <p>[72] KATSUDA, RINKO, JP</p> <p>[72] TATSUNO, TERUAKI, JP</p> <p>[72] HARTSHORN, RICHARD TIMOTHY, GB</p> <p>[71] THE PROCTER &amp; GAMBLE COMPANY, US</p> <p>[85] 2001-03-21</p> <p>[86] 1999-09-20 (PCT/US99/21843)</p> <p>[87] 2000-04-06 (WO00/18856)</p> <p>[30] US (PCT/US98/20221) 1998-09-25</p> <p>[30] US (60/140,145) 1999-06-21</p>	<p style="text-align: right;">[21] <b>2,345,002</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B29C 47/78 7C08L 61/06 7C08G 8/24</b></p> <p>[25] EN</p> <p>[54] <b>PHENOLIC RESIN SYSTEM FOR PULTRUSION COMPOSITES</b></p> <p>[54] <b>SYSTEME A BASE DE RESINE PHENOLIQUE DESTINE AUX COMPOSITES OBTENUS PAR PULTRUSION</b></p> <p>[72] TAYLOR, JOHN G., US</p> <p>[71] BORDEN CHEMICAL, INC., US</p> <p>[85] 2001-03-21</p> <p>[86] 1999-09-21 (PCT/US99/21840)</p> <p>[87] 2000-03-30 (WO00/16961)</p> <p>[30] US (09/157,952) 1998-09-22</p> <p>[30] US (09/301,315) 1999-04-29</p>	<p style="text-align: right;">[21] <b>2,345,005</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61J 1/00</b></p> <p>[25] EN</p> <p>[54] <b>CONTAINER FOR INTRAVENOUS ADMINISTRATION</b></p> <p>[54] <b>RECIPIENT POUR ADMINISTRATION PAR VOIE INTRA VEINEUSE</b></p> <p>[72] ANDERSSON, GUNNAR, SE</p> <p>[72] PETTERSON, BERT, SE</p> <p>[71] FRESENIUS KABI AB, SE</p> <p>[85] 2001-03-21</p> <p>[86] 1999-09-21 (PCT/EP99/06976)</p> <p>[87] 2000-03-30 (WO00/16729)</p> <p>[30] SE (9803209-7) 1998-09-22</p> <p>[30] US (60/101,604) 1998-09-24</p>

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<p style="text-align: right;">[21] <b>2,345,006</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 295/00</b> [25] EN [54] <b>NEW BENZOYLGUANIDINE DERIVATIVES WITH ADVANTAGEOUS PROPERTIES, PROCESSES FOR PREPARING THEM AND THEIR USE IN THE PRODUCTION OF PHARMACEUTICAL COMPOSITIONS</b> [54] <b>NOUVEAUX DERIVES DE BENZOYLGUANIDINE AUX PROPRIETES AVANTAGEUSES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION DANS LA PRODUCTION DE COMPOSITIONS PHARMACEUTIQUES</b> [72] BLECH, STEFAN MATTHIAS, DE [72] BURGER, ERICH, DE [72] ROOS, OTTO (deceased), DE [72] EICKMEIER, CHRISTIAN, DE [71] BOEHRINGER INGELHEIM PHARMA KG, DE [85] 2001-03-21 [86] 1999-09-16 (PCT/EP99/06857) [87] 2000-03-30 (WO00/17176) [30] DE (198 43 489.8) 1998-09-22</p>	<p style="text-align: right;">[21] <b>2,345,008</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C01B 25/32</b> [25] EN [54] <b>PRODUCTION OF CALCIUM HYDROGENPHOSPHATE OR MONOCALCIUM PHOSPHATE FROM CALCIUM PHOSPHATE</b> [54] <b>PRODUCTION D'HYDROGENOPHOSPHATE DE CALCIUM OU DE PHOSPHATE MONOCALCIQUE A PARTIR DE PHOSPHATE DE CALCIUM</b> [72] DE WAAL, JAN C., ZA [71] DE WAAL, WILLEM P. D., CA [85] 2001-05-29 [86] 1998-09-23 (PCT/CA98/00898) [87] 2000-03-30 (WO00/17100)</p>	<p style="text-align: right;">[21] <b>2,345,011</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 51/12 7C07C 53/08</b> [25] EN [54] <b>CARBONYLATION OF METHANOL IN THE PRESENCE OF A RHODIUM/IRIDIUM/IODIDE ION CATALYTIC SYSTEM</b> [54] <b>CARBONYLATION DU METHANOL EN PRESENCE D'UN SYSTEME CATALYTIQUE RHODIUM/IRIDIUM/ION IODURE</b> [72] TORRENCE, G. PAULL, US [72] TANKE, ROBIN S., US [72] CHEUNG, HUNG-CHEUN, US [72] SIBREL, ELAINE C., US [71] CELANESE INTERNATIONAL CORPORATION, US [85] 2001-03-21 [86] 1999-09-30 (PCT/US99/22983) [87] 2000-05-04 (WO00/24701) [30] US (09/178,325) 1998-10-23</p>
<p style="text-align: right;">[21] <b>2,345,007</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60C 11/03</b> [25] EN [54] <b>VEHICLE TYRE</b> [54] <b>PNEU DE VEHICULE</b> [72] GERRESHEIM, MANFRED, DE [72] MIYABE, SABURO, DE [72] SUGIHARA, HIDEAKI, JP [72] RIEHL, KLAUS, DE [71] DUNLOP GMBH, DE [85] 2001-03-21 [86] 2000-07-14 (PCT/IB00/01150) [87] 2001-02-01 (WO01/07270) [30] DE (199 35 052.3) 1999-07-26 [30] DE (199 40 777.0) 1999-08-27</p>	<p style="text-align: right;">[21] <b>2,345,009</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 1/02</b> [25] EN [54] <b>IMPROVED CRYOPROTECTANT SOLUTIONS</b> [54] <b>SOLUTIONS DE CRYOPROTECTION AMELIOREES</b> [72] FAHY, GREGORY M., US [72] WOWK, BRIAN, US [71] 21ST CENTURY MEDICINE, INC., US [85] 2001-03-21 [86] 1999-09-21 (PCT/US99/21736) [87] 2000-03-30 (WO00/16618) [30] US (60/101,194) 1998-09-21 [30] US (60/127,158) 1999-03-31 [30] US (60/128,142) 1999-04-07 [30] US (60/143,587) 1999-07-13</p>	<p style="text-align: right;">[21] <b>2,345,012</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 5/00</b> [25] EN [54] <b>SELECTIVE ABLATION OF GLANDULAR TISSUE</b> [54] <b>ABLATION SELECTIVE DE TISSUS GLANDULAIRES</b> [72] WOLF, GERALD L., US [71] THE GENERAL HOSPITAL CORPORATION, US [85] 2001-03-21 [86] 1999-09-21 (PCT/US99/21856) [87] 2000-03-30 (WO00/16854) [30] US (09/158,949) 1998-09-21</p>
<p style="text-align: right;">[21] <b>2,345,010</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B32B 27/36 7B65D 65/40</b> [25] EN [54] <b>POLYESTER TRAY PACKAGE WITH MULTILAYER LIDDING FILM HAVING GLYCOL-MODIFIED COPOLYESTER SEALANT LAYER</b> [54] <b>BARQUETTE EN POLYESTER MUNIE D'UN FILM D'OPERCULAGE MULTICOUCHES COMPORTANT UNE COUCHE DE SCELLEMENT EN COPOLYESTER MODIFIE EN GLYCOL</b> [72] MUELLER, WALTER B., US [71] CRYOVAC, INC., US [85] 2001-03-21 [86] 1999-09-30 (PCT/US99/22716) [87] 2000-04-06 (WO00/18580) [30] US (09/164,109) 1998-09-30</p>	<p style="text-align: right;">[21] <b>2,345,010</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 15/00 6G09B 5/08</b> [25] EN [54] <b>SYSTEM FOR DYNAMIC REGISTRATION, EVALUATION, AND CORRECTION OF FUNCTIONAL HUMAN BEHAVIOR</b> [54] <b>SYSTEME D'ENREGISTREMENT, D'EVALUATION, ET DE CORRECTION DYNAMIQUES DU COMPORTEMENT HUMAIN FONCTIONNEL</b> [72] EVEN-ZOHAR, OSHRI, NL [71] MOTEK MOTION TECHNOLOGY, INC., US [85] 2001-03-21 [86] 1999-09-22 (PCT/US99/21246) [87] 2000-03-30 (WO00/17767) [30] NL (1010150) 1998-09-22 [30] EP (98204334.1) 1998-12-21 [30] US (60/116,506) 1999-01-20</p>	

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,345,015</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 5/178</b> [25] EN [54] <b>EXACT DOSE DISPENSER DEVICE ASSEMBLY</b> [54] <b>ASSEMBLAGE DE DISPOSITIF DISTRIBUTEUR DE DOSE EXACTE</b> [72] BUEHLER, JOHN D., US [72] MATHIAS, ERIC S., US [71] COMAR, INC., US [85] 2001-03-21 [86] 1999-09-29 (PCT/US99/22497) [87] 2000-04-06 (WO00/18453) [30] US (60/102,436) 1998-09-30</p>	<p style="text-align: right;">[21] <b>2,345,018</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 1/02 7B01D 15/00 7B64D 15/00 7A01G 13/00 7A01G 15/00 7E01H 5/00 7A01N 31/02 7B60S 1/02 7C10G 33/04 7C09K 3/18 7C09K 5/20 7A61K 7/40</b> [25] EN [54] <b>POLYVINYL ALCOHOL COMPOUNDS FOR INHIBITION OF ICE GROWTH</b> [54] <b>COMPOSES DE POLYALCOOL DE VINYLE PERMETTANT D'INHIBER LA FORMATION DE GLACE</b> [72] WOWK, BRIAN, US [71] 21ST CENTURY MEDICINE, INC., US [85] 2001-03-21 [86] 1999-09-21 (PCT/US99/21967) [87] 2000-03-30 (WO00/16619) [30] US (60/101,194) 1998-09-21 [30] US (60/127,158) 1999-03-31 [30] US (60/128,142) 1999-04-07 [30] US (60/143,587) 1999-07-13</p>	<p style="text-align: right;">[21] <b>2,345,025</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 25/01</b> [25] EN [54] <b>CATHETER SET</b> [54] <b>ENSEMBLE A CATHETER</b> [72] HANSEN, HENRIK CHRISTIAN, DK [72] TANGHOEJ, ALLAN, DK [72] HORSBOEL, NIELS, DK [71] COLOPLAST A/S, DK [85] 2001-03-21 [86] 1999-09-23 (PCT/DK99/00501) [87] 2000-03-30 (WO00/16843) [30] DK (PA 1998 01196) 1998-09-23</p>
<p style="text-align: right;">[21] <b>2,345,016</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16H 3/083 6F16D 21/00 6F16H 3/089 6F16D 25/10</b> [25] EN [54] <b>IMPROVED TRANSMISSION SYSTEM AND CLUTCH AND GEAR WHEEL ASSEMBLY THEREFOR</b> [54] <b>BOITE DE VITESSES ET SYSTEME D'EMBAYAGE AMELIORES, ET ENSEMBLE PIGNON PREVU A CET EFFET</b> [72] MARTIN, WILLIAM WESLEY, GB [71] PRELOAD INTERNATIONAL LIMITED, VG [85] 2001-03-21 [86] 1999-09-23 (PCT/AU99/00811) [87] 2000-03-30 (WO00/17541) [30] AU (PP 6095) 1998-09-23 [30] AU (PP 9000) 1999-03-03 [30] AU (PP 9065) 1999-03-08 [30] AU (PQ 1483) 1999-07-07</p>	<p style="text-align: right;">[21] <b>2,345,020</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E05F 1/08</b> [25] EN [54] <b>DOOR CLOSURE MECHANISM</b> [54] <b>FERME-PORTE</b> [72] CARSON, TIMOTHY BURTON, US [71] ANTHONY, INC., US [85] 2001-03-21 [86] 1999-10-04 (PCT/US99/23091) [87] 2000-04-13 (WO00/20717) [30] US (09/166,479) 1998-10-05</p>	<p style="text-align: right;">[21] <b>2,345,026</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01B 13/00 6H01B 13/32</b> [25] EN [54] <b>METHOD OF SUPPRESSING SUPERSATURATION IN UNDERGROUND ELECTRICAL CABLES</b> [54] <b>PROCEDE DE SUPPRESSION DE LA SURSATURATION DANS DES CABLES ELECTRIQUES SOUTERRAINS</b> [72] BERTINI, GLEN J., US [71] UTILX CORPORATION, US [85] 2001-03-21 [86] 1999-09-22 (PCT/US99/22025) [87] 2000-03-30 (WO00/17891) [30] US (60/101,381) 1998-09-22 [30] US (09/400,739) 1999-09-21</p>
<p style="text-align: right;">[21] <b>2,345,017</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07B 37/04 7C07C 205/06 7C07C 22/08 7C07C 43/215 7C07C 211/48 7C07C 255/50 7C07C 15/52 7C07C 69/533 7C07C 49/796</b> [25] EN [54] <b>METHOD FOR PRODUCING OLEFINS</b> [54] <b>PROCEDE DE PRODUCTION D'OLEFINES</b> [72] LOHMER, RENATE, DE [72] LOHMER, GUNTHER, DE [72] REETZ, MANFRED T., DE [72] WESTERMANN, ELKE, DE [71] STUDIENGESELLSCHAFT KOHLE MBH, DE [85] 2001-03-21 [86] 1999-09-07 (PCT/EP99/06589) [87] 2000-03-30 (WO00/17132) [30] DE (198 43 012.4) 1998-09-21</p>	<p style="text-align: right;">[21] <b>2,345,021</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61L 24/00 7A61K 6/033 7A61L 27/10 7A61L 27/12</b> [25] EN [54] <b>COMPOSITION FOR IMPLANTATION IN THE HUMAN AND ANIMAL BODY</b> [54] <b>COMPOSITION POUR IMPLANTATION DANS LE CORPS D'UN HOMME OU D'UN ANIMAL</b> [72] ROESSLER, RALF, DE [71] IVOCLAR VIVADENT AG, LI [85] 2001-03-21 [86] 2000-08-14 (PCT/EP00/07915) [87] 2001-02-22 (WO01/12242) [30] DE (199 38 704.4) 1999-08-14</p>	<p style="text-align: right;">[21] <b>2,345,029</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08K 5/13 7B29B 9/00 7B01J 2/00 7C07C 69/612</b> [25] EN [54] <b>LOW DUST BALANCED HARDNESS ANTIOXIDANT PELLETS AND PROCESS FOR THE PRODUCTION OF SAME</b> [54] <b>GRANULES ANTIOXYDANTES QUASIMENT EXEMPTES DE POUSSIERE ET A DURETE EQUILIBREE, ET LEUR PROCEDE DE PRODUCTION</b> [72] SEMEN, JOHN, US [71] ALBEMARLE CORPORATION, US [85] 2001-03-21 [86] 1999-07-28 (PCT/US99/17139) [87] 2000-03-30 (WO00/17267) [30] US (09/158,588) 1998-09-22</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,345,030</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 38/22 7A61P 37/02</b> [25] EN [54] <b>COMPOSITION AND METHOD FOR THE TREATMENT OF ENDOTOXIC SHOCK AND INFLAMMATORY AND AUTOIMMUNE DISEASES IN MAMMALS</b> [54] <b>METHODE DE TRAITEMENT DU CHOC ENDOTOXIQUE ET DE MALADIES INFLAMMATOIRES ET AUTO-IMMUNES CHEZ DES MAMMIFERES</b> [72] DELGADO MORA, MARIO, ES [72] LECETA MARTINEZ, JAVIER, ES [72] PEREZ GOMARIZ, ROSA, ES [72] MARTINEZ MORA, CARMEN, ES [71] UNIVERSIDAD COMPLUTENSE DE MADRID, ES [85] 2001-03-21 [86] 2000-06-02 (PCT/ES00/00197) [87] 2000-12-14 (WO00/74708) [30] ES (P 9901235) 1999-06-04</p>	<p style="text-align: right;">[21] <b>2,345,032</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60R 1/062 7G02B 7/182</b> [25] EN [54] <b>COORDINATED PIVOTING AND EXTENDING VEHICLE MIRROR</b> [54] <b>RETROVISEUR A EXTENSION ET PIVOTEMENT COORDONNES</b> [72] BODDY, IAN, US [72] FOOTE, KEITH D., US [71] MAGNA MIRROR SYSTEMS INC., US [85] 2001-03-21 [86] 1999-11-01 (PCT/US99/25614) [87] 2000-05-11 (WO00/26700) [30] US (60/106,674) 1998-11-02</p>	<p style="text-align: right;">[21] <b>2,345,036</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/30 7G06F 15/00</b> [25] EN [54] <b>ENHANCED VIDEO PROGRAMMING SYSTEM AND METHOD UTILIZING A WEB PAGE STAGING AREA</b> [54] <b>SYSTEME DE PROGRAMMATION VIDEO AMELIORE ET PROCEDE UTILISANT UNE ZONE D'ACTIVATION DE PAGE WEB</b> [72] HARRINGTON, JEFFREY M., US [71] ACTV, INC., US [85] 2001-03-21 [86] 2000-09-14 (PCT/US00/25277) [87] 2001-03-22 (WO01/20499) [30] US (09/397,298) 1999-09-15</p>
<p style="text-align: right;">[21] <b>2,345,031</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 417/12 7A01N 47/38</b> [25] EN [54] <b>SUBSTITUTED THIAZOL(IN) YLIDENEAMINO SULFONYLAMINO (THIO)CARBONYL -TRIAZOLINONES</b> [54] <b>THIAZOL(IN) YLIDENAMINO SULFONYLAMINO (THIO)CARBONYL -TRIAZOLINONES SUBSTITUEES</b> [72] GESING, ERNST RUDOLF F., DE [72] DREWES, MARK WILHELM, DE [72] KONIG, KLAUS, DE [72] JANSEN, JOHANNES RUDOLF, DE [72] MULLER, KLAUS-HELMUT, DE [72] DOLLINGER, MARKUS, US [72] WETCHOLOWSKY, INGO, BR [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2001-03-21 [86] 1999-09-13 (PCT/EP99/06753) [87] 2000-03-30 (WO00/17196) [30] DE (198 43 766.8) 1998-09-24</p>	<p style="text-align: right;">[21] <b>2,345,033</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B23D 15/00</b> [25] EN [54] <b>OSCILLATING ASSEMBLY FOR PIVOTING A BLANKING DIE</b> [54] <b>ENSEMBLE OSCILLANT DESTINE A FAIRE PIVOTER UNE MATRICE DE DECOUPAGE</b> [72] GENSEBERGER, ERICH, CA [71] COSMA INTERNATIONAL INC., CA [85] 2001-03-21 [86] 1999-10-26 (PCT/CA99/00991) [87] 2000-05-18 (WO00/27575) [30] US (60/107,135) 1998-11-05</p>	<p style="text-align: right;">[21] <b>2,345,037</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06K 19/077</b> [25] EN [54] <b>METHOD FOR PRODUCING A MICROTRANSPONDER</b> [54] <b>PROCEDE POUR PRODUIRE UN MICROTRANSPONDEUR</b> [72] PLETTNER, ANDREAS, DE [72] HABERGER, KARL, DE [71] PLETTNER, ANDREAS, DE [85] 2001-03-21 [86] 1999-10-07 (PCT/EP99/07534) [87] 2000-04-13 (WO00/21028) [30] DE (198 46 237.9) 1998-10-07</p>
<p style="text-align: right;">[21] <b>2,345,034</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/24 7H04Q 3/00</b> [25] EN [54] <b>CONNECTION ESTABLISHMENT IN A WIRELESS TELECOMMUNICATIONS NETWORK</b> [54] <b>ETABLISSEMENT DE CONNEXION DANS UN RESEAU DE TELECOMMUNICATIONS SANS FIL</b> [72] KEKKI, SAMI, FI [72] PIRKOLA, JUHA, FI [72] RAIVIO, YRJO, FI [71] NOKIA NETWORKS OY, FI [85] 2001-03-21 [86] 1999-09-20 (PCT/FI99/00770) [87] 2000-03-30 (WO00/18157) [30] FI (982029) 1998-09-21</p>	<p style="text-align: right;">[21] <b>2,345,038</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 15/177 6G06F 15/16</b> [25] EN [54] <b>SYSTEM AND METHOD FOR RESOLVING FIBRE CHANNEL DEVICE ADDRESSES ON A NETWORK USING THE DEVICE'S FULLY QUALIFIED DOMAIN NAME</b> [54] <b>SYSTEME ET PROCEDE DE RESOLUTION D'ADRESSES DE DISPOSITIFS SUR CANAUX DE FIBRES OPTIQUES SUR UN RESEAU A L'AIDE DU NOM DE DOMAINE ENTIEREMENT QUALIFIE DU DISPOSITIF</b> [72] WILSON, STEPHEN K., US [71] CROSSROADS SYSTEMS, INC., US [85] 2001-03-21 [86] 1999-09-23 (PCT/US99/22139) [87] 2000-03-30 (WO00/17769) [30] US (09/158,991) 1998-09-23</p>	



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,345,039</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01F 3/04</b> [25] EN [54] <b>MIXING SYSTEM FOR INTRODUCING AND DISPERSING GAS INTO LIQUIDS</b> [54] <b>SYSTEME DE MELANGE SERVANT A INTRODUIRE ET A DISPERSER DES GAZ DANS DES LIQUIDES</b> [72] GIGAS, BERND, US [71] GENERAL SIGNAL CORPORATION, US [85] 2001-03-21 [86] 1999-09-22 (PCT/US99/21761) [87] 2000-03-30 (WO00/16885) [30] US (09/159,531) 1998-09-23</p>	<p style="text-align: right;">[21] <b>2,345,041</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04J 3/02 6H04J 13/00 6H04Q 11/00 6H04J 3/16</b> [25] EN [54] <b>SYSTEM AND METHOD FOR PROVIDING A PROXY FARP FOR LEGACY STORAGE DEVICES</b> [54] <b>SYSTEME ET PROCEDE DE REALISATION D'UN PROTOCOLE FARP MANDATAIRE POUR DES MEMOIRES EXISTANTES</b> [72] WILSON, STEPHEN K., US [71] CROSSROADS SYSTEMS, INC., US [85] 2001-03-21 [86] 1999-09-23 (PCT/US99/22132) [87] 2000-03-30 (WO00/18049) [30] US (09/159,163) 1998-09-23</p>	<p style="text-align: right;">[21] <b>2,345,043</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 5/00 7A61M 5/172</b> [25] EN [54] <b>TELEMETERED CHARACTERISTIC MONITOR SYSTEM</b> [54] <b>SYSTEME DE SURVEILLANCE PAR TELEMESURE D'UNE CARACTERISTIQUE</b> [72] HAGUE, CLIFFORD W., US [72] PURVIS, RICHARD E., US [72] CAUSEY, JAMES D., US [72] MANN, ALFRED E., US [72] MASTROTOTARO, JOHN J., US [72] HENKE, JAMES, US [72] HONG, PETER, US [72] LIVINGSTON, JOHN H., US [72] HITE, BRAD T., US [71] MINIMED INC., US [85] 2001-03-21 [86] 1999-09-20 (PCT/US99/21703) [87] 2000-04-13 (WO00/19887) [30] US (60/103,812) 1998-10-08 [30] US (09/377,472) 1999-08-19</p>
<p style="text-align: right;">[21] <b>2,345,040</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H02K 1/08 7H02K 1/22 7H02K 1/27</b> [25] EN [54] <b>ELECTRIC DRIVE (OPTIONS)</b> [54] <b>ENTRAINEMENT ELECTRIQUE (OPTIONS)</b> [72] IGOREVICH, FEDOSOV JURIY, RU [72] LOPATINSKY, EDWARD L., US [72] KIRILLOVICH, EVSEEV RUDOLF, RU [72] ROSENFELD, SAVELIY T., US [72] MIKHAYLOVICH, CHURIKOV PAVEL, RU [72] FLORIANOVICH, KHIVRICH SERGEY, RU [71] ADVANCED ROTARY SYSTEMS, LLC, US [85] 2001-03-21 [86] 2000-07-21 (PCT/US00/19842) [87] 2001-02-01 (WO01/08283) [30] RU (99117913) 1999-07-23 [30] RU (99127325) 1999-12-09</p>	<p style="text-align: right;">[21] <b>2,345,042</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/70</b> [25] EN [54] <b>MULTI-AXIS CONNECTIONS BETWEEN SPINAL STABILIZERS AND SCREWS</b> [54] <b>CONNEXIONS A PLUSIEURS AXES ENTRE STABILISATEURS VERTEBRAUX, ET VIS CORRESPONDANTES</b> [72] PISHARODI, MADHAVAN, US [71] PERUMALA CORPORATION, US [85] 2001-03-21 [86] 1999-09-24 (PCT/US99/22232) [87] 2000-04-06 (WO00/18312) [30] US (09/161,141) 1998-09-25</p>	<p style="text-align: right;">[21] <b>2,345,044</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B61H 13/36</b> [25] EN [54] <b>IMPROVED BRAKE BEAM TRIANGLE DE FREIN AMELIORE</b> [72] SANDMANN, MICHAEL R., US [71] MINER ENTERPRISES, INC., US [85] 2001-03-21 [86] 1999-09-20 (PCT/US99/21816) [87] 2000-03-30 (WO00/17029) [30] US (09/157,821) 1998-09-21</p>
		<p style="text-align: right;">[21] <b>2,345,048</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F41H 1/00 7F41H 1/02</b> [25] EN [54] <b>CUT-RESISTANT ARTICLES OF ARAMID MICROFILAMENTS</b> [54] <b>ARTICLES EN MICROFILAMENTS D'ARAMIDE RESISTANT AUX COUPURES</b> [72] MANTEN, JOHANNES, DE [71] TWARON PRODUCTS GMBH, DE [85] 2001-02-07 [86] 1999-07-06 (PCT/EP99/04917) [87] 2000-02-17 (WO00/08410) [30] NL (98202659.3) 1998-08-07</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,345,051</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04M 3/22</b> [25] EN [54] <b>INTELLIGENT DECREASING TIMERS</b> [54] <b>INDICATEURS DE DUREE INTELLIGENTS ET DECROISSANTS</b> [72] RODRIGUEZ, JUAN GILBERTO, MX [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-03-13 [86] 1999-09-03 (PCT/SE99/01537) [87] 2000-03-30 (WO00/18089) [30] US (09/158,043) 1998-09-22</p>	<p style="text-align: right;">[21] <b>2,345,055</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B62D 55/26</b> [25] EN [54] <b>GROUSER FOR A CRAWLER CHAIN</b> [54] <b>CRAMPON POUR CHENILLES</b> [72] KANZLER, HELMUT, DE [71] KASSBOHRER GELANDEFahrZEUG AG, DE [85] 2001-03-27 [86] 2000-07-21 (PCT/EP00/06998) [87] 2001-02-08 (WO01/08963) [30] DE (299 13 344.3) 1999-07-30</p>	<p style="text-align: right;">[21] <b>2,345,058</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/18 7H04Q 7/32</b> [25] EN [54] <b>COMMUNICATION NETWORK RESEAU DE COMMUNICATION</b> [72] SCHETELIG, MARKUS, DE [72] JOERESSEN, OLAF, DE [72] MULLER, THOMAS, DE [71] NOKIA MOBILE PHONES LIMITED, FI [85] 2001-03-21 [86] 1999-09-17 (PCT/EP99/06879) [87] 2000-03-30 (WO00/18151) [30] GB (9820861.4) 1998-09-24</p>
<p style="text-align: right;">[21] <b>2,345,053</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 29/80 7C07C 29/10 7C07C 31/20</b> [25] EN [54] <b>METHOD FOR PRODUCING HIGHLY PURE MONOETHYLENE GLYCOL</b> [54] <b>PROCEDE DE PRODUCTION DE MONOETHYLENE GLYCOL DE HAUTE PURETE</b> [72] BESSLING, BERND, DE [72] HASSE, HANS, DE [72] VANSANT, FRANS, BE [72] ADRIAN, TILL, DE [72] THEIS, GERHARD, DE [71] BASF AKTIENGESellschaft, DE [85] 2001-03-22 [86] 1999-09-21 (PCT/EP99/06968) [87] 2000-03-30 (WO00/17141) [30] DE (198 43 697.1) 1998-09-23</p>	<p style="text-align: right;">[21] <b>2,345,056</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/02</b> [25] EN [54] <b>BALLOON DISSECTOR WITH IMPROVED VISUALIZATION</b> [54] <b>ELEMENT DE DISSECTION A BALLONNET A VISUALISATION AMELIOREE</b> [72] JERVIS, JAMES E., US [71] GENERAL SURGICAL INNOVATIONS, INC., US [85] 2001-03-28 [86] 2000-07-28 (PCT/US00/20452) [87] 2001-02-08 (WO01/08565) [30] US (09/364,686) 1999-07-30</p>	<p style="text-align: right;">[21] <b>2,345,059</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63H 3/28</b> [25] EN [54] <b>SOUND PRODUCING DOLL HAVING BABBLING SOUND</b> [54] <b>POUPEE EMETTANT UN SON DE BABILLAGE</b> [72] MARINE, JON, US [71] MATTEL, INC., US [85] 2001-03-21 [86] 1999-11-10 (PCT/US99/26688) [87] 2000-08-10 (WO00/45917) [30] US (09/244,811) 1999-02-05</p>
<p style="text-align: right;">[21] <b>2,345,054</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08G 18/38 7C09D 175/04 7C09D 201/06</b> [25] EN [54] <b>POWDER SLURRY COMPOSITION CONTAINING PARTICULATE CARBAMATE FUNCTIONAL COMPOUNDS</b> [54] <b>COMPOSITION DE SUSPENSION PULVERULENTE CONTENANT DES COMPOSES PARTICULAIRES FONCTIONNEL CARBAMATE</b> [72] OHRBOM, WALTER, US [72] MCGEE, JOHN, US [72] GESSNER, MICHAEL, US [72] REHFUSS, JOHN, US [71] BASF CORPORATION, US [85] 2001-03-27 [86] 1999-11-19 (PCT/US99/27518) [87] 2000-09-14 (WO00/53653) [30] US (09/211,577) 1998-12-14</p>	<p style="text-align: right;">[21] <b>2,345,057</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/18 7H04Q 7/32</b> [25] EN [54] <b>COMMUNICATION NETWORK RESEAU DE COMMUNICATION</b> [72] SCHETELIG, MARKUS, DE [72] MULLER, THOMAS, DE [72] JOERESSEN, OLAF, DE [71] NOKIA MOBILE PHONES LIMITED, FI [85] 2001-03-21 [86] 1999-09-17 (PCT/EP99/06878) [87] 2000-03-30 (WO00/18150) [30] GB (9820860.6) 1998-09-24</p>	<p style="text-align: right;">[21] <b>2,345,060</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63F 9/08</b> [25] EN [54] <b>ANIMATED PUZZLE HAVING INTERLOCKING ELEMENTS</b> [54] <b>PUZZLE ANIME A ELEMENTS IMBRIQUES</b> [72] MURRAY, MATT, US [72] BOGAR, BRETT M., US [72] MAC IVER, PETER J., US [72] MILLMAN, PETER L., US [71] MATTEL, INC., US [85] 2001-03-21 [86] 1999-11-10 (PCT/US99/26810) [87] 2000-08-10 (WO00/45913) [30] US (09/245,985) 1999-02-05</p>

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<p style="text-align: right;">[21] <b>2,345,061</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/44</b> [25] EN [54] <b>HEAT STRIPPABLE OPTICAL FIBER RIBBONS</b> [54] <b>RUBANS DE FIBRES OPTIQUES THERMOPELABLES</b> [72] WILSON, DANIEL A., US [72] RECHEL, CAMILLE, US [72] SHUSTACK, PAUL J., US [71] BORDEN CHEMICAL, INC., US [85] 2001-03-21 [86] 2000-08-09 (PCT/US00/21768) [87] 2001-02-15 (WO01/11406) [30] US (60/147,881) 1999-08-09</p>	<p style="text-align: right;">[21] <b>2,345,064</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/16 7A61K 31/445</b> [25] EN [54] <b>FENTANYL COMPOSITION FOR THE TREATMENT OF ACUTE PAIN</b> [54] <b>COMPOSITION DE FENTANYL POUR LE TRAITEMENT DES DOULEURS AIGUES</b> [72] LENNERNAS, BO, SE [72] HEDNER, THOMAS, SE [72] LENNERNAS, HANS, SE [72] NYSTROM, CHRISTER, SE [72] PETTERSSON, ANDERS, SE [71] DIABACT AB, SE [85] 2001-03-22 [86] 1999-09-24 (PCT/SE99/01688) [87] 2000-03-30 (WO00/16751) [30] SE (9803239-4) 1998-09-24</p>	<p style="text-align: right;">[21] <b>2,345,066</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/50 7A61K 31/00 7C07C 279/26 7G01N 33/68</b> [25] EN [54] <b>IDENTIFYING AGENTS THAT ALTER MITOCHONDRIAL PERMEABILITY TRANSITION PORES</b> [54] <b>IDENTIFICATION D'AGENTS MODIFIANT LES COMPOSANTS MOLECULAIRES DE TRANSITION DE PERMEABILITE DES MITOCHONDRIES</b> [72] DYKENS, JAMES A., US [72] MILLER, SCOTT W., US [72] GHOSH, SOUMITRA S., US [72] DAVIS, ROBERT E., US [71] MITOKOR, US [85] 2001-03-23 [86] 1999-09-24 (PCT/US99/22261) [87] 2000-04-06 (WO00/19200) [30] US (09/161,172) 1998-09-25</p>
<p style="text-align: right;">[21] <b>2,345,062</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A44B 18/00 6B29C 43/22</b> [25] EN [54] <b>METHOD FOR PRODUCING AN ADHESIVE CLOSING ELEMENT</b> [54] <b>PROCEDE POUR PRODUIRE UN ELEMENT DE FERMETURE AUTO-AGRIPPANTE</b> [72] TUMA, JAN, DE [71] GOTTLIEB BINDER GMBH &amp; CO., DE [85] 2001-03-22 [86] 1998-11-02 (PCT/EP98/06929) [87] 2000-05-11 (WO00/25620)</p>	<p style="text-align: right;">[21] <b>2,345,065</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 401/04 7C07D 401/14 7C07D 409/14 7A61K 31/506</b> [25] EN [54] <b>PYRIMIDONE DERIVATIVES</b> [54] <b>DERIVES PYRIMIDONE</b> [72] SHODA, AYA, JP [72] ANDO, RYOICHI, JP [72] KAWAMOTO, RIE, JP [72] SAITO, KEN-ICHI, JP [72] WATANABE, KAZUTOSHI, JP [71] MITSUBISHI CHEMICAL CORPORATION, JP [85] 2001-03-23 [86] 1999-09-24 (PCT/JP99/05224) [87] 2000-04-06 (WO00/18758) [30] JP (10/271277) 1998-09-25 [30] JP (10/305266) 1998-10-27</p>	<p style="text-align: right;">[21] <b>2,345,067</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 1/02 6C07K 1/04 6C07K 1/107</b> [25] EN [54] <b>AUXILIARY FOR AMIDE BOND FORMATION</b> [54] <b>AUXILIAIRE POUR LA FORMATION DE LIAISONS AMIDES</b> [72] SMYTHE, MARK LESLIE, AU [72] MEUTERMANS, WIM DENISE FRANS, AU [71] THE UNIVERSITY OF QUEENSLAND, AU [85] 2001-03-23 [86] 1999-09-24 (PCT/AU99/00812) [87] 2000-04-06 (WO00/18789) [30] AU (PP 6165) 1998-09-25</p>
<p style="text-align: right;">[21] <b>2,345,063</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 13/14 6G08B 23/00 6G08B 1/08</b> [25] EN [54] <b>ALARM SYSTEM FOR FORGOTTEN GOLF CLUB</b> [54] <b>SYSTEME D'ALARME POUR CLUBS DE GOLF OUBLIES</b> [72] JACKSON, ROBERT A., US [72] DAVIS, JOHN, M., US [72] JACKSON, SUSAN M., US [71] JACKSON, ROBERT A., US [71] JACKSON, SUSAN M., US [85] 2001-03-22 [86] 1999-09-22 (PCT/US99/21766) [87] 2000-04-06 (WO00/19390) [30] US (09/161,070) 1998-09-25</p>		

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,345,068</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 51/08 7C07C 57/30</b> [25] EN [54] <b>METHOD FOR PRESSURELESS PRODUCTION OF .ALPHA.,.ALPHA.-DIMETHYLPHENYL ACETIC ACID FROM .ALPHA.,.ALPHA.-DIMETHYL BENZYL CYANIDE</b> [54] <b>PROCEDE DE PRODUCTION SANS PRESSION D'ACIDE .ALPHA.,.ALPHA.-DIMETHYLPHENYLACETIQUE A PARTIR DE .ALPHA.,.ALPHA.-DIMETHYLBENZYL CYANURE</b> [72] FLEMMING, HANS-WOLFRAM, DE [72] LEHNERT, RUDOLF, DE [72] RYBCZYNSKI, WOLFGANG, DE [72] KORB, GERHARD, DE [71] AVENTIS PHARMA DEUTSCHLAND GMBH, DE [85] 2001-03-23 [86] 1999-09-15 (PCT/EP99/06829) [87] 2000-04-06 (WO00/18715) [30] DE (198 44 225.4) 1998-09-26</p>	<p style="text-align: center;">[21] <b>2,345,070</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C25B 1/02</b> [25] EN [54] <b>NATURAL GAS-ASSISTED STEAM ELECTROLYZER</b> [54] <b>ELECTROLYSEUR A VAPEUR AU GAZ NATUREL</b> [72] WALLMAN, P. HENRIK, US [72] PHAM, AI-QUOC, US [72] GLASS, ROBERT S., US [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US [85] 2001-03-21 [86] 1999-09-01 (PCT/US99/19661) [87] 2000-03-30 (WO00/17418) [30] US (09/157,687) 1998-09-21</p>	<p style="text-align: center;">[21] <b>2,345,073</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 271/26 7A01N 47/12</b> [25] EN [54] <b>OPTICALLY ACTIVE SUBSTITUTED N-ARYL-O-ARYLOXYALKYL-CARBAMATES</b> [54] <b>N-ARYLE-O-ARYLOXYALKYLE-CARBAMATES SUBSTITUES A ACTIVITE OPTIQUE</b> [72] WETCHOLOWSKY, INGO, BR [72] DREWES, MARK WILHELM, DE [72] RIEBEL, HANS-JOCHEM, DE [72] JANSEN, JOHANNES RUDOLF, DE [72] FEUCHT, DIETER, DE [72] PONTZEN, ROLF, DE [72] GROSSER, ROLF, DE [72] GESING, ERNST RUDOLF F., DE [72] KLUTH, JOACHIM, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2001-03-21 [86] 1999-09-13 (PCT/EP99/06754) [87] 2000-03-30 (WO00/17157) [30] DE (198 43 763.3) 1998-09-24</p>
<p style="text-align: center;">[21] <b>2,345,069</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 309/38 7C07D 405/04 7C07D 409/04 7C07C 317/24 7C07C 311/29 7A61K 31/35 7C07D 309/40</b> [25] EN [54] <b>2-PHENYLPYRAN-4-ONE DERIVATIVES</b> [54] <b>DERIVES DE 2-PHENYLPYRAN-4-ONE</b> [72] JIMENEZ MAYORGA, JUAN MIGUEL, ES [72] CRESPO CRESPO, MARIA ISABEL, ES [72] PUIG DURAN, CARLES, ES [72] SOCA PUEYO, LIDIA, ES [71] ALMIRALL PRODEFARMA, S.A., ES [85] 2001-03-23 [86] 1999-09-16 (PCT/EP99/06873) [87] 2000-04-06 (WO00/18753) [30] ES (P 9802011) 1998-09-25 [30] ES (P 9900619) 1999-03-26</p>	<p style="text-align: center;">[21] <b>2,345,071</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/24</b> [25] EN [54] <b>HIERARCHICAL MESSAGE ADDRESSING SCHEME</b> [54] <b>SCHEMA D'ADRESSAGE DE MESSAGES HIERARCHIQUE</b> [72] GARCIA, CESAR, MX [72] IPARREA, ROBERTO, MX [72] SALGUERO, AGUSTIN, MX [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2001-03-21 [86] 1999-10-15 (PCT/SE99/01871) [87] 2000-04-27 (WO00/24211) [30] US (60/104,931) 1998-10-20 [30] US (09/407,572) 1999-09-28</p>	<p style="text-align: center;">[21] <b>2,345,074</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 11/04</b> [25] EN [54] <b>METHOD FOR IDENTIFYING A HUB INVOLVED IN A CONNECTION BETWEEN A COMMUNICATION TERMINAL AND A SWITCHING SYSTEM</b> [54] <b>PROCEDE POUR IDENTIFIER UNE UNITE DE TRANSMISSION PRENANT PART A UNE CONNEXION ENTRE UN TERMINAL DE COMMUNICATION ET UN CENTRAL TELEPHONIQUE</b> [72] FRAAS, WOLFGANG, DE [72] HUNLICH, KLAUS, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2001-03-21 [86] 1999-09-13 (PCT/DE99/02889) [87] 2000-03-30 (WO00/17945) [30] DE (198 43 625.4) 1998-09-23</p>
<p style="text-align: center;">[21] <b>2,345,072</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 15/16</b> [25] EN [54] <b>ENHANCED VIDEO PROGRAMMING SYSTEM AND METHOD UTILIZING USER-PROFILE INFORMATION</b> [54] <b>SYSTEME DE PROGRAMMATION VIDEO AMELIORE ET PROCEDE D'UTILISATION D'INFORMATIONS DE PROFIL D'UTILISATEUR</b> [72] ABATO, MICHAEL R., US [72] DUDA, CARL R., US [72] ULLMAN, CRAIG D., US [72] HARRINGTON, JEFFREY M., US [71] ACTV, INC., US [85] 2001-03-21 [86] 2000-09-29 (PCT/US00/26888) [87] 2001-04-05 (WO01/24027) [30] US (09/409,305) 1999-09-29</p>	<p style="text-align: center;">[21] <b>2,345,072</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 15/16</b> [25] EN [54] <b>ENHANCED VIDEO PROGRAMMING SYSTEM AND METHOD UTILIZING USER-PROFILE INFORMATION</b> [54] <b>SYSTEME DE PROGRAMMATION VIDEO AMELIORE ET PROCEDE D'UTILISATION D'INFORMATIONS DE PROFIL D'UTILISATEUR</b> [72] ABATO, MICHAEL R., US [72] DUDA, CARL R., US [72] ULLMAN, CRAIG D., US [72] HARRINGTON, JEFFREY M., US [71] ACTV, INC., US [85] 2001-03-21 [86] 2000-09-29 (PCT/US00/26888) [87] 2001-04-05 (WO01/24027) [30] US (09/409,305) 1999-09-29</p>	<p style="text-align: center;">[21] <b>2,345,072</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 15/16</b> [25] EN [54] <b>ENHANCED VIDEO PROGRAMMING SYSTEM AND METHOD UTILIZING USER-PROFILE INFORMATION</b> [54] <b>SYSTEME DE PROGRAMMATION VIDEO AMELIORE ET PROCEDE D'UTILISATION D'INFORMATIONS DE PROFIL D'UTILISATEUR</b> [72] ABATO, MICHAEL R., US [72] DUDA, CARL R., US [72] ULLMAN, CRAIG D., US [72] HARRINGTON, JEFFREY M., US [71] ACTV, INC., US [85] 2001-03-21 [86] 2000-09-29 (PCT/US00/26888) [87] 2001-04-05 (WO01/24027) [30] US (09/409,305) 1999-09-29</p>

## PCT Applications Entering the National Phase

[21] **2,345,075**  
[13] A1

[51] **Int.Cl. 7A61K 9/127 7A61K 38/28**  
[25] EN  
[54] **PROTEINIC DRUG DELIVERY SYSTEM USING MEMBRANE MIMETICS**  
[54] **SYSTEME DE LIBERATION DE MEDICAMENT PROTEIQUE UTILISANT UNE MIMETIQUE MEMBRANAIRE**  
[72] MODI, PANKAJ, CA  
[71] GENEREX PHARMACEUTICALS INC., CA  
[85] 2001-03-21  
[86] 1999-09-23 (PCT/CA99/00879)  
[87] 2000-04-06 (WO00/18371)  
[30] US (09/161,447) 1998-09-27

[21] **2,345,076**  
[13] A1

[51] **Int.Cl. 6F16L 55/16 6B21C 37/12 6F16L 55/18 6B29C 63/32**  
[25] EN  
[54] **METHOD AND APPARATUS FOR WINDING A HELICAL PIPE FROM ITS INSIDE**  
[54] **PROCEDE ET APPAREIL PERMETTANT D'ENROULER UN TUYAU HELICOIDAL DE L'INTERIEUR**  
[72] MENZEL, STANLEY WILLIAM OTTO (DECEASED), AU  
[71] RIB LOC AUSTRALIA PTY. LTD., AU  
[85] 2001-03-21  
[86] 1999-09-22 (PCT/AU99/00808)  
[87] 2000-03-30 (WO00/17564)  
[30] AU (PP 6106) 1998-09-22

[21] **2,345,077**  
[13] A1

[51] **Int.Cl. 7B29C 33/18 7A61F 13/02 7B29C 39/18 7B32B 31/30**  
[25] EN  
[54] **A METHOD FOR PRODUCING A LAYERED PRODUCT**  
[54] **PROCEDE PRODUCTION D'UN PRODUIT STRATIFIE**  
[72] MARCUSSEN, JAN, DK  
[72] OEELUND, JAKOB, DK  
[72] PETERSEN, JAN, DK  
[71] COLOPLAST A/S, DK  
[85] 2001-03-21  
[86] 1999-09-27 (PCT/DK99/00505)  
[87] 2000-04-06 (WO00/18554)  
[30] DK (PA 1998 01222) 1998-09-25

[21] **2,345,078**  
[13] A1

[51] **Int.Cl. 6C02F 1/72 6C25B 9/00**  
[25] EN  
[54] **ELECTROCHEMICAL PEROXIDATION OF CONTAMINATED LIQUIDS AND SLURRIES**  
[54] **PEROXYDATION ELECTROCHIMIQUE DE LIQUIDES ET DE BOUILLIES CONTAMINEES**  
[72] CHIARENZELLI, JEFFREY R., US  
[72] SCRUDATO, RONALD J., US  
[71] RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US  
[85] 2001-03-21  
[86] 1999-09-21 (PCT/US99/21948)  
[87] 2000-03-30 (WO00/17113)  
[30] US (09/157,920) 1998-09-21

[21] **2,345,079**  
[13] A1

[51] **Int.Cl. 7A61K 31/355 7C07D 311/04**  
[25] EN  
[54] **TOCOPHEROLS, TOCOTRIENOLS, OTHER CHROMAN AND SIDE CHAIN DERIVATIVES AND USES THEREOF**  
[54] **TOCOPHEROLS, TOCOTRIENOLS, AUTRES DERIVES DE CHROMANE ET DE CHAINES LATERALES ET LEURS UTILISATIONS**  
[72] GARDNER, ROBB, US  
[72] YU, WEIPING, US  
[72] RAMANAN, PUTHUCODE N., US  
[72] HURLEY, LAURENCE, US  
[72] SANDERS, BOB G, US  
[72] ISRAEL, KAREN, US  
[72] KLINE, KIMBERLY, US  
[72] LIU, SHENQUAN, US  
[72] MENCHACA, MARLA, US  
[71] RESEARCH DEVELOPMENT FOUNDATION, US  
[85] 2001-03-21  
[86] 1999-09-23 (PCT/US99/21778)  
[87] 2000-03-30 (WO00/16772)  
[30] US (60/101,542) 1998-09-23

[21] **2,345,091**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38 7H04Q 7/32**  
[25] EN  
[54] **SYSTEM AND METHOD FOR A PREVIOUSLY ACTIVATED MOBILE STATION TO CHALLENGE NETWORK MOBILE STATION KNOWLEDGE DURING OVER THE AIR ACTIVATION**  
[54] **SYSTEME ET PROCEDE SERVANT A SOLLICITER LA CONNAISSANCE D'UNE STATION MOBILE DU RESEAU PAR UNE STATION MOBILE ACTIVEE PRECEDEMMENT PENDANT UNE ACTIVATION RADIO**  
[72] HOUDE, MICHEL, CA  
[72] CORRIVEAU, MICHEL, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-03-21  
[86] 1999-09-17 (PCT/SE99/01628)  
[87] 2000-03-30 (WO00/18169)  
[30] US (09/160,369) 1998-09-24

[21] **2,345,092**  
[13] A1

[51] **Int.Cl. 7C01B 15/023 7B01J 10/00 7B01J 8/18 7B01J 8/22 7B01J 19/24 7B01J 19/32 7B01J 8/34 7B01J 8/44**  
[25] EN  
[54] **BUBBLE COLUMN AND USE THEREOF**  
[54] **COLONNE A BULLES ET SON UTILISATION**  
[72] EICKHOFF, HUBERTUS, DE  
[72] SCHUTTE, RUDIGER, DE  
[71] DEGUSSA AG, DE  
[85] 2001-03-21  
[86] 1999-09-09 (PCT/EP99/06626)  
[87] 2000-03-30 (WO00/17098)  
[30] DE (198 43 573.8) 1998-09-23

## Demandes PCT entrant en phase nationale

[21] **2,345,094**  
[13] A1

[51] **Int.Cl. 6B65D 85/57**  
[25] EN  
[54] **PACKAGING DEVICE FOR DISC-SHAPED ITEMS AND RELATED MATERIALS AND METHOD FOR PACKAGING SUCH DISCS AND MATERIAL**  
[54] **EMBALLAGE POUR ARTICLES EN FORME DE DISQUE ET LE MATERIEL ANNEXE ET PROCEDE D'EMPAQUETAGE ASSOCIE**  
[72] GORDON, ALEXANDRA, US  
[72] GRIMES, CHARLES W., US  
[71] GORDON, ALEXANDRA, US  
[71] GRIMES, CHARLES W., US  
[85] 2001-03-21  
[86] 1999-09-23 (PCT/US99/21261)  
[87] 2000-04-06 (WO00/18663)  
[30] US (09/161,064) 1998-09-25

[21] **2,345,095**  
[13] A1

[51] **Int.Cl. 7A23G 3/00 7A23L 1/0532**  
[25] EN  
[54] **HYDROCOLLOID CONFECTIONERY**  
[54] **CONFISERIE A BASE D'HYDROCOLLOIDES**  
[72] WHITEHOUSE, ANDREW STEVE, GB  
[72] ONG, MEI HORNG, GB  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2001-03-21  
[86] 1999-09-17 (PCT/EP99/06896)  
[87] 2000-04-13 (WO00/19836)  
[30] GB (9821387.9) 1998-10-01

[21] **2,345,096**  
[13] A1

[51] **Int.Cl. 6F22B 37/48 6F28G 9/00 6F28G 1/16 6F22B 37/56**  
[25] EN  
[54] **EXFOLIATED MAGNETITE REMOVAL SYSTEM AND CONTROLLABLE FORCE COOLING FOR BOILERS**  
[54] **SYSTEME D'ELIMINATION DE LA MAGNETITE EXFOLIEE ET REFROIDISSEMENT AVEC FORCE CONTROLABLE POUR CHAUDIERES**  
[72] HUGHES, ADRIAN ROBERT, AU  
[71] C S ENERGY LTD., AU  
[85] 2001-03-21  
[86] 1999-09-23 (PCT/AU99/00799)  
[87] 2000-03-30 (WO00/17576)  
[30] AU (PP 6100) 1998-09-23  
[30] AU (PP 8060) 1999-01-08

[21] **2,345,097**  
[13] A1

[51] **Int.Cl. 7G05B 23/02 7G01D 21/00 7G05D 7/06 7F16K 17/22**  
[25] EN  
[54] **METHOD FOR DETECTING ABNORMAL FLOW RATE FOR PRESSURE FLOW RATE CONTROLLER**  
[54] **PROCEDE DE DETECTION DE DEBIT ANORMAL POUR REGULATEUR DE DEBIT DE FLUIDE SOUS PRESSION**  
[72] UNO, TOMIO, JP  
[72] FUKASAWA, KAZUO, JP  
[72] IKEDA, NOBUKAZU, JP  
[72] KOIZUMI, HIROSHI, JP  
[72] OHMI, TADAHIRO, JP  
[72] NISHINO, KOUJI, JP  
[72] IIDA, SEIICHI, JP  
[72] IDETA, EIJI, JP  
[72] NAGAOKA, HIDEKI, JP  
[72] KAGATSUME, SATOSHI, JP  
[72] DOHI, RYOUSUKE, JP  
[72] HIROSE, JUN, JP  
[71] FUJIKIN INCORPORATED, JP  
[71] OHMI, TADAHIRO, JP  
[71] IIDA, SEIICHI, JP  
[71] TOKYO ELECTRON LIMITED, JP  
[85] 2001-03-21  
[86] 2000-07-27 (PCT/JP00/05043)  
[87] 2001-02-22 (WO01/13191)  
[30] JP (11/226023) 1999-08-10

[21] **2,345,098**  
[13] A1

[51] **Int.Cl. 7A61L 2/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REDUCING THE DEGRADATION OF HEAT SENSITIVE COMPONENTS IN MEDICAL SUBSTANCES DURING HEAT STERILISATION**  
[54] **PROCEDE ET APPAREIL PERMETTANT DE REDUIRE LA DEGRADATION DES COMPOSANTES THERMOSENSIBLES CONTENUES DANS LES SUBSTANCES MEDICALES PENDANT LA STERILISATION THERMIQUE**  
[72] KJELLSTRAND, PER, SE  
[71] GAMBRO AB, SE  
[85] 2001-03-21  
[86] 1999-10-20 (PCT/SE99/01889)  
[87] 2000-05-04 (WO00/24433)  
[30] SE (9803627-0) 1998-10-23

[21] **2,345,099**  
[13] A1

[51] **Int.Cl. 7C10L 1/10 7C10L 10/00 7C10L 10/02 7C10L 1/18**  
[25] EN  
[54] **GLYOXAL AS FUEL ADDITIVE**  
[54] **GLYOXAL UTILISE COMME ADDITIF POUR CARBURANT**  
[72] KIEF, HORST, DE  
[72] HOLDERICH, WOLFGANG F., DE  
[71] KIEF, HORST, DE  
[85] 2001-03-21  
[86] 1999-09-20 (PCT/EP99/06949)  
[87] 2000-03-30 (WO00/17290)  
[30] DE (198 43 380.8) 1998-09-22

[21] **2,345,100**  
[13] A1

[51] **Int.Cl. 7A61K 31/52 7A61P 1/04**  
[25] EN  
[54] **OPTIMIZED USE OF 6-MERCAPTOPURINE DRUG IN THE TREATMENT OF IMMUNE-MEDIATED GASTROINTESTINAL DISORDERS**  
[54] **UTILISATION OPTIMISEE D'UN MEDICAMENT CONTENANT DE LA 6-MERCAPTOPURINE POUR LE TRAITEMENT DE MALADIES GASTRO-INTESTINALES A MEDIATION IMMUNE**  
[72] SEIDMAN, ERNEST G., CA  
[72] THEORET, YVES, CA  
[71] HOPITAL SAINTE-JUSTINE, CA  
[85] 2001-03-22  
[86] 1999-09-24 (PCT/IB99/01691)  
[87] 2000-03-30 (WO00/16780)  
[30] US (60/101,714) 1998-09-24  
[30] US (09/288,344) 1999-04-08

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[21] **2,345,101**  
[13] A1

[51] **Int.Cl. 6B32B 31/00**  
[25] EN  
[54] **BUSINESS CARD SHEET CONSTRUCTION AND METHODS OF MAKING AND USING SAME**  
[54] **STRUCTURE EN FEUILLE POUR CARTES DE VISITE ET PROCEDES DE FABRICATION CORRESPONDANTS**  
[72] CROSS, PATRICIA L., US  
[72] MCCARTHY, BRIAN R., US  
[72] WEIRATHER, STEVEN CRAIG, US  
[72] MOHAN, SUNJAY YEDEHALLI, US  
[72] PATTERSON, CHARLES THURMOND, US  
[72] MOORE, ARTHUR B., US  
[72] SCROGGS, TONY LEE, US  
[71] AVERY DENNISON CORPORATION, US  
[85] 2001-03-22  
[86] 1999-09-21 (PCT/US99/21854)  
[87] 2000-03-30 (WO00/16978)  
[30] US (09/158,308) 1998-09-22  
[30] US (09/158,728) 1998-09-22

[21] **2,345,102**  
[13] A1

[51] **Int.Cl. 7B65D 79/00**  
[25] EN  
[54] **BEVERAGE CONTAINER RESERVOIR DE BOISSON**  
[72] SAVRIJ DROSTE, FRED WILLEM, NL  
[72] KAMP-STROEKEN, MARIA CORNELIA HENDRIKA, NL  
[71] SCHMALBACH-LUBECA NEDERLAND B.V., NL  
[85] 2001-03-22  
[86] 1999-09-24 (PCT/NL99/00597)  
[87] 2000-03-30 (WO00/17065)  
[30] NL (1010181) 1998-09-24

[21] **2,345,103**  
[13] A1

[51] **Int.Cl. 7C07C 217/90 7C07D 263/06 7A61K 31/135 7C07D 251/16 7C07C 239/20 7A61K 31/33 7C07C 217/82 7C07C 217/84 7C07C 217/86**  
[25] EN  
[54] **(R)-CHIRAL HALOGENATED 1-SUBSTITUTED AMINO-(N+1)-ALKANOLS USEFUL FOR INHIBITING CHOLESTERYL ESTER TRANSFER PROTEIN ACTIVITY**  
[54] **AMINO-(N+1)-ALCANOLS 1-SUBSTITUES HALOGENES R-CHIRAUX, UTILES COMME INHIBITEURS DE L'ACTIVITE DE LA PROTEINE DE TRANSFERT DE L'ESTER DE CHOLESTERYLE**  
[72] SPANGLER, DALE P., US  
[72] HICKORY, BRIAN S., US  
[72] MISCHKE, DEBORAH A., US  
[72] VERNIER, WILLIAM F., US  
[72] PROMO, MICHELE A., US  
[72] RUEPPEL, MELVIN L., US  
[72] MASSA, MARK A., US  
[72] SIKORSKI, JAMES A., US  
[72] NORTON, MONICA B., US  
[72] REINHARD, EMILY J., US  
[72] DURLEY, RICHARD C., US  
[72] HAMME, ASHTON T., US  
[72] WANG, LIJUAN, US  
[72] FOBIAN, YVETTE M., US  
[72] GRAPPERHAUS, MARGARET L., US  
[72] TOLLEFSON, MICHAEL B., US  
[71] MONSANTO COMPANY, US  
[85] 2001-03-22  
[86] 1999-09-23 (PCT/US99/22120)  
[87] 2000-04-06 (WO00/18724)  
[30] US (60/101,663) 1998-09-25

[21] **2,345,104**  
[13] A1

[51] **Int.Cl. 7A63B 37/00**  
[25] EN  
[54] **GOLF BALL WITH SOFT CORE SOUPLE**  
[72] SHANNON, KEVIN, US  
[72] NEALON, JOHN L., US  
[72] KENNEDY, THOMAS J., III, US  
[72] BINETTE, MARK L., US  
[72] NESBITT, DENNIS R., US  
[72] SULLIVAN, MICHAEL J., US  
[71] SPALDING SPORTS WORLDWIDE, INC., US  
[85] 2001-03-22  
[86] 2000-08-11 (PCT/US00/22043)  
[87] 2001-02-15 (WO01/10510)  
[30] US (09/371,994) 1999-08-11

[21] **2,345,105**  
[13] A1

[51] **Int.Cl. 7C11D 17/06**  
[25] EN  
[54] **GRANULAR DETERGENT COMPOSITIONS HAVING IMPROVED SOLUBILITY PROFILES**  
[54] **COMPOSITIONS DE DETERGENT GRANULAIRES PRESENTANT DES PROFILS DE SOLUBILITE AMELIORES**  
[72] MORT, PAUL R., III, US  
[72] NORWOOD, KEVIN TODD, US  
[72] CAPECI, SCOTT WILLIAM, US  
[72] PERKIS, KRISTIN NICOLE, US  
[72] BURGESS, GEORGE, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-03-22  
[86] 1999-09-24 (PCT/US99/22396)  
[87] 2000-04-06 (WO00/18878)  
[30] US (PCT/US98/20223) 1998-09-25  
[30] US (60/148,258) 1999-08-11

[21] **2,345,106**  
[13] A1

[51] **Int.Cl. 7H01B 3/44 7C08L 23/00 7C08K 3/22**  
[25] EN  
[54] **LOW-SMOKE SELF-EXTINGUISHING ELECTRICAL CABLE AND FLAME-RETARDANT COMPOSITION USED THEREIN**  
[54] **CABLE ELECTRIQUE AUTOEXTINGUIBLE, A TRES FAIBLE EMISSION DE FUMEE, ET COMPOSITION IGNIFUGE UTILISEE DANS CELUI-CI**  
[72] ALBIZZATI, ENRICO, IT  
[72] TIRELLI, DIEGO, IT  
[72] GRIZANTE REDONDO, EDUARDO, IT  
[72] PERUZZOTTI, FRANCO, IT  
[71] PIRELLI CAVI E SISTEMI S.P.A., IT  
[85] 2001-03-22  
[86] 1999-09-17 (PCT/EP99/06910)  
[87] 2000-04-06 (WO00/19452)  
[30] EP (98118194.4) 1998-09-25  
[30] US (60/102,926) 1998-10-01

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,345,107</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06K 19/07 7G07C 9/00</b> [25] EN [54] <b>INFORMATION CARD AND INFORMATION CARD SYSTEM</b> [54] <b>CARTE PORTEUSE D'INFORMATIONS ET SYSTEME A CARTE PORTEUSE D'INFORMATIONS</b> [72] KAWAGUCHI, EIJI, JP [72] TSUDA, KUNIHIRO, JP [72] EASON, RICHARD, US [71] KAWAGUCHI, EIJI, JP [71] ASA SYSTEMS, INC., JP [71] EASON, RICHARD, US [85] 2001-03-22 [86] 1999-09-17 (PCT/US99/21663) [87] 2000-04-06 (WO00/19365) [30] JP (10/275513) 1998-09-29</p>	<p style="text-align: center;">[21] <b>2,345,110</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 35/74</b> [25] EN [54] <b>REDUCTION OF OXIDATIVE STRESS FACTORS</b> [54] <b>REDUCTION DES FACTEURS DE STRESS OXYDATIF</b> [72] NARUSZEWICZ, MAREK, PL [71] PROBI AB, SE [85] 2001-03-22 [86] 1999-10-01 (PCT/SE99/01741) [87] 2000-04-13 (WO00/20013) [30] SE (9803334-3) 1998-10-01 [30] SE (9900371-7) 1999-02-04</p>	<p style="text-align: center;">[21] <b>2,345,113</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/60</b> [25] EN [54] <b>DISPATCH MANAGEMENT SYSTEM</b> [54] <b>SYSTEME DE GESTION D'EXPEDITION</b> [72] BASS, LARRY D., US [71] DEALERS TRANSPORT, LTD., US [85] 2001-03-22 [86] 1999-10-05 (PCT/US99/23176) [87] 2000-04-13 (WO00/21010) [30] US (60/103,039) 1998-10-05</p>
<p style="text-align: center;">[21] <b>2,345,108</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 217/52 7A61K 31/135 7C07D 309/14 7C07C 215/16 7A61K 31/33 7C07C 215/50 7C07C 217/54 7C07D 213/74 7C07C 215/76 7C07C 217/82</b> [25] EN [54] <b>SUBSTITUTED N-ALIPHATIC-N-AROMATIC TERTIARY-HETEROALKYLAMINES USEFUL FOR INHIBITING CHOLESTERYL ESTER TRANSFER PROTEIN ACTIVITY</b> [54] <b>HETEROALKYLAMINES TERTIAIRES N-ALIPHATIQUES-N-AROMATIQUES SUBSTITUEES, UTILES COMME INHIBITEURS DE L'ACTIVITE DE LA PROTEINE DE TRANSFERT DE L'ESTER DE CHOLESTERYLE</b> [72] SIKORSKI, JAMES A., US [72] DURLEY, RICHARD C., US [72] RUEPPEL, MELVIN L., US [72] REINHARD, EMILY J., US [72] GRAPPERHAUS, MARGARET L., US [72] MISCHKE, DEBORAH A., US [72] PARNAS, BARRY L., US [71] MONSANTO COMPANY, US [85] 2001-03-22 [86] 1999-09-23 (PCT/US99/22123) [87] 2000-04-06 (WO00/18723) [30] US (60/101,660) 1998-09-25</p>	<p style="text-align: center;">[21] <b>2,345,111</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 41/02 7C09D 5/16</b> [25] EN [54] <b>ANTIFOULING AGENTS</b> [54] <b>AGENTS ANTISALISSURES</b> [72] ZIMMERMAN, RICHARD C., US [72] ALBERTE, RANDALL S., US [71] PHYCOGEN, INC., US [85] 2001-03-22 [86] 1999-09-23 (PCT/US99/22128) [87] 2000-03-30 (WO00/16623) [30] US (09/159,814) 1998-09-23</p>	<p style="text-align: center;">[21] <b>2,345,114</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H05B 33/14 7H01L 33/00 7C09K 11/78 7C09K 11/80</b> [25] EN [54] <b>PHOSPHOR FOR LIGHT SOURCES AND ASSOCIATED LIGHT SOURCE</b> [54] <b>PHOSPORE POUR SOURCES LUMINEUSES ET SOURCE LUMINEUSE CORRESPONDANTE</b> [72] WAITL, GUNTHER, DE [72] ZWASCHKA, FRANZ, DE [72] ELLENS, ANDRIES, DE [72] DEBRAY, ALEXANDRA, DE [72] KUMMER, FRANZ, DE [71] OSRAM OPTO SEMICONDUCTORS GMBH &amp; CO. OHG, DE [71] PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH, DE [85] 2001-03-22 [86] 2000-07-08 (PCT/DE00/02241) [87] 2001-02-01 (WO01/08452) [30] DE (199 34 126.5) 1999-07-23 [30] DE (199 51 790.8) 1999-10-27 [30] DE (199 63 791.1) 1999-12-30</p>
	<p style="text-align: center;">[21] <b>2,345,112</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 227/34 7C07B 57/00 7C07C 229/26</b> [25] EN [54] <b>METHOD FOR PRODUCING (-)-.ALPHA.-(DIFLUOROMETHYL)ORNITHINE-MONOHYDROCHLORIDE MONOHYDRATE</b> [54] <b>PROCEDE DE PREPARATION DE MONOHYDRATE DE MONOHYDROCHLORURE DE (-)-.ALPHA.-(DIFLUOROMETHYL)ORNITHINE</b> [72] MEUL, THOMAS, CH [71] LONZA AG, CH [85] 2001-03-22 [86] 1999-09-22 (PCT/EP99/07060) [87] 2000-03-30 (WO00/17153) [30] EP (98117982.3) 1998-09-23</p>	



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[21] **2,345,115**  
[13] A1  
[51] **Int.Cl. 7C08K 3/00 7C01G 57/00  
7A61K 6/08 7C08K 3/22**  
[25] EN  
[54] **RADIOPAQUE CATIONICALLY  
POLYMERIZABLE COMPOSITIONS  
COMPRISING A RADIOPACIFYING  
FILLER, AND METHOD FOR  
POLYMERIZING SAME**  
[54] **COMPOSITIONS RADIO-  
OPAQUES POLYMERISABLES PAR  
VOIE CATIONIQUE, COMPRENANT  
UNE CHARGE RADIO-OPACIFIANTE,  
ET PROCEDE DE POLYMERISATION  
DE CES COMPOSITIONS**  
[72] JACOBS, DWIGHT W., US  
[72] KOLB, BRANT U., US  
[72] HAYNE, CHERYL A., US  
[72] CRAIG, BRADLEY D., US  
[72] MITRA, SUMITA B., US  
[72] GUST, JANIS R., US  
[72] BAKER, JAMES A., US  
[72] WESTBERG, JAMES W., US  
[72] OXMAN, JOEL D., US  
[72] RUSIN, RICHARD P., US  
[72] KAISAKI, DAVID A., US  
[72] BRETSCHER, KATHRYN R., US  
[72] TROM, MATTHEW C., US  
[71] MINNESOTA MINING AND  
MANUFACTURING COMPANY, US  
[85] 2001-03-22  
[86] 1999-03-16 (PCT/US99/05717)  
[87] 2000-04-13 (WO00/20494)  
[30] US (09/168,051) 1998-10-07

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[21] **2,345,116**  
[13] A1  
[51] **Int.Cl. 7E06B 7/12**  
[25] EN  
[54] **FRAME FOR USE WITH  
REFRIGERATED ENCLOSURE AND  
METHOD OF MAKING THE SAME**  
[54] **CADRE POUVANT ETRE UTILISE  
AVEC UNE ENVELOPPE REFRIGEREE  
ET PROCEDE DE FABRICATION  
DUDIT CADRE**  
[72] RICHARDSON, RICHARD J., US  
[71] ANTHONY, INC., US  
[85] 2001-03-22  
[86] 1999-10-01 (PCT/US99/23210)  
[87] 2000-04-13 (WO00/20719)  
[30] US (09/165,585) 1998-10-02

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[21] **2,345,117**  
[13] A1  
[51] **Int.Cl. 6G06F 13/00**  
[25] EN  
[54] **INTERFACE SYSTEM FOR  
INTEGRATED MONITORING AND  
MANAGEMENT OF NETWORK  
DEVICES IN A  
TELECOMMUNICATIONS NETWORK**  
[54] **SYSTEME D'INTERFACE CONCU  
POUR LE CONTROLE INTEGRE ET LA  
GESTION DE DISPOSITIFS DE RESEAU  
DANS UN RESEAU DE  
TELECOMMUNICATIONS**  
[72] TURNER, MARK B., US  
[72] COWAN, DANIEL EDWARD, US  
[72] STAUTZ, DARREN JAY, US  
[71] MCI WORLDCOM, INC., US  
[85] 2001-03-22  
[86] 1999-09-22 (PCT/US99/22042)  
[87] 2000-03-30 (WO00/17763)  
[30] US (09/158,742) 1998-09-22

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[21] **2,345,118**  
[13] A1  
[51] **Int.Cl. 7C07C 215/16 7C07D 263/06  
7A61K 31/135 7C07D 251/16 7A61K 31/33  
7C07C 215/50 7C07C 215/76 7C07C 217/  
84 7C07C 217/90**  
[25] EN  
[54] **SUBSTITUTED POLYCYCLIC  
ARYL AND HETEROARYL TERTIARY-  
HETEROALKYLAMINES USEFUL FOR  
INHIBITING CHOLESTERYL ESTER  
TRANSFER PROTEIN ACTIVITY**  
[54] **ARYL- ET HETEROARYL-  
HETEROALKYLAMINES TERTIAIRES  
POLYCYCLIQUES SUBSTITUEES,  
UTILES COMME INHIBITEURS DE  
L'ACTIVITE DE LA PROTEINE DE  
TRANSFERT DE L'ESTER DE  
CHOLESTERYLE**  
[72] TOLLEFSON, MICHAEL B., US  
[72] NORTON, MONICA B., US  
[72] PROMO, MICHELE A., US  
[72] SIKORSKI, JAMES A., US  
[72] DURLEY, RICHARD C., US  
[72] GRAPPERHAUS, MARGARET L., US  
[72] HAMME, ASHTON T., US  
[72] RUEPPEL, MELVIN L., US  
[72] WANG, LIJUAN, US  
[72] REINHARD, EMILY J., US  
[72] SPANGLER, DALE P., US  
[72] MISCHKE, DEBORAH A., US  
[72] MASSA, MARK A., US  
[72] VERNIER, WILLIAM F., US  
[72] FOBIAN, YVETTE M., US  
[72] PARNAS, BARRY L., US  
[72] HICKORY, BRIAN S., US  
[71] MONSANTO COMPANY, US  
[85] 2001-03-22  
[86] 1999-09-23 (PCT/US99/22119)  
[87] 2000-04-06 (WO00/18721)  
[30] US (60/101,663) 1998-09-25

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[21] **2,345,119**  
[13] A1  
[51] **Int.Cl. 7C11D 3/00 7C11D 17/04 7C11D 17/06 7C11D 3/12 7C11D 3/36 7C11D 1/66**  
[25] EN  
[54] **FABRIC SOFTENING COMPOSITIONS CONTAINING PENTAERYTHRITOL ESTERS, BENTONITE AND POLYPHOSPHONATE**  
[54] **COMPOSITIONS D'ASSOUPLEISSANT POUR TISSU CONTENANT DES ESTERS DE PENTAERYTHROL, DE LA BENTONITE ET DU POLYPHOSPHONATE**  
[72] CRUTZEN, ANDRE, BE  
[72] WOUTERS, FRANCE, BE  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2001-03-22  
[86] 1999-09-23 (PCT/US99/22137)  
[87] 2000-03-30 (WO00/17298)  
[30] US (09/159,031) 1998-09-23  
[30] US (09/360,053) 1999-07-23

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[21] **2,345,120**  
[13] A1  
[51] **Int.Cl. 7C08G 18/48 7C08G 18/12**  
[25] EN  
[54] **PROCESS FOR MAKING MICROCELLULAR POLYURETHANE ELASTOMERS**  
[54] **PROCEDE DE PRODUCTION D'ELASTOMERES MICROCELLULAIRES DE POLYURETHANNE**  
[72] HO, DAVID J., US  
[71] BAYER ANTWERPEN N.V., BE  
[85] 2001-03-22  
[86] 1999-07-27 (PCT/EP99/05375)  
[87] 2000-04-06 (WO00/18817)  
[30] US (09/160,968) 1998-09-25

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[21] **2,345,121**  
[13] A1  
[51] **Int.Cl. 7A61K 9/16 7A61K 38/16 7A61K 31/19 7A61K 31/34 7A61K 31/44 7A61K 31/445**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF ACUTE DISORDERS**  
[54] **COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT DES MALADIES AIGUES**  
[72] PETTERSSON, ANDERS, SE  
[72] NYSTROM, CHRISTER, SE  
[71] DIABACT AB, SE  
[85] 2001-03-22  
[86] 1999-09-24 (PCT/SE99/01687)  
[87] 2000-03-30 (WO00/16750)  
[30] SE (9803240-2) 1998-09-24

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[21] **2,345,122**  
[13] A1  
[51] **Int.Cl. 7H01L 21/20 7H01L 27/12 7H01L 29/786**  
[25] EN  
[54] **SEMICONDUCTOR SUBSTRATE AND ITS PRODUCTION METHOD, SEMICONDUCTOR DEVICE COMPRISING THE SAME AND ITS PRODUCTION METHOD**  
[54] **SUBSTRAT A SEMI-CONDUCTEUR ET SON PROCEDE DE FABRICATION, DISPOSITIF A SEMI-CONDUCTEUR COMPRENANT UN TEL SUBSTRAT ET SON PROCEDE DE FABRICATION**  
[72] MORISHITA, TAKASHI, JP  
[72] MATSUI, MASAHIRO, JP  
[71] ASahi KASEI KABUSHIKI KAISHA, JP  
[85] 2001-03-22  
[86] 1999-09-24 (PCT/JP99/05231)  
[87] 2000-04-06 (WO00/19500)  
[30] JP (10/272126) 1998-09-25

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[21] **2,345,123**  
[13] A1  
[51] **Int.Cl. 6G11B 7/12**  
[25] EN  
[54] **MULTIBYTE RANDOM ACCESS MASS STORAGE/MEMORY SYSTEM**  
[54] **SYSTEME COMBINE MEMOIRE VIVE/MEMOIRE DE MASSE A OCTETS MULTIPLES**  
[72] ROPE, RONALD E., US  
[72] PULLAM, MARTIN L., US  
[71] T SQUARED G INCORPORATED, US  
[85] 2001-03-22  
[86] 1998-09-28 (PCT/US98/20248)  
[87] 2000-04-06 (WO00/19421)

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[21] **2,345,124**  
[13] A1  
[51] **Int.Cl. 6G02B 27/10**  
[25] EN  
[54] **SCANNING HEAD LENS ASSEMBLY**  
[54] **ENSEMBLE TETE DE BALAYAGE DOTE DE LENTILLES**  
[72] ROPE, RONALD E., US  
[72] PULLAM, MARTIN L., US  
[71] T SQUARED G INCORPORATED, US  
[85] 2001-03-22  
[86] 1998-09-28 (PCT/US98/20249)  
[87] 2000-04-06 (WO00/19264)

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[21] **2,345,125**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **SYSTEM AND METHOD OF AUTOMATICALLY CONVEYING A WIRELESS OFFICE SYSTEM (WOS) FREQUENCY SET TO MOBILE STATIONS**  
[54] **SYSTEME ET PROCEDE SERVANT A TRANSFERER AUTOMATIQUEMENT UN ENSEMBLE DE FREQUENCES DE SYSTEME DE BUREAU SANS FIL VERS DES STATIONS MOBILES**  
[72] BRUNNER, RICHARD JOSEPH, CA  
[72] RAHMAN, AKBAR, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-03-22  
[86] 1999-09-17 (PCT/SE99/01627)  
[87] 2000-03-30 (WO00/18168)  
[30] US (09/159,930) 1998-09-24

## PCT Applications Entering the National Phase

<p>[21] <b>2,345,126</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 27/72</b> [25] EN [54] <b>TESTING DEVICE FOR DETECTING AND DETERMINING MATERIAL INHOMOGENEITIES</b> [54] <b>DISPOSITIF D'ESSAI POUR DETECTER ET LOCALISER DES HETEROGENEITES DE MATERIAU</b> [72] TAVRIN, YURY, DE [71] HINKEN, JOHANN H., DE [71] F.I.T. MESSTECHNIK GMBH, DE [85] 2001-03-22 [86] 1999-10-05 (PCT/EP99/07440) [87] 2000-04-13 (WO00/20856) [30] DE (198 46 025.2) 1998-10-06</p>	<p>[21] <b>2,345,128</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 5/74</b> [25] EN [54] <b>METHOD AND APPARATUS FOR PROVIDING A SEAMLESS TILED DISPLAY</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT D'ASSURER LA VISUALISATION SANS COUTURES D'UNE IMAGE COMPOSITE A PLUSIEURS PAVES</b> [72] JOHNSON, MICHAEL J., US [72] DUBIN, MATTHEW B., US [71] HONEYWELL INC., US [85] 2001-03-22 [86] 1999-09-21 (PCT/US99/21927) [87] 2000-03-30 (WO00/17708) [30] US (09/159,340) 1998-09-23</p>	<p>[21] <b>2,345,131</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 11/04</b> [25] EN [54] <b>METHOD FOR DETERMINING A NETWORK ACCESS ADDRESS</b> [54] <b>PROCEDE DE DETERMINATION D'UNE ADRESSE D'ACCES A UN RESEAU</b> [72] FRAAS, WOLFGANG, DE [72] HUNLICH, KLAUS, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2001-03-22 [86] 1999-09-01 (PCT/DE99/02736) [87] 2000-03-30 (WO00/18178) [30] DE (198 43 626.2) 1998-09-23</p>
<p>[21] <b>2,345,127</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/50 7A61K 7/00 7A61K 7/28 7A61K 7/48</b> [25] EN [54] <b>PERSONAL CARE COMPOSITIONS CONTAINING SUBTILISIN ENZYMES BOUND TO WATER INSOLUBLE SUBSTRATES</b> [54] <b>COMPOSITIONS POUR SOINS D'HYGIENE PERSONNELLE CONTENANT LES ENZYMES SUBTILISINE LIEES A DES SUBSTRATS INSOLUBLES DANS L'EAU</b> [72] WEISGERBER, DAVID JOHN, US [72] ALLCOCK, ANDREW CAMPBELL, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2001-03-22 [86] 1999-09-14 (PCT/US99/21062) [87] 2000-03-30 (WO00/16740) [30] US (60/101,405) 1998-09-22</p>	<p>[21] <b>2,345,129</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21B 17/01 7F17D 5/02 7F16L 11/12</b> [25] EN [54] <b>A REINFORCED FLEXIBLE TUBULAR PIPE WITH CONVEYING BACK OF LEAK FLUID</b> [54] <b>TUYAU TUBULAIRE SOUPLE RENFORCE A RENVOI DU LIQUIDE DE FUITE</b> [72] GLEJBOL, KRISTIAN, DK [71] NKT FLEXIBLES A/S, DK [85] 2001-03-22 [86] 1999-09-24 (PCT/DK99/00503) [87] 2000-03-30 (WO00/17479) [30] DK (PA 1998 01204) 1998-09-24</p>	<p>[21] <b>2,345,132</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 47/34 7A01N 43/40</b> [25] EN [54] <b>ORAL COMBINATION OF LUFENURON AND NITENPYRAM AGAINST FLEAS</b> [54] <b>COMBINAISON DE LUFENURON ET DE NITENPYRAM CONTRE LES PUCES DESTINEE A ETRE ADMINISTREE PAR VOIE ORALE</b> [72] STEFFAN, JEAN, FR [72] TINEMBART, OLIVIER, CH [72] FRANC, MICHEL, FR [71] NOVARTIS AG, CH [85] 2001-03-22 [86] 1999-10-07 (PCT/EP99/07538) [87] 2000-04-20 (WO00/21371) [30] CH (2041/98) 1998-10-09</p>
	<p>[21] <b>2,345,130</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B29C 45/56 7B29C 45/14</b> [25] EN [54] <b>METHOD OF PRODUCING COATED MOLDED PLASTIC ARTICLES</b> [54] <b>PROCEDE POUR FABRIQUER DES ARTICLES DE PLASTIQUES MOULES ENDUITES</b> [72] KLOTZ, BERND, DE [71] KRAUSS-MAFFEI KUNSTSTOFFTECHNIK GMBH, DE [85] 2001-03-22 [86] 1999-09-21 (PCT/EP99/06974) [87] 2000-03-30 (WO00/16958) [30] DE (198 43 921.0) 1998-09-24</p>	

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[21] **2,345,133**  
[13] A1

[51] **Int.Cl. 7C07D 211/24 7C07D 401/04 7C07D 413/10 7C07D 417/12 7C07D 211/20 7C07D 211/22 7C07D 211/26 7C07D 211/34 7A61K 31/445 7C07C 255/57 7C07F 9/59 7C07C 235/66**

[25] EN  
[54] **NAPHTHALENECARBOXAMIDES AS TACHYKININ RECEPTOR ANTAGONISTS**

[54] **NAPHTALENE-CARBOXAMIDES UTILISES EN TANT**

**QU'ANTAGONISTES DES RECEPTEURS DES TACHYKININES**

[72] RUSSELL, KEITH, US  
[72] DEDINAS, ROBERT FRANK, US  
[72] BERNSTEIN, PETER ROBERT, US  
[72] OHNMACHT, CYRUS JOHN, US  
[72] SHEWOOD, SCOTT ALAN, US  
[71] ASTRAZENECA AB, SE

[85] 2001-03-22  
[86] 1999-10-04 (PCT/GB99/03274)  
[87] 2000-04-13 (WO00/20389)  
[30] GB (9821699.7) 1998-10-07  
[30] GB (9906278.8) 1999-03-17  
[30] GB (9909839.4) 1999-04-30

[21] **2,345,134**  
[13] A1

[51] **Int.Cl. 7C07C 67/343 7C07C 69/716**

[25] EN  
[54] **METHOD FOR PRODUCING 6,6-DIALKOXY-5-HYDROXY-3-OXO-HEXANOIC ACID ESTERS**

[54] **PROCEDE DE PRODUCTION D'ESTERS D'ACIDE 6,6-DIALCOXY-5-HYDROXY-3-OXOCAPROIQUE**

[72] SCHROER, JOSEF, CH  
[71] LONZA AG, CH  
[85] 2001-03-22  
[86] 1999-09-23 (PCT/EP99/07100)  
[87] 2000-04-06 (WO00/18718)  
[30] EP (98118191.0) 1998-09-25  
[30] US (60/147,041) 1999-08-03

[21] **2,345,135**  
[13] A1

[51] **Int.Cl. 7B60R 3/00**

[25] EN  
[54] **RUNNING BOARD MOUNTING BRACKET**

[54] **SUPPORT DE MARCHEPIED**  
[72] OJANEN, LASSI MAUNO, CA  
[71] DECOMA INTERNATIONAL INC., CA

[85] 2001-03-22  
[86] 1999-09-15 (PCT/CA99/00861)  
[87] 2000-03-30 (WO00/17012)  
[30] US (60/101,297) 1998-09-22

[21] **2,345,136**  
[13] A1

[51] **Int.Cl. 7H02K 11/00**

[25] EN  
[54] **MINIMIZING SHAFT CURRENTS IN DYNAMOELECTRIC MACHINES**

[54] **DIMINUTION DES COURANTS CIRCULANT DANS L'ARBRE DE MACHINES DYNAMOELECTRIQUES**

[72] DYMOND, JAMES HENRY, CA  
[72] ONG, RAYMOND K.J., CA  
[72] FINDLAY, RAYMOND DAVID, CA  
[71] GENERAL ELECTRIC CANADA INC., CA

[85] 2001-03-22  
[86] 1999-11-26 (PCT/CA99/01122)  
[87] 2000-06-08 (WO00/33447)  
[30] US (09/200,787) 1998-11-30

[21] **2,345,137**  
[13] A1

[51] **Int.Cl. 7A61K 31/44 7A61P 29/00 7A61P 25/24**

[25] EN  
[54] **MGLUR5 ANTAGONISTS FOR THE TREATMENT OF PAIN AND ANXIETY**

[54] **ANTAGONISTES DU MGLUR POUR LE TRAITEMENT DE LA DOULEUR ET DE L'ANGOISSE**

[72] WALKER, KATHARINE, GB  
[72] JOHNSON, EDWIN CARL, US  
[72] GENTSCH, CONRAD, CH  
[72] URBAN, LASZLO, GB  
[72] FLOR, PETER JOSEF, DE  
[72] COSFORD, NICHOLAS DAVID, US  
[72] VARNEY, MARK, ANDREW, US  
[72] KUHN, RAINER, DE  
[72] GASPARINI, FABRIZIO, CH  
[72] HESS, STEPHEN D., US  
[72] TRICKLEBANK, MARK, FR  
[72] ALLGEIER, HANS, DE  
[72] VELICELEBI, GONUL, US  
[71] NOVARTIS AG, CH  
[71] SIBIA NEUROSCIENCES INC., US  
[85] 2001-03-22  
[86] 1999-09-30 (PCT/EP99/07239)  
[87] 2000-04-13 (WO00/20001)  
[30] GB (9821503.1) 1998-10-02  
[30] US (09/220,813) 1998-12-23

[21] **2,345,138**  
[13] A1

[51] **Int.Cl. 7A61K 47/48 7A61K 38/19**

[25] EN  
[54] **POLYMER CONJUGATES OF INTERFERON BETA- 1A AND THEIR USES**

[54] **CONJUGUES POLYMERE-INTERFERON BETA 1A ET LEURS UTILISATIONS**

[72] BRICKELMAIER, MARGOT, US  
[72] WHITTY, ADRIAN, US  
[72] PEPINSKY, BLAKE, US  
[72] RUNKEL, LAURA, US  
[72] HOCHMAN, PAULA, US  
[71] BIOGEN, INC., US  
[85] 2001-03-22  
[86] 1999-10-15 (PCT/US99/24201)  
[87] 2000-04-27 (WO00/23114)  
[30] US (60/104,572) 1998-10-16  
[30] US (60/120,161) 1999-02-16

[21] **2,345,139**  
[13] A1

[51] **Int.Cl. 7G11B 7/14 7G11B 7/09 7G11B 7/13**

[25] EN  
[54] **METHOD AND APPARATUS FOR GENERATING FOCUS ERROR SIGNALS IN A MULTI-BEAM OPTICAL DISK DRIVE**

[54] **PROCEDE ET DISPOSITIF DE PRODUCTION DE SIGNAUX D'ERREUR DE FOCALISATION DANS UN LECTEUR DE DISQUE OPTIQUE A PLUSIEURS FAISCEAUX**

[72] NAOR, MICHAEL, IL  
[72] ALON, AMIR, US  
[72] KOSOBURD, TATANIA, IL  
[72] SHAPIRA, SHLOMO, IL  
[71] ZEN RESEARCH (IRELAND) LTD., GB  
[85] 2001-03-22  
[86] 1999-10-08 (PCT/EP99/07561)  
[87] 2000-04-20 (WO00/22617)  
[30] US (09/169,212) 1998-10-09

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[21] **2,345,140**  
[13] A1  
[51] **Int.Cl. 7C07C 29/76 7C07C 29/80**  
[25] EN  
[54] **METHOD FOR PRODUCING HIGHLY PURE MONOETHYLENE GLYCOL**  
[54] **PROCEDE DE PRODUCTION DE MONOETHYLENE GLYCOL A HAUTE PURETE**  
[72] VANSANT, FRANS, BE  
[72] ADRIAN, TILL, DE  
[72] BESSLING, BERND, DE  
[72] HASSE, HANS, DE  
[72] THEIS, GERHARD, DE  
[71] BASF AKTIENGESSELLSCHAFT, DE  
[85] 2001-03-22  
[86] 1999-09-21 (PCT/EP99/06967)  
[87] 2000-03-30 (WO00/17140)  
[30] DE (198 43 652.1) 1998-09-23

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[21] **2,345,141**  
[13] A1  
[51] **Int.Cl. 7B65D 47/26**  
[25] FR  
[54] **CAPSULE POUR LE BOUCHAGE D'UN RECIPIENT DE PRODUIT LIQUIDE**  
[54] **CAP FOR SEALING A LIQUID PRODUCT CONTAINER**  
[72] BOUGAMONT, JEAN-LOUIS, FR  
[72] CANU, EMMANUEL, FR  
[72] ROY, CHRISTOPHE, FR  
[71] REXAM SOFAB, FR  
[85] 2001-03-22  
[86] 1999-09-20 (PCT/FR99/02224)  
[87] 2000-03-30 (WO00/17062)  
[30] FR (98/11844) 1998-09-23

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[21] **2,345,142**  
[13] A1  
[51] **Int.Cl. 7C03B 9/193**  
[25] EN  
[54] **METHOD AND DEVICE FOR PRESSING A GOB**  
[54] **PROCEDE ET DISPOSITIF POUR PRESSER UNE EBAUCHE**  
[72] SCHWARZER, SIEGFRIED, DE  
[71] HERMANN HEYE, DE  
[85] 2001-03-22  
[86] 2000-07-25 (PCT/EP00/07088)  
[87] 2001-02-08 (WO01/09049)  
[30] DE (199 35 866.4) 1999-07-30

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[21] **2,345,143**  
[13] A1  
[51] **Int.Cl. 7C01B 31/02 7C01B 3/00**  
[25] EN  
[54] **CARBON MEDIA FOR STORAGE OF HYDROGEN**  
[54] **MILIEUX CARBONES POUR LE STOCKAGE D'HYDROGENE**  
[72] HOX, KETIL, NO  
[72] LYNUM, STEINAR, NO  
[72] HUGDAHL, JAN, NO  
[72] HILDRUM, RAGNE, NO  
[71] KVAERNER TECHNOLOGY & RESEARCH LIMITED, GB  
[85] 2001-03-22  
[86] 1999-09-17 (PCT/NO99/00287)  
[87] 2000-04-06 (WO00/18682)  
[30] NO (19984497) 1998-09-25

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[21] **2,345,144**  
[13] A1  
[51] **Int.Cl. 7A22C 29/04**  
[25] EN  
[54] **SHELL PROCESSING METHOD AND SHELL PROCESSING DEVICE USED IN THE METHOD**  
[54] **PROCEDE DE TRAITEMENT DES COQUILLAGES ET DISPOSITIF DE TRAITEMENT DES COQUILLAGES UTILISES DANS CE PROCEDE**  
[72] SUGIYAMA, HIROAKI, JP  
[71] MUTSU KADEN TOKKI CO., LTD., JP  
[85] 2001-03-22  
[86] 2000-07-21 (PCT/JP00/04900)  
[87] 2001-02-01 (WO01/06861)  
[30] JP (11/209996) 1999-07-23  
[30] JP (11/286101) 1999-10-06

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[21] **2,345,145**  
[13] A1  
[51] **Int.Cl. 7B60K 15/077**  
[25] EN  
[54] **FUEL TANK FOR A MOTOR VEHICLE**  
[54] **RESERVOIR A CARBURANT POUR UN VEHICULE**  
[72] WALTER, RUDIGER, DE  
[71] KAUTEX TEXTRON GMBH & CO. KG., DE  
[85] 2001-03-22  
[86] 2000-03-14 (PCT/DE00/00790)  
[87] 2000-09-28 (WO00/56564)  
[30] DE (199 12 642.9) 1999-03-20

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[21] **2,345,146**  
[13] A1  
[51] **Int.Cl. 6C07D 213/74 6C07D 401/04 6C07D 243/06 6C07D 243/08 6C07D 401/12 6C07D 405/12 6C07D 409/12 6C07D 413/12 6C07D 417/12 6C07D 295/18 6C07D 295/22 6C07D 215/38 6A61K 31/415 6A61K 31/47 6A61K 31/495 6A61K 31/54 6A61K 31/55 6C07D 213/84 6C07D 233/88**  
[25] EN  
[54] **CYANOPHENYL DERIVATIVES**  
[54] **DERIVES DE CYANOPHENYLE**  
[72] SAMIZU, KIYOHIRO, JP  
[72] NOZAWA, EISUKE, JP  
[72] OKADA, MINORU, JP  
[72] MIYAZAKI, YOJI, JP  
[72] MORITOMO, HIROYUKI, JP  
[72] IMAMURA, MASAKAZU, JP  
[72] KAWAMINAMI, EIJI, JP  
[72] HIRANO, MASAOKI, JP  
[72] TOYOSHIMA, AKIRA, JP  
[72] MATSUHISA, AKIRA, JP  
[72] KAMIKUBO, TAKASHI, JP  
[72] KOUTOKU, HIROSHI, JP  
[72] TANIGUCHI, NOBUAKI, JP  
[72] KINOYAMA, ISAO, JP  
[72] OHTA, MITSUAKI, JP  
[71] YAMANOUCHI PHARMACEUTICAL CO., LTD., JP  
[85] 2001-03-22  
[86] 1999-09-21 (PCT/JP99/05149)  
[87] 2000-03-30 (WO00/17163)  
[30] JP (10/267508) 1998-09-22  
[30] JP (11/155398) 1999-06-02

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[21] **2,345,147**  
[13] A1  
[51] **Int.Cl. 7G06F 9/46**  
[25] EN  
[54] **METHOD OF CREATING AN INSEPARABLE LINK BETWEEN AN ELECTRONIC DOCUMENT AND OLE OBJECTS**  
[54] **PROCEDE DE CREATION D'UNE LIAISON INSEPARABLE ENTRE UN DOCUMENT ELECTRONIQUE ET DES OBJETS OLE**  
[72] SILVESTER, Joseph, CA  
[72] PETROGIANNIS, TOMMY, CA  
[71] SILANIS TECHNOLOGY INC., CA  
[85] 2001-03-22  
[86] 1999-09-24 (PCT/CA99/00889)  
[87] 2000-04-06 (WO00/19315)  
[30] CA (2,246,095) 1998-09-25

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[21] **2,345,148**  
[13] A1

[51] **Int.Cl. 7G06F 1/00**  
[25] EN  
[54] **METHOD FOR THE SEPARATE AUTHENTICATION OF A TEMPLATE AND USER DATA**  
[54] **PROCEDE D'AUTHENTIFICATION SEPARÉE D'UN MODELE ET DE DONNEES D'UTILISATEUR**  
[72] MILCZAREK, ED, CA  
[72] PETROGIANNIS, TOMMY, CA  
[72] SILVESTER, Joseph, CA  
[71] SILANIS TECHNOLOGY INC., CA  
[85] 2001-03-22  
[86] 1999-09-24 (PCT/CA99/00891)  
[87] 2000-04-06 (WO00/19296)  
[30] CA (2,246,006) 1998-09-25

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[21] **2,345,149**  
[13] A1

[51] **Int.Cl. 7G06F 13/00**  
[25] EN  
[54] **ENHANCED VIDEO PROGRAMMING SYSTEM AND METHOD FOR PROVIDING A DISTRIBUTED COMMUNITY NETWORK**  
[54] **SYSTEME AMELIORE DE PROGRAMMATION VIDEO ET PROCEDE PERMETTANT DE FOURNIR UN RESEAU COLLECTIF REPARTI**  
[72] DUDA, CARL R., US  
[72] ABATO, MICHAEL R., US  
[72] HARRINGTON, JEFFREY M., US  
[72] ULLMAN, CRAIG D., US  
[71] ACTV, INC., US  
[85] 2001-03-22  
[86] 2000-09-14 (PCT/US00/25180)  
[87] 2001-03-22 (WO01/20468)  
[30] US (09/396,693) 1999-09-15

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[21] **2,345,150**  
[13] A1

[51] **Int.Cl. 6H01L 51/00**  
[25] EN  
[54] **MAGNETIC SWITCHING OF CHARGE SEPARATION LIFETIMES IN ARTIFICIAL PHOTOSYNTHETIC REACTION CENTERS**  
[54] **COMMUTATION MAGNETIQUE DES DUREES DE VIE DE SEPARATION DE CHARGES DANS DES CENTRES DE REACTION PHOTOSYNTHETIQUE ARTIFICIELLE**  
[72] GUST, JOHN D., JR., US  
[72] MOORE, THOMAS A., US  
[72] MOORE, ANA L., US  
[71] ARIZONA BOARD OF REGENTS, ACTING ON BEHALF OF ARIZONA STATE UNIVERSITY, US  
[85] 2001-03-22  
[86] 1999-10-01 (PCT/US99/23012)  
[87] 2000-04-06 (WO00/19550)  
[30] US (60/102,597) 1998-10-01

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[21] **2,345,151**  
[13] A1

[51] **Int.Cl. 7G01N 15/14 7B01J 19/00 7B01L 3/00 7C12M 1/34 7G01N 33/53**  
[25] EN  
[54] **MINIATURIZED CELL ARRAY METHODS AND APPARATUS FOR CELL-BASED SCREENING**  
[54] **METHODES ET APPAREIL DE CRIBLAGE SUR LA BASE DE CELLULES AVEC UN RESEAU MINIATURISE DE CELLULES**  
[72] GOUGH, ALBERT H., US  
[72] TAYLOR, D. LANSING, US  
[72] JUNG, DAVID R., US  
[71] CELLOMICS, INC., US  
[85] 2001-03-22  
[86] 1999-09-22 (PCT/US99/21729)  
[87] 2000-03-30 (WO00/17624)  
[30] US (60/101,399) 1998-09-22

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[21] **2,345,152**  
[13] A1

[51] **Int.Cl. 6B29C 44/12 6B29C 33/16**  
[25] EN  
[54] **PROCESS FOR PRODUCING FOAMED ARTICLES, ESPECIALLY FOAMED ARTICLES FOR UPHOLSTERING CAR SEATS**  
[54] **PROCEDE POUR PRODUIRE UN ELEMENT EXPANSE, NOTAMMENT UN ELEMENT DE REMBOURRAGE EXPANSE POUR UN SIEGE DE VEHICULE**  
[72] POULAKIS, KONSTANTINOS, DE  
[71] GOTTLIEB BINDER GMBH & CO., DE  
[85] 2001-03-22  
[86] 1998-09-28 (PCT/EP98/06141)  
[87] 2000-04-06 (WO00/18556)

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[21] **2,345,153**  
[13] A1

[51] **Int.Cl. 7H01L 31/105 7H01L 31/0304**  
[25] EN  
[54] **HIGHLY-DOPED P-TYPE CONTACT FOR HIGH-SPEED, FRONT-SIDE ILLUMINATED PHOTODIODE**  
[54] **CONTACT DE TYPE P HAUTEMENT DOPE POUR PHOTODIODE HAUTE VITESSE A ECLAIRAGE PAR LE HAUT**  
[72] HEMYARI, KADHAIR AL, US  
[72] SACKS, ROBERT N., US  
[72] WILLIAMSON, STEVEN L., US  
[72] VALDMANIS, JANIS A., US  
[71] PICOMETRIX, INC., US  
[85] 2001-03-22  
[86] 1999-09-24 (PCT/US99/22339)  
[87] 2000-04-06 (WO00/19544)  
[30] US (09/161,097) 1998-09-25

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[21] **2,345,154**  
[13] A1

[51] **Int.Cl. 6A01K 15/02**  
[25] EN  
[54] **RECREATIONAL AND AMUSEMENT DEVICE FOR ANIMALS**  
[54] **DISPOSITIF LUDIQUE ET ATTRACTIF POUR ANIMAUX**  
[72] BUDMAN, SANDRA E., US  
[71] HORSEBALLS, LTD., US  
[85] 2001-03-22  
[86] 1999-09-22 (PCT/US99/20879)  
[87] 2000-03-30 (WO00/16612)  
[30] US (09/157,932) 1998-09-22

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[21] **2,345,155**  
[13] A1

[51] **Int.Cl. 6A61K 38/28 6A61K 31/19 6A61K 31/35**  
[25] EN  
[54] **USE OF NON-PEPTIDYL COMPOUNDS FOR THE TREATMENT OF INSULIN RELATED AILMENTS**  
[54] **UTILISATION DE COMPOSES NON-PEPTIDYLIQUES POUR LE TRAITEMENT D'AFFECTIONS LIEES A L'INSULINE**  
[72] HELMERHORST, ERIK, AU  
[72] PLEWRIGHT, BRIAN SCOTT, AU  
[71] CURTIN UNIVERSITY OF TECHNOLOGY, AU  
[85] 2001-03-22  
[86] 1999-09-17 (PCT/AU99/00786)  
[87] 2000-03-30 (WO00/16798)  
[30] AU (PP 6091) 1998-09-22

[21] **2,345,156**  
[13] A1

[51] **Int.Cl. 6A61K 35/14 6C12N 7/06**  
[25] EN  
[54] **SOLID PHASE QUENCHING SYSTEMS**  
[54] **SYSTEMES D'ATTENUATION EN PHASE SOLIDE**  
[72] PURMAL, ANDREI A., US  
[72] ACKERMAN, SAMUEL K., US  
[71] V.I. TECHNOLOGIES, INC., US  
[85] 2001-03-22  
[86] 1999-09-22 (PCT/US99/21769)  
[87] 2000-04-06 (WO00/18412)  
[30] US (09/161,078) 1998-09-25  
[30] US (09/260,375) 1999-03-01

[21] **2,345,157**  
[13] A1

[51] **Int.Cl. 7C07H 21/00 7C12Q 1/68**  
[25] EN  
[54] **METHOD FOR THE ELECTROCHEMICAL DETECTION OF NUCLEIC ACID OLIGOMER HYBRIDS**  
[54] **PROCEDE DE DETECTION ELECTROCHIMIQUE D'HYBRIDES D'ACIDES NUCLEIQUES-OLIGOMERES**  
[72] HELLER, ADAM, US  
[72] HARTWICH, GERHARD, DE  
[71] FRIZ BIOCHEM GMBH, DE  
[85] 2001-03-22  
[86] 1999-11-19 (PCT/EP99/08888)  
[87] 2000-06-02 (WO00/31101)  
[30] DE (198 53 957.6) 1998-11-23  
[30] DE (199 21 940.0) 1999-04-29

[21] **2,345,158**  
[13] A1

[51] **Int.Cl. 7A61B 17/32**  
[25] EN  
[54] **IMPROVED ULTRASONIC SURGICAL APPARATUS**  
[54] **APPAREIL CHIRURGICAL ULTRASONORE AMELIORE**  
[72] STODDARD, ROBERT, US  
[72] RESCHKE, ARLAN JAMES, US  
[71] SHERWOOD SERVICES AG, CH  
[85] 2001-03-22  
[86] 1999-08-24 (PCT/IB99/02103)  
[87] 2000-04-27 (WO00/22995)  
[30] US (60/101,702) 1998-09-25  
[30] US (09/298,421) 1999-04-23

[21] **2,345,159**  
[13] A1

[51] **Int.Cl. 7A61B 17/32 7A61M 1/00 7A61F 9/007**  
[25] EN  
[54] **SURGICAL SYSTEM CONSOLE**  
[54] **CONSOLE SYSTEME CHIRURGICALE**  
[72] CIMINO, WILLIAM, US  
[72] MORAHAN, KRISTEN, US  
[72] BLYTHE, ROBERT, US  
[71] SHERWOOD SERVICES AG, CH  
[85] 2001-03-22  
[86] 1999-09-21 (PCT/IB99/01767)  
[87] 2000-04-06 (WO00/18304)  
[30] US (60/101,801) 1998-09-25

[21] **2,345,201**  
[13] A1

[51] **Int.Cl. 7C07K 14/51 7A61P 19/00 7A61P 21/00 7A61P 9/10 7A61K 38/18**  
[25] EN  
[54] **BONE MORPHOGENETIC PROTEIN ANTAGONIST BASED ON THE MATURE PROTEIN**  
[54] **ANTAGONISTE DE PROTEINE MORPHOGENETIQUE OSSEUSE BASE SUR LA PROTEINE MURE**  
[72] KIMURA, MICHIO, JP  
[72] KATSUURA, MIEKO, JP  
[71] BIOPHARM GESELLSCHAFT ZUR BIOTECHNOLOGISCHEN ENTWICKLUNG VON PHARMAKA MB, DE  
[85] 2001-04-06  
[86] 1999-10-04 (PCT/IB99/01621)  
[87] 2000-04-20 (WO00/21998)  
[30] JP (10/288103) 1998-10-09

[21] **2,345,226**  
[13] A1

[51] **Int.Cl. 7H04N 9/12**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CALIBRATING A TILED DISPLAY**  
[54] **ETALONNAGE D'AFFICHEUR EN MOSAIQUE ET APPAREIL A CET EFFET**  
[72] CHANDRASEKHAR, RAJESH, US  
[72] JOHNSON, MICHAEL J., US  
[72] CHEN, CHUNG-JEN, US  
[71] HONEYWELL INC., US  
[85] 2001-03-22  
[86] 1999-09-23 (PCT/US99/22089)  
[87] 2000-03-30 (WO00/18139)  
[30] US (09/158,995) 1998-09-23

[21] **2,345,227**  
[13] A1

[51] **Int.Cl. 7B41C 1/045**  
[25] EN  
[54] **GRAVURE PROCESS FOR FULL PRINTING OF LARGE SURFACES**  
[54] **PROCEDE D'HELIOGRAVURE DESTINE A L'IMPRESSION COMPLETE DE GRANDES SURFACES**  
[72] PLASCHKA, REINHARD, DE  
[72] MAYER, KARLHEINZ, DE  
[72] FRANZ, PETER, DE  
[72] MULLER, JOHANN, DE  
[71] GIESECKE & DEVRIENT GMBH, DE  
[85] 2001-03-22  
[86] 1999-09-29 (PCT/EP99/07217)  
[87] 2000-04-13 (WO00/20217)  
[30] DE (198 45 440.6) 1998-10-02

[21] **2,345,228**  
[13] A1

[51] **Int.Cl. 7B42D 15/00 7B42D 15/10**  
[25] EN  
[54] **DATA CARRIER**  
[54] **SUPPORT DE DONNEES**  
[72] MAYER, KARLHEINZ, DE  
[72] BALDUS, CHRISTOF, DE  
[72] WISJAK, EDUARD, DE  
[72] ADAMCZYK, ROGER, DE  
[71] GIESECKE & DEVRIENT GMBH, DE  
[85] 2001-03-22  
[86] 1999-09-29 (PCT/EP99/07215)  
[87] 2000-04-13 (WO00/20225)  
[30] DE (198 45 552.6) 1998-10-02

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[21] **2,345,229**  
[13] A1

[51] **Int.Cl. 7A61M 39/24**  
[25] EN  
[54] **AUTOMATIC MANIFOLD FOR VASCULAR CATHETER**  
[54] **COLLECTEUR AUTOMATIQUE POUR CATHETER VASCULAIRE**  
[72] ELLIS, DONALD G., US  
[72] BERRY, DAVID, US  
[72] HOLMES, DAVID R., US  
[72] SCHWARTZ, ROBERT S., US  
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US  
[85] 2001-03-22  
[86] 1999-09-22 (PCT/US99/21980)  
[87] 2000-03-30 (WO00/16849)  
[30] US (09/159,008) 1998-09-23

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[21] **2,345,230**  
[13] A1

[51] **Int.Cl. 7C12Q 1/70 7C12N 7/06**  
[25] EN  
[54] **METHODS TO SELECTIVELY INACTIVATE VIRUSES IN BIOLOGICAL COMPOSITIONS**  
[54] **PROCEDE SELECTIF D'INACTIVATION DE VIRUS DANS DES COMPOSITIONS BIOLOGIQUES**  
[72] ACKERMAN, SAMUEL K., US  
[72] EDSON, CLARK MCWHORTER, US  
[72] PURMAL, ANDREI A., US  
[71] V.I. TECHNOLOGIES, INC., US  
[85] 2001-03-22  
[86] 1999-09-22 (PCT/US99/21245)  
[87] 2000-04-06 (WO00/18969)  
[30] US (09/161,030) 1998-09-25

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[21] **2,345,231**  
[13] A1

[51] **Int.Cl. 7A61K 31/185 7A61P 7/02 7A61P 31/04 7A61P 15/18**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING DERIVATIVES OF SULPHUR ACIDS**  
[54] **PROCEDES ET COMPOSITIONS POUR TRAITER LES MALADIES INDUITES PAR DES RECEPTEURS**  
[72] ZIMMERMAN, RICHARD C., US  
[72] ALBERTE, RANDALL S., US  
[71] PHYCOGEN, INC., US  
[85] 2001-03-22  
[86] 1999-09-23 (PCT/US99/21797)  
[87] 2000-03-30 (WO00/16764)  
[30] US (09/159,814) 1998-09-23

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[21] **2,345,232**  
[13] A1

[51] **Int.Cl. 7A01N 41/02**  
[25] EN  
[54] **ENVIRONMENTALLY BENIGN CROP PROTECTION AGENTS**  
[54] **AGENTS PHYTOSANITAIRES SANS DANGER POUR L'ENVIRONNEMENT**  
[72] ZIMMERMAN, RICHARD C., US  
[72] ALBERTE, RANDALL S., US  
[71] PHYCOGEN, INC., US  
[85] 2001-03-22  
[86] 1999-09-23 (PCT/US99/22227)  
[87] 2000-03-30 (WO00/16632)  
[30] US (09/159,814) 1998-09-23

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[21] **2,345,233**  
[13] A1

[51] **Int.Cl. 7A01N 41/02 7A61L 27/54**  
[25] EN  
[54] **SAFE AND EFFECTIVE BIOFILM INHIBITORY COMPOUNDS AND HEALTH-RELATED USES THEREOF**  
[54] **COMPOSES SURS ET EFFICACES INHIBITEURS DE FILMS BIOLOGIQUES, ET UTILISATIONS DANS DES DOMAINES RELIES A LA SANTE**  
[72] ZIMMERMAN, RICHARD C., US  
[72] ALBERTE, RANDALL S., US  
[71] PHYCOGEN, INC., US  
[85] 2001-03-22  
[86] 1999-09-23 (PCT/US99/22235)  
[87] 2000-03-30 (WO00/16624)  
[30] US (09/159,814) 1998-09-23

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[21] **2,345,234**  
[13] A1

[51] **Int.Cl. 6H02K 23/60 6H02K 27/20**  
[25] EN  
[54] **A SYNCHRONOUS MACHINE WITH ROTATING BRUSHES**  
[54] **MACHINE SYNCHRONISEE AVEC BROSSES ROTATIVES**  
[72] CHENG, DAH YU, US  
[71] CHENG, DAH YU, US  
[85] 2001-03-22  
[86] 1999-09-22 (PCT/US99/21251)  
[87] 2000-03-30 (WO00/17989)  
[30] US (09/158,464) 1998-09-22

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[21] **2,345,235**  
[13] A1

[51] **Int.Cl. 7B29D 11/00**  
[25] EN  
[54] **PLASTIC LENS SYSTEMS, COMPOSITIONS AND METHODS**  
[54] **SYSTEMES, COMPOSITIONS ET PROCEDES DESTINES A DES VERRES EN PLASTIQUE**  
[72] JOEL, LARRY H., US  
[72] LATTIS, MATTHEW C., US  
[72] BUAZZA, OMAR M., US  
[72] POWERS, GALEN R., US  
[72] LUETKE, STEPHEN C., US  
[71] Q2100, INC., US  
[85] 2001-03-22  
[86] 1999-09-24 (PCT/US99/22176)  
[87] 2000-04-06 (WO00/18569)  
[30] US (09/161,250) 1998-09-25  
[30] US (09/161,258) 1998-09-25  
[30] US (09/160,393) 1998-09-25  
[30] US (09/161,257) 1998-09-25

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[21] **2,345,236**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **METHOD AND SYSTEM FOR IMPROVED TRAFFIC MANAGEMENT IN WIRELESS TELECOMMUNICATION SYSTEMS**  
[54] **PROCEDE ET SYSTEME SERVANT A AMELIORER LA GESTION DU TRAFIC DANS UN RESEAU DE TELECOMMUNICATIONS SANS FIL**  
[72] CORBETT, EDDIE, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-03-22  
[86] 1999-09-24 (PCT/SE99/01695)  
[87] 2000-04-06 (WO00/19762)  
[30] US (09/163,299) 1998-09-30



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[21] **2,345,237**  
[13] A1  
[51] **Int.Cl. 7H03M 13/00**  
[25] EN  
[54] **INFORMATION ADDITIVE CODE GENERATOR AND DECODER FOR COMMUNICATION SYSTEMS**  
[54] **GENERATEUR DE CODE D'INFORMATION SUPPLEMENTAIRE ET DECODEUR POUR UN SYSTEME DE COMMUNICATION**  
[72] LUBY, MICHAEL G., US  
[71] DIGITAL FOUNTAIN, US  
[85] 2001-03-22  
[86] 1999-09-17 (PCT/US99/21574)  
[87] 2000-03-30 (WO00/18017)  
[30] US (60/101,473) 1998-09-23  
[30] US (09/246,015) 1999-02-05

[21] **2,345,238**  
[13] A1  
[51] **Int.Cl. 6F16C 43/00 6G01R 3/00 6G01D 11/02 6F16C 32/06 6G01R 1/10 6G01D 11/12**  
[25] EN  
[54] **FLUID THRUST BEARING - INDICATOR WITH AN ASSEMBLING**  
[54] **PALIER DE BUTEE FLUIDE, INDICATEUR ASSOCIE ET ASSEMBLAGE**  
[72] ROSE, VINCENT H., US  
[71] ROSE, VINCENT H., US  
[85] 2001-03-22  
[86] 1999-10-18 (PCT/US99/24448)  
[87] 2000-04-27 (WO00/23719)  
[30] US (09/174,692) 1998-10-19

[21] **2,345,239**  
[13] A1  
[51] **Int.Cl. 7H04N 9/12 7H04N 17/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CALIBRATING A DISPLAY USING AN ARRAY OF CAMERAS**  
[54] **ETALONNAGE D'UN AFFICHEUR AU MOYEN D'UN RESEAU DE CAMERAS, ET DISPOSITIF A CET EFFET**  
[72] CHEN, CHUNG-JEN, US  
[72] JOHNSON, MICHAEL J., US  
[72] CHANDRASEKHAR, RAJESH, US  
[71] HONEYWELL INC., US  
[85] 2001-03-22  
[86] 1999-09-23 (PCT/US99/22088)  
[87] 2000-03-30 (WO00/18138)  
[30] US (09/159,024) 1998-09-23

[21] **2,345,240**  
[13] A1  
[51] **Int.Cl. 7A61K 47/34 7A61P 35/00 7A61K 9/16**  
[25] EN  
[54] **BIODEGRADABLE TEREPHTHALATE POLYESTER-POLY(PHOSPHONATE) AND POLYESTER-POLY(PHOSPHITE) COMPOSITIONS, ARTICLES, AND METHODS OF USING THEM**  
[54] **COMPOSITIONS ET ARTICLES A BASE DE POLYESTER-POLY(PHOSPHONATE) ET POLYESTER-POLY(PHOSPHITE) DE TEREPHTHALATE BIODEGRADABLES, TECHNIQUES D'UTILISATION**  
[72] ZHAO, ZHONG, US  
[72] NOWOTNIK, DAVID P., US  
[72] MAO, HAI-QUAN, US  
[72] LEONG, KAM W., US  
[72] DANG, WENBIN, US  
[72] ENGLISH, JAMES P., US  
[71] JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE, US  
[71] GUILFORD PHARMACEUTICALS INC., US

[85] 2001-03-22  
[86] 1999-10-01 (PCT/US99/22898)  
[87] 2000-04-13 (WO00/19976)  
[30] US (09/165,375) 1998-10-02  
[30] US (09/165,373) 1998-10-02

[21] **2,345,241**  
[13] A1  
[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **USER-DEFINED DYNAMIC COLLABORATIVE ENVIRONMENTS**  
[54] **ENVIRONNEMENTS A COLLABORATION DYNAMIQUE DEFINIS PAR L'UTILISATEUR**  
[72] WALLO, ANDREW, US  
[72] DAVIES, LINDA M., US  
[72] LESTER, HAROLD D., US  
[72] NICHOLAS, JOHN M., US  
[72] WEATHERBEE, JAMES E., JR., US  
[72] CHEAL, LINDA J., US  
[72] MANGIS, JEFFREY K., US  
[72] MILLER, CRAIG, US  
[72] KRESS, THOMAS P., US  
[71] SCIENCE APPLICATIONS INTERNATIONAL CORPORATION, US  
[85] 2001-03-22  
[86] 1999-09-22 (PCT/US99/21934)  
[87] 2000-03-30 (WO00/17775)  
[30] US (60/101,431) 1998-09-22  
[30] US (09/399,753) 1999-09-21

[21] **2,345,242**  
[13] A1  
[51] **Int.Cl. 7A01N 25/02**  
[25] EN  
[54] **ANTI-MICROBIAL-ADHESION FRACTION DERIVED FROM VACCINIUM**  
[54] **FRACTION ANTI-ADHERENCE MICROBIENNE DERIVEE DE VACCINIUM**  
[72] OFEK, ITZHAK, IL  
[72] KASHMAN, YOEL, IL  
[72] WEISS, ERVIN, IL  
[72] GOLDHAR, JANINA, IL  
[72] SHARON, NATHAN, IL  
[71] RAMOT-UNIVERSITY AUTHORITY FOR APPLIED RESEARCH AND INDUSTRIAL DEVELOPME, IL  
[85] 2001-03-22  
[86] 1999-09-17 (PCT/IB99/01662)  
[87] 2000-03-30 (WO00/16732)  
[30] US (09/159,626) 1998-09-24

[21] **2,345,243**  
[13] A1  
[51] **Int.Cl. 7A61K 38/05 7A61P 7/00**  
[25] EN  
[54] **INHIBITION OF ERYTHROCYTE SICKLING BY N-L-ALPHA-ASPARTYL-L-PHENYLALANINE 1-METHYL ESTER**  
[54] **INHIBITION DE LA FALCIFORMATION DES ERYTHROCYTES PAR N-L-ALPHA-ASPARTYL-L-PHENYLALANINE 1-METHYL ESTER**  
[72] EDMUNDSON, ALLEN B., US  
[72] MANION, CARL V., US  
[71] OKLAHOMA MEDICAL RESEARCH FOUNDATION, US  
[85] 2001-03-22  
[86] 1999-09-25 (PCT/US99/22268)  
[87] 2000-04-06 (WO00/18418)  
[30] US (60/101,876) 1998-09-25

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[21] **2,345,244**  
[13] A1

[51] **Int.Cl. 7E21B 19/06 7E21B 19/10**  
[25] EN  
[54] **AN APPARATUS FOR FACILITATING THE CONNECTION OF TUBULARS USING A TOP DRIVE**  
[54] **APPAREIL FACILITANT LE RACCORDEMENT D'ELEMENTS TUBULAIRES PAR LE DESSUS**  
[72] APPLETON, ROBERT PATRICK, GB  
[71] APPLETON, ROBERT PATRICK, GB  
[85] 2001-03-23  
[86] 1999-09-27 (PCT/GB99/03014)  
[87] 2000-04-06 (WO00/19058)  
[30] GB (9820802.8) 1998-09-25

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[21] **2,345,245**  
[13] A1

[51] **Int.Cl. 6G06K 9/00**  
[25] EN  
[54] **FIRST-ORDER AUTHENTICATION SYSTEM**  
[54] **SYSTEME D'AUTHENTIFICATION DE PREMIER ORDRE**  
[72] LIANG, LOUIS H., US  
[71] ANGSTROM TECHNOLOGIES, INC., US  
[85] 2001-03-22  
[86] 1999-09-27 (PCT/US99/22409)  
[87] 2000-04-06 (WO00/19357)  
[30] US (60/102,147) 1998-09-29

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[21] **2,345,246**  
[13] A1

[51] **Int.Cl. 7C08F 8/42**  
[25] EN  
[54] **ETHYLENE/.ALPHA.-OLEFIN/ UNCONJUGATED POLYENE RANDOM COPOLYMER RUBBER CONTAINING HYDROLYZABLE SILYL GROUP AND PROCESS FOR PRODUCING THE SAME**  
[54] **CAOUTCHOUC DE COPOLYMERE STATISTIQUE D'ETHYLENE-ALPHA-OLEFINE-POLYENE NON CONJUGUE CONTENANT UN GROUPE SILYLE HYDROLYSABLE, ET PROCEDE DE PRODUCTION DUDIT CAOUTCHOUC**  
[72] KAWASAKI, MASAOKI, JP  
[72] NAKAMURA, TSUTOMU, JP  
[72] KIKUCHI, YOSHIHARU, JP  
[72] YOSHIDA, TAKEO, JP  
[72] YAMAMOTO, AKIRA, JP  
[72] HAKUTA, TAKASHI, JP  
[71] MITSUI CHEMICALS INC., JP  
[71] SHIN-ETSU CHEMICAL CO., LTD., JP  
[85] 2001-03-22  
[86] 2000-07-19 (PCT/JP00/04841)  
[87] 2001-02-01 (WO01/07490)  
[30] JP (11/208942) 1999-07-23

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[21] **2,345,247**  
[13] A1

[51] **Int.Cl. 7A61B 18/14**  
[25] EN  
[54] **METHOD AND DEVICE FOR CAUSING A STRICTURE OF A BODY PASSAGEWAY**  
[54] **METHODE ET DISPOSITIF DE RETRECISSEMENT D'UN PASSAGE CORPOREL**  
[72] LENNOX, CHARLES D., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2001-03-22  
[86] 1999-09-29 (PCT/US99/22500)  
[87] 2000-04-06 (WO00/18314)  
[30] US (09/164,002) 1998-09-30

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[21] **2,345,248**  
[13] A1

[51] **Int.Cl. 6A61K 31/535**  
[25] EN  
[54] **USE OF PROSTANOID ANTAGONISTS FOR THE TREATMENT OF PRIMARY HEADACHE DISORDERS**  
[54] **UTILISATION D'ANTAGONISTES DE PROSTANOIDES POUR LE TRAITEMENT DE CEPHALEES PRIMAIRES**  
[72] COLEMAN, ROBERT ALEXANDER, GB  
[72] BAXTER, GORDON SMITH, GB  
[72] TILFORD, NICHOLAS, GB  
[71] PHARMAGENE LABORATORIES LTD., GB  
[85] 2001-03-22  
[86] 1998-09-25 (PCT/GB98/02895)  
[87] 2000-04-06 (WO00/18405)

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[21] **2,345,249**  
[13] A1

[51] **Int.Cl. 7F16C 13/00 7D21G 1/02**  
[25] EN  
[54] **ARRANGEMENT FOR REMOVING OIL IN A ROLL**  
[54] **DISPOSITIF DESTINE AU RETRAIT DE L'HUILE D'UN ROULEAU**  
[72] BLAIS, JAMES, FI  
[72] ROYSKO, KARI, FI  
[72] VANHAMAKI, SAMI, FI  
[72] HAIKO, RISTO, FI  
[72] LEHTO, ARI, FI  
[72] ONNELA, JORI, FI  
[71] METSO PAPER, INC., FI  
[85] 2001-03-22  
[86] 1999-09-23 (PCT/FI99/00783)  
[87] 2000-03-30 (WO00/17530)  
[30] FI (982045) 1998-09-23

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[21] **2,345,250**  
[13] A1

[51] **Int.Cl. 6E04D 3/14**  
[25] EN  
[54] **GLAZING SUPPORT SYSTEMS**  
[54] **SYSTEMES DE SUPPORT DE VITRAGE**  
[72] RICHARDSON, CHRISTOPHER, GB  
[71] ULTRAFRAME (UK) LIMITED, GB  
[85] 2001-03-22  
[86] 1998-09-22 (PCT/GB98/02805)  
[87] 2000-03-30 (WO00/17466)

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[21] **2,345,251**  
[13] A1

[51] **Int.Cl. 6B01J 20/20 6C01B 31/08 6C01B 31/12 6B01J 21/18**  
[25] EN  
[54] **HIGHLY ACTIVATED CARBON FROM CAUSTIC DIGESTION OF RICE HULL ASH AND METHOD**  
[54] **CARBONE FORTEMENT ACTIVE RESULTANT DE LA DIGESTION CAUSTIQUE DE CENDRE DE COQUES DE RIZ, ET PROCEDE CORRESPONDANT**  
[72] STEPHENS, DOUGLAS K., US  
[71] AGRITEC, INC., US  
[85] 2001-03-22  
[86] 1999-09-22 (PCT/US99/22053)  
[87] 2000-03-30 (WO00/16896)  
[30] US (09/159,809) 1998-09-23

[21] **2,345,252**  
[13] A1

[51] **Int.Cl. 6A62B 18/08**  
[25] EN  
[54] **CUSTOMIZABLE SEAL, MASK WITH CUSTOMIZABLE SEAL AND METHOD OF USING SUCH A SEAL**  
[54] **JOINT PERSONNALISABLE, MASQUE EQUIPE DE CE JOINT, ET PROCEDE D'UTILISATION DU JOINT**  
[72] SCARBERRY, EUGENE N., US  
[72] WHITE, RONALD E., US  
[72] MCELROY, BENEDICT R., US  
[71] RESPIRONICS, INC., US  
[85] 2001-03-22  
[86] 1999-09-28 (PCT/US99/22493)  
[87] 2000-04-13 (WO00/20072)  
[30] US (60/103,091) 1998-10-05  
[30] US (09/388,326) 1999-09-01

[21] **2,345,253**  
[13] A1

[51] **Int.Cl. 7A23L 1/221 7C11B 9/02**  
[25] EN  
[54] **VOLATILE FLAVOURS**  
[54] **PARFUM VOLATIL**  
[72] CERNY, CHRISTOPH, CH  
[72] HART, JOSEPH RICHARD, CH  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2001-03-22  
[86] 1999-10-08 (PCT/EP99/07774)  
[87] 2000-04-27 (WO00/22942)  
[30] EP (98203453.0) 1998-10-16

[21] **2,345,254**  
[13] A1

[51] **Int.Cl. 6C01B 37/06 6C01B 37/08**  
[25] EN  
[54] **SYNTHESIS OF AND COMPOSITIONS OF ECR-40, LARGE PORE ALUMINOPHOSPHATE**  
[54] **SYNTHESE ET COMPOSITIONS D'ALUMINOPHOSPHATE ECR-40 A LARGES PORES**  
[72] VAUGHAN, DAVID EVAN WILLIAM, US  
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[85] 2001-03-22  
[86] 1999-10-05 (PCT/US99/23203)  
[87] 2000-04-20 (WO00/21884)  
[30] US (09/169,653) 1998-10-09

[21] **2,345,255**  
[13] A1

[51] **Int.Cl. 6A47C 17/62 6E04G 1/22**  
[25] EN  
[54] **PLAYING SURFACE LEVELING APPARATUS AND METHOD**  
[54] **DISPOSITIF ET PROCEDE DE MISE A NIVEAU D'UNE SURFACE DE JEU**  
[72] SPOERL, SCOTT, US  
[72] SPOERL, BRIAN J., US  
[71] SPOERL, SCOTT, US  
[71] SPOERL, BRIAN J., US  
[85] 2001-03-22  
[86] 1999-09-22 (PCT/US99/22401)  
[87] 2000-03-30 (WO00/16662)  
[30] US (09/158,234) 1998-09-22

[21] **2,345,256**  
[13] A1

[51] **Int.Cl. 7G06F 9/44**  
[25] EN  
[54] **TEXT OBJECT COMPILATION METHOD AND SYSTEM**  
[54] **PROCEDE ET SYSTEME DE COMPILATION D'OBJETS TEXTE**  
[72] DOMI, DWAYNE K., US  
[71] NETCREATE SYSTEMS, INC., US  
[85] 2001-03-23  
[86] 1999-09-22 (PCT/US99/21940)  
[87] 2000-03-30 (WO00/17748)  
[30] US (09/159,304) 1998-09-23

[21] **2,345,257**  
[13] A1

[51] **Int.Cl. 7C07F 5/06**  
[25] EN  
[54] **ALUMINOXANE SYNTHESIS EMPLOYING REDUCED AMOUNT OF TRIALKYLALUMINUM COMPOUND**  
[54] **SYNTHESE DE L'ALUMINOXANE METTANT EN OEUVRE UNE QUANTITE REDUITE DE COMPOSE TRIALKYLALUMINIUM**  
[72] JONES, PAUL D., US  
[72] MALPASS, DENNIS B., US  
[72] SMITH, GREGORY M., US  
[72] SIMMS HUDOCK, BARBARA L., US  
[72] BAND, ELLIOT I., US  
[71] AKZO NOBEL N.V., NL  
[85] 2001-03-23  
[86] 1999-09-23 (PCT/EP99/07397)  
[87] 2000-03-30 (WO00/17209)  
[30] US (09/160,081) 1998-09-24

[21] **2,345,258**  
[13] A1

[51] **Int.Cl. 6C08J 3/02**  
[25] EN  
[54] **STABLE AQUEOUS POLYMER DISPERSIONS AND A PROCESS FOR THEIR PREPARATION**  
[54] **DISPERSIONS POLYMERES AQUEUSES STABLES ET PROCEDE DE LEUR PREPARATION**  
[72] O'CALLAGHAN, KEVIN JUDE, US  
[72] COAD, MICHAEL DAVIS, US  
[72] STERZER, CARLOS ALFREDO KIENZLE, US  
[72] NOTHNAGEL, JOSEPH LEO, US  
[71] MCWHORTER TECHNOLOGIES, INC., US  
[85] 2001-03-23  
[86] 1999-09-23 (PCT/US99/21792)  
[87] 2000-04-06 (WO00/18828)  
[30] US (09/161,145) 1998-09-25  
[30] US (09/160,843) 1998-09-25

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[21] **2,345,259**  
[13] A1  
[51] **Int.Cl. 6A63B 37/12 6A63B 37/02**  
[25] EN  
[54] **GOLF BALL CONTAINING PLASTOMER AND METHOD OF MAKING SAME**  
[54] **BALLE DE GOLF CONTENANT UN PLASTOMERE, ET PROCEDE DE FABRICATION CORRESPONDANT**  
[72] BINETTE, MARK L., US  
[72] NESBITT, R. DENNIS, US  
[72] SULLIVAN, MICHAEL J., US  
[71] SPALDING SPORTS WORLDWIDE, INC., US  
[85] 2001-03-23  
[86] 1999-08-09 (PCT/US99/18121)  
[87] 2000-05-04 (WO00/24478)  
[30] US (08/743,122) 1998-10-26

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[21] **2,345,260**  
[13] A1  
[51] **Int.Cl. 7B64C 21/00**  
[25] EN  
[54] **ION DOPING APPARATUS AND METHOD FOR AERODYNAMIC FLOW CONTROL**  
[54] **DISPOSITIF ET PROCEDE DE DOPAGE D'IONS POUR COMMANDE DE FLUX AERODYNAMIQUE**  
[72] KUNHARDT, ERICH E., US  
[72] SAEKS, RICHARD EPHRAIN, US  
[72] CARLTON, LINDLEY A., US  
[72] PAP, ROBERT M., US  
[71] ACCURATE AUTOMATION CORPORATION, US  
[85] 2001-03-23  
[86] 1999-09-22 (PCT/US99/20878)  
[87] 2000-04-13 (WO00/20274)  
[30] US (09/158,502) 1998-09-23

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[21] **2,345,261**  
[13] A1  
[51] **Int.Cl. 7G06K 9/74**  
[25] EN  
[54] **PROGRAMMABLE LENS ASSEMBLIES AND OPTICAL SYSTEMS INCORPORATING THEM**  
[54] **ENSEMBLES LENTILLES PROGRAMMABLES ET SYSTEMES OPTIQUES COMPRENANT CES DERNIERS**  
[72] LOWANS, BRIAN SINCLAIR, GB  
[71] THE SECRETARY OF STATE FOR DEFENCE, GB  
[85] 2001-03-23  
[86] 1999-09-24 (PCT/GB99/03000)  
[87] 2000-03-30 (WO00/17810)  
[30] GB (PCT/GB98/02876) 1998-09-24

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[21] **2,345,262**  
[13] A1  
[51] **Int.Cl. 7G06K 9/74**  
[25] EN  
[54] **IMPROVEMENTS RELATING TO PATTERN RECOGNITION**  
[54] **AMELIORATIONS APORTEES A UNE RECONNAISSANCE DE FORMES**  
[72] WILSON, REBECCA ANNE, GB  
[72] LEWIS, MEIRION FRANCIS, GB  
[72] YOUNG, RUPERT CHARLES DAVID, GB  
[72] LOWANS, BRIAN SINCLAIR, GB  
[71] THE SECRETARY OF STATE FOR DEFENCE, GB  
[85] 2001-03-23  
[86] 1998-09-24 (PCT/GB98/02876)  
[87] 2000-03-30 (WO00/17809)

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[21] **2,345,263**  
[13] A1  
[51] **Int.Cl. 7B65D 47/08**  
[25] EN  
[54] **AN INDIRECTLY ACTIVATED CLOSURE**  
[54] **FERMETURE A MISE EN OEUVRE INDIRECTE**  
[72] HARRITY, KEVIN, US  
[72] NIMMEY, ALAN, US  
[72] ZAKSENBERG, ISAAC, US  
[71] COLGATE-PALMOLIVE COMPANY, US  
[85] 2001-03-23  
[86] 1999-09-23 (PCT/US99/22064)  
[87] 2000-04-06 (WO00/18654)  
[30] US (09/160,996) 1998-09-25

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[21] **2,345,264**  
[13] A1  
[51] **Int.Cl. 7F41G 1/30**  
[25] EN  
[54] **OPTICAL SIGHT WITH AN ILLUMINATED AIMING POINT**  
[54] **VISEUR OPTIQUE A POINT DE VISEE ECLAIRE**  
[72] HAKANSON, HAKAN, SE  
[72] DELFIN, ANNA, SE  
[72] GUNNARSSON, KJELL, SE  
[71] GS DEVELOPMENT AB, SE  
[85] 2001-03-23  
[86] 2000-02-16 (PCT/SE00/00299)  
[87] 2000-08-31 (WO00/50835)  
[30] SE (9900612-4) 1999-02-22

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[21] **2,345,265**  
[13] A1  
[51] **Int.Cl. 7B01D 61/14 7B01D 61/22 7A23L 2/74**  
[25] EN  
[54] **FILTRATION SYSTEMS AND METHODS**  
[54] **DISPOSITIFS ET METHODES DE FILTRATION**  
[72] SLEGERS, JOHN, NL  
[71] PALL CORPORATION, US  
[85] 2001-03-23  
[86] 1999-08-31 (PCT/EP99/06424)  
[87] 2000-04-06 (WO00/18497)  
[30] GB (9820935.6) 1998-09-25

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[21] **2,345,266**  
[13] A1  
[51] **Int.Cl. 7G01N 23/04 7G03B 42/02 7H04N 1/04 7G03B 42/08**  
[25] EN  
[54] **MULTIPLE-HEAD PHOSPHOR SCREEN SCANNER**  
[54] **SCANNER A ECRAN FLUORESCENT ET A TETES MULTIPLES**  
[72] NISHIHARA, H. KEITH, US  
[72] BLAU, DAVID A., US  
[72] CANTU, GARY, US  
[72] LEWIS, TODD, US  
[72] EVANS, WAYNE, US  
[72] ANDERSON, PERRY Q., US  
[72] RAWSON, ERIC G., US  
[71] PHORMAX CORPORATION, US  
[85] 2001-03-23  
[86] 1999-09-23 (PCT/US99/22104)  
[87] 2000-04-06 (WO00/19477)  
[30] US (60/101,840) 1998-09-25  
[30] US (09/260,890) 1999-03-02  
[30] US (UNKNOWN) 1999-09-22  
[30] US (UNKNOWN) 1999-09-22

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[21] **2,345,267**  
[13] A1

[51] **Int.Cl. 7B32B 23/08 7C08L 35/00 7B32B 9/04 7B32B 9/06 7B32B 15/08 7C08F 26/08**  
[25] EN  
[54] **ADHESIVES WITH IMPROVED RIVET PROPERTIES AND LAMINATES USING THE SAME**  
[54] **ADHESIFS OFFRANT DES PROPRIETES DE RIVETAGE AMELIOREES**  
[72] LAMB, GREGHILD, US  
[72] MALLYA, PRAKASH, US  
[72] IYER, PRADEEP, US  
[71] AVERY DENNISON CORPORATION, US  
[85] 2001-03-23  
[86] 1999-09-23 (PCT/US99/21789)  
[87] 2000-03-30 (WO00/16976)  
[30] US (60/101,538) 1998-09-23

[21] **2,345,268**  
[13] A1

[51] **Int.Cl. 7B65B 1/04**  
[25] EN  
[54] **VESSEL APERTURE ADAPTER OUVERTURE DE RECIPIENT**  
[72] SCHENK, WILLIAM P., US  
[71] ROBERTSHAW CONTROLS COMPANY, US  
[85] 2001-03-23  
[86] 2000-07-24 (PCT/US00/20200)  
[87] 2001-02-01 (WO01/07322)  
[30] US (60/145,583) 1999-07-26  
[30] US (09/480,751) 2000-01-10

[21] **2,345,269**  
[13] A1

[51] **Int.Cl. 6B07C 5/02**  
[25] EN  
[54] **SORTING AND ACQUIRING IMAGE DATA FOR DOCUMENTS**  
[54] **TRI ET ACQUISITION DE DONNEES D'IMAGE DE DOCUMENTS**  
[72] DEWITT, ROBERT R., US  
[72] HAYDUCHOK, GEORGE L., US  
[72] STEVENS, ALBERT F., US  
[71] OPEX CORPORATION, US  
[85] 2001-03-23  
[86] 1999-09-24 (PCT/US99/22398)  
[87] 2000-04-06 (WO00/18520)  
[30] US (09/160,401) 1998-09-25

[21] **2,345,270**  
[13] A1

[51] **Int.Cl. 6A61B 17/39**  
[25] EN  
[54] **RESISTIVE REUSABLE ELECTROSURGICAL RETURN ELECTRODE**  
[54] **ELECTRODE DE RETOUR RESISTIVE ET REUTILISABLE POUR ELECTROCHIRURGIE**  
[72] KIEDA, DAVID B., US  
[72] ISAACSON, JAMES D., US  
[72] FLEENOR, RICHARD P., US  
[71] MEGADYNE MEDICAL PRODUCTS, INC., US  
[85] 2001-03-23  
[86] 1999-07-20 (PCT/US99/16223)  
[87] 2000-06-08 (WO00/32122)  
[30] US (09/201,998) 1998-11-30

[21] **2,345,271**  
[13] A1

[51] **Int.Cl. 6B01J 19/02 6B01J 21/16**  
[25] EN  
[54] **PROCESS FOR TREATMENT OF PETROLEUM ACIDS WITH AMMONIA**  
[54] **PROCEDE DE TRAITEMENT D'ACIDES ORGANIQUES AVEC DE L'AMMONIAC**  
[72] DALRYMPLE, DAVID CRAIG, US  
[72] BALLINGER, BRUCE HENRY, US  
[72] OLMSTEAD, WILLIAM NEERGAARD, US  
[72] SAVAGE, DAVID WILLIAM, US  
[72] SARTORI, GUIDO, US  
[72] ROBBINS, WINSTON KARL, US  
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[85] 2001-03-23  
[86] 1999-10-05 (PCT/US99/23197)  
[87] 2000-04-13 (WO00/20113)  
[30] US (09/166,807) 1998-10-06  
[30] US (LAW862) 1999-09-21

[21] **2,345,272**  
[13] A1

[51] **Int.Cl. 7B08B 3/02 7B05B 3/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROCESS WASHING**  
[54] **PROCEDE ET DISPOSITIF DE LAVAGE D'UN APPAREIL DE TRAITEMENT**  
[72] HURSKAINEN, AARNE, FI  
[71] HURSKAINEN, AARNE, FI  
[85] 2001-03-23  
[86] 1999-09-14 (PCT/FI99/00743)  
[87] 2000-04-13 (WO00/20132)  
[30] FI (982148) 1998-10-05

[21] **2,345,273**  
[13] A1

[51] **Int.Cl. 7A61K 31/33 7A61K 31/66**  
[25] EN  
[54] **PHARMACEUTICALLY ACTIVE COMPOUNDS AND METHODS OF USE THEREOF**  
[54] **COMPOSES PHARMACEUTIQUEMENT ACTIFS, ET METHODES D'UTILISATION CORRESPONDANTES**  
[72] JIAO, JIN-AN, US  
[72] WONG, HING C., US  
[72] NIEVES, ESPERANZA L., US  
[72] TAYLOR, DEAN P., US  
[72] LUEPSCHEIN, LAWRENCE K., US  
[71] SUNOL MOLECULAR CORPORATION, US  
[85] 2001-03-23  
[86] 1999-09-24 (PCT/US99/22238)  
[87] 2000-04-06 (WO00/18398)  
[30] US (60/101,887) 1998-09-25

[21] **2,345,274**  
[13] A1

[51] **Int.Cl. 6G09B 23/30**  
[25] EN  
[54] **INSTRUMENTED BREAST MODEL**  
[54] **MODELE INSTRUMENTAL POUR EXAMEN DU SEIN**  
[72] SCHMIDT, CHRISTY B., US  
[72] MILLER, DOUGLAS J., US  
[72] LEIGHT, SUSAN B., US  
[72] LEIGHT, VICTOR W., US  
[72] NUTTER, ROY S., JR., US  
[71] WEST VIRGINIA UNIVERSITY, US  
[85] 2001-03-23  
[86] 1999-09-24 (PCT/US99/22201)  
[87] 2000-03-30 (WO00/17838)  
[30] US (60/101,595) 1998-09-24

[21] **2,345,275**  
[13] A1

[51] **Int.Cl. 7A61M 25/01 7A61B 8/12**  
[25] EN  
[54] **IMAGING CORE LOADING TOOL**  
[54] **OUTIL POUR CHARGER LE NOYAU D'UN DISPOSITIF D'IMAGERIE**  
[72] WHITE, DAVID A., US  
[72] LAMMERTS VAN BUEREN, LINDA H., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2001-03-23  
[86] 1999-09-13 (PCT/IB99/01539)  
[87] 2000-04-06 (WO00/18463)  
[30] US (09/161,352) 1998-09-25

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[21] **2,345,293**  
[13] A1

[51] **Int.Cl. 7F02C 7/18 7F02C 3/10 7F01D 5/18 7F02C 3/36**  
[25] EN  
[54] **GAS TURBINE ENGINE**  
[54] **TURBOMACHINE**  
[72] RAKHMAILOV, ANATOLY, RU  
[71] ALM DEVELOPMENT, INC., US  
[85] 2001-03-23  
[86] 1999-09-24 (PCT/US99/20886)  
[87] 2000-04-13 (WO00/20740)  
[30] US (09/161,115) 1998-09-25

[21] **2,345,297**  
[13] A1

[51] **Int.Cl. 7A01N 43/58 7C07D 241/36**  
[25] EN  
[54] **SYNTHETIC ANALOGS OF ECTEINASCIDIN-743**  
[54] **ANALOGUES SYNTHETIQUES D'ECTEINASCIDINE 743**  
[72] COREY, ELIAS J., US  
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[85] 2001-03-23  
[86] 1999-09-30 (PCT/US99/22405)  
[87] 2000-04-06 (WO00/18233)  
[30] US (09/165,892) 1998-09-30

[21] **2,345,303**  
[13] A1

[51] **Int.Cl. 7H01L 27/146 7G01T 1/24**  
[25] EN  
[54] **DIGITAL DETECTOR FOR X-RAY IMAGING**  
[54] **DETECTEUR NUMERIQUE POUR IMAGERIE RADIOLOGIQUE**  
[72] ZUR, ALBERT, IL  
[71] EDGE MEDICAL DEVICES LTD., IL  
[85] 2001-03-23  
[86] 1999-07-26 (PCT/IL99/00409)  
[87] 2001-02-01 (WO01/08224)

[21] **2,345,294**  
[13] A1

[51] **Int.Cl. 7B08B 9/027 7E21B 37/00**  
[25] EN  
[54] **CLEANING AND PASSIVATING WATER DISTRIBUTION SYSTEMS**  
[54] **NETTOYAGE ET PASSIVATION DE RESEAUX DE DISTRIBUTION D'EAU**  
[72] LUDWIG, JEROME H., US  
[72] SHENKIRYK, MYRON B., US  
[71] H.E.R.C. PRODUCTS INCORPORATED, US  
[85] 2001-03-23  
[86] 1999-10-04 (PCT/US99/23037)  
[87] 2000-04-13 (WO00/20138)  
[30] US (09/167,360) 1998-10-07

[21] **2,345,300**  
[13] A1

[51] **Int.Cl. 6C09K 11/00 6B24D 15/00 6C09D 11/00 6B24D 15/10 6G01T 1/20 6C09D 5/22 6H01J 29/24 6C09K 11/54 6C09K 11/56 6C09K 11/59 6H01J 1/63 6C09K 11/63 6C09K 11/64 6C09K 11/78 6C09K 11/79 6C09K 11/80 6C09K 11/84**  
[25] EN  
[54] **PHOSPHOR POWDERS, METHODS FOR MAKING PHOSPHOR POWDERS AND DEVICES INCORPORATING SAME**  
[54] **POUDRES DE PHOSPHORE, PROCEDES DE FABRICATION DE POUDRES DE PHOSPHORE ET DISPOSITIFS INCORPORANT CEUX-CI**

[21] **2,345,304**  
[13] A1

[51] **Int.Cl. 7A23G 3/00**  
[25] EN  
[54] **CONFECTIONERY PRODUCTS HAVING IMPROVED SHELF LIFE AND METHODS FOR THEIR PRODUCTION**  
[54] **PRODUITS DE CONFISERIE PRESENTANT UNE DUREE DE CONSERVATION AMELIOREE ET PROCEDES DE FABRICATION ASSOCIES**  
[72] MCHALE, MIKE, US  
[72] GUYDAN, TIM, US  
[72] CAHILL, KRISTINE S., US  
[72] CORRIVEAU, CHRISTINE L., US  
[72] MILOSCH, GREGORY J., US  
[71] WM. WRIGLEY JR. COMPANY, US  
[85] 2001-03-23  
[86] 2000-08-04 (PCT/US00/21420)  
[87] 2001-02-15 (WO01/10237)  
[30] US (60/147,311) 1999-08-05

[21] **2,345,295**  
[13] A1

[51] **Int.Cl. 7A61K 31/55**  
[25] EN  
[54] **METHODS FOR PREVENTING/TREATING DAMAGE TO SENSORY HAIR CELLS AND COCHLEAR NEURONS**  
[54] **METHODES POUR LA PREVENTION/LE TRAITEMENT DES CELLULES AUDITIVES CILIEES ET NEURONES COCHLEAIRES ENDOMMAGES**  
[72] HUDKINS, ROBERT L., US  
[72] YLIKOSKI, JUKKA, FI  
[72] WALTON, KEVIN, US  
[72] SAARMA, MART, FI  
[72] PIRVOLA, ULLA, FI  
[71] CEPHALON, INC., US  
[85] 2001-03-23  
[86] 1999-09-24 (PCT/US99/21780)  
[87] 2000-04-06 (WO00/18407)  
[30] US (60/101,763) 1998-09-25

[72] HAMPDEN-SMITH, MARK J., US  
[72] KODAS, TOIVO T., US  
[72] KUNZE, KLAUS, US  
[72] CARUSO, JAMES, US  
[72] SKAMSER, DANIEL J., US  
[72] POWELL, QUINT H., US  
[71] SUPERIOR MICROPOWDERS LLC, MX  
[85] 2001-03-23  
[86] 1999-08-26 (PCT/US99/19582)  
[87] 2000-03-09 (WO00/12649)  
[30] US (09/141,386) 1998-08-27  
[30] US (09/141,393) 1998-08-27  
[30] US (09/141,405) 1998-08-27  
[30] US (09/140,525) 1998-08-27

[21] **2,345,305**  
[13] A1

[51] **Int.Cl. 7E21B 37/06 7B01F 17/00 7E21B 43/25**  
[25] EN  
[54] **ACIDIC SURFACTANT COMPOSITION AND METHOD FOR CLEANING WELLBORE AND FLOWLINE SURFACES USING THE SURFACTANT COMPOSITION**  
[54] **COMPOSITION TENSIOACTIVE ACIDE ET PROCEDE SERVANT A NETTOYER DES SURFACES DE Puits DE SONDAGE ET DE CONDUITS D'ECOULEMENT AU MOYEN DE CETTE COMPOSITION**  
[72] CHAN, ALBERT F., US  
[71] ATLANTIC RICHFIELD COMPANY, US  
[85] 2001-03-23  
[86] 1999-09-21 (PCT/GB99/03135)  
[87] 2000-04-06 (WO00/19062)  
[30] US (09/161,040) 1998-09-26

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[21] **2,345,307**  
[13] A1  
[51] **Int.Cl. 7G02B 6/26 7G02B 6/38**  
[25] EN  
[54] **AN OPTICAL FIBER HAVING AN EXPANDED MODE FIELD DIAMETER AND METHOD OF EXPANDING THE MODE FIELD DIAMETER OF AN OPTICAL FIBER**  
[54] **FIBRE OPTIQUE AYANT UN DIAMETRE DE CHAMP DE MODE DILATE ET PROCEDE DE DILATATION DU DIAMETRE DE CHAMP DE MODE D'UNE FIBRE OPTIQUE**  
[72] WU, QI, US  
[71] CORNING INCORPORATED, US  
[85] 2001-03-23  
[86] 1998-09-20 (PCT/US99/21828)  
[87] 2000-04-06 (WO00/19256)  
[30] US (60/101,888) 1998-09-25

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[21] **2,345,308**  
[13] A1  
[51] **Int.Cl. 7C10G 11/05 7C07C 4/06 7B01J 29/06**  
[25] EN  
[54] **PROCESS FOR MANUFACTURING OLEFINS USING A PENTASIL ZEOLITE BASED CATALYST**  
[54] **PROCESSUS DE PRODUCTION D'OLEFINES UTILISANT UN CATALYSEUR A BASE DE ZEOLITE PENTASILE**  
[72] FROMENT, GILBERT FERNAND ALPHONSE, BE  
[72] KAMINSKY, MARK P., US  
[72] DEHERTOG, WILFRIED JOZEF HIPPOLYTE, BE  
[71] BP AMOCO CORPORATION, US  
[85] 2001-03-23  
[86] 1999-09-28 (PCT/US99/22460)  
[87] 2000-04-06 (WO00/18853)  
[30] US (09/161,845) 1998-09-28  
[30] US (09/405,582) 1999-09-27

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[21] **2,345,310**  
[13] A1  
[51] **Int.Cl. 6A44B 19/32 6B32B 7/12 6B32B 31/26**  
[25] EN  
[54] **WATER RESISTANT SLIDE FASTENER AND PROCESS FOR PREPARING SAME**  
[54] **FERMETURE A GLISSIERE RESISTANT A L'EAU ET PROCEDE D'ELABORATION DE CELLE-CI**  
[72] PRESS, STUART, US  
[71] PRESS, STUART, US  
[71] HODER, HAROLD, US  
[85] 2001-03-23  
[86] 1999-09-24 (PCT/US99/22639)  
[87] 2000-04-06 (WO00/18270)  
[30] US (09/160,651) 1998-09-25

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[21] **2,345,318**  
[13] A1  
[51] **Int.Cl. 7H01B 7/28 7D06M 15/03 7C03C 25/10 7G02B 6/44**  
[25] EN  
[54] **FIBER COATED WITH WATER BLOCKING MATERIAL**  
[54] **FIBRE REVETUE DE MATERIAU IMPERMEABLE**  
[72] REBOUILLAT, SERGE, FR  
[72] PFISTER, FRIEDRICH V., CH  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-03-26  
[86] 1999-11-22 (PCT/US99/27558)  
[87] 2000-06-02 (WO00/31752)  
[30] US (60/109,719) 1998-11-24  
[30] US (09/443,695) 1999-11-19

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[21] **2,345,319**  
[13] A1  
[51] **Int.Cl. 7H01M 4/02 7H01C 7/02 7H01M 10/40**  
[25] EN  
[54] **COMPOSITE ELECTRODE INCLUDING PTC POLYMER**  
[54] **ELECTRODE COMPOSITE COMPRENANT UN POLYMERE PTC**  
[72] DASGUPTA, SANKAR, CA  
[72] JACOBS, JAMES K., CA  
[71] DASGUPTA, SANKAR, CA  
[71] JACOBS, JAMES K., CA  
[85] 2001-03-23  
[86] 1999-09-21 (PCT/CA99/00863)  
[87] 2000-04-06 (WO00/19552)  
[30] US (09/161,664) 1998-09-29

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[21] **2,345,320**  
[13] A1  
[51] **Int.Cl. 7G11B 20/04**  
[25] EN  
[54] **DEVICE CUSTOMIZED HOME NETWORK TOP-LEVEL INFORMATION ARCHITECTURE**  
[54] **ARCHITECTURE D'INFORMATION DE NIVEAU SUPERIEUR POUR RESEAU DOMOTIQUE PERSONNALISEE EN FONCTION DE DISPOSITIFS**  
[72] WANG, DONGYAN, US  
[72] HUMPLEMAN, RICHARD, US  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2001-03-26  
[86] 2000-07-27 (PCT/KR00/00820)  
[87] 2001-02-01 (WO01/08150)  
[30] US (60/146,101) 1999-07-27  
[30] US (60/149,515) 1999-08-17  
[30] US (09/592,598) 2000-06-12

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[21] **2,345,322**  
[13] A1  
[51] **Int.Cl. 7A61B 10/00**  
[25] EN  
[54] **DEVICE FOR MONITORING FERTILITY IN WOMEN BY OBSERVING PHYSICAL CHANGES IN BODY FLUIDS**  
[54] **DISPOSITIF POUR CONTROLER LA FERTILITE CHEZ LA FEMME PAR UNE OBSERVATION DES CHANGEMENTS PHYSIQUES DANS DES FLUIDES CORPORELS**  
[72] WEISSMAHR, JOSEPH A., CH  
[71] SIGMA-TAU HEALTHSCIENCE S.P.A., IT  
[85] 2001-03-26  
[86] 2000-07-25 (PCT/IT00/00314)  
[87] 2001-02-01 (WO01/06932)  
[30] CH (1381/99) 1999-07-27

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[21] **2,345,323**  
[13] A1

[51] **Int.Cl. 7A21D 15/00 7A21C 15/02 7A21D 13/08**  
[25] EN  
[54] **PROCESS FOR PRODUCING A WAFER PRODUCT, UNIT FOR IMPLEMENTING SAID PROCESS, AND WAFER PRODUCT PRODUCED ACCORDING TO SAID PROCESS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE FABRIQUER UNE GAUFRE, ET GAUFRE FABRIQUEE SELON LEDIT PROCEDE**  
[72] DRAGANITSCH, KARL, AT  
[72] FILA, RUDOLF, AT  
[71] MASTER FOODS AUSTRIA GESELLSCHAFT M.B.H., AT  
[85] 2001-03-23  
[86] 1999-09-09 (PCT/AT99/00219)  
[87] 2000-04-13 (WO00/19829)  
[30] AT (A 1633/98) 1998-10-01

[21] **2,345,324**  
[13] A1

[51] **Int.Cl. 7G11B 20/04**  
[25] EN  
[54] **DEVICE DISCOVERY AND CONTROL IN A BRIDGED HOME NETWORK**  
[54] **DECOUVERTE ET COMMANDE D'UN DISPOSITIF DANS UN RESEAU FAMILIAL EN PONT**  
[72] WANG, DONGYAN, US  
[72] HUMPLEMAN, RICHARD, US  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2001-03-26  
[86] 2000-07-27 (PCT/KR00/00823)  
[87] 2001-02-01 (WO01/08153)  
[30] US (60/146,101) 1999-07-27  
[30] US (60/149,515) 1999-08-17  
[30] US (09/592,596) 2000-06-12

[21] **2,345,325**  
[13] A1

[51] **Int.Cl. 6C08J 3/02**  
[25] EN  
[54] **AQUEOUS BASED DISPERSIONS FOR POLYOLEFINIC SUBSTRATES**  
[54] **DISPERSIONS A BASE AQUEUSE POUR SUBSTRATS POLYOLEFINIQUES**  
[72] WILL, MARTIN JOSEPH II, US  
[72] O'CALLAGHAN, KEVIN JUDE, US  
[72] RIDDICK, WAYNE TAYLOR, US  
[72] COAD, MICHAEL DAVIS, US  
[71] MCWHORTER TECHNOLOGIES, INC., US  
[85] 2001-03-23  
[86] 1999-09-15 (PCT/US99/21387)  
[87] 2000-04-06 (WO00/18827)  
[30] US (09/161,145) 1998-09-25  
[30] US (09/160,843) 1998-09-25  
[30] US (09/268,279) 1999-03-15

[21] **2,345,328**  
[13] A1

[51] **Int.Cl. 6H05B 3/34 6H05B 1/00 6H02H 5/04 6H05B 3/10**  
[25] EN  
[54] **MULTI-CONDUCTOR SOFT HEATING ELEMENT**  
[54] **ELEMENT CHAUFFANT SOUPLE MULTICONDUCTEUR**  
[72] KOCHMAN, ARKADY, US  
[72] GUREVICH, ARTHUR, US  
[71] KOCHMAN, ARKADY, US  
[71] GUREVICH, ARTHUR, US  
[85] 2001-03-23  
[86] 1999-09-24 (PCT/US99/22140)  
[87] 2000-04-06 (WO00/19773)  
[30] US (09/160,540) 1998-09-25  
[30] US (09/309,917) 1999-05-11

[21] **2,345,332**  
[13] A1

[51] **Int.Cl. 7C08G 65/32 7C07K 1/04 7C08F 283/06 7C08G 65/26**  
[25] EN  
[54] **PEG-BASED MACROMONOMERS, CHEMICALLY INERT POLYMERS PREPARED THEREFROM AND THE USE OF THESE POLYMERS FOR ORGANIC SYNTHESIS AND ENZYME REACTIONS**  
[54] **MACROMONOMERES A BASE DE PEG, POLYMERES INERTES AU PLAN CHIMIQUE, PREPARES A PARTIR DESDITS MACROMONOMERES ET UTILISATION DESDITS POLYMERES POUR LA SYNTHESE ORGANIQUE ET LES REACTIONS ENZYMATIQUES**  
[72] MELDAL, MORTEN, DK  
[72] BUCHARDT, JENS, DK  
[72] RADEMANN, JORG, DK  
[71] CARLSBERG A/S, DK  
[85] 2001-03-23  
[86] 1999-09-28 (PCT/DK99/00508)  
[87] 2000-04-06 (WO00/18823)  
[30] DK (PA 1998 01224) 1998-09-28

[21] **2,345,335**  
[13] A1

[51] **Int.Cl. 7G01M 3/02 7G01M 3/28**  
[25] EN  
[54] **APPARATUS FOR ISOLATING OR TESTING A PIPE SEGMENT**  
[54] **APPAREIL POUR L'ISOLEMENT OU L'ESSAI D'UN TRONCON DE TUYAU**  
[72] CARSON, GLENN, CA  
[72] BERUBE, GUY, CA  
[71] CARSON, GLENN, CA  
[71] BERUBE, GUY, CA  
[85] 2001-03-23  
[86] 1999-09-23 (PCT/CA99/00859)  
[87] 2000-03-30 (WO00/17619)  
[30] US (09/159,226) 1998-09-23



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[21] **2,345,338**  
[13] A1  
[51] **Int.Cl. 7H04Q 3/00**  
[25] EN  
[54] **TELECOMMUNICATION SERVICES**  
[54] **SERVICES DE TELECOMMUNICATIONS**  
[72] PREISS, BRUNO P., CA  
[72] STUMM, MICHAEL, CA  
[72] DE SIMONE, MAURICIO, CA  
[72] SNELGROVE, WILLIAM MARTIN, CA  
[71] SOMA NETWORKS, INC., CA  
[85] 2001-03-23  
[86] 1999-09-24 (PCT/CA99/00873)  
[87] 2000-04-06 (WO00/19735)  
[30] US (60/101,857) 1998-09-25  
[30] CA (2,264,407) 1999-03-04

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[21] **2,345,340**  
[13] A1  
[51] **Int.Cl. 7A61K 6/033 7A61L 27/00 7C04B 35/645**  
[25] EN  
[54] **BIOACTIVE COMPOSITE MATERIALS AND METHOD OF PRODUCING THE SAME**  
[54] **MATERIAUX COMPOSITES BIOLOGIQUEMENT ACTIFS ET PROCEDE DE PRODUCTION**  
[72] ADOLFSSON, ERIK, SE  
[72] HERMANSSON, LEIF, SE  
[71] DOXA CERTEX AKTIEBOLAG, SE  
[85] 2001-03-23  
[86] 1999-09-29 (PCT/SE99/01729)  
[87] 2000-04-13 (WO00/19965)  
[30] SE (9803385-5) 1998-10-02

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[21] **2,345,343**  
[13] A1  
[51] **Int.Cl. 7C11D 10/04 7C11D 17/00**  
[25] EN  
[54] **NON-MOLTEN-MIX PROCESS FOR MAKING BAR COMPRISING ACYL ISETHIONATE BASED SOLIDS, SOAP AND OPTIONAL FILLER**  
[54] **PROCEDE DE MELANGE SANS FUSION SERVANT A PRODUIRE DES BARRES CONTENANT DES SOLIDES A BASE D'ACYLISETHIONATE, SAVON ET CHARGE EVENTUELLE**  
[72] RATTINGER, GAIL BETH, US  
[72] LANG, DAVID JOHN, US  
[72] PETKO, MICHAEL FRANCIS, US  
[72] FARRELL, TERENCE JAMES, US  
[72] SHAFER, GEORGIA LYNN, US  
[72] MASSARO, MICHAEL, US  
[72] RATUISTE, FLORENCIO, US  
[71] UNILEVER PLC, GB  
[85] 2001-03-23  
[86] 1999-09-14 (PCT/EP99/06994)  
[87] 2000-03-30 (WO00/17302)  
[30] US (09/159,054) 1998-09-23

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[21] **2,345,406**  
[13] A1  
[51] **Int.Cl. 7A61K 31/445 7A61K 31/47**  
[25] EN  
[54] **ANALGESICS**  
[54] **ANALGESIQUES**  
[72] SASAKI, ATSUSHI, JP  
[72] YOSHIKAWA, YUKIE, JP  
[72] KITAZAWA, NORITAKA, JP  
[72] UENO, KOHSHI, JP  
[72] MATSUNAGA, MANABU, JP  
[72] OKABE, TADASHI, JP  
[72] TAKAHASHI, KEIKO, JP  
[72] KAWANO, KOKI, JP  
[71] EISAI CO., LTD., JP  
[85] 2001-03-26  
[86] 1999-10-19 (PCT/JP99/05761)  
[87] 2000-04-27 (WO00/23075)  
[30] JP (10/296681) 1998-10-19

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[21] **2,345,407**  
[13] A1  
[51] **Int.Cl. 6C07K 1/02 6C07K 1/04 6C07K 1/107 6C07K 5/12 6C07K 7/64**  
[25] EN  
[54] **SYNTHESIS OF CYCLIC PEPTIDES**  
[54] **SYNTHESE DE PEPTIDES CYCLIQUES**  
[72] SMYTHE, MARK LESLIE, AU  
[72] MCGEARY, ROSS PETER, AU  
[72] BOURNE, GREGORY THOMAS, AU  
[72] MEUTERMANS, WIM DENIS FRANS, AU  
[71] THE UNIVERSITY OF QUEENSLAND, AU  
[85] 2001-03-26  
[86] 1999-09-24 (PCT/AU99/00813)  
[87] 2000-04-06 (WO00/18790)  
[30] AU (PP 6164) 1998-09-25

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[21] **2,345,408**  
[13] A1  
[51] **Int.Cl. 7A61K 48/00**  
[25] EN  
[54] **REMOVAL OF PREEXISTING ANTIBODIES TO ENHANCE THE EFFECTIVENESS OF A THERAPEUTIC VIRAL IMMUNOGENIC AGENT**  
[54] **PROCEDES DESTINES A RENDRE PLUS EFFICACE L'ADMINISTRATION D'AGENTS VIRAUX THERAPEUTIQUES IMMUNOGENES**  
[72] CHEN, YU, US  
[72] YU, DE-CHAO, US  
[72] HENDERSON, DANIEL R., US  
[71] CALYDON, INC., US  
[85] 2001-03-26  
[86] 1999-10-07 (PCT/US99/23676)  
[87] 2000-04-13 (WO00/20041)  
[30] US (60/103,445) 1998-10-07  
[30] US (09/413,044) 1999-10-06

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[13] A1  
[51] **Int.Cl. 7A61K 31/192 7A61P 41/00 7A61P 9/10 7A61K 31/198**  
[25] EN  
[54] **PHENYLACETIC ACID COMPOSITIONS FOR TREATING OR PREVENTING ATHEROSCLEROSIS AND RESTENOSIS**  
[54] **COMPOSITIONS D'ACIDE PHENYLACETIQUE POUR LE TRAITEMENT OU LA PREVENTION DE L'ATHEROSCLEROSE ET DE LA RESTENOSE**  
[72] BURZYNSKI, STANISLAW R., US  
[71] BURZYNSKI, STANISLAW R., US  
[85] 2001-03-26  
[86] 1999-11-19 (PCT/US99/27480)  
[87] 2000-06-02 (WO00/30627)  
[30] US (09/197,903) 1998-11-23

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[21] **2,345,411**  
[13] A1  
[51] **Int.Cl. 7C21B 13/10**  
[25] EN  
[54] **METHOD FOR PRODUCING DIRECTLY REDUCED, DESULFURIZED IRON**  
[54] **PROCEDE DE PRODUCTION DE FER DIRECTEMENT REDUIT DESULFURE**  
[72] ROTH, JEAN-LUC, FR  
[72] HANSMANN, THOMAS, DE  
[72] SOLVI, MARC, LU  
[72] FRIEDEN, ROMAIN, LU  
[71] PAUL WURTH S.A., LU  
[85] 2001-03-27  
[86] 1999-11-04 (PCT/EP99/08440)  
[87] 2000-05-18 (WO00/28095)  
[30] LU (90314) 1998-11-05

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[21] **2,345,412**  
[13] A1  
[51] **Int.Cl. 7C21B 13/10 7C22B 7/02**  
[25] EN  
[54] **METHOD FOR THE HEAT TREATMENT OF RESIDUES CONTAINING HEAVY METALS**  
[54] **PROCEDE DE TRAITEMENT THERMIQUE DE MATIERES RESIDUELLES CONTENANT DES METAUX LOURDS**  
[72] HANSMANN, THOMAS, DE  
[72] ROTH, JEAN-LUC, FR  
[72] SOLVI, MARC, LU  
[72] FRIEDEN, ROMAIN, LU  
[71] PAUL WURTH S.A., LU  
[85] 2001-03-27  
[86] 1999-11-04 (PCT/EP99/08439)  
[87] 2000-05-18 (WO00/28094)  
[30] LU (90315) 1998-11-05

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[21] **2,345,413**  
[13] A1  
[51] **Int.Cl. 7G06K 11/18 7G06F 3/02**  
[25] EN  
[54] **SENSOR AND CIRCUIT ARCHITECTURE FOR THREE AXIS STRAIN GAUGE POINTING DEVICE AND FORCE TRANSDUCER**  
[54] **ARCHITECTURE DE CIRCUIT ET DE CAPTEUR POUR UN POINTEUR A JAUGE DE CONTRAINTES A TROIS AXES ET TRANSDUCTEUR DE FORCE**  
[72] CHEAL, BLAKE, US  
[72] MANARA, ALAN, US  
[72] SCOFIELD, MICHAEL C., US  
[71] BOURNS INC., US  
[85] 2001-03-27  
[86] 1999-11-16 (PCT/US99/27127)  
[87] 2000-05-25 (WO00/30027)  
[30] US (09/195,345) 1998-11-18

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[21] **2,345,414**  
[13] A1  
[51] **Int.Cl. 7A61K 38/02 7A61P 27/02**  
[25] EN  
[54] **EYEDROPS FOR PROMOTING LACRIMAL SECRETION OR TREATING KERATOCONJUNCTIVAL DISORDERS CONTAINING NATRIURETIC PEPTIDE AS ACTIVE INGREDIENT**  
[54] **GOUTTES OPHTALMOLOGIQUES CONTENANT DES PEPTIDES NATRIURETIQUES COMME PRINCIPES ACTIFS AFIN DE PROMOUVOIR LA SECRETION LACRYMALE OU POUR TRAITER LA KERATOCONJONCTIVITE**  
[72] NAKATA, KATSUHIKO, JP  
[72] NAKAMURA, MASATSUGU, JP  
[71] SANTEN PHARMACEUTICAL CO., LTD., JP  
[85] 2001-03-27  
[86] 1999-09-24 (PCT/JP99/05239)  
[87] 2000-04-06 (WO00/18422)  
[30] JP (10/273332) 1998-09-28

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[21] **2,345,415**  
[13] A1  
[51] **Int.Cl. 7A61K 35/78 7A61P 25/06**  
[25] EN  
[54] **PHARMACEUTICALLY ACTIVE PLANT PREPARATION FOR THE TREATMENT OF MIGRAINE**  
[54] **PREPARATION VEGETALE D'ACTION PHARMACEUTIQUE DESTINEE AU TRAITEMENT DE MIGRAINES**  
[72] SPIESS, STEFAN, DE  
[71] HEXAL AG, DE  
[85] 2001-03-27  
[86] 1999-09-22 (PCT/EP99/07045)  
[87] 2000-04-06 (WO00/18415)  
[30] DE (198 44 836.8) 1998-09-30

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[21] **2,345,417**  
[13] A1  
[51] **Int.Cl. 7A61F 13/00**  
[25] EN  
[54] **A WOUND DRESSING**  
[54] **PANSEMENT**  
[72] MOUTON, JOHANNES PETRUS, ZA  
[71] MOUTON, JOHANNES PETRUS, ZA  
[85] 2001-03-27  
[86] 1999-09-23 (PCT/IB99/01570)  
[87] 2000-04-06 (WO00/18343)  
[30] ZA (98/8838) 1998-09-28

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[21] **2,345,436**  
[13] A1

[51] **Int.Cl. 7C09J 153/00 7C09J 153/02 7D06M 15/227**  
[25] EN  
[54] **HOT MELT ADHESIVE COMPOSITION INCLUDING SURFACTANT**  
[54] **COMPOSITION ADHESIVE THERMOFUSIBLE RENFERMANT UN AGENT TENSIO-ACTIF**  
[72] KROLL, MARK S., US  
[71] H.B. FULLER LICENSING & FINANCING, INC., US  
[85] 2001-03-26  
[86] 1999-10-08 (PCT/US99/23538)  
[87] 2000-04-20 (WO00/22061)  
[30] US (60/103,675) 1998-10-09

[21] **2,345,437**  
[13] A1

[51] **Int.Cl. 7C08L 51/04 7C08L 25/00 7C08L 55/02**  
[25] EN  
[54] **ANTISTATIC FINISHED THERMOPLASTIC MOLDING MATERIALS WITH IMPROVED PROPERTIES**  
[54] **MATIERES MOULABLES THERMOPLASTIQUES ANTISTATIQUES A PROPRIETES AMELIOREES**  
[72] EICHENAUER, HERBERT, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2001-03-26  
[86] 1999-09-17 (PCT/EP99/06883)  
[87] 2000-04-06 (WO00/18841)  
[30] DE (198 44 496.6) 1998-09-29

[21] **2,345,438**  
[13] A1

[51] **Int.Cl. 7G01N 33/543**  
[25] EN  
[54] **MICROARRAY SYSTEM AND PROCESS FOR PERFORMING BIOCHEMICAL REACTIONS**  
[54] **SYSTEME ET PROCEDE DE MICRORESEAUX DESTINES A L'EXECUTION DE REACTIONS BIOCHIMIQUES**  
[72] MALMQUIST, MATS, SE  
[71] PICRON MICROARRAY AB, SE  
[85] 2001-03-26  
[86] 1999-10-12 (PCT/SE99/01836)  
[87] 2000-04-20 (WO00/22435)  
[30] SE (9803469-7) 1998-10-12

[21] **2,345,439**  
[13] A1

[51] **Int.Cl. 7A61M 5/145**  
[25] EN  
[54] **COMPACT PUMP DRIVE SYSTEM**  
[54] **SYSTEME D'ENTRAINEMENT COMPACT POUR POMPE**  
[72] MOBERG, SHELDON, US  
[71] MINIMED INC., US  
[85] 2001-03-26  
[86] 1999-10-28 (PCT/US99/25414)  
[87] 2000-05-11 (WO00/25844)  
[30] US (60/106,237) 1998-10-29

[21] **2,345,442**  
[13] A1

[51] **Int.Cl. 7C12N 15/37 7A01K 67/027 7C12N 5/16 7C12N 5/18 7C12N 15/63**  
[25] EN  
[54] **ESTABLISHED CELLS**  
[54] **CELLULES ETABLIES**  
[72] UEDA, MASATSUGU, JP  
[72] HOSOYA, KENICHI, JP  
[72] OBINATA, MASUO, JP  
[72] TERASAKI, TETSUYA, JP  
[71] YS NEW TECHNOLOGY INSTITUTE INC., JP  
[85] 2001-03-26  
[86] 1999-10-01 (PCT/JP99/05423)  
[87] 2000-04-13 (WO00/20599)  
[30] JP (10/296138) 1998-10-02  
[30] JP (10/296139) 1998-10-02

[21] **2,345,443**  
[13] A1

[51] **Int.Cl. 7G06F 17/50**  
[25] EN  
[54] **APPROACH FOR ROUTING AN INTEGRATED CIRCUIT**  
[54] **PROCEDE DE ROUTAGE D'UN CIRCUIT INTEGRE**  
[72] CHAPMAN, DAVID C., US  
[71] CHAPMAN, DAVID C., US  
[85] 2001-03-26  
[86] 1999-10-19 (PCT/US99/24454)  
[87] 2000-04-27 (WO00/23920)  
[30] US (60/104,872) 1998-10-19  
[30] US (60/139,532) 1999-06-16

[21] **2,345,444**  
[13] A1

[51] **Int.Cl. 7G01R 33/30**  
[25] EN  
[54] **A FLOW-THROUGH NMR PROBE HAVING A REPLACEABLE NMR FLOW TUBE**  
[54] **SONDE RMN A ECOULEMENT CONTINU COMPRENANT UN TUBE D'ECOULEMENT RMN AMOVIBLE**  
[72] LEE, JUSTINE Y., US  
[72] HANER, RONALD L., US  
[71] VARIAN, INC., US  
[85] 2001-03-26  
[86] 2000-07-12 (PCT/US00/18888)  
[87] 2001-02-01 (WO01/07927)  
[30] US (09/361,658) 1999-07-27

[21] **2,345,447**  
[13] A1

[51] **Int.Cl. 7H05B 37/00**  
[25] EN  
[54] **SYSTEM FOR PROMOTING PASSIVE END OF LIFE LIGHT SOURCE FAILURE**  
[54] **SYSTEME PERMETTANT DE FAVORISER UN GRILLAGE PASSIF D'UNE SOURCE LUMINEUSE EN FIN DE VIE**  
[72] GREEN, JOHN D., US  
[71] NSI ENTERPRISES, INC., US  
[85] 2001-03-26  
[86] 2000-05-17 (PCT/US00/13558)  
[87] 2000-11-30 (WO00/72639)  
[30] US (09/315,614) 1999-05-20

[21] **2,345,448**  
[13] A1

[51] **Int.Cl. 7C07C 51/43 7C07C 63/00 7C07C 63/26 7C07C 51/487**  
[25] EN  
[54] **IMPROVED PROCESS FOR PRODUCING HIGHLY PURE AROMATIC CARBOXYLIC ACIDS**  
[54] **PROCEDE AMELIORE POUR LA PRODUCTION D'ACIDES CARBOXYLIQUES AROMATIQUES TRES PURS**  
[72] HSU, YU-WEI, TW  
[72] LIN, CHEN-LONG, TW  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2001-03-26  
[86] 1999-11-22 (PCT/US99/27559)  
[87] 2000-06-08 (WO00/32548)  
[30] US (09/201,634) 1998-11-30

[21] **2,345,449**  
[13] A1

[51] **Int.Cl. 7G01R 33/30**  
[25] EN  
[54] **A FLOW-THROUGH NMR PROBE HAVING A REPLACEABLE NMR FLOW TUBE**  
[54] **SONDE RMN A ECOULEMENT CONTINU COMPRENANT UN TUBE D'ECOULEMENT RMN AMOVIBLE**  
[72] LEE, JUSTINE Y., US  
[72] HANER, RONALD L., US  
[71] VARIAN, INC., US  
[85] 2001-03-26  
[86] 2000-07-12 (PCT/US00/18888)  
[87] 2001-02-01 (WO01/07927)  
[30] US (09/361,658) 1999-07-27

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[21] **2,345,492**  
[13] A1  
[51] **Int.Cl. 7A61F 7/02 7A61F 13/00 7A61L 15/00 7A61M 37/00 7A61F 13/02 7A01N 25/34**  
[25] EN  
[54] **METHODS AND APPARATUS FOR IMPROVED ADMINISTRATION OF PHARMACEUTICALLY ACTIVE COMPOUNDS**  
[54] **PROCEDES ET DISPOSITIFS SERVANT A AMELIORER L'ADMINISTRATION DE COMPOSES ACTIFS SUR LE PLAN PHARMACEUTIQUE**  
[72] ZHANG, HAO, US  
[72] ZHANG, JIE, US  
[71] ZARS, INC., US  
[85] 2001-03-29  
[86] 1999-09-29 (PCT/US99/22698)  
[87] 2000-04-06 (WO00/18339)  
[30] US (09/162,890) 1998-09-29  
[30] US (09/317,313) 1999-05-24  
[30] US (09/317,372) 1999-05-24

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[21] **2,345,494**  
[13] A1  
[51] **Int.Cl. 6A61F 7/02 6A61F 13/00 6A61L 15/00 6A61F 13/02 6A01N 25/34**  
[25] EN  
[54] **METHODS AND APPARATUS FOR IMPROVED ADMINISTRATION OF FENTANYL AND SUFENTANIL**  
[54] **PROCEDE ET APPAREIL D'ADMINISTRATION DE FENTANYL ET DE SUFFENTANIL**  
[72] ZHANG, JIE, US  
[72] ZHANG, HAO, US  
[71] ZARS, INC., US  
[85] 2001-03-29  
[86] 1999-09-15 (PCT/US99/21140)  
[87] 2000-04-06 (WO00/18338)  
[30] US (09/162,587) 1998-09-29

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[21] **2,345,529**  
[13] A1  
[51] **Int.Cl. 7G10L 19/00**  
[25] EN  
[54] **VOICE COMMUNICATION BY PHONEME RECOGNITION AND TEXT TO SPEECH**  
[54] **COMMUNICATION VOCALE PAR RECONNAISSANCE DE PHONEME ET LIAISON TEXTE A PAROLE**  
[72] LEVITON, DAN'L, US  
[72] ISENBERG, HENRI, US  
[71] SYMANTEC CORPORATION, US  
[85] 2001-03-29  
[86] 1999-09-28 (PCT/US99/22630)  
[87] 2000-04-06 (WO00/19412)  
[30] US (09/165,020) 1998-09-30

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[21] **2,345,531**  
[13] A1  
[51] **Int.Cl. 6E05B 65/46**  
[25] EN  
[54] **FILE INTERLOCK SYSTEM AND MECHANISM**  
[54] **SYSTEME ET MECANISME DE BLOCAGE DE FICHIERS**  
[72] LAMMENS, ARTHUR E., US  
[71] ACCURIDE INTERNATIONAL INC., US  
[85] 2001-03-29  
[86] 1999-10-14 (PCT/US99/23884)  
[87] 2000-04-20 (WO00/22266)  
[30] US (60/104,290) 1998-10-14  
[30] US (09/384,311) 1999-08-26

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[21] **2,345,532**  
[13] A1  
[51] **Int.Cl. 7A61F 2/00 7A61F 13/00**  
[25] EN  
[54] **DELIVERY OF PHOSPHOINOSITIDE POLYPHOSPHATES INTO CELLS**  
[54] **ADMINISTRATION DE POLYPHOSPHATES PHOSPHOINOSITIDES DANS LES CELLULES**  
[72] PRESTWICH, GLENN D., US  
[72] OZAKI, SHOICHIRO, US  
[72] SHOPE, JOSEPH, US  
[72] DEWALD, DARYLL B., US  
[71] UTAH STATE UNIVERSITY, US  
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US  
[85] 2001-03-29  
[86] 1999-09-29 (PCT/US99/22594)  
[87] 2000-04-06 (WO00/18949)  
[30] US (60/102,482) 1998-09-30  
[30] US (09/396,296) 1999-09-15

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[21] **2,345,535**  
[13] A1  
[51] **Int.Cl. 7A61M 1/36 7B01D 69/12 7B01D 61/18**  
[25] EN  
[54] **BIOLOGICAL FLUID FILTER AND SYSTEM**  
[54] **FILTRE POUR LIQUIDE BIOLOGIQUE ET SYSTEME CORRESPONDANT**  
[72] SELMAN, BYRON, US  
[72] DELGIACCO, GERARD R., US  
[72] BORMANN, THOMAS J., US  
[71] PALL CORPORATION, US  
[85] 2001-03-29  
[86] 1999-09-29 (PCT/US99/22478)  
[87] 2000-04-13 (WO00/20053)  
[30] US (60/102,973) 1998-10-02

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[21] **2,345,536**  
[13] A1  
[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **ASYNCHRONOUS TRANSFER ON THE CELLULAR RADIO LINK**  
[54] **TRANSFERT ASYNCHRONE VIA UNE LIAISON RADIO CELLULAIRE**  
[72] RAHMAN, AKBAR, CA  
[72] KATINAKIS, NIKOS, SE  
[72] JOONG, DONALD, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2001-03-29  
[86] 1999-10-05 (PCT/SE99/01768)  
[87] 2000-04-27 (WO00/24217)  
[30] US (09/177,201) 1998-10-22

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[21] **2,345,537**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **A ROUTING ARRANGEMENT**  
[54] **DISPOSITIF D'ACHEMINEMENT**  
[72] SHEAFOR, STEPHEN J., US  
[72] KOERNER, CHRISTOPHER, US  
[72] LINCOLN, BRADFORD C., US  
[72] HUIE, JONATHAN L., US  
[72] SUGAR, ROBERT, US  
[71] SITERA, INC., US  
[85] 2001-03-27  
[86] 1999-09-17 (PCT/US99/21553)  
[87] 2000-04-06 (WO00/19671)  
[30] US (09/161,923) 1998-09-28

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## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,345,538</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 7/50 7H04N 7/26</b> [25] EN [54] <b>METHOD AND APPARATUS FOR PROVIDING RATE CONTROL IN A VIDEO ENCODER</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT D'AGIR SUR LA VITESSE D'UN CODEUR VIDEO</b> [72] WU, SIU-WAI, US [71] GENERAL INSTRUMENT CORPORATION, US [85] 2001-03-29 [86] 1999-09-29 (PCT/US99/22663) [87] 2000-04-13 (WO00/21302) [30] US (60/102,800) 1998-10-02</p>	<p style="text-align: right;">[21] <b>2,345,541</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F16K 15/14</b> [25] EN [54] <b>NON-RETURN VALVE</b> [54] <b>CLAPET ANTI-RETOUR</b> [72] ROFFELSEN, FRANCISCUS, NL [71] SPIRO RESEARCH B.V., NL [85] 2001-03-27 [86] 1999-09-29 (PCT/NL99/00605) [87] 2000-04-06 (WO00/19134) [30] NL (1010223) 1998-09-30</p>	<p style="text-align: right;">[21] <b>2,345,544</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06T 9/00</b> [25] EN [54] <b>METHOD AND ARRAY FOR PROCESSING A DIGITIZED IMAGE WITH IMAGE POINTS</b> [54] <b>PROCEDE ET SYSTEME DE TRAITEMENT D'UNE IMAGE NUMERISEE DOTEE DE POINTS D'IMAGES</b> [72] PANDEL, JURGEN, DE [72] BASE, GERO, DE [72] OERTEL, NORBERT, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2001-03-27 [86] 1999-09-01 (PCT/DE99/02763) [87] 2000-04-06 (WO00/19373) [30] DE (198 44 664.0) 1998-09-29</p>
<p style="text-align: right;">[21] <b>2,345,540</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 12/00 7G06F 17/30</b> [25] EN [54] <b>COMPUTER-READABLE RECORDED MEDIUM ON WHICH IMAGE FILE IS RECORDED, DEVICE FOR PRODUCING THE RECORDED MEDIUM, MEDIUM ON WHICH IMAGE FILE CREATING PROGRAM IS RECORDED, DEVICE FOR TRANSMITTING IMAGE FILE, DEVICE FOR PROCESSING IMAGE FILE, AND MEDIUM ON WHICH IMAGE FILE PROCESSING PROGRAM IS RECORDED</b> [54] <b>SUPPORT INFORMATIQUE POUR FICHIER D'IMAGES ET DISPOSITIF DE PRODUCTION, SUPPORT POUR PROGRAMME DE CREATION DE FICHIER D'IMAGES, DISPOSITIF DE TRANSMISSION ET DISPOSITIF DE TRAITEMENT DE FICHIER D'IMAGES ET SUPPORT POUR PROGRAMME DE TRAITEMENT DE FICHIER D'IMAGES</b> [72] FUJITA, TAKESHI, JP [72] FUJIKAWA, YASUFUMI, JP [72] ENDOH, HITOSHI, JP [72] HATTA, NARIAKI, JP [71] SONY CORPORATION, JP [71] VISIONARTS, INC., JP [85] 2001-03-29 [86] 2000-08-03 (PCT/JP00/05228) [87] 2001-02-08 (WO01/09726) [30] JP (11/220385) 1999-08-03 [30] JP (11/298958) 1999-10-21 [30] JP (2000/79182) 2000-03-21</p>	<p style="text-align: right;">[21] <b>2,345,542</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60D 1/62 6B60Q 1/00 6G08G 1/16</b> [25] EN [54] <b>SYSTEM WITH LIGHT DISPLAY AND DATA RECORDER FOR MONITORING VEHICLE IN RELATION TO ADJACENT VEHICLE</b> [54] <b>SYSTEME A PANNEAU LUMINEUX ET ENREGISTREMENT DE DONNEES SURVEILLANT UN VEHICULE DANS SES RAPPORTS AVEC UN VEHICULE VOISIN</b> [72] PIGNATO, GARY D., US [71] PIGNATO, GARY D., US [85] 2001-03-27 [86] 1999-09-23 (PCT/US99/21270) [87] 2000-04-06 (WO00/18594) [30] US (60/102,313) 1998-09-29 [30] US (09/401,441) 1999-09-22</p>	<p style="text-align: right;">[21] <b>2,345,546</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 3/033</b> [25] EN [54] <b>DISPLAY CONTROL FOR SOFTWARE NOTES</b> [54] <b>COMMANDE D'AFFICHAGE DE COMMENTAIRES DE LOGICIELS</b> [72] EISENBERG, PETER M., US [71] 3M INNOVATIVE PROPERTIES COMPANY, US [85] 2001-03-27 [86] 1999-08-25 (PCT/US99/19566) [87] 2000-04-06 (WO00/19306) [30] US (09/162,216) 1998-09-28</p>
<p style="text-align: right;">[21] <b>2,345,543</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08L 67/02 7C08L 9/00 7C08L 33/06 7C08L 25/10</b> [25] EN [54] <b>POLYESTER RESIN COMPOSITION</b> [54] <b>COMPOSITION DE RESINE POLYESTER</b> [72] KAWAI, HIDEKI, JP [72] MIYAMOTO, MASAHIRO, JP [72] ONUMA, HISASHI, JP [71] KANEKA CORPORATION, JP [85] 2001-03-27 [86] 2000-07-10 (PCT/JP00/04582) [87] 2001-02-08 (WO01/09244) [30] JP (11/218892) 1999-08-02</p>	<p style="text-align: right;">[21] <b>2,345,547</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B06B 1/04</b> [25] EN [54] <b>ELECTROMAGNETIC DEVICE AND DRIVER CIRCUIT</b> [54] <b>DISPOSITIF ELECTROMAGNETIQUE ET CIRCUIT DE COMMANDE</b> [72] IWASAKI, GUNCHU, JP [72] NAMIOKA, KENTA, JP [71] IWASAKI SEIKI CORPORATION, JP [71] M.T.I. CORPORATION, JP [85] 2001-03-27 [86] 2000-04-11 (PCT/JP00/02346) [87] 2001-02-01 (WO01/07176) [30] JP (11/212533) 1999-07-27</p>	

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[21] **2,345,548**  
[13] A1

[51] **Int.Cl. 7H04N 5/38 7H04N 5/22 7H04N 5/44**  
[25] EN  
[54] **PROGRAM GUIDE PROVIDING DEVICE**  
[54] **DISPOSITIF POUR GUIDE DE PROGRAMME**  
[72] SUGAI, TOYOKAZU, JP  
[72] FUJITA, YUKA, JP  
[72] KATO, YOSHIAKI, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[85] 2001-03-27  
[86] 1999-12-27 (PCT/JP99/07358)  
[87] 2001-02-15 (WO01/11871)  
[30] JP (11/221082) 1999-08-04

[21] **2,345,550**  
[13] A1

[51] **Int.Cl. 7C06B 31/28 7C01C 1/18**  
[25] EN  
[54] **PROCESS FOR PRODUCING PHASE-STABILIZED AMMONIUM NITRATE**  
[54] **PROCEDE POUR PRODUIRE DU NITRATE D'AMMONIUM A PHASES STABILISEES**  
[72] ENGEL, WALTER, DE  
[72] HEINISCH, HERBERT, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSHUNG E.V., DE  
[85] 2001-03-27  
[86] 1999-09-11 (PCT/EP99/06746)  
[87] 2000-04-06 (WO00/18704)  
[30] DE (198 44 350.1) 1998-09-28

[21] **2,345,572**  
[13] A1

[51] **Int.Cl. 7C11D 3/22 7D06M 15/03 7D06M 15/05 7A61K 7/06 7A61K 7/16 7A61K 7/48**  
[25] EN  
[54] **TREATMENT FOR SUBSTRATES**  
[54] **TRAITEMENT POUR SUBSTRATS**  
[72] JONES, CHRISTOPHER CLARKSON, GB  
[72] CLARK, JUDITH MARY, GB  
[72] HOPKINSON, ANDREW, GB  
[72] KHOSHDEL, EZAT, GB  
[71] UNILEVER PLC, GB  
[85] 2001-03-27  
[86] 1999-09-23 (PCT/EP99/07423)  
[87] 2000-04-06 (WO00/18861)  
[30] GB (9821217.8) 1998-09-30

[21] **2,345,573**  
[13] A1

[51] **Int.Cl. 7C11D 3/22 7D06M 15/05 7D06M 15/07 7C11D 3/10 7C11D 3/20**  
[25] EN  
[54] **TREATMENT FOR FABRICS**  
[54] **TRAITEMENT POUR TEXTILES**  
[72] JONES, CHRISTOPHER CLARKSON, GB  
[72] WARR, JONATHAN FRANK, GB  
[72] CHANZY, HENRI, FR  
[72] HOPKINSON, ANDREW, GB  
[72] FLEURY, ETIENNE, FR  
[72] CLARK, JUDITH MARY, GB  
[72] LANCELON-PIN, CHRISTINE, FR  
[72] JOUBERT, DANIEL, FR  
[72] DAVID, CLAIRE, FR  
[71] UNILEVER PLC, GB  
[85] 2001-03-27  
[86] 1999-09-23 (PCT/EP99/07422)  
[87] 2000-04-06 (WO00/18860)  
[30] GB (9821214.5) 1998-09-30  
[30] FR (98/12681) 1998-10-09

[21] **2,345,574**  
[13] A1

[51] **Int.Cl. 7C11D 3/22 7D06M 15/03 7D06M 15/05**  
[25] EN  
[54] **TREATMENT FOR FABRICS**  
[54] **TRAITEMENT DE TISSUS**  
[72] JONES, PETER NEIL, GB  
[72] COOKE, DEBORAH JANE, GB  
[72] KHOSHDEL, EZAT, GB  
[72] BIJSTERBOSCH, HENRI DERK, GB  
[71] UNILEVER PLC, GB  
[85] 2001-03-27  
[86] 1999-09-23 (PCT/EP99/07424)  
[87] 2000-04-06 (WO00/18862)  
[30] GB (9821218.6) 1998-09-30

[21] **2,345,575**  
[13] A1

[51] **Int.Cl. 7E21B 17/042**  
[25] EN  
[54] **THREAD COUPLING FOR A DRILL STRING FOR PERCUSSIVE ROCK DRILLING**  
[54] **TRAIN DE TIGES A RACCORDS FILETES POUR PERCAGE A PERCUSSION DANS LA ROCHE**  
[72] SANDSTROM, ROGER, SE  
[71] UNIROC AB, SE  
[85] 2001-03-27  
[86] 1999-09-22 (PCT/SE99/01652)  
[87] 2000-04-06 (WO00/19056)  
[30] SE (9803267-5) 1998-09-28

[21] **2,345,576**  
[13] A1

[51] **Int.Cl. 7G03G 15/00 7G03G 15/01 7G03G 15/08 7G03G 21/10 7G03G 21/18**  
[25] EN  
[54] **PRINTING OR COPYING SYSTEM WITH A REUSABLE CONTAINER FOR CONSUMABLE MATERIALS AND METHOD FOR USING SAID CONTAINER**  
[54] **SYSTEME D'IMPRESSION OU DE REPRODUCTION COMPORTANT UN RECIPIENT REUTILISABLE POUR LES MATIERES CONSOMMABLES ET PROCEDE POUR UTILISER LEDIT PROCEDE**  
[72] CREUTZMANN, EDMUND, DE  
[72] WINTER, HANS, DE  
[72] KEIL, WOLFRAM, DE  
[72] SCHOCH, BERND, DE  
[72] REIHL, HEINER, DE  
[71] OCE PRINTING SYSTEMS GMBH, DE  
[85] 2001-03-27  
[86] 1999-09-28 (PCT/EP99/07193)  
[87] 2000-04-06 (WO00/19278)  
[30] DE (198 44 435.4) 1998-09-28

[21] **2,345,577**  
[13] A1

[51] **Int.Cl. 7C07D 213/65 7A61P 43/00 7C07D 213/30 7A61K 31/44 7C07D 213/69 7C07D 213/70 7C07D 213/74**  
[25] EN  
[54] **2,3-DISUBSTITUTED PYRIDINE DERIVATIVES, PROCESS FOR THE PREPARATION THEREOF, DRUG COMPOSITIONS CONTAINING THE SAME AND INTERMEDIATES FOR THE PREPARATION**  
[54] **DERIVES PYRIDINE DISUBSTITUES EN POSITION 2,3, PROCEDE DE PREPARATION ASSOCIE, COMPOSITIONS DE MEDICAMENT CONTENANT CES DERIVES, ET INTERMEDIARES SERVANT DANS CETTE PREPARATION**  
[72] NOBATA, TADASHI, JP  
[72] ITOH, MARI, JP  
[72] NIGO, TOMOHIRO, JP  
[72] NAKAMURA, SHUNYA, JP  
[72] KAWASAKI, MOTOJI, JP  
[71] DAINIPPON PHARMACEUTICAL CO., LTD., JP  
[85] 2001-03-27  
[86] 1999-09-30 (PCT/JP99/05385)  
[87] 2000-04-13 (WO00/20391)  
[30] JP (10/283848) 1998-10-06

## PCT Applications Entering the National Phase

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[21] **2,345,578**  
[13] A1  
[51] **Int.Cl. 7G01B 11/00 7G01B 21/04 7G05B 19/25 7G05B 19/40**  
[25] EN  
[54] **TOOL PATH MEASUREMENT**  
[54] **MESURAGE DE LA TRAJECTOIRE D'OUTIL**  
[72] WANG, CHARLES, US  
[71] OPTODYNE, INC., US  
[85] 2001-03-27  
[86] 1999-12-13 (PCT/US99/29451)  
[87] 2000-06-22 (WO00/36367)  
[30] US (60/112,101) 1998-12-14  
[30] US (PCT US99/14815) 1999-06-29

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[21] **2,345,579**  
[13] A1  
[51] **Int.Cl. 7F16D 3/84**  
[25] EN  
[54] **BELLOWS-TYPE COVER MEMBER**  
[54] **ENVELOPPE DE TYPE A SOUFFLETS**  
[72] OETIKER, HANS, CH  
[71] HANS OETIKER AG MASCHINEN-UND APPARATEFABRIK, CH  
[85] 2001-03-27  
[86] 1999-09-13 (PCT/CH99/00430)  
[87] 2000-04-13 (WO00/20773)  
[30] EP (98118715.6) 1998-10-02

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[21] **2,345,581**  
[13] A1  
[51] **Int.Cl. 6C11D 3/37 6C11D 17/06**  
[25] EN  
[54] **FOAMING SYSTEM AND DETERGENT COMPOSITIONS CONTAINING THE SAME**  
[54] **SYSTEME MOUSSANT ET COMPOSITIONS DETERGENTES LE CONTENANT**  
[72] MURATA, SUSUMU, US  
[72] KATSUDA, RINKO, JP  
[72] NORWOOD, KEVIN TODD, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2001-03-27  
[86] 1998-10-05 (PCT/US98/21020)  
[87] 2000-04-13 (WO00/20546)

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[21] **2,345,658**  
[13] A1  
[51] **Int.Cl. 6B67D 5/00 6B29C 45/40**  
[25] EN  
[54] **APPARATUS AND METHOD FOR FORMING CAP**  
[54] **DISPOSITIF ET PROCEDE POUR LA FABRICATION D'UN BOUCHON**  
[72] BIETZER, STEVEN H., US  
[71] PORTOLA PACKAGING, INC., US  
[85] 2001-03-28  
[86] 1999-10-12 (PCT/US99/23603)  
[87] 2000-04-20 (WO00/21874)  
[30] US (09/172,721) 1998-10-13

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[21] **2,345,659**  
[13] A1  
[51] **Int.Cl. 7C08G 63/91 7C08L 67/00**  
[25] EN  
[54] **BIODEGRADABLE LOW MOLECULAR WEIGHT TRIBLOCK POLYESTER POLYETHYLENE GLYCOL COPOLYMERS HAVING REVERSE THERMAL GELATION PROPERTIES**  
[54] **COPOLYMERES TRISEQUENCES DE POLYESTER POLYETHYLENEGLYCOL, DE FAIBLE POIDS MOLECULAIRE, BIODEGRADABLES ET DOTES DE CARACTERISTIQUES INVERSES DE GELIFICATION THERMIQUE**  
[72] RATHI, RAMESH C., US  
[72] JEONG, BYEONGMOON, US  
[72] ZENTNER, GAYLEN M., US  
[71] MACROMED, INC., US  
[85] 2001-03-28  
[86] 1999-09-30 (PCT/US99/22755)  
[87] 2000-04-06 (WO00/18821)  
[30] US (09/164,865) 1998-10-01  
[30] US (09/396,589) 1999-09-15

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[21] **2,345,660**  
[13] A1  
[51] **Int.Cl. 7G10L 15/22 7G10L 13/08**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROVIDING NETWORK COORDINATED CONVERSATIONAL SERVICES**  
[54] **SYSTEME ET PROCEDE POUR LA FOURNITURE DE SERVICES CONVERSATIONNELS ET COORDONNES SUR RESEAU**  
[72] MAES, STEPHANE H., US  
[72] GOPALAKRISHNAN, PONANI, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2001-03-28  
[86] 1999-10-01 (PCT/US99/22925)  
[87] 2000-04-13 (WO00/21075)  
[30] US (60/102,957) 1998-10-02  
[30] US (60/117,595) 1999-01-27

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[21] **2,345,661**  
[13] A1  
[51] **Int.Cl. 7G06F 15/16**  
[25] EN  
[54] **CONVERSATIONAL BROWSER AND CONVERSATIONAL SYSTEMS AND NAVIGATEUR INTERACTIF ET SYSTEMES INTERACTIFS**  
[72] SEDIVY, JAN, CZ  
[72] MAES, STEPHANE H., US  
[72] LUCAS, BRUCE D., US  
[72] GOPALAKRISHNAN, PONANI, US  
[72] NAHAMOO, DAVID, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2001-03-28  
[86] 1999-10-01 (PCT/US99/23008)  
[87] 2000-04-13 (WO00/21232)  
[30] US (60/102,957) 1998-10-02  
[30] US (60/117,595) 1999-01-27

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[21] **2,345,662**  
[13] A1

[51] **Int.Cl. 7G10L 15/00**  
[25] EN  
[54] **STRUCTURE SKELETONS FOR EFFICIENT VOICE NAVIGATION THROUGH GENERIC HIERARCHICAL OBJECTS**  
[54] **SQUELETTES DE STRUCTURES POUR NAVIGATION VOCALE EFFICACE PARMIS DES OBJETS GENERIQUES HIERARCHIQUES**  
[72] MAES, STEPHANE H., US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2001-03-28  
[86] 1999-10-01 (PCT/US99/22915)  
[87] 2000-04-13 (WO00/21073)  
[30] US (60/102,957) 1998-10-02  
[30] US (60/117,595) 1999-01-27

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[21] **2,345,663**  
[13] A1

[51] **Int.Cl. 6G01N 33/574 6G01N 33/68**  
[25] EN  
[54] **SCREEN FOR RISK FOR GASTRIC ADENOCARCINOMA**  
[54] **DEPISTAGE DU RISQUE D'ADENOCARCINOME GASTRIQUE**  
[72] LEE, JEFFREY R., US  
[72] SCHMIDT, P. HENRY, US  
[72] GOLDENRING, JAMES R., US  
[71] MEDICAL COLLEGE OF GEORGIA RESEARCH INSTITUTE, US  
[85] 2001-03-28  
[86] 1998-10-01 (PCT/US98/20820)  
[87] 2000-04-13 (WO00/20868)

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[21] **2,345,664**  
[13] A1

[51] **Int.Cl. 7G01K 11/22**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR NON-INVASIVE ASSESSMENT OF COOKED STATUS OF FOOD DURING COOKING**  
[54] **SYSTEMES ET PROCEDES D'EVALUATION NON INVASIVE DE L'ETAT DE CUISSON D'UN ALIMENT PENDANT SA CUISSON**  
[72] SAKSENA, ATUL, US  
[71] PREMARK FEG L.L.C., US  
[85] 2001-03-28  
[86] 1999-11-05 (PCT/US99/25756)  
[87] 2000-05-18 (WO00/28292)  
[30] US (60/107,249) 1998-11-05

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[21] **2,345,665**  
[13] A1

[51] **Int.Cl. 7G06F 9/00**  
[25] EN  
[54] **CONVERSATIONAL COMPUTING VIA CONVERSATIONAL VIRTUAL MACHINE**  
[54] **INFORMATIQUE CONVERSATIONNELLE PAR MACHINE VIRTUELLE CONVERSATIONNELLE**  
[72] COMERFORD, LIAM D., US  
[72] COFFMAN, DANIEL, US  
[72] DEGENNARO, STEVEN V., US  
[72] NAHAMOO, DAVID, US  
[72] MAES, STEPHANE H., US  
[72] EPSTEIN, EDWARD A., US  
[72] GOPALAKRISHNAN, PONANI, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2001-03-28  
[86] 1999-10-01 (PCT/US99/22927)  
[87] 2000-04-13 (WO00/20962)  
[30] US (60/102,957) 1998-10-02  
[30] US (60/117,595) 1999-01-27

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[21] **2,345,666**  
[13] A1

[51] **Int.Cl. 7F02B 77/13 7F01P 5/06**  
[25] EN  
[54] **LOW NOISE PACKAGE STORING TYPE ENGINE WORKING MACHINE**  
[54] **MACHINE A USINER A MOTEUR DU TYPE CONTENANT UNE ENVELOPPE A FAIBLE BRUIT**  
[72] ISHIDA, SHINICHIRO, JP  
[72] FUKUSHIMA, TAKASHI, JP  
[72] KOUZATO, KOUICHI, JP  
[72] OKUBO, MINORU, JP  
[72] SAITO, MASAHIRO, JP  
[72] SHIOKAWA, MASATO, JP  
[71] YANMAR DIESEL ENGINE CO., LTD., JP  
[85] 2001-03-28  
[86] 1999-09-24 (PCT/JP99/05243)  
[87] 2000-04-13 (WO00/20737)  
[30] JP (10/284331) 1998-10-06  
[30] JP (10/284332) 1998-10-06



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[21] **2,324,634**  
[13] A1

[51] **Int.Cl. 7B65B 9/08**  
[25] EN  
[54] **METHOD FOR ATTACHING FITMENT AT LONGITUDINAL FIN SEAL AND PACKAGE RESULTING THEREFROM**  
[54] **METHODE DE FIXATION DE CLOISON A UN SCELLAGE A BORDS REPLIES, ET EMBALLAGE RESULTANT**  
[72] MALIN, ART, US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 2000-10-27  
[43] 2001-06-02  
[30] US (09/452,714) 1999-12-02

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[21] **2,338,589**  
[13] A1

[51] **Int.Cl. 7C09D 5/16**  
[25] EN  
[54] **ANTI-FOULING METHODS WITH METAL COMPLEX COMPOSITIONS**  
[54] **METHODES DE PREVENTION DES SALISSURES GRACE A DES COMPOSITIONS A BASE DE COMPLEXE METALLIQUE**  
[72] TSENG, KENNETH K. S., US  
[72] UHM, HAEWON L., US  
[72] SILVERMAN, GARY S., US  
[71] ATOFINA CHEMICALS, INC., US  
[22] 1996-01-24  
[43] 1996-07-31  
[62] 2,167,960  
[30] US (08/380,095) 1995-01-30

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[21] **2,342,968**  
[13] A1

[51] **Int.Cl. 7B62D 63/02 7A61D 19/00 7A01K 1/00**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DETECTING ESTRUS IN SWINE**  
[54] **METHODE ET SYSTEME POUR LA DETECTION DE L'OESTRUS CHEZ LE PORC**  
[72] LABRECQUE, ROBERT, CA  
[72] LABRECQUE, GERMAIN, CA  
[71] LABRECQUE, ROBERT, CA  
[71] LABRECQUE, GERMAIN, CA  
[22] 1999-04-28  
[43] 1999-08-22  
[62] 2,303,741  
[30] GB (9904199.8) 1999-02-25

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[21] **2,343,607**  
[13] A1

[51] **Int.Cl. 7A01K 15/04**  
[25] FR  
[54] **PERFECTIONNEMENT AUX CORNADIS**  
[54] **TRAINING ON CORNADIS**  
[72] PYFFEROEN, MICHEL, CA  
[71] PYFFEROEN, MICHEL, CA  
[22] 1998-07-06  
[43] 1999-01-09  
[62] 2,243,037  
[30] BE (09700593) 1997-07-09

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[21] **2,344,707**  
[13] A1

[51] **Int.Cl. 7C07D 209/20**  
[25] EN  
[54] **N-SUBSTITUTED CYCLOALKYL AND POLYCYCLOALKYL ALPHA-SUBSTITUTED TRP-PHE- AND PHENETHYLAMINE DERIVATIVES**  
[54] **DERIVES A GROUPE N-(SUBSTITUANT) CYCLOALKYL ET POLYCYCLOALKYL TRP-, PHE- ET PHENETHYLAMINE, SUBSTITUE EN ALPHA**  
[72] RICHARDSON, REGINALD STEWART, GB  
[72] ARANDA, JULIAN, GB  
[72] HORWELL, DAVID CHRISTOPHER, GB  
[72] ROBERTS, EDWARD, GB  
[72] PRITCHARD, MARTYN CLIVE, GB  
[71] WARNER-LAMBERT COMPANY, US  
[22] 1990-06-28  
[43] 1991-01-10  
[62] 2,060,652  
[30] US (374,327) 1989-06-29  
[30] US (422,486) 1989-10-16  
[30] US (530,811) 1990-06-05

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[21] **2,344,880**  
[13] A1

[51] **Int.Cl. 7G02B 5/18**  
[25] EN  
[54] **METHOD FOR SPATIALLY CONTROLLING THE PERIOD AND AMPLITUDE OF BRAGG FILTERS**  
[54] **METHODE POUR CONTROLER SPATIALEMENT LA PERIODE ET L'AMPLITUDE DES FILTRES DE BRAGG**  
[72] CHANDONNET, ALAIN, CA  
[72] PAINCHAUD, YVES, CA  
[72] GALARNEAU, PIERRE, CA  
[72] LANGLOIS, PIERRE, CA  
[72] LAUZON, JOCELYN, CA  
[71] INSTITUT NATIONAL D'OPTIQUE, CA  
[22] 1995-11-16  
[43] 1997-05-17  
[62] 2,163,061

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COIL-TECH SERVICES LTD.	2,339,685	DUTARI, RODRIGO		FRITZ, JAMES E.	2,310,881
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COOPE, JANET LYNN	2,325,678	EASTON, ERIC	2,327,993	FUKANO, KAZUKO	2,327,661
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COOPER, JAMES NEIL	2,326,423	EBERL, GEORG	2,323,738	FUKUCHI, MASAMITSU	2,327,861
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INC.	2,326,616	MCPARTLIN, SIMON	2,327,238	NEC CORPORATION	2,327,866
LUCENT TECHNOLOGIES		MEHNERT, DAVID WEBB	2,327,424	NEC CORPORATION	2,327,869
INC.	2,326,617	MELE, PETER C.	2,291,580	NEC CORPORATION	2,327,871
LUCENT TECHNOLOGIES		MELLOT, PATRICK	2,291,569	NEC CORPORATION	2,327,919
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BAKER, BRENDA F.	2,344,616	BERGHMANS, MICHEL		BOLOS, JORDI	2,344,664
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BAKKER, DIANNA FOKELINA	2,344,449	BERNSTEIN, PETER ROBERT	2,345,133	BONADIES, GARY N.	2,344,427
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BALLARD, WILLIAM V.	2,344,826	BERUBE, GUY	2,345,335	BORDEN CHEMICAL, INC.	2,345,061
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BARTON MEDICAL CORPORATION	2,344,935	BIGFIX, INC.	2,344,521	BOUGAMONT, JEAN-LOUIS	2,345,141
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BASF AKTIENGESELLSCHAFT	2,345,053	BILLER, SCOTT A.	2,344,309	BOULON, GILBERT	2,344,220
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DENINNO, MICHAEL PAUL	2,344,556	DURLEY, RICHARD C.	2,345,108	EXXON RESEARCH AND ENGINEERING COMPANY	2,345,254
DERFLINGER, MONIKA	2,344,856	DURLEY, RICHARD C.	2,345,118	EXXON RESEARCH AND ENGINEERING COMPANY	2,345,271
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DESGAGNE, MICHEL	2,344,484	DYMOND, JAMES HENRY	2,345,136	FANG, XINGGAO	2,344,170
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