

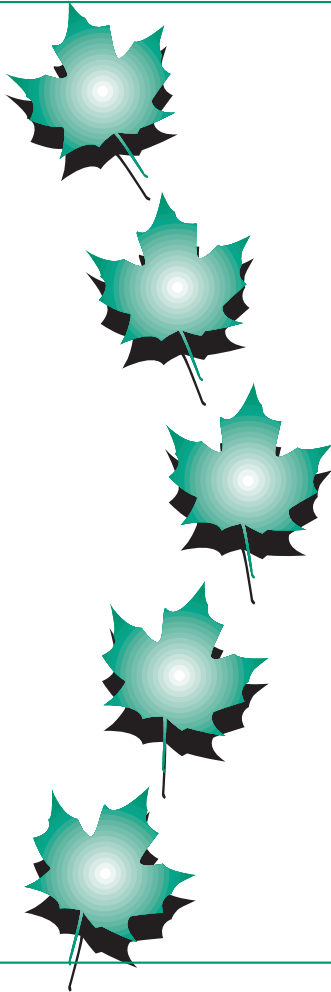


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**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

Vol. 128, No. 26 June 27, 2000

Vol. 128, N° 26 le 27 juin 2000

**Canada**



# THE PATENT OFFICE RECORD

## LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
Commissaire aux brevets

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

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

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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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Télécopieur : (819) 997-7771 (fonctionne 24 heures sur 24)

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## Notices

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

#### Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 2000 will be shown as 2000-01-02.

#### 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 2000, par exemple, sera représenté par 2000-01-02.

#### 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 Codes

A complete list of country codes has been published in the April 25, 2000 issue of the Canadian Patent Office Record 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 an alphabetical listing of subject matter titles for the various classes by writing a request 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.

Those wishing to purchase a complete set of schedules covering all classes, including the Subject Matter Index and separate listings of all class titles, may do so from Micromedia Limited at a cost of \$25 (98 frame microfiche), or \$200 (paper).

### 5. How to Purchase Paper or Microform-copies of Canadian Patents and Canadian Laid-Open Applications

#### A) Paper Copies

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.

### 2. Codes des pays

Une liste complète des codes de pays a été publiée dans le numéro du 25 avril 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.

Les personnes qui désirent acheter une série complète des listes couvrant toutes les classes, y compris l'index des sujets et listes distinctes de tous les titres de classes, doivent s'adresser à Micromedia Limited. Le prix est de 25 \$ pour des microfiches à 98 cadres d'image ou de 200 \$ pour des copies sur papier.

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

#### A) Copies sur papier

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.

## Notices

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of ten dollars (\$10) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 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: tic@micromedia.on.ca

### B) Microform Copies

Copies of Canadian Patents from number 445,931 to date and Canadian Laid-Open Applications from number 2,000,001 to date can be purchased from Micromedia Limited at a cost of \$4 each (98 frame microfiche).

Beginning with Canadian Patent number 986,651, annual collections may be purchased from Micromedia Limited in the following categories:

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- Cover pages, claims and drawings of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Full text of Canadian Patents issued weekly in numerical order (16 mm microfilm).

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

Micromedia Limited will fill standing orders for all Canadian patents issuing in any class or subclass. Patents issuing after the date of the order will be supplied. Annual fee for this service is \$150 per class.

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Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de dix dollars (10 \$) par copie, plus l'affranchissement et les taxes. Il suffit d'écrire à Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

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Courriel: tic@micromedia.on.ca

### B) Copies en microforme

Les copies des brevets canadiens à partir du numéro 445,931 et des demandes canadiennes mises à la disponibilité, du public à partir du numéro 2,000,001 sont disponibles chez Micromedia Limited au coût de 4 \$ chacune (microfiche à 98 cadres d'image).

On peut également se procurer auprès de Micromedia Limited, à partir du numéro de brevet 986,651, des séries annuelles dans les catégories suivantes:

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- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
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Courriel: tic@micromedia.on.ca

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

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. 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.

### 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. 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.

### 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.

#### 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.

#### 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. 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.

### 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.

## Notices

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

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

**2,209,253**

### 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. 1,149 100 which issued on June 27, 1983 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:

**2,209,253**

### 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 27 juin 1983 sont maintenant expirés, jusque et y compris le no. 1,149,100. 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.



**Avis**

**14. Patent Cooperation Treaty (PCT)**

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

**SCHEDULE OF FEES APPLICABLE  
AS OF JANUARY 01, 2000**

**BARÈME DE TAXES À PARTIR DU  
1 JANVIER 2000**

<b>FEES</b>	<b>AMOUNTS</b>
	\$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b> (Rule 15.2(a))	630.00
Amount for each additional sheet over 30	15.00
3. <b>Designation Fee:</b> (Rule 15.2(a))	136.00
The maximum that can be charged for the Designation Fee is \$1,088.00; therefore, if more than 8 countries are designated the fee remains \$1,088.00	

**4. International Search Fee** 1,450.00  
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)) 147.00 Euro Dollars

**7. Preliminary Examination Fee:** 2,998.29 Deutsche Marks  
(Rule 58) 1,533.00 Euro Dollars

The Preliminary Examination Fees are paid in Deutsche Marks and are payable directly to the European Patent Office in Munich.

\* International fees will be reduced by \$194.00 for all applications filed using PCT-Easy.

<b>TAXES</b>	<b>MONTANTS</b>
	\$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b> (Règle 15.2(a))	630,00
Montant pour chaque feuille au delà de 30	15,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a))	136,00
Le maximum payable pour la taxe de désignation est de 1 088,00 \$; donc, si plus que 8 pays sont désignés, la taxe demeure 1 088,00 \$.	

**4. Taxe de recherche internationale** 1 450,00  
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)) 147,00 dollars euro

**7. Taxe d'examen préliminaire:** 2 998,29 marks allemands  
(Règle 58) 1 533,00 dollars euro

Les taxes d'examen préliminaire sont payables directement au Bureau Européen des brevets à Munich en marks allemands.

\*Les frais seront réduits par 194.00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

## Notices

### 15. PCT Notices

#### **PCT Signature Requirements**

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

#### **Patent Cooperation Treaty (PCT)**

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

**This is to inform you that the PCT Section will no longer provide basic information which is contained in the pamphlets published by the International Bureau. This information is available, free of charge, on the Internet at <http://pctgazette.wipo.int> or on the IBM web site at <http://www.patents.ibm.com>.**

**The PCT Section will continue to provide all other information pertaining to each application, i.e. amendments included in the International Preliminary Examination Report, changes to applicant's names, etc.**

### 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>.

**La présente a pour but de vous informer que, dorénavant, la section PCT ne fournira plus d'information générale déjà contenue dans les brochures publiées par le Bureau International. Cet information est disponible sans frais, sur l'Internet au <http://pctgazette.wipo.int> ou sur le site web d'IBM au <http://www.patents.ibm.com>.**

**Par contre, la section PCT continuera de fournir tout autre renseignement relatif aux demandes, par exemple, les modifications incluses dans le Rapport d'examen préliminaire international, les changements au nom du demandeur, etc.**

## Avis

### **16. Laid-Open Applications**

The Patent Office Record of June 27, 2000 contains laid-open applications from June 4, 2000 - June 10, 2000.

### **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 4 juin 2000 - 10 juin 2000.

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[11] **2,023,694**  
[13] C

[51] **Int.Cl. 5B23P 6/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR HYDRAULIC TURBINE REPAIR**  
[54] **METHODE ET DISPOSITIF DE REPARATION DE TURBINE HYDRAULIQUE**  
[72] Porter, Benny Ray, US  
[73] VOITH HYDRO, INC., US  
[22] 1990-08-21  
[30] US (397,051) 1989-08-22

[11] **2,024,023**  
[13] C

[51] **Int.Cl. 5E03F 3/00**  
[25] EN  
[54] **VACUUM-TYPE SEWAGE COLLECTING APPARATUS**  
[54] **APPAREIL ASPIRANT, POUR LA COLLECTE DES EAUX USEES**  
[72] Asanagi, Tsuneo, JP  
[72] Yamaguchi, Kazuo, JP  
[72] Ushitora, Akihiro, JP  
[73] Ebara Corporation, JP  
[22] 1990-08-27  
[30] JP (225836/1989) 1989-08-31

[11] **2,024,424**  
[13] C

[51] **Int.Cl. 5B60R 25/00**  
[25] EN  
[54] **AN ANTI-THEFT DEVICE FOR MOTOR VEHICLES**  
[54] **UN DISPOSITIF ANTIVOL POUR VEHICULES AUTOMOBILES**  
[72] Mawdsley, Michael John, ZA  
[73] ARMEX INTERNATIONAL (B.V.I.) CO. LTD., VG  
[22] 1990-08-31  
[30] ZA (89/6730) 1989-09-01

[11] **2,024,505**  
[13] C

[51] **Int.Cl. 5A61K 9/32**  
[25] EN  
[54] **DOSAGE FORM FOR DELIVERING SOLUBLE OR INSOLUBLE DRUGS**  
[54] **FORME POSOLOGIQUE POUR L'ADMINISTRATION DE MEDICAMENTS SOLUBLES OU INSOLUBLES**  
[72] Ayer, Atul Devdatt, US  
[72] Wong, Patrick S. L., US  
[72] Kuczynski Anthony L., US  
[73] Alza Corporation, US  
[22] 1990-08-31  
[30] US (403,523) 1989-09-05

[11] **2,025,600**  
[13] C

[51] **Int.Cl. 5A63C 1/16**  
[25] EN  
[54] **AN INTERCHANGEABLE SKID BLADE ICE SKATE**  
[54] **UN PATIN A GLACE A DOUBLE LAME INTERCHANGEABLE**  
[72] Olivieri, Oliviero, IT  
[73] BAUER ITALIA S.p.A., IT  
[22] 1990-09-18  
[30] IT (22347-A/89) 1989-11-10

[11] **2,027,054**  
[13] C

[51] **Int.Cl. 5H04N 5/45**  
[25] EN  
[54] **RECEIVER FOR TELEVISION SIGNALS**  
[54] **RECEPTEUR DE SIGNAUX DE TELEVISION**  
[72] Van Den Hombergh, Petrus Joseph Franciscus Johannes, NL  
[72] Schmitz, Herman Jan Reinier, NL  
[72] Doornhein, Laurens, NL  
[73] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[22] 1990-10-05  
[30] NL (8902516) 1989-10-11

[11] **2,027,850**  
[13] C

[51] **Int.Cl. 5B32B 5/04 5D06M 17/00 5B32B 31/12 5B32B 5/28**  
[25] EN  
[54] **STRETCHABLE PROTECTIVE FABRIC AND PROTECTIVE APPAREL MADE THEREFROM**  
[54] **TISSU PROTECTEUR ETIRABLE ET PROTECTION AINSI FABRIQUEE**  
[72] Meunier, Pierre P., CA  
[73] HER MAJESTY THE QUEEN, IN RIGHT OF CANADA, AS REPRESENTED BY NATIONAL RE, CA  
[22] 1990-10-17

[11] **2,028,715**  
[13] C

[51] **Int.Cl. 5B29C 47/00 5B29B 7/14 5B29C 43/24 5B29C 47/40**  
[25] EN  
[54] **A METHOD OF PRODUCING PANELS**  
[54] **METHODE DE FABRICATION DE PANNEAUX**  
[72] Colombo, Gian Carlo, IT  
[73] ICMA San Giorgio S.p.A., IT  
[22] 1990-10-29  
[30] IT (22235 A/89) 1989-10-31

[11] **2,029,626**  
[13] C

[51] **Int.Cl. 5E02F 3/355**  
[25] EN  
[54] **BACKHOE MOUNTING DEVICE FOR A SKID STEER LOADER**  
[54] **DISPOSITIF DE MONTAGE D'UN CHARGEUR A DIRECTION A GLISSEMENT SUR PELLE RETROCAVEUSE**  
[72] Wagner, Oryn B., US  
[72] Alm, Terry Jo, US  
[73] Clark Equipment Company, US  
[22] 1990-11-09  
[30] US (07/479,383) 1990-02-13



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[11] **2,030,581**  
[13] C

[51] **Int.Cl. 5C12N 9/94 6A61K 38/48**  
[25] EN  
[54] **PANCREATIN PREPARATIONS**  
[54] **PREPARATIONS DE**  
**PANCREATINE**  
[72] Atzl, Gunther, AT  
[72] Langer, Franz, AT  
[72] Polleres, Herbert, AT  
[73] BIOCHEMIE GESELLSCHAFT  
M.B.H., AT  
[22] 1990-11-22  
[30] AT (A2688/89) 1989-11-24

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[11] **2,035,273**  
[13] C

[51] **Int.Cl. 5D03C 9/00**  
[25] EN  
[54] **DEVICE FOR SINGULARIZING**  
**HEALDS FOR WARP-THREAD**  
**DRAWING-IN MACHINES**  
[54] **DISPOSITIF DE SEPARATION DES**  
**LICES POUR MACHINE DE**  
**RENTRAGE DE CHAINE**  
[72] Benz, Rico, CH  
[72] Magdika, Janos, CH  
[73] Zellweger Uster AG, CH  
[22] 1991-01-30  
[30] CH (706/90-3) 1990-03-06

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[11] **2,036,851**  
[13] C

[51] **Int.Cl. 5H01B 7/22 5H01B 3/42**  
[25] EN  
[54] **METAL CLAD CABLE AND**  
**METHOD OF MAKING**  
[54] **CABLE A GAINNE METALLIQUE**  
**ET METHODE DE FABRICATION**  
**CONNEXE**  
[72] Ganatra, Ravindra H., US  
[72] Long, Nicholas A., US  
[72] Weaver, Donald L., Jr., US  
[73] ALCAN INTERNATIONAL LIMITED,  
CA  
[22] 1991-02-21  
[30] US (496,376) 1990-03-20

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[11] **2,038,605**  
[13] C

[51] **Int.Cl. 5C08L 75/04 5A61L 17/00**  
**5A61L 27/00 5A61L 31/00 5A61F 2/02**  
[25] EN  
[54] **CRACK-RESISTANT**  
**POLYCARBONATE URETHANE**  
**POLYMER PROSTHESES AND THE**  
**LIKE**  
[54] **PROTHESES ET AUTRES DE**  
**POLYMERE POLYCARBONATE**  
**URETHANE RESISTANT AUX**  
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[72] Pinchuk, Leonard, US  
[73] Corvita Corporation, US  
[22] 1991-03-19  
[30] US (538,986) 1990-06-15

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[11] **2,040,134**  
[13] C

[51] **Int.Cl. 5H03K 17/28**  
[25] EN  
[54] **A DELAY LINE PROVIDING AN**  
**ADJUSTABLE DELAY**  
[54] **LIGNE A RETARD REGLABLE**  
[72] Molin, Stuart B., US  
[73] BROOKTREE CORPORATION, US  
[22] 1991-04-10  
[30] US (509,903) 1990-04-16

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[11] **2,040,895**  
[13] C

[51] **Int.Cl. 5E01B 27/16**  
[25] EN  
[54] **BALLAST TAMPING ASSEMBLY**  
[54] **BOURREUSE DE BALLAST**  
[72] Theurer, Josef, AT  
[73] FRANZ PLASSER  
BAHNBAUMASCHINEN-  
INDUSTRIEGESELLSCHAFT M.B.H., AT  
[22] 1991-04-19  
[30] AT (A 930/90) 1990-04-20

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[11] **2,041,302**  
[13] C

[51] **Int.Cl. 5E01B 27/16**  
[25] EN  
[54] **BALLAST TAMPING MACHINE**  
[54] **MACHINE DE BOURRAGE DE**  
**BALLAST**  
[72] Theurer, Josef, AT  
[73] FRANZ PLASSER  
BAHNBAUMASCHINEN-  
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[22] 1991-04-26  
[30] AT (A 1000/90) 1990-05-02

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[11] **2,046,725**  
[13] C

[51] **Int.Cl. 5B32B 3/12**  
[25] EN  
[54] **MULTIPLE HONEYCOMB**  
**INSULATING PANEL AND METHOD**  
**OF HANGING**  
[54] **PANNEAU ISOLANT**  
**ALVEOLAIRE MULTICOUCHE ET**  
**METHODE DE MISE EN PLACE**  
[72] Colson, Wendell B., US  
[72] Akins, Terry, US  
[72] Jansen, Cornelis Marinus, NL  
[72] Swiszczy, Paul G., US  
[72] Anthony, James M., US  
[73] Hunter Douglas Inc., US  
[22] 1991-07-10  
[30] US (635,198) 1991-01-02  
[30] US (720,163) 1991-06-27

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[11] **2,049,139**  
[13] C

[51] **Int.Cl. 5G01R 29/12**  
[25] EN  
[54] **ELECTROSTATIC DISCHARGE**  
**DETECTOR AND DISPLAY**  
[54] **DISPOSITIF DE DETECTION ET**  
**DE VISUALISATION DE DECHARGE**  
**ELECTROSTATIQUE**  
[72] Campbell, Jeffrey D., US  
[72] Gearing, Graham O., US  
[73] Minnesota Mining and Manufacturing  
Company, US  
[22] 1991-08-13  
[30] US (07/567,009) 1990-08-13

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[11] **2,051,616**  
[13] C

[51] **Int.Cl. 5B05B 15/02 5D21F 1/34**  
[25] EN  
[54] **NOZZLE FOR SPRAY TUBES**  
[54] **BUSE DE TUBES**  
**VAPORISATEURS**  
[72] Strid, Kent, SE  
[73] Kvaerner Hymac AS, NO  
[85] 1991-10-15  
[86] 1990-05-21 (PCT/SE90/00336)  
[87] (WO90/15184)  
[30] SE (8901933-5) 1989-05-30

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[11] **2,052,512**  
[13] C

[51] **Int.Cl. 6B42F 15/00**  
[25] EN  
[54] **LINKED FILE FOLDER**  
[54] **ETUI A DOSSIER MONTE EN**  
**CONTINU**  
[72] Snowden, Wes, CA  
[72] Williams, Richard J., US  
[73] ANTHES UNIVERSAL, INC., US  
[22] 1991-09-30

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[11] **2,053,243**  
[13] C

[51] **Int.Cl. 5F16L 55/18 5E03F 3/06**  
[25] EN  
[54] **APPARATUS FOR USE IN**  
**RENOVATION OF TUBE SYSTEMS IN**  
**PARTICULAR SEWER TUBE SYSTEMS**  
[54] **APPAREIL POUR LA**  
**RENOVATION DE RESEAUX**  
**TUBULAIRES ET, NOTAMMENT, DE**  
**SYSTEMES TUBULAIRES D'EGOUT**  
[72] Gammelgaard, Kresten, DK  
[73] Gammelgaard, Lone Lykke, DK  
[85] 1991-10-21  
[86] 1990-04-26 (PCT/DK90/00109)  
[87] (WO90/12979)  
[30] DK (2013/89) 1989-04-26

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[11] **2,053,786**  
[13] C

[51] **Int.Cl. 5B05D 1/26 5B29C 49/00**  
**5C09D 127/08 5B05D 1/18 5B29C 49/24**  
[25] EN  
[54] **BLOW MOLDED MAPLE SYRUP**  
**JUG AND METHOD**  
[54] **CRUCHE A SIROP D'ERABLE**  
**MOULEE PAR SOUFFLAGE ET**  
**METHODE CONNEXE**  
[72] Haas, Richard G., US  
[73] Hillside Plastics Inc., US  
[22] 1991-10-21  
[30] US (601,228) 1990-10-22

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[11] **2,054,677**  
[13] C

[51] **Int.Cl. 5H04N 9/04**  
[25] EN  
[54] **INTEGRATED CIRCUIT FOR**  
**PROCESSING DIGITAL SIGNALS IN**  
**VIDEO CAMERA**  
**HAVINGELECTRONIC ZOOMING**  
**FUNCTION**  
[54] **CIRCUIT INTEGRE DE**  
**TRAITEMENT DE SIGNAUX**  
**NUMERIQUES POUR CAMERA VIDEO**  
**A ZOOM ELECTRONIQUE**  
[72] Kawakami, Kiyotada, JP  
[72] Takuma, Masao, JP  
[72] Asaeda, Tooru, JP  
[72] Yamamoto, Tooru, JP  
[72] Murata, Haruhiko, JP  
[72] Murashima, Hirotsugu, JP  
[72] Watanabe, Tooru, JP  
[72] Honzawa, Masashi, JP  
[72] Tanii, Keiichi, JP  
[73] Sanyo Electric Co., Ltd., JP  
[22] 1991-10-31  
[30] JP (2-295643) 1990-10-31

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[11] **2,055,826**  
[13] C

[51] **Int.Cl. 5A42B 3/04**  
[25] EN  
[54] **HELMET**  
[54] **CASQUE DE SECURITE**  
[72] Feuling, James J., US  
[73] Feuling, James J., US  
[22] 1991-11-19

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[11] **2,058,822**  
[13] C

[51] **Int.Cl. 5C07D 519/00 5C07F 7/10**  
**5A61K 31/545 5C07D 501/59**  
[25] EN  
[54] **ANTIBACTERIAL AGENTS**  
[54] **AGENTS ANTIBACTERIENS**  
[72] Ternansky, Robert J., US  
[73] ELI LILLY AND COMPANY, US  
[22] 1992-01-06  
[30] US (07/642,959) 1991-01-18

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[11] **2,063,195**  
[13] C

[51] **Int.Cl. 5C12N 1/19 5C12P 7/02**  
[25] EN  
[54] **INOSITOL-EXCRETING YEAST**  
[54] **LEVURE EXCRETANT DE**  
**L'INOSITOL**  
[72] Henry, Susan A., US  
[72] White, Michael J., US  
[73] CARNEGIE-MELLON UNIVERSITY,  
US  
[22] 1992-03-17  
[30] US (672,355) 1991-03-20

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[11] **2,063,735**  
[13] C

[51] **Int.Cl. 5B67D 5/06**  
[25] EN  
[54] **SHIELDED ASSEMBLY FOR THE**  
**DELIVERY OF FUEL ENTIRELY**  
**DISAPPEARING INTO THE GROUND**  
**AND DIRECTLY CONNECTED TO THE**  
**FUEL TANK THROUGH A MANHOLE**  
[54] **ENSEMBLE BLINDE**  
**SOUTERRAIN DESTINE A LA**  
**DISTRIBUTION DE CARBURANT ET**  
**RACCORDE DIRECTEMENT AU**  
**RESERVOIR PAR UN Puits D'ACCES**  
[72] Cutore, Gaetano, IT  
[73] Cutore, Gaetano, IT  
[85] 1992-01-03  
[86] 1990-07-03 (PCT/IT90/00059)  
[87] (WO91/00214)  
[30] IT (48159A/89) 1989-07-04

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[11] **2,064,464**  
[13] C

[51] **Int.Cl. 5C10G 33/04**  
[25] EN  
[54] **TREATMENT METHOD FOR**  
**EMULSIFIED PETROLEUM WASTES**  
[54] **METHODE DE TRAITEMENT DE**  
**RESIDUS DE PRODUITS PETROLIERS**  
**EMULSIFIES**  
[72] Sealock, L. John, Jr., US  
[72] Baker, Eddie G., US  
[72] Elliott, Douglas C., US  
[73] BATTELLE MEMORIAL INSTITUTE,  
US  
[85] 1992-02-03  
[86] 1990-08-16 (PCT/US90/04625)  
[87] (WO91/03041)  
[30] US (397,163) 1989-08-21

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[13] C  
[51] **Int.Cl. 5B29C 59/04**  
[25] EN  
[54] **STRETCH FILM**  
[54] **FILM ETIRABLE**  
[72] Salzsauler, Richard G., CA  
[72] Salzsauler, Donald J., CA  
[73] 984427 Ontario Limited, CA  
[22] 1992-05-19

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[11] **2,069,675**  
[13] C  
[51] **Int.Cl. 5G10L 5/04**  
[25] EN  
[54] **FLEXIBLE VOCABULARY**  
**RECOGNITION**  
[54] **SYSTEME DE RECONNAISSANCE**  
**VOCALE SOUPLE**  
[72] Gupta, Vishwa Nath, CA  
[72] Lennig, Matthew, CA  
[72] Kenny, Patrick Joseph, CA  
[72] Toulson, Christopher Kenneth, CA  
[73] BELL CANADA, CA  
[22] 1992-05-27  
[30] US (772,903) 1991-10-08

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[11] **2,072,966**  
[13] C  
[51] **Int.Cl. 5B60K 6/02**  
[25] EN  
[54] **METHOD AND APPARATUS FOR**  
**PROPELLING AND RETARDING OFF-**  
**ROAD HAULERS**  
[54] **APPAREIL SERVANT A**  
**PROPULSER ET A RALENTIR DES**  
**REMORQUES TOUS TERRAINS**  
[72] Johnston, Ronald Allen, US  
[72] Baker, Dwight, US  
[72] Nelson, Gary Lee, US  
[73] MARATHON LETOURNEAU  
COMPANY, US  
[85] 1992-05-05  
[86] 1990-11-23 (PCT/US90/06712)  
[87] (WO91/08121)  
[30] US (443,177) 1989-11-30

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[11] **2,073,121**  
[13] C  
[51] **Int.Cl. 5H04Q 11/04 5H04L 12/56**  
[25] EN  
[54] **METHOD AND ARRANGEMENT**  
**FOR DATA TRANSMISSION**  
[54] **METHODE ET DISPOSITIF DE**  
**TRANSMISSION DE DONNEES**  
[72] Zijderhand, Frans, NL  
[73] KONINKLIJKE PHILIPS  
ELECTRONICS N.V., NL  
[22] 1992-07-03  
[30] EP (91201764.7) 1991-07-08

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[11] **2,073,651**  
[13] C  
[51] **Int.Cl. 5B32B 15/00 5C23C 14/06**  
[25] EN  
[54] **NON-STOICHIOMETRIC**  
**TITANIUM NITRIDE COATING**  
[54] **REVETEMENT NON**  
**STOECHIOMETRIQUE DE NITRURE**  
**DE TITANE**  
[72] Sue, Jijnjen Albert, US  
[72] Troue, Harden Henry, US  
[73] Praxair S.T. Technology, Inc., US  
[22] 1992-07-10  
[30] US (7-728,338) 1991-07-11

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[11] **2,076,666**  
[13] C  
[51] **Int.Cl. 5G06F 11/10 5G11B 20/18**  
**5G06F 11/20**  
[25] EN  
[54] **DATA STORAGE APPARATUS**  
**AND METHOD**  
[54] **APPAREIL ET METHODE DE**  
**STOCKAGE DE DONNEES**  
[72] Jaffe, David H., US  
[72] Powers, David T., US  
[72] Gajjar, Kumar, US  
[72] Glider, Joseph S., US  
[72] Idleman, Thomas E., US  
[73] EMC CORPORATION, US  
[85] 1992-08-20  
[86] 1991-02-27 (PCT/US91/01252)  
[87] (WO91/13404)  
[30] US (488,749) 1990-03-02

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[11] **2,076,744**  
[13] C  
[51] **Int.Cl. 5C12N 7/00 5C12N 7/08**  
**5A61K 39/275**  
[25] EN  
[54] **VIRAL AGENT ASSOCIATED**  
**WITH MYSTERY SWINE DISEASE**  
[54] **AGENT VIRAL ASSOCIE A LA**  
**MALADIE MYSTERIEUSE DU PORC**  
[72] Chladek, Danny W., US  
[72] Gorcyca, David E., US  
[72] Harris, Louis L., US  
[73] Boehringer Ingelheim Animal Health,  
Inc., US  
[22] 1992-08-24  
[30] US (749,839) 1991-08-26  
[30] US (841,692) 1992-02-26  
[30] US (921,891) 1992-08-05

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[11] **2,080,366**  
[13] C  
[51] **Int.Cl. 5H02H 9/04**  
[25] EN  
[54] **SURGE SUPPRESSION AND**  
**FAULT CONTAINMENT CIRCUIT AND**  
**PACKAGING THEREFOR**  
[54] **CIRCUIT LIMITEUR DE**  
**DEFAILLANCE ET DE SURTENSION,**  
**ET CONDITIONNEMENT CONNEXE**  
[72] Haun, Andy Allen, US  
[72] Tessmer, Earl John, US  
[73] SQUARE D COMPANY, US  
[85] 1992-10-09  
[86] 1992-02-11 (PCT/US92/01108)  
[87] (WO92/15139)  
[30] US (654,848) 1991-02-13

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[11] **2,082,555**  
[13] C  
[51] **Int.Cl. 5B25C 1/12 5B27F 7/00**  
[25] EN  
[54] **CARTRIDGE CLIP FOR SETTING**  
**TOOL**  
[54] **CHARGEUR POUR PISTOLET DE**  
**SCELLEMENT**  
[72] Hilmert, Uwe, CH  
[72] Frommelt, Markus, LI  
[73] Hilti Aktiengesellschaft, LI  
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[30] DE (P 41 36 932.7) 1991-11-11

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[11] **2,085,918**  
[13] C

[51] **Int.Cl. 5A61F 2/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR BILATERAL INTRA-AORTIC BYPASS**  
[54] **METHODE ET APPAREIL POUR PONTAGE INTRA-AORTIQUE BILATERAL**  
[72] Palmaz, Julio C., US  
[72] Laborde, Jean Claude, FR  
[73] JOHNSON & JOHNSON INC., CA  
[22] 1992-12-21  
[30] US (07/818,052) 1992-01-08

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[11] **2,086,502**  
[13] C

[51] **Int.Cl. 5C08L 77/00 5C08L 41/00 5A43B 13/04**  
[25] FR  
[54] **PROCEDE DE PREPARATION DE MATERIAU COMPOSITE FORME D'UN ELASTOMERE VULCANISE ASSOCIE A UN ELASTOMERE THERMOPLASTIQUE A SEQUENCES DE POLYAMIDES, MATERIAU COMPOSITE AINSI CONSTITUE ET ARTICLES DE SPORT REALISES A L'AIDE DE CES MATERIAUX**  
[54] **PROCESS FOR THE PREPARATION OF A COMPOSITE MAKE FROM A VULCANIZED ELASTOMER ASSOCIATED WITH A THERMOPLASTIC ELASTOMER CONTAINING POLYAMIDE SEQUENCES, COMPOSITE THUS MADE AND SPORTARTICLE MADE FROM SUCH MATERIALS**  
[72] Hert, Marius, FR  
[72] Alex, Patrick, FR  
[73] ELF ATOCHEM, S.A., FR  
[22] 1992-12-30  
[30] FR (91 16 400) 1991-12-31

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[11] **2,086,520**  
[13] C

[51] **Int.Cl. 5C22C 1/05 5B22D 27/20**  
[25] EN  
[54] **CAST COMPOSITE MATERIALS**  
[54] **MATERIAUX COMPOSITES COULES**  
[72] Skibo, Michael D., US  
[72] Hammond, Donald E., US  
[73] ALCAN INTERNATIONAL LIMITED, CA  
[85] 1992-12-30  
[86] 1991-07-12 (PCT/CA91/00242)  
[87] (WO92/01821)  
[30] US (572,218) 1990-08-16  
[30] US (558,630) 1990-07-26

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[25] EN  
[54] **IN-LINE DETECTOR SYSTEM FOR REAL-TIME DETERMINATION OF IMPURITY CONCENTRATION IN A FLOWING GAS STREAM**  
[54] **SYSTEME DE DETECTION MONTE SUR LE RESEAU, SERVANT A DETERMINER EN TEMPS REEL LA CONCENTRATION EN IMPURETES DANS UN FLUX GAZEUX**  
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[13] C

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[54] ENCAPSULATION DE MECANISME HAUTE TENSION DESTINEE A PREVENIR LA RUPTURE DE CE MECANISME  
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[13] C

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[25] EN  
[54] PROCESS FOR PRODUCING LOW VISCOSITY LUBRICATING BASE OIL HAVING HIGH VISCOSITY INDEX  
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[13] C

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[54] **APPAREIL A JET D'ENCRE ET COMPOSANT AMOVIBLE A JET D'ENCRE**  
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[72] Richards, Marcus, GB  
[73] Metool Products Limited, GB  
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[13] C

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[72] Waugh, Iain Wallace, NZ  
[73] GLORYWIN INTERNATIONAL GROUP LIMITED, HK  
[22] 1994-02-10

[11] **2,115,921**  
[13] C

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[54] **METHOD OF ENCODING AND DECODING A GLASSY ALLOY STRIP TO BE USED AS AN IDENTIFICATION MARKER**  
[54] **METHODE D'ENCODAGE ET DE DECODAGE D'UNE BANDE EN VERRE METALLIQUE UTILISEE A DES FINS D'IDENTIFICATION**  
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[72] Hasegawa, Ryusuke, US  
[73] AlliedSignal Inc., US  
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[87] (WO93/04538)  
[30] US (07/747,767) 1991-08-20

[11] **2,119,697**  
[13] C

[51] **Int.Cl. 6G10L 9/14**  
[25] EN  
[54] **REDUCING SEARCH COMPLEXITY FOR CODE-EXCITED LINEAR PREDICTION (CELP) CODING**  
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[73] NORTEL NETWORKS CORPORATION, CA  
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[51] **Int.Cl. 5C01B 33/34 5B01J 29/06 5B01J 37/06 5C10G 35/095 5B01D 61/14**  
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[73] EXXON CHEMICAL PATENTS INC., US  
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[11] **2,121,161**  
[13] C

[51] **Int.Cl. 5G06F 15/66**  
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[73] XEROX CORPORATION, US  
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[54] **NOUVEAUX COMPOSES PHARMACEUTIQUES ACTIFS DE TYPE FLAVILIUM**  
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[51] **Int.Cl. 5G06F 3/12**  
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[54] **IMPRIMANTE DE CODES A BARRES EN LIGNE A COMMANDES D'IMPRESSION MULTINIVEAU**  
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[11] 2,127,153  
[13] C

[51] **Int.Cl. 5A63B 69/40**  
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[54] **LANCE-BALLES**  
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[13] C

[51] **Int.Cl. 5B01D 17/05 5C08G 65/28**  
[25] EN  
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[54] **PROCEDE DE DESEMULSIFICATION D'EMULSIONS D'HUILE ET D'EAU**  
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[54] **MATELAS POUR CELLULES ELECTROCHIMIQUES**  
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[11] 2,128,305  
[13] C

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[11] 2,129,408  
[13] C

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[54] **ENSEMBLE DE CONNEXION PAR ENCLIQUETAGE**  
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[72] Greer, David Emerson, US  
[72] Wheeler, Kim David, US  
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[13] C

[51] **Int.Cl. 6A61K 38/39 5A61K 33/00 6A61K 38/18 5A61K 47/30 5A61K 47/42 5A61K 31/74**  
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[54] **USE OF INJECTABLE BIOMATERIALS FOR THE REPAIR AND AUGMENTATION OF THE ANAL SPHINCTERS**  
[54] **UTILISATION DE BIOMATERIAUX INJECTABLES POUR LA REPARATION ET L'AUGMENTATION DU SPHINCTER ANAL**  
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[73] JSF Consultants Ltd., US  
[85] 1994-08-26  
[86] 1993-02-17 (PCT/US93/01879)  
[87] (WO93/16658)  
[30] US (07/843,124) 1992-02-28

[11] 2,132,517  
[13] C

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[25] EN  
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[13] C

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[11] **2,133,792**  
[13] C

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[25] FR  
[54] **NOUVEAUX INTERMEDIAIRES  
DE PREPARATION DE LA VITAMINE A  
ET DES CAROTENOIDES ET LEUR  
PROCEDE DE PREPARATION**  
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PREPARATION OF VITAMINE A AND  
OF CAROTENOIDS AND PROCESS  
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[72] Meilland, Pierre, FR  
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[30] FR (93 11944) 1993-10-07

[11] **2,134,046**  
[13] C

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[25] EN  
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[54] **METHODE SERVANT A MOULER  
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[13] C

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THERAPEUTIC AGENTS FOR  
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[54] **AGENTS PROPHYLACTIQUES ET  
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[87] (WO94/19470)  
[30] JP (31501/93) 1993-02-22  
[30] JP (179062/93) 1993-07-20

[11] **2,134,250**  
[13] C

[51] **Int.Cl. 5F16B 2/02 5F16B 7/04 5F16B  
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[25] EN  
[54] **CLAMP WITH INCLINED SCREW**  
[54] **FIXATION MUNIE D'UNE VIS  
INCLINEE**  
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[72] Fuller, Anthony, US  
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[73] Petersen Manufacturing Co., Inc., US  
[22] 1994-10-25  
[30] US (08/281,448) 1994-07-27

[11] **2,137,980**  
[13] C

[51] **Int.Cl. 5B23K 1/20 5B23K 35/38**  
[25] FR  
[54] **PROCEDE ET DISPOSITIF DE  
FLUXAGE PAR VOIE SECHE DE  
SURFACES METALLIQUES AVANT  
BRASAGE OU ETAMAGE**  
[54] **METAL SURFACE DRY FLUXING  
METHOD AND DEVICE FOR USE  
BEFORE BRAZING OR TINNING**  
[72] Sindzingre, Thierry, FR  
[72] Rabia, Stéphane, FR  
[73] Air Liquide, société anonyme pour  
l'Étude et l'Exploitation des, FR  
[22] 1994-12-13  
[30] FR (93.15112) 1993-12-15

[11] **2,138,891**  
[13] C

[51] **Int.Cl. 5D21H 17/56 5D21H 21/20  
5D21H 17/47 5D21H 17/55**  
[25] EN  
[54] **PROCESS AND COMPOSITION  
FOR THE MANUFACTURE OF WET  
STRENGTHENED PAPER**  
[54] **PROCEDE ET COMPOSITION  
SERVANT A LA FABRICATION DE  
PAPIER RENFORCE A L'ETAT  
HUMIDE**  
[72] Miller, Andrew J., GB  
[72] Stubbs, Brian M., GB  
[73] HERCULES INCORPORATED, US  
[22] 1994-12-22  
[30] NL (9302294) 1993-12-31

[11] **2,139,254**  
[13] C

[51] **Int.Cl. 5F16L 41/08**  
[25] EN  
[54] **APPARATUS FOR INSTALLING A  
BRANCH TAPPING ON A PIPE**  
[54] **APPAREIL SERVANT A POSER  
UNE DERIVATION SUR UNE  
CONDUITE**  
[72] Lo-Pinto, Jean-Marie, FR  
[72] Foucart, Jacques, FR  
[72] Puyaumont, Jean-Claude, FR  
[72] Vilchenon, Christian, FR  
[72] Vincent, Thierry, FR  
[73] Gaz de France, FR  
[22] 1994-12-29  
[30] FR (93 15874) 1993-12-30

[11] **2,139,525**  
[13] C

[51] **Int.Cl. 6F16B 7/00**  
[25] EN  
[54] **ADJUSTABLE COUPLING**  
[54] **ACCOUPLLEMENT REGLABLE**  
[72] Liu, Yang-Ting, CA  
[73] Liu, Yang-Ting, CA  
[22] 1995-01-04  
[30] CN (94 2 19370.9) 1994-09-13



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[11] **2,139,887**  
[13] C  
[51] **Int.Cl. 6C02F 1/36 6B01J 19/08**  
[25] EN  
[54] **ULTRAVIOLET LIGHT APPARATUS FOR FLUID PURIFICATION**  
[54] **DISPOSITIF A RAYONNEMENT ULTRAVIOLET POUR LA PURIFICATION D'UN FLUIDE**  
[72] Kurtz, Mark E., US  
[72] Albertazzi, Paul, US  
[73] IDEAL HORIZONS, INC., US  
[22] 1995-01-10  
[30] US (08/363,527) 1994-12-23

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[11] **2,140,329**  
[13] C  
[51] **Int.Cl. 6G10L 9/04 6G10L 9/14**  
[25] EN  
[54] **DECOMPOSITION IN NOISE AND PERIODIC SIGNAL WAVEFORMS IN WAVEFORM INTERPOLATION**  
[54] **DECOMPOSITION EN BRUIT ET EN SIGNAUX PERIODIQUES DANS L'INTERPOLATION DES FORMES D'ONDE**  
[72] Kleijn, Willem Bastiaan, US  
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US  
[22] 1995-01-16  
[30] US (195,221) 1994-02-08

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[11] **2,140,545**  
[13] C  
[51] **Int.Cl. 6A01N 37/00 6A01N 65/00 6A61K 7/40**  
[25] EN  
[54] **USE OF FIRST RUNNINGS COCONUT FATTY ACID AS INSECT-REPELLENT**  
[54] **UTILISATION D'ACIDES GRAS PRECURSEURS DE NOIX DE COCO, COMME REPULSIFS POUR INSECTES**  
[72] Bencsits, Franz, CH  
[73] Perycut Chemie AG, CH  
[73] Bencsits, Franz, CH  
[85] 1995-01-18  
[86] 1993-07-27 (PCT/EP93/02003)  
[87] (WO94/04029)  
[30] DE (P 42 26 581.9) 1992-08-11

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[11] **2,141,900**  
[13] C  
[51] **Int.Cl. 6H04K 1/00 6H04L 9/30 6H04N 1/44**  
[25] EN  
[54] **SECURE COMMUNICATION APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE DE COMMUNICATION AVEC PROTECTION**  
[72] Mandelbaum, Richard, US  
[72] Partridge, B. Waring III, US  
[73] AMERICAN TELEPHONE AND TELEGRAPH COMPANY, US  
[22] 1995-02-06  
[30] US (206,710) 1994-03-07

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[11] **2,142,003**  
[13] C  
[51] **Int.Cl. 6H01J 7/10**  
[25] EN  
[54] **COMBINATION OF MATERIALS FOR MERCURY-DISPENSING DEVICES, METHOD OF PREPARATION AND DEVICES THUS OBTAINED**  
[54] **COMBINAISON DE MATERIAUX SERVANT DANS DES DISPOSITIFS D'ALIMENTATION EN MERCURE, METHODE D'OBTENTION ET DISPOSITIFS OBTENUS**  
[72] Schiabel, Antonio, IT  
[72] Boffito, Claudio, IT  
[73] Saes Getters S.p.A., IT  
[22] 1995-02-07  
[30] IT (MI94A000341) 1994-02-24

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[11] **2,145,708**  
[13] C  
[51] **Int.Cl. 6H04B 1/04 6H04J 13/00**  
[25] EN  
[54] **CODE DIVISION MULTIPLE ACCESS SYSTEM PROVIDING VARIABLE DATA RATE ACCESS TO A USER**  
[54] **SYSTEME A ACCES MULTIPLE PAR DIFFERENCE DE CODE OFFRANT UN CHOIX DE DEBITS D'ACCES A L'UTILISATEUR**  
[72] Gitlin, Richard Dennis, US  
[72] I. Chih-Lin, US  
[73] AT&T CORP., US  
[22] 1995-03-28  
[30] US (242,471) 1994-05-13

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[11] **2,146,830**  
[13] C  
[51] **Int.Cl. 6E03B 7/14**  
[25] EN  
[54] **APPARATUS PRIMARILY FOR THAWING FROZEN PIPES**  
[54] **APPAREIL SERVANT ESSENTIELLEMENT A DEGELER DES CABLES GELES**  
[72] Patterson, Kelly James, CA  
[73] Patterson, Kelly James, CA  
[22] 1995-04-11

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[11] **2,147,105**  
[13] C  
[51] **Int.Cl. 6A47C 7/72 6F25D 3/08 6A47C 7/74**  
[25] EN  
[54] **COMBINED SEAT-SIDE BY SIDE COOLER EQUIPMENT STORAGE DEVICE**  
[54] **DISPOSITIF DE RANGEMENT DE MATERIEL FAISANT OFFICE DE SIEGE ET DE GLACIERE**  
[72] Kennedy, Thomas A., US  
[73] T.A.K. Enterprises, Inc., US  
[22] 1995-04-13  
[30] US (08/227,068) 1994-04-13

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[11] **2,147,114**  
[13] C  
[51] **Int.Cl. 6A47C 7/72 6F25D 3/08 6A01K 97/22 6A47C 7/74**  
[25] EN  
[54] **COMBINED COOLER-SEAT SPORTS GEAR BOX**  
[54] **GLACIERE-SIEGE DE RANGEMENT TRANSPORTABLE**  
[72] Kennedy, Thomas A., US  
[73] T.A.K. Enterprises, Inc., US  
[22] 1995-04-13

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[11] **2,147,433**  
[13] C  
[51] **Int.Cl. 6B65D 71/50**  
[25] EN  
[54] **PACKAGE COMPRISING CONTAINERS, CARRIER, AND HANDLE**  
[54] **CONDITIONNEMENT COMPRENANT DES CONTENANTS, UN SUPPORT ET UNE POIGNEE**  
[72] Broskow, James A., US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 1995-04-20  
[30] US (08/238,423) 1994-05-05

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[11] **2,147,436**  
[13] C

[51] **Int.Cl. 6B65D 71/40 6B65D 75/02**  
[25] EN  
[54] **PACKAGE COMPRISING CONTAINERS IN UNITIZED UPPER AND LOWER TIERS**  
[54] **CONDITIONNEMENT COMPRENANT DES CONTENANTS EN RANGEES SUPERIEURE ET INFERIEURE**  
[72] Marco, Leslie S., US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 1995-04-20  
[30] US (08/238,421) 1994-05-05

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[11] **2,147,700**  
[13] C

[51] **Int.Cl. 6G01W 1/14**  
[25] EN  
[54] **PRECIPITATION GAUGE FOR COLLECTING SOLID AND LIQUID PRECIPITATION**  
[54] **PLUVIOMETRE POUR RECUEILLIR DES SOLIDES ET DES LIQUIDES**  
[72] Balchin, Douglas, CA  
[72] Hayhoe, Henry, CA  
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER, CA  
[22] 1995-04-24

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[11] **2,148,158**  
[13] C

[51] **Int.Cl. 6C25C 7/08**  
[25] EN  
[54] **FACILITY TO LOOSEN OFF THE LAYERS DEPOSITED UPON CATHODES**  
[54] **INSTALLATION POUR DETACHER LES COUCHES DEPOSEES SUR DES CATHODES**  
[72] Menendez, Francisco Javier Sitges, ES  
[72] Menendez, Fernando Sitges, ES  
[72] Tamargo, Francisco Alvarez, ES  
[72] Garcia, Francisco Tamargo, ES  
[72] Alvarez, Jose Maria Quiroga, ES  
[72] Lefevre, Ives, ES  
[72] Gonzalez, Carlos Gonzalez, ES  
[73] ASTURIANA DE ZINC, S. A., ES  
[22] 1995-04-28  
[30] ES (9401189) 1994-05-31

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[11] **2,148,640**  
[13] C

[51] **Int.Cl. 6G01R 1/073 6H01R 13/08 6H01R 4/48**  
[25] EN  
[54] **CONTACTING SYSTEM FOR ELECTRICAL DEVICES**  
[54] **CONTACTEUR POUR DISPOSITIFS ELECTRIQUES**  
[72] Johnson, David A., US  
[72] Kline, Eric V., US  
[72] Johnson, David A., US  
[73] JohnsTech International Corporation, US  
[22] 1995-05-04  
[30] US (08/240,021) 1994-05-09  
[30] US (08/399,745) 1995-03-07

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[11] **2,149,971**  
[13] C

[51] **Int.Cl. 6B65H 5/08**  
[25] EN  
[54] **SIMPLIFIED CAM MOTION CONTROL SYSTEM FOR CLAMPING CONVEYED WORKPIECES OF PLATE-LIKE FORM**  
[54] **SYSTEME SIMPLIFIE DE COMMANDE A CAMES POUR ASSUJETTIR DES PIECES A TRAVAILLER DE FORME PLATE**  
[72] Pache, Eric, CH  
[73] BOBST S.A., CH  
[22] 1995-05-23  
[30] CH (01591/94-1) 1994-05-24

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[11] **2,150,244**  
[13] C

[51] **Int.Cl. 6C07C 43/12**  
[25] EN  
[54] **CHLOROFLUOROETHER COMPOSITIONS AND PREPARATION THEREOF**  
[54] **COMPOSITIONS A BASE DE CHLOROFLUOROETHER ET LEUR PREPARATION**  
[72] Moore, George G. I., US  
[72] Flynn, Richard M., US  
[72] Kaufman, Robert J., US  
[72] Richard, Thomas J., US  
[73] HemaGen/PFC, US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 1995-05-25  
[86] 1993-12-08 (PCT/US93/11982)  
[87] (WO94/13612)  
[30] US (990,786) 1992-12-11

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[11] **2,151,072**  
[13] C

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **METHOD OF MULTICASTING**  
[54] **METHODE DE DIFFUSION SELECTIVE**  
[72] Kristol, David Morris, US  
[72] Paul, Sanjoy, US  
[72] Sabnani, Krishan Kumar, US  
[73] AT&T CORP., US  
[22] 1995-06-06  
[30] US (295,333) 1994-08-24

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[11] **2,153,031**  
[13] C

[51] **Int.Cl. 6H04L 12/56 6H04L 12/46**  
[25] EN  
[54] **ASYNCHRONOUS TRANSFER MODE (ATM) TRANSPORT OF VOICE-BAND SIGNALS**  
[54] **TRANSMISSION DE SIGNAUX AUDIO EN MODE DE TRANSFERT ASYNCHRONE (MTA)**  
[72] Sherif, Mostafa Hashem, US  
[73] AT&T CORP., US  
[22] 1995-06-29  
[30] US (268,600) 1994-06-30

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[11] **2,153,271**  
[13] C

[51] **Int.Cl. 6B60R 16/02**  
[25] EN  
[54] **WIRING SYSTEM FOR VEHICLE INSTRUMENT PANEL WIRE ENCAPSULATED IN RECONFIGURED VENTILATION SYSTEM**  
[54] **CABLAGE DE TABLEAU DE BORD DE VEHICULE ENCAPSULE DANS UN CONDUIT DE VENTILATION RECONFIGURE**  
[72] Beam, William M., US  
[73] Chrysler Corporation, US  
[22] 1995-07-05  
[30] US (08/271,225) 1994-07-06

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[11] 2,156,414  
[13] C

[51] Int.Cl. 6H01H 71/10  
[25] EN  
[54] **DOUBLE BREAK CIRCUIT BREAKER HAVING IMPROVED SECONDARY SECTION**  
[54] **DISJONCTEUR A DOUBLE RUPTURE COMPORTANT UNE SECTION SECONDAIRE AMELIOREE**  
[72] Bennett, Dale W., US  
[72] Sortland, Matthew D., US  
[72] Siebels, Randall L., US  
[72] Winter, John M., US  
[72] Scheel, Jerry L., US  
[73] SQUARE D COMPANY, US  
[85] 1995-08-17  
[86] 1995-01-13 (PCT/US95/00622)  
[87] (WO95/19633)  
[30] US (08/181,522) 1994-01-13

[11] 2,156,639  
[13] C

[51] Int.Cl. 6G10L 5/00 6G10L 3/02  
[25] EN  
[54] **METHOD AND APPARATUS FOR MITIGATING AUDIO DEGRADATION IN A COMMUNICATION SYSTEM**  
[54] **PROCEDE ET DISPOSITIF D'ATTENUATION DE LA DEGRADATION DU SIGNAL AUDIO DANS UN SYSTEME DE COMMUNICATIONS**  
[72] Kotzin, Michael Dale, US  
[73] MOTOROLA, INC., US  
[85] 1995-08-21  
[86] 1994-12-22 (PCT/US94/14751)  
[87] (WO95/22817)  
[30] US (08/197,908) 1994-02-17

[11] 2,156,759  
[13] C

[51] Int.Cl. 6H04B 10/145  
[25] EN  
[54] **SYNCHRONOUS POLARIZATION AND PHASE MODULATION FOR IMPROVED PERFORMANCE OF OPTICAL TRANSMISSION SYSTEMS**  
[54] **MODULATION SYNCHRONE DE LA POLARISATION POUR AMELIORER LA PERFORMANCE DES SYSTEMES DE TRANSMISSION OPTIQUES**  
[72] Bergano, Neal S., US  
[73] TYCO SUBMARINE SYSTEMS LTD., US  
[22] 1995-08-23  
[30] US (312,848) 1994-09-27

[11] 2,158,962  
[13] C

[51] Int.Cl. 6H01H 71/00 6H01H 73/02  
[25] EN  
[54] **ARC STACK FOR A CIRCUIT BREAKER**  
[54] **EMPILEMENT DE PLAQUES A DECOUPE INCURVEE POUR COUPE-CIRCUIT**  
[72] Bennett, Dale Wayne, US  
[72] Fixemer, James V., US  
[72] Siebels, Randall L., US  
[72] Van Waart, Douglas, US  
[72] Hood, Teresa I., US  
[72] Miller, Joel L., US  
[72] Schultz, Tamara L., US  
[72] Netolicky, Charles E., US  
[73] SQUARE D COMPANY, US  
[85] 1995-09-22  
[86] 1995-02-14 (PCT/US95/01850)  
[87] (WO95/22157)  
[30] US (08/195,233) 1994-02-14

[11] 2,158,966  
[13] C

[51] Int.Cl. 6H01H 71/00 6H01H 69/00  
[25] EN  
[54] **BLADE SUSPENSION ASSEMBLY FOR A CIRCUIT BREAKER**  
[54] **ENSEMBLE DE SUSPENSION A LAME COUPE-CIRCUIT**  
[72] Hood, Teresa I., US  
[72] Miller, Joel L., US  
[72] Winter, John M., US  
[72] Goble, Christopher K., US  
[72] Netolicky, Charles E., US  
[72] Emerick, W. Russell, US  
[72] Syferd, Darrol C., US  
[72] Volesky, Gary, US  
[73] SQUARE D COMPANY, US  
[85] 1995-09-22  
[86] 1995-02-13 (PCT/US95/01836)  
[87] (WO95/22165)  
[30] US (08/195,959) 1994-02-14

[11] 2,158,969  
[13] C

[51] Int.Cl. 6B02C 17/20 6B02C 23/18  
[25] EN  
[54] **ZIRCONIUM SILICATE GRINDING MEDIUM AND METHOD OF MILLING**  
[54] **MILIEU ABRASIF A BASE DE SILICATE DE ZIRCONIUM ET PROCEDE DE BROYAGE**  
[72] Brownbridge, Thomas Ian, US  
[72] Story, Phillip M., US  
[73] KERR-MCGEE CHEMICAL LLC, US  
[85] 1995-09-22  
[86] 1995-01-24 (PCT/US95/00963)  
[87] (WO95/19846)  
[30] US (08/186,085) 1994-01-25

[11] 2,160,628  
[13] C

[51] Int.Cl. 6G03B 35/10  
[25] EN  
[54] **STEREOSCOPIC CAMERA**  
[54] **APPAREIL PHOTOGRAPHIQUE STEREOSCOPIQUE**  
[72] Inaba, Minoru, JP  
[73] Inaba, Minoru, JP  
[22] 1995-10-16  
[30] JP (6-252229) 1994-10-18

[11] 2,160,656  
[13] C

[51] Int.Cl. 6H01J 1/30 6H01J 9/02 6H01J 29/46 6H01J 29/48  
[25] EN  
[54] **ELECTRON SOURCE AND IMAGE FORMING APPARATUS AS WELL AS METHOD OF PROVIDING THE SAME WITH MEANS FOR MAINTAINING ACTIVATED STATE THEREOF**  
[54] **SOURCE D'ELECTRONS ET APPAREIL D'IMAGERIE ET METHODE POUR INCORPORER A CE DERNIER UN DISPOSITIF POUR MAINTENIR LA SOURCE ACTIVEE**  
[72] Iwasaki, Tatsuya, JP  
[72] Ohnishi, Toshikazu, JP  
[73] CANON KABUSHIKI KAISHA, JP  
[22] 1995-10-16  
[30] JP (6-275544) 1994-10-17  
[30] JP (7-289172) 1995-10-12

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[11] **2,160,749**  
[13] C

[51] **Int.Cl. 6G10L 9/14 6G10L 9/00 6G10L 5/02**  
[25] EN  
[54] **SPEECH CODING APPARATUS, SPEECH DECODING APPARATUS, SPEECH CODING AND DECODING METHOD AND A PHASE AMPLITUDE CHARACTERISTIC EXTRACTING APPARATUS FOR CARRYING OUT THE METHOD**  
[54] **CODEUR DE PAROLES, DECODEUR DE SIGNAUX VOCAUX CODES, METHODE DE CODAGE ET DE DECODAGE DE PAROLES ET APPAREIL D'EXTRACTION DE CARACTERISTIQUE PHASE-AMPLITUDE METTANT EN OEUVRE CETTE METHODE**  
[72] Yamaura, Tadashi, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1995-10-17  
[30] JP (Hei 6-264832) 1994-10-28

[11] **2,161,214**  
[13] C

[51] **Int.Cl. 6C07D 223/10 6C07D 403/10 6C11D 3/28 6C11D 3/39**  
[25] EN  
[54] **BLEACHING COMPOUNDS COMPRISING SUBSTITUTED BENZOYL CAPROLACTAM BLEACH ACTIVATORS**  
[54] **COMPOSES DE BLANCHIMENT RENFERMANT DES ACTIVEURS DE BLANCHIMENT A BASE DE DERIVE DE SUBSTITUTION BENZOYLIQUE DE CAPROLACTAME**  
[72] Willey, Alan David, US  
[72] Burns, Michael Eugene, US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1995-10-23  
[86] 1994-05-12 (PCT/US94/05368)  
[87] (WO94/27970)  
[30] US (08/064562) 1993-05-20

[11] **2,161,940**  
[13] C

[51] **Int.Cl. 6G09F 13/06**  
[25] EN  
[54] **ILLUMINATED EMERGENCY SIGN UTILIZING LED UNITS**  
[54] **PANNEAU LUMINEUX D'INDICATION DE SORTIE DE SECOURS A DIODES ELECTROLUMINESCENTES**  
[72] Prothero, Elmer Eugene, US  
[73] COOPER INDUSTRIES, INC., US  
[22] 1995-11-01  
[30] US (08/405,188) 1995-03-16

[11] **2,162,073**  
[13] C

[51] **Int.Cl. 6G01R 23/16 6G01R 23/20**  
[25] EN  
[54] **APPARATUS AND METHOD FOR GENERATING A SIGNAL REPRESENTATIVE OF TOTAL HARMONIC DISTORTION IN WAVEFORMS OF AN A/C ELECTRICAL SYSTEM**  
[54] **APPAREIL ET METHODE DE GENERATION DE SIGNAUX REPRESENTATIFS DU TAUX DE DISTORSION HARMONIQUE TOTALE DANS LES FORMES D'ONDE D'UN SYSTEME ELECTRIQUE A COURANT ALTERNATIF**  
[72] Elms, Robert Tracy, US  
[73] EATON CORPORATION, US  
[22] 1995-11-03  
[30] US (334,506) 1994-11-04

[11] **2,164,522**  
[13] C

[51] **Int.Cl. 6H04B 1/18 6H04Q 7/32**  
[25] EN  
[54] **METHOD AND APPARATUS FOR IDENTIFYING SIGNALING CHANNEL**  
[54] **PROCEDE ET APPAREIL D'IDENTIFICATION D'UNE VOIE DE SIGNALISATION**  
[72] Duong, Minh Hoang, US  
[72] Dorsey, Donald Arthur, US  
[72] Johnson, Robert Michael, US  
[73] MOTOROLA, INC., US  
[85] 1995-12-05  
[86] 1995-02-23 (PCT/US95/02291)  
[87] (WO95/30283)  
[30] US (08/236,736) 1994-05-02

[11] **2,164,902**  
[13] C

[51] **Int.Cl. 6C10L 1/32 6B01F 17/16**  
[25] EN  
[54] **METHOD FOR THE PREPARATION OF VISCOUS HYDROCARBON IN AQUEOUS BUFFER SOLUTION EMULSIONS**  
[54] **METHODE POUR PREPARER DES EMULSIONS RENFERMANT DES HYDROCARBURES VISQUEUX ET UNE SOLUTION AQUEUSE TAMPON**  
[72] Silva, Felix, VE  
[72] Rivas, Hercilio, VE  
[72] Nunez, Gustavo, VE  
[72] Pasos, Dolores, VE  
[73] INTEVEP, S.A., VE  
[22] 1995-12-11  
[30] US (08/355,440) 1994-12-13

[11] **2,166,012**  
[13] C

[51] **Int.Cl. 6C09D 11/02**  
[25] EN  
[54] **USE OF POLYMERIC DYES IN HOT MELT INK JET INKS**  
[54] **UTILISATION DE COLORANTS POLYMERIQUES DANS DES ENCREs THERMOFUSIBLES POUR JET D'ENCRE**  
[72] Jaeger, C. Wayne, US  
[72] Bui, Loc V., US  
[72] Titterington, Donald R., US  
[72] King, Clifford R., US  
[73] XEROX CORPORATION, US  
[22] 1995-12-22  
[30] US (381,610) 1995-01-30

[11] **2,166,077**  
[13] C

[51] **Int.Cl. 6C25B 1/26 6C25B 15/08 6C25B 1/22**  
[25] EN  
[54] **ELECTROCHEMICAL PROCESS**  
[54] **PROCEDE ELECTROCHIMIQUE**  
[72] Falgèn, Helena, SE  
[72] Sundström, Göran, SE  
[72] Landfors, Johan, SE  
[73] EKA CHEMICALS INC., US  
[85] 1995-12-22  
[86] 1994-06-30 (PCT/SE94/00651)  
[87] (WO95/01466)  
[30] SE (9302279-6) 1993-07-02

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[11] **2,166,265**  
[13] C

[51] **Int.Cl. 6E21B 33/03**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PREVENTING ENVIRONMENTAL CONTAMINATION DUE TO FLUID LEAKAGE FROM A WELLHEAD**  
[54] **METHODE ET APPAREIL POUR PREVENIR LA CONTAMINATION DE L'ENVIRONNEMENT DUE AUX FUITES DANS UNE TETE DE PUIT'S**  
[72] Holtby, Quinn, CA  
[73] KATCH KAN HOLDINGS LTD., CA  
[22] 1995-12-28

[11] **2,166,752**  
[13] C

[51] **Int.Cl. 6H01L 29/04 6C07D 333/08 6H01L 29/12 6H01L 29/786**  
[25] EN  
[54] **ARTICLE COMPRISING ALPHA-HEXATHIENYL**  
[54] **ARTICLE CONTENANT DE L'ALPHA-HEXATHIENYLE**  
[72] Bridenbaugh, Paul Michael, US  
[72] Fleming, Robert McLemore, US  
[72] Haddon, Robert Cort, US  
[72] Laudise, Robert Alfred, US  
[72] Siegrist, Theo, US  
[73] AT&T IPM CORP., US  
[22] 1996-01-08  
[30] US (393,494) 1995-03-02

[11] **2,166,926**  
[13] C

[51] **Int.Cl. 6H01L 23/12 6H01L 23/02 6H05K 1/18**  
[25] EN  
[54] **PACKAGING MULTI-CHIP MODULES WITHOUT WIRE-BOND INTERCONNECTION**  
[54] **BOITIER DE MODULES MULTIPUCE SANS INTERCONNEXION A FILS MICROSOUEDES**  
[72] Degani, Yinon, US  
[72] Dudderar, Thomas Dixon, US  
[72] Han, Byung Joon, US  
[72] Lyons, Alan Michael, US  
[72] Tai, King Lien, US  
[73] AT&T IPM CORP., US  
[22] 1996-01-10  
[30] US (393,628) 1995-02-24

[11] **2,167,049**  
[13] C

[51] **Int.Cl. 6B65D 23/00**  
[25] EN  
[54] **CARBONATED BEVERAGE CONTAINER**  
[54] **CONTENANT POUR BOISSON GAZEUSE**  
[72] Wright, Timothy, GB  
[72] Sillince, Mark Erich, GB  
[72] Rosens, Erwin Anton, NL  
[73] Whitbread plc, GB  
[73] Heineken Technical Services B.V., NL  
[85] 1996-01-11  
[86] 1994-08-11 (PCT/GB94/01756)  
[87] (WO95/05326)  
[30] GB (9316732.8) 1993-08-12  
[30] GB (9318957.9) 1993-09-14  
[30] GB (9401168.1) 1994-01-21  
[30] GB (9413741.1) 1994-07-07

[11] **2,167,089**  
[13] C

[51] **Int.Cl. 6B01D 46/02 6B01D 46/06 6B01D 46/24 6B01D 29/66**  
[25] EN  
[54] **AN APPARATUS FOR AND A METHOD OF FILTERING GASES**  
[54] **APPAREIL DE FILTRAGE DE GAZ**  
[72] Martin, Gary, US  
[72] Lehtonen, Pekka, FI  
[73] Foster Wheeler Energia Oy, FI  
[85] 1996-01-11  
[86] 1994-07-07 (PCT/FI94/00315)  
[87] (WO95/02444)  
[30] US (08/089,814) 1993-07-12

[11] **2,168,713**  
[13] C

[51] **Int.Cl. 6A61M 25/01 6A61M 25/06**  
[25] EN  
[54] **CONTROL FORWARD/FLASHBACK FORWARD ONE HAND INTRODUCER NEEDLE AND CATHETER ASSEMBLY**  
[54] **CATHETER AVEC EMBOUT D'AIGUILLE RETRACTABLE DANS LE CATHETER SUR UNE SIMPLE MANIPULATION DE L'OPERATEUR**  
[72] Brimhall, Greg L., US  
[73] BECTON, DICKINSON AND COMPANY, US  
[22] 1996-02-02  
[30] US (08/405,324) 1995-03-16

[11] **2,168,762**  
[13] C

[51] **Int.Cl. 6G06F 9/44**  
[25] EN  
[54] **FLEXIBLE MULTI-PLATFORM PARTITIONING FOR COMPUTER APPLICATIONS**  
[54] **PARTITIONNEMENT DE PLATES-FORMES SOUPLE POUR LES APPLICATIONS INFORMATIQUES**  
[72] Butterworth, Paul, US  
[72] Cortopassi, Joseph, US  
[72] Fitts, Sean, US  
[73] SUN MICROSYSTEMS, INC., US  
[85] 1996-02-02  
[86] 1994-08-03 (PCT/US94/08785)  
[87] (WO95/04968)  
[30] US (08/101,411) 1993-08-03

[11] **2,168,935**  
[13] C

[51] **Int.Cl. 6A61J 1/14**  
[25] EN  
[54] **BLOOD COLLECTION ASSEMBLY HAVING ADDITIVE DISPENSING MEANS AND METHOD FOR SAMPLE COLLECTION USING SAME**  
[54] **SYSTEME DE COLLECTE DE SANG MUNI D'UN DISPOSITIF DISTRIBUTEUR D'ADDITIF; METHODE DE COLLECTE UTILISANT CE SYSTEME**  
[72] Grippi, Nicholas A., US  
[73] BECTON, DICKINSON AND COMPANY, US  
[22] 1996-02-06  
[30] US (08/392,003) 1995-02-21

[11] **2,169,508**  
[13] C

[51] **Int.Cl. 6F16H 1/06 6B60R 22/34**  
[25] EN  
[54] **GEAR MECHANISM AND WEBBING RETRACTOR**  
[54] **MECANISME A ENGRENAGE POUR ENROULEUR DE SANGLE**  
[72] Hori, Seiji, JP  
[73] Kabushiki Kaisha Tokai-Rika-Denki-Seisakusho, JP  
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[30] JP (7-29115) 1995-02-17

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[11] **2,169,560**  
[13] C

[51] **Int.Cl. 6A61B 17/39**  
[25] EN  
[54] **ELECTROSURGICAL APPARATUS**  
[54] **DISPOSITIF ELECTROCHIRURGICAL**  
[72] Tihon, Claude, US  
[72] Andrus, Scott W., US  
[72] Svejkovsky, Ronald, US  
[73] AMERICAN MEDICAL SYSTEMS INC., US  
[85] 1996-02-14  
[86] 1994-09-01 (PCT/IB94/00262)  
[87] (WO95/08957)  
[30] US (08/127,674) 1993-09-28

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[11] **2,170,826**  
[13] C

[51] **Int.Cl. 6B32B 5/18 6B64C 1/00 6B64C 3/26**  
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[54] **A COMPOSITE LAMINATE**  
[54] **STRATIFIEE DE MATERIAU COMPOSITE**  
[72] Healey, Michael John, GB  
[73] BRITISH AEROSPACE PUBLIC LIMITED COMPANY, GB  
[22] 1996-03-01  
[30] GB (9504372.5) 1995-03-04

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[11] **2,171,327**  
[13] C

[51] **Int.Cl. 6C12P 7/44 6C12N 1/21**  
[25] EN  
[54] **SYNTHESIS OF ADIPIC ACID FROM BIOMASS-DERIVED CARBON SOURCES**  
[54] **SYNTHESE DE L'ACIDE ADIPIQUE A PARTIR DE SOURCES CARBONEES DERIVEES DE LA BIOMASSE**  
[72] Frost, John W., US  
[72] Draths, Karen M., US  
[73] PURDUE RESEARCH FOUNDATION, US  
[85] 1996-03-07  
[86] 1994-09-02 (PCT/US94/10263)  
[87] (WO95/07996)  
[30] US (08/122,920) 1993-09-16

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[11] **2,171,958**  
[13] C

[51] **Int.Cl. 6B21B 45/08**  
[25] EN  
[54] **CLEANING METHOD AND CLEANING APPARATUS FOR SURFACE OF SHEET STEEL**  
[54] **PROCEDE ET APPAREIL DE NETTOYAGE DE PLAQUES D'ACIER**  
[72] OGAWA, Hiroyuki, JP  
[72] KUWAKO, Hiroshi, JP  
[72] SHIRAISHI, Masaji, JP  
[72] SEKINE, Takeo, JP  
[72] AOYAMA, Naotoshi, JP  
[72] KANAMOTO, Norio, JP  
[72] SHIMIZU, Masuto, JP  
[72] ADACHI, Akio, JP  
[73] KAWASAKI STEEL CORPORATION, JP  
[85] 1996-03-15  
[86] 1995-07-13 (PCT/JP95/01397)  
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[30] JP (6/165408) 1994-07-18  
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[11] **2,172,794**  
[13] C

[51] **Int.Cl. 6C22C 38/44 6C22C 38/54 6C22C 38/58**  
[25] EN  
[54] **AUSTENITIC STAINLESS STEELS FOR PRESS FORMING**  
[54] **ACIERS INOXYDABLES AUSTENITIQUES POUVANT ETRE FACONNES A LA PRESSE**  
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[72] Zhang, Qinzhong, JP  
[73] Nippon Yakin Kogyo Co., Ltd., JP  
[22] 1996-03-27  
[30] JP (7-75411) 1995-03-31  
[30] JP (7-75412) 1995-03-31  
[30] JP (7-75413) 1995-03-31  
[30] JP (7-75414) 1995-03-31  
[30] JP (7-153120) 1995-06-20  
[30] JP (7-164960) 1995-06-30

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[11] **2,173,283**  
[13] C

[51] **Int.Cl. 6H04Q 7/36 6H04B 7/14**  
[25] EN  
[54] **TRANSMISSION SYSTEM FOR WIRELESS COMMUNICATIONS**  
[54] **SYSTEME DE TRANSMISSION POUR LES COMMUNICATIONS SANS FIL**  
[72] Chu, Ta-Shing, US  
[72] Rustako, Anthony Joseph, Jr., US  
[72] Vannucci, Giovanni, US  
[72] Roman, Robert Stephen, US  
[72] Clark, Martin V., US  
[72] Driessen, Peter Frank, US  
[72] Erceg, Vinko, US  
[72] Greenstein, Lawrence Joel, US  
[73] AT&T CORP., US  
[22] 1996-04-02  
[30] US (508,858) 1995-07-28

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[11] **2,173,712**  
[13] C

[51] **Int.Cl. 6H04N 7/04 6H04N 5/60**  
[25] EN  
[54] **INTEGRATED MPEG AUDIO DECODER AND SIGNAL PROCESSOR**  
[54] **DECODEUR AUDIO ET PROCESSEUR A SIGNAUX MPEG INTEGRES**  
[72] Kitamura, John, CA  
[73] ATI TECHNOLOGIES INC., CA  
[22] 1996-04-09  
[30] US (08/581,903) 1996-01-02

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[11] **2,173,916**  
[13] C

[51] **Int.Cl. 6B22F 7/04**  
[25] EN  
[54] **LAYERED COMPOSITE CARBIDE PRODUCT AND METHOD OF MANUFACTURE**  
[54] **CARBURE MIXTE STRATIFIEE; PROCEDE DE FABRICATION**  
[72] Krall, Jack, US  
[72] Plyler, Rodger, US  
[73] Newcomer Products, Inc., US  
[22] 1996-04-11  
[30] US (08/437,869) 1995-05-09

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[11] **2,174,574**  
[13] C

[51] **Int.Cl. 6H04N 7/18 6G02B 17/00 6G02B 27/02 6H04N 5/907**  
[25] EN  
[54] **METHOD AND SYSTEM FOR PANORAMIC VIEWING**  
[54] **METHODE ET SYSTEME DE VISUALISATION PANORAMIQUE**  
[72] Nalwa, Vishvjit Singh, US  
[73] AT&T IPM CORP., US  
[22] 1996-04-19  
[30] US (431,354) 1995-04-28

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[11] **2,174,713**  
[13] C

[51] **Int.Cl. 6C01D 3/16 6B01D 15/00 6C25B 1/46**  
[25] EN  
[54] **REMOVAL OF TRACE METAL AND METALLOID SPECIES FROM BRINE**  
[54] **EXTRACTION DE METAL ET DE METALLOIDES A PARTIR DE SAUMURE**  
[72] Maycock, Kenneth R., CA  
[72] Ulan, Judith G., CA  
[72] Moser, Christen R., CA  
[73] Chemetics International Company Limited, CA  
[22] 1996-04-22  
[30] US (60/001,284) 1995-07-21

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[11] **2,175,121**  
[13] C

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **CONTROLLED ACCEPTANCE MAIL PAYMENT AND EVIDENCING SYSTEM**  
[54] **SYSTEME DE RECEPTION CONTROLEE DE VIREMENTS POSTAUX ET D'ATTESTATION**  
[72] Cordery, Robert A., US  
[72] Gravell, Linda V., US  
[72] Pintsov, Leon A., US  
[72] Weiant, Monroe A., Jr., US  
[73] Pitney Bowes Inc., US  
[22] 1996-04-26  
[30] US (08/432,733) 1995-05-02

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[11] **2,177,033**  
[13] C

[51] **Int.Cl. 6C08L 101/12 6A61L 15/62**  
[25] EN  
[54] **PH-MODIFIED POLYMER COMPOSITIONS WITH ENHANCED BIODEGRADABILITY**  
[54] **COMPOSITIONS POLYMERES A PH MODIFIE PRESENTANT UNE BIODEGRADABILITE AMELIOREE**  
[72] Honkonen, Robert S., US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-05-21  
[86] 1994-12-13 (PCT/US94/14341)  
[87] (WO95/17216)  
[30] US (08/168,434) 1993-12-20

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[11] **2,177,726**  
[13] C

[51] **Int.Cl. 6H05B 1/00**  
[25] EN  
[54] **LOW-VOLTAGE AND LOW FLUX DENSITY HEATING SYSTEM**  
[54] **SYSTEME DE CHAUFFAGE BASSE TENSION ET FAIBLE DENSITE DE FLUX**  
[72] Wildi, Theodore, CA  
[73] SPERIKA ENTERPRISES LTD., CA  
[22] 1996-05-29

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[11] **2,179,217**  
[13] C

[51] **Int.Cl. 6H04Q 7/30 6H04Q 7/36**  
[25] EN  
[54] **LAND-LINE SUPPORTED PRIVATE BASE STATION OPERABLE IN A CELLULAR SYSTEM**  
[54] **STATION DE BASE PRIVEE A LIGNES TERRESTRES POUVANT FONCTIONNER DANS UN SYSTEME CELLULAIRE**  
[72] Khan, Muzibul H., US  
[72] Saizan, Robert Thomas, US  
[73] AT&T IPM CORP., US  
[22] 1996-06-17  
[30] US (509,403) 1995-07-31

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[11] **2,179,508**  
[13] C

[51] **Int.Cl. 6A61B 17/11 6A61B 17/32**  
[25] EN  
[54] **METHOD AND INSTRUMENT FOR ESTABLISHING THE RECEIVING SITE OF A CORONARY ARTERY BYPASS GRAFT**  
[54] **PROCEDE ET INSTRUMENT SERVANT A DETERMINER LE SITE DE RECEPTION D'UNE GREFFE DE PONTAGE D'UNE ARTERE CORONAIRE**  
[72] RYGAARD, JORGEN A., DK  
[73] RYGAARD, JORGEN A., DK  
[73] OTICON A/S, DK  
[73] Bernafon AG, CH  
[85] 1996-06-19  
[86] 1994-04-12 (PCT/DK94/00148)  
[87] (WO95/17127)  
[30] DK (1455/93) 1993-12-23

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[11] **2,179,599**  
[13] C

[51] **Int.Cl. 6B05B 1/16 6B05B 3/04 6B05B 15/06**  
[25] EN  
[54] **ADJUSTABLE SPRINKLER NOZZLE**  
[54] **AJUTAGE D'ARROSEUR REGLABLE**  
[72] McKenzie, Jeff R., US  
[73] TORO COMPANY (THE), US  
[85] 1996-06-20  
[86] 1994-12-23 (PCT/US94/14829)  
[87] (WO95/17262)  
[30] US (08/173,174) 1993-12-23

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[11] **2,179,789**  
[13] C

[51] **Int.Cl. 6H04B 10/14 6H04B 10/20**  
[25] EN  
[54] **INTEGRATED-CIRCUIT OPTICAL NETWORK UNIT**  
[54] **UNITE A CIRCUIT INTEGRE POUR RESEAU OPTIQUE**  
[72] Chandrasekhar, S., US  
[72] Dentai, Andrew Gomperz, US  
[73] AT&T IPM CORP., US  
[22] 1996-06-24  
[30] US (516,472) 1995-08-17

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[11] **2,180,000**  
[13] C

[51] **Int.Cl. 6C07K 5/06 6C07C 333/04 6C07D 309/12 6A01N 47/12 6C07C 271/20 6C07C 333/20 6C07D 307/20 6C07C 317/22 6C07D 239/34 6C07D 307/38 6C07C 323/41 6C07D 333/60 6C07D 213/64**  
[25] EN  
[54] **AMINO-ACID AMIDE DERIVATIVES, METHOD FOR PRODUCING THE SAME, AND AGRICULTURAL OR HORTICULTURAL FUNGICIDES**  
[54] **DERIVE AMIDE D'ACIDE AMINE, SON PROCEDE DE PRODUCTION, ET BACTERICIDE PHYTOSANITAIRE**  
[72] Shibata, Masaru, JP  
[72] Sugiyama, Kazuhiko, JP  
[72] Yonekura, Norihisa, JP  
[72] Sakai, Junetsu, JP  
[72] Kojima, Yoshiyuki, JP  
[72] Hayashi, Shigeru, JP  
[73] IHARA CHEMICAL INDUSTRY CO., LTD., JP  
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[86] 1994-10-27 (PCT/JP94/01802)  
[87] (WO96/13481)

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[11] **2,180,242**  
[13] C

[51] **Int.Cl. 6H03M 13/22**  
[25] EN  
[54] **CONVOLUTIONAL INTERLEAVER AND DEINTERLEAVER**  
[54] **ENTRELACEUR ET DESENTRELACEUR A CONVOLUTION**  
[72] Fimoff, Mark, US  
[72] Halozan, Scott F., US  
[72] Hauge, Raymond C., US  
[73] Zenith Electronics Corporation, US  
[85] 1996-06-28  
[86] 1994-12-15 (PCT/US94/14628)  
[87] (WO95/18489)  
[30] US (08/175,325) 1993-12-29  
[30] US (08/315,153) 1994-09-29

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[11] **2,180,908**  
[13] C

[51] **Int.Cl. 6H03D 3/04**  
[25] EN  
[54] **QPSK DEMODULATOR FOR OBTAINING PHASE BY ARITHMETIC OPERATION**  
[54] **DEMODULATEUR MDPQ PERMETTANT D'EXTRAIRE LA PHASE PAR DES OPERATIONS ARITHMETIQUES**  
[72] Doi, Masayuki, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1996-07-10  
[30] JP (Hei 7-208579) 1995-08-16

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[11] **2,181,692**  
[13] C

[51] **Int.Cl. 6A61L 15/60 6A61L 15/22**  
[25] EN  
[54] **ABSORBENT MEMBERS COMPRISING ABSORBENT MATERIALS HAVING IMPROVED ABSORBENT PROPERTY**  
[54] **ELEMENTS ABSORBANTS COMPRENANT DES MATERIAUX ABSORBANTS AUX PROPRIETES ABSORBANTES AMELIOREES**  
[72] Wang, Lin, JP  
[72] Rezai, Ebrahim, JP  
[72] Hayashi, Yumiko, JP  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1996-07-19  
[86] 1995-02-01 (PCT/US95/01316)  
[87] (WO95/22358)  
[30] US (08/224,453) 1994-04-07  
[30] US (08/298,886) 1994-08-31

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[11] **2,182,060**  
[13] C

[51] **Int.Cl. 6C10G 65/04**  
[25] EN  
[54] **PROCESS FOR DESULFURIZING CATALYTICALLY CRACKED GASOLINE**  
[54] **PROCEDE DE DESULFURATION DE L'ESSENCE OBTENUE PAR CRAQUAGE CATALYTIQUE**  
[72] Hatanaka, Shigeto, JP  
[72] Hikita, Satoru, JP  
[72] Sadakane, Osamu, JP  
[72] Miyama, Tadao, JP  
[73] NIPPON MITSUBISHI OIL CORPORATION, JP  
[22] 1996-07-25  
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[13] C

[51] **Int.Cl. 6H04B 10/16 6G01M 11/00**  
[25] EN  
[54] **OPTICAL TIME DOMAIN REFLECTOMETRY**  
[54] **REFLECTOMETRIE TEMPORELLE OPTIQUE**  
[72] Spirit, David Michael, GB  
[73] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 1996-07-30  
[86] 1995-02-01 (PCT/GB95/00201)  
[87] (WO95/22212)  
[30] EP (94300897.9) 1994-02-08

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[11] **2,182,387**  
[13] C

[51] **Int.Cl. 6C09K 19/38 6C09D 5/29**  
[25] EN  
[54] **SOLIDIFIED LIQUID CRYSTALS OF CELLULOSE WITH OPTICALLY VARIABLE PROPERTIES**  
[54] **CRISTAUX LIQUIDES SOLIDIFIES DE CELLULOSE A PROPRIETES VARIABLES OPTIQUEMENT**  
[72] Revol, Jean-François, CA  
[72] Godbout, Joseph Donat Louis, CA  
[72] Gray, Derek Geoffrey, CA  
[73] PULP AND PAPER RESEARCH INSTITUTE OF CANADA, CA  
[85] 1996-07-30  
[86] 1995-02-09 (PCT/CA95/00067)  
[87] (WO95/21901)  
[30] US (08/201,450) 1994-02-14

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[11] **2,183,282**  
[13] C

[51] **Int.Cl. 6H04L 1/00**  
[25] EN  
[54] **SIGNAL RESTORATION USING LEFT-SIDED AND RIGHT-SIDED AUTOREGRESSIVE PARAMETERS**  
[54] **RECONSTRUCTION DE SIGNAUX AU MOYEN DE PARAMETRES AUTOREGRESSIFS LATERIAUX**  
[72] Etter, Walter, US  
[73] AT&T CORP., US  
[22] 1996-08-14  
[30] US (536,548) 1995-09-29

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[11] 2,184,211  
[13] C

[51] Int.Cl. 6H04Q 3/64  
[25] EN  
[54] COMPLETION OF CALLS TO A PREFERRED AGENT IN AN AUTOMATIC CALL DISTRIBUTOR  
[54] ETABLISSEMENT D'APPELS AVEC UN AGENT PRIVILEGIE DANS UN DISTRIBUTEUR D'APPELS AUTOMATIQUES  
[72] Otto, Mary Rita, US  
[73] AT&T CORP., US  
[22] 1996-08-27  
[30] US (543,539) 1995-10-16

[11] 2,184,578  
[13] C

[51] Int.Cl. 6G01R 31/36 6H02J 7/00  
[25] EN  
[54] BATTERY ENERGY MONITORING CIRCUITS  
[54] CIRCUITS DE SURVEILLANCE DE L'ENERGIE DE BATTERIES  
[72] Nor, Jiri K., CA  
[73] NORVIK TRACTION INC., CA  
[85] 1996-08-30  
[86] 1996-01-15 (PCT/CA96/00016)  
[87] (WO96/22625)  
[30] US (08/372,936) 1995-01-17

[11] 2,184,682  
[13] C

[51] Int.Cl. 6H01L 29/15 6H01L 29/04 6H01L 29/201 6H01L 29/205  
[25] EN  
[54] SOLID STATE DEVICE FOR GENERATING ELECTROMAGNETIC WAVE IN TERAHERTZ-BAND  
[54] DISPOSITIF A SEMICONDUCTEUR GENERATEUR D'ONDES ELECTROMAGNETIQUES DE FREQUENCE DE L'ORDRE DU TERAHERTZ  
[72] Yamanishi, Masamichi, JP  
[72] Kadoya, Yutaka, JP  
[73] HIROSHIMA UNIVERSITY, JP  
[22] 1996-09-03  
[30] JP (7-226,387) 1995-09-04

[11] 2,184,800  
[13] C

[51] Int.Cl. 6H04Q 7/32 6H05K 5/02  
[25] EN  
[54] RADIOTELEPHONE HANDSET HAVING A REMOVABLE, LATCHING FACEPLATE TO ACCOMMODATE A PLURALITY OF DISTINCTIVE TELEPHONE APPEARANCES  
[54] COMBINE DE RADIOTELEPHONE A PLAQUE VERROUILLABLE AMOVIBLE PERMETTANT D'OBTENIR DES APPARENCES DIFFERENTES  
[72] Mischenko, Nicholas, US  
[73] MOTOROLA, INC., US  
[22] 1996-09-04  
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[54] ANTENNE POUR DISPOSITIF DE COMMUNICATION SANS FIL  
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[54] METHODE D'ETABLISSEMENT DE CANAUX DE COMMUNICATIONS MOBILES PAR UN SYSTEME CELLULAIRE  
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[54] **ACTUATEUR MEDICAL LINEAIRE POUR DES OPERATIONS D'INTRODUCTION, DE MANIPULATIONS ET D'EXTRACTION EN CHIRURGIE**  
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[54] **DETERGENT COMPOSITION CONTAINING OLEOYL SARCOSINATE AND ANIONIC SURFACTANTS IN OPTIMUM RATIOS**  
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[13] C

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[54] **METHODE DE CONTROLE DE VIDEOCONFERENCES MULTIPOINT ET SYSTEME POUVANT SYNCHRONISER DES PAQUETS VIDEO ET AUDIO**  
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[11] **2,198,564**  
[13] C

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[54] **METHODE POUR REDUIRE LES LESIONS TISSULAIRES NON CARDIAQUES ATTRIBUABLES A L'ISCHEMIE**  
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[54] **USE OF STEM CELL FACTOR AND SOLUBLE INTERLEUKIN-6 RECEPTOR FOR THE EX VIVO EXPANSION OF HEMATOPOIETIC MULTIPOTENTIAL CELLS**  
[54] **UTILISATION DU FACTEUR DES CELLULES SOUCHES ET DU RECEPTEUR DE L'INTERLEUKINE 6 SOLUBLE DANS LE DEVELOPPEMENT EX VIVO DES CELLULES MULTIPOTENTIELLES HEMATOPOIETIQUES**  
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[54] **APPAREIL DE CONDENSATION DE VAPEUR AVEC CONDENSEUR VENTILE PROTEGE CONTRE LE GEL**  
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[73] Rheem Manufacturing Company, US  
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[54] **EMBALLAGE POUR COMPOSANTES DE CIGARETTES FAITES A LA MAIN**  
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[73] MOTOROLA, INC., US  
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[72] PEREA, Carlos Alberto, US  
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[51] Int.Cl. 6B23C 5/22  
[25] EN  
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[30] US (08/380,480) 1995-01-30

[11] 2,206,200  
[13] C

[51] Int.Cl. 6H05B 41/26 6H05B 41/30  
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[54] APPAREIL D'ECLAIRAGE PAR  
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[30] JP (102213/1997) 1997-04-18  
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[13] C

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[30] JP (102215/1997) 1997-04-18

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[13] C

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[25] EN  
[54] HEAT RECOVERY SYSTEM AND  
HEAT EXCHANGER THEREFOR  
[54] SYSTEME DE RECUPERATION DE  
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CHALEUR UTILISE DANS CELUI-CI  
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[73] DERKSEN, William E., CA  
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[13] C

[51] Int.Cl. 6G06F 1/02  
[25] EN  
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FOR GENERATING A  
PSEUDORANDOM NOISE SEQUENCE  
[54] METHODE ET APPAREIL  
PERMETTANT DE PRODUIRE UNE  
SEQUENCE DE BRUITS PSEUDO-  
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[22] 1997-07-11  
[30] US (08/687,815) 1996-07-26

[11] 2,210,229  
[13] C

[51] Int.Cl. 6H01Q 15/14  
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[54] MATERIAU POUR REFLECTEUR  
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[30] US (697,109) 1996-08-19

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[13] C

[51] Int.Cl. 6H04M 3/48  
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[54] RAPPEL AUTOMATIQUE POUR  
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[22] 1997-07-16  
[30] US (700,719) 1996-08-13

[11] 2,211,230  
[13] C

[51] Int.Cl. 6H04B 1/40  
[25] EN  
[54] A RADIO HAVING AN OPTION  
BOARD INTERFACE AND AN OPTION  
BOARD FOR USE THEREWITH  
[54] RADIO POUR VUE D'UNE  
INTERFACE DE CARTE D'OPTION ET  
CARTE D'OPTION A UTILISER AVEC  
LADITE RADIO  
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[73] MOTOROLA, INC., US  
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[13] C

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[54] **VULCANISATION**  
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[86] 1996-03-04 (PCT/US96/02904)  
[87] (WO96/30164)  
[30] US (08/412,485) 1995-03-28

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[11] **2,212,311**  
[13] C

[51] **Int.Cl. 6H04M 3/54 6H04Q 3/52**  
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[54] **COVERAGE OF REDIRECTED CALLS**  
[54] **COUVERTURE D'APPELS REACHEMINES**  
[72] WEISS, Barry E., US  
[72] MEIS, Rickie Eugene, US  
[72] LEE, Richard K., US  
[72] ACKERMAN, Anthony T., US  
[73] LUCENT TECHNOLOGIES, INC., US  
[22] 1997-07-31  
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[13] C

[51] **Int.Cl. 6F23G 7/02 6F23B 7/00 6F23N 5/00 6A01G 9/18**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING CARBON DIOXIDE, FUNGICIDAL COMPOUNDS AND THERMAL ENERGY**  
[54] **METHODE ET APPAREIL POUR PRODUIRE DU DIOXYDE DE CARBONE, DES COMPOSES FONGICIDES ET DE L'ENERGIE THERMIQUE**  
[72] CHOQUET, Claude, CA  
[73] CHOQUET, Claude, CA  
[22] 1997-09-16  
[30] US (08/721,210) 1996-09-26

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[13] C

[51] **Int.Cl. 6H04M 3/42 6H04Q 3/00**  
[25] EN  
[54] **DIRECTORY ASSISTANCE CALL PROCESSING SYSTEMS AND RELATED METHODS**  
[54] **SYSTEMES DE TRAITEMENT D'APPELS D'ASSISTANCE-ANNUAIRE ET METHODES ASSOCIEES**  
[72] MARGIOTTA, Vince Scott, US  
[72] CIRELLI, Daniel A., US  
[73] AT&T CORP., US  
[22] 1997-08-14

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[51] **Int.Cl. 6H04M 3/50**  
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[54] **METHOD AND SYSTEM FOR CALL SCREENING**  
[54] **METHODE ET SYSTEME DE FILTRAGE D'APPELS**  
[72] DEE, Heather C., US  
[72] HUBER, Kenneth M., US  
[72] HANSON, Bruce L., US  
[72] JOSEPH, Eugene J., US  
[72] SALIMANDO, Steven C., US  
[73] AT&T CORP., US  
[22] 1997-08-19  
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[51] **Int.Cl. 6H02M 3/28 6G05F 3/08 6B03C 3/68**  
[25] EN  
[54] **HIGH VOLTAGE POWER SUPPLY HAVING MULTIPLE HIGH VOLTAGE GENERATORS**  
[54] **SOURCE D'ALIMENTATION A HAUTE TENSION POSSEDANT PLUSIEURS GENERATEURS DE HAUTE TENSION**  
[72] KRICHTAFOVITCH, Igor A., US  
[72] SINITSYNA, Irina Z., US  
[73] INTERNATIONAL POWER GROUP, INC., US  
[85] 1997-09-23  
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[87] (WO96/31939)  
[30] US (08/416,997) 1995-04-05

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[51] **Int.Cl. 6G01G 19/08 6B60P 5/00**  
[25] EN  
[54] **STRUCTURE FOR MOUNTING SENSING DEVICES FOR MEASURING A VEHICLE LOAD**  
[54] **STRUCTURE DE MONTAGE POUR DISPOSITIFS MESUREURS DE CHARGE DE VEHICULES**  
[72] TAKAHASHI, Naoya, JP  
[73] YAZAKI CORPORATION, JP  
[85] 1997-09-23  
[86] 1996-05-23 (PCT/JP96/01374)  
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[11] **2,218,165**  
[13] C

[51] **Int.Cl. 6D21F 1/10 6D21F 7/08**  
[25] EN  
[54] **HIGH SUPPORT PAPERMAKERS FABRIC**  
[54] **FEUTRE DE SUPPORT ACCRU**  
[72] SHIPLEY, Gale, US  
[73] ASTENJOHNSON, INC., US  
[22] 1997-10-14  
[30] US (08/735,531) 1996-10-23

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[11] **2,219,101**  
[13] C

[51] **Int.Cl. 6G01T 1/20 6G02B 6/16**  
[25] EN  
[54] **ACTIVE CLADDING SCINTILLATING-FIBER RADIATION DETECTOR**  
[54] **DETECTEUR ACTIF DE RAYONNEMENT UTILISANT UNE FIBRE OPTIQUE SCINTILLANTE A REVETEMENT METALLIQUE**  
[72] REED, Stuart, US  
[72] JEFFERS, Larry, US  
[73] THE BABCOCK & WILCOX COMPANY, US  
[22] 1997-10-23  
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[51] **Int.Cl. 6B60R 1/12 6B60R 1/06 6G02B 7/198**  
[25] EN  
[54] **REAR-VIEW MIRROR ASSEMBLY WITH INTERNAL ANTENNA MOUNT**  
[54] **ENSEMBLE RETROVISEUR A SOCLE D'ANTENNE**  
[72] LANG, Heinrich, DE  
[73] LANG, SABINE, US  
[73] LANG, HEINRICH, DE  
[85] 1997-11-10  
[86] 1997-03-20 (PCT/US97/04251)  
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[51] **Int.Cl. 6B60R 1/06 6G02B 7/198**  
[25] EN  
[54] **REAR-VIEW MIRROR ASSEMBLY HAVING DUAL MOTOR DRIVEN MIRRORS**  
[54] **RETROVISEUR A DEUX MIROIRS ACTIONNES PAR DES MOTEURS**  
[72] LANG, Heinrich, DE  
[73] LANG, Heinrich, DE  
[73] LANG, Sabine, US  
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[86] 1997-03-20 (PCT/US97/04517)  
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[13] C  
[51] **Int.Cl. 6H04N 7/015 6H04N 5/04**  
[25] EN  
[54] **CIRCUIT FOR GENERATING FIELD IDENTIFICATION SIGNAL AND METHOD THEREFOR**  
[54] **CIRCUIT GENERATEUR DE SIGNAL D'IDENTIFICATION DE CHAMP ET METHODE ASSOCIEE**  
[72] KIM, Ki-bum, KR  
[73] SAMSUNG ELECTRONICS CO., LTD., KR  
[22] 1997-12-19  
[30] KR (97-2987) 1997-01-31

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[51] **Int.Cl. 6F02M 31/20**  
[25] EN  
[54] **FUEL COOLER FOR DIESEL ENGINES**  
[54] **REFROIDISSEUR DE CARBURANT POUR MOTEUR DIESEL**  
[72] TIGERHOLM, Lars, SE  
[73] TIGERHOLM INNOVATION AB, SE  
[22] 1998-01-07  
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[54] **HIGH-SECURITY BUCKLE**  
[54] **BOUCLE HAUTE SECURITE**  
[72] FRENCH, John M., US  
[72] WIGGER, Johannes G. F., NL  
[73] MICHAELS OF OREGON, CO., US  
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[30] US (08/788,743) 1997-01-24

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[11] **2,227,862**  
[13] C  
[51] **Int.Cl. 6H03F 3/16 6H04N 7/10 6H03F 3/26**  
[25] EN  
[54] **FIELD EFFECT TRANSISTOR CABLE TELEVISION LINE AMPLIFIER**  
[54] **AMPLIFICATEUR DE LIGNE DE CABLODIFFUSION, A TRANSISTORS A EFFET DE CHAMP**  
[72] COWEN, Martin A., US  
[72] SICLARI, Scott R., US  
[72] VENEMAN, Steven, US  
[72] THOMPSON, Leo J., US  
[73] Scientific-Atlanta, Inc., US  
[85] 1998-01-26  
[86] 1996-07-26 (PCT/US96/12186)  
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[30] US (60/001,557) 1995-07-27  
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[51] **Int.Cl. 6G01S 13/48 6G01S 7/41 6G01S 13/87**  
[25] EN  
[54] **METHOD OF CORRECTING AN OBJECT-DEPENDENT SPECTRAL SHIFT IN RADAR INTERFEROGRAMS**  
[54] **METHODE PERMETTANT DE CORRIGER LE DECALAGE SPECTRAL DEPENDANT DE L'OBJET DANS DES INTERFEROGRAMMES RADAR**  
[72] BAMLER, Richard, DE  
[72] DAVIDSON, Gordon, CA  
[73] DEUTSCHES ZENTRUM FÜR LUFT-UND RAUMFAHRT E.V., DE  
[22] 1998-02-17  
[30] DE (197 06 158.3) 1997-02-17

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[13] C  
[51] **Int.Cl. 6C23F 11/12 6C09K 5/00**  
[25] EN  
[54] **NEOACID CORROSION INHIBITORS**  
[54] **INHIBITEURS DE CORROSION A BASE DE NEO-ACID**  
[72] WOYCIESJES, Peter M., US  
[72] MERCER, William C., US  
[72] GERSHUN, Aleksei V., US  
[73] PRESTONE PRODUCTS CORPORATION, US  
[85] 1998-05-21  
[86] 1996-11-22 (PCT/US96/18657)  
[87] (WO97/20901)  
[30] US (08/567,639) 1995-12-05

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[13] C  
[51] **Int.Cl. 6E04D 13/16 6E04C 3/04 6E04B 1/74**  
[25] EN  
[54] **INSULATED EAVE STRUT MEMBER**  
[54] **MONTANT-ETAI D'AVANT-TOIT ISOLE**  
[72] RESCH, Gerald F., CA  
[73] MGI CANADA INC., CA  
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[54] **METHOD FOR SEMI-CONTINUOUS CURRENCY PROCESSING USING SEPARATOR CARDS**

[54] **PROCEDE SEMI-CONTINU DE TRAITEMENT DE BILLETS DE BANQUE UTILISANT DES CARTES DE SEPARATION**

[72] KAYANI, Sohail, US

[72] SCHILD, Jeffrey Wayne, US

[73] CURRENCY SYSTEMS

INTERNATIONAL, US

[85] 1999-04-19

[86] 1997-07-22 (PCT/US97/14073)

[87] (WO98/05006)

[30] US (08/688,743) 1996-07-31

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[11] **2,272,034**

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[51] **Int.Cl. 6F24H 9/20**

[25] EN

[54] **DIAGNOSTIC SYSTEM FOR A FUEL-FIRED WATER HEATER**

[54] **SYSTEME DE DIAGNOSTIQUE POUR CHAUFFE-EAU A COMBUSTION**

[72] HENDERSON, David L., US

[72] LEEP, Jeffrey A., US

[72] HALL, Jacob H., US

[73] RHEEM MANUFACTURING

COMPANY, US

[22] 1999-05-14

[30] US (09/109,604) 1998-07-02

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[13] C

[51] **Int.Cl. 7G09F 15/00**

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[54] **SUPPORT A PICTOGRAMME INTEGRE**

[54] **INTEGRATED PICTOGRAM SUPPORT**

[72] BÉRUBÉ, CLAUDE, CA

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[51] **Int.Cl. 7H04B 1/69 7H04L 9/22**  
[25] EN  
[54] **SPREAD SPECTRUM COMMUNICATION SYSTEM**  
[54] **SYSTEME DE COMMUNICATION A SPECTRE ETALE**  
[72] GORNEY, ROBERT E., US  
[72] RIZZO, MICHAEL A., US  
[72] PRIMICH, MARK T., US  
[71] GORNEY, ROBERT E., US  
[71] RIZZO, MICHAEL A., US  
[71] PRIMICH, MARK T., US  
[22] 1993-06-21  
[43] 2000-06-10

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[13] A1  
[51] **Int.Cl. 6H02H 7/16**  
[25] FR  
[54] **APPAREIL ET METHODE DE COMMUTATION POUR DES LIGNES DE TRANSPORT D'ENERGIE ELECTRIQUE**  
[54] **APPARATUS AND SWITCHING METHOD FOR ELECTRIC POWER TRANSMISSION LINES**  
[72] COUTURE, Pierre, CA  
[71] HYDRO-QUEBEC, CA  
[22] 1998-12-04  
[43] 2000-06-04

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[21] **2,254,306**  
[13] A1  
[51] **Int.Cl. 6D06F 57/12**  
[25] FR  
[54] **DISPOSITIF DE FIXATION D'UN ETENDAGE**  
[54] **DEVICE FOR ATTACHING A CLOTHES LINE**  
[72] CANOVAS, Ginès, FR  
[72] O'BURILL, Alain, FR  
[71] CANOVAS, Ginès, FR  
[71] O'BURILL, Alain, FR  
[22] 1998-12-09  
[43] 2000-06-09

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[13] A1  
[51] **Int.Cl. 6H04M 1/17**  
[25] EN  
[54] **TELEPAD**  
[54] **TAMPON FILTRANT POUR TELEPHONE**  
[72] SIEGLE, Ulrich, DE  
[72] KEHLING, Richard E., CA  
[71] SIEGLE, Ulrich, DE  
[71] KEHLING, Richard E., CA  
[22] 1998-12-04  
[43] 2000-06-04

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[13] A1  
[51] **Int.Cl. 6B60B 7/16**  
[25] EN  
[54] **A VEHICLE WHEEL HUB COVER ACCESSORY KIT**  
[54] **TROUSSE D'ACCESSOIRES POUR COUVERCLE DE VOLANT DE VEHICULE**  
[72] BLAIR, ROBERT JAMES, CA  
[71] BLAIR, ROBERT JAMES, CA  
[22] 1998-12-04  
[43] 2000-06-04

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[13] A1  
[51] **Int.Cl. 6B65D 30/10 6B65D 33/00**  
[25] EN  
[54] **EZ-USE BAGS**  
[54] **SACS EZ**  
[72] LAM, Bridget G., CA  
[72] LAM, Richard Y. C., CA  
[71] LAM, Bridget G., CA  
[71] LAM, Richard Y. C., CA  
[22] 1998-12-04  
[43] 2000-06-04

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[21] **2,254,331**  
[13] A1  
[51] **Int.Cl. 6E04D 13/076 6E04D 13/064**  
[25] EN  
[54] **"SEPARATION UNIT" FOR EAVESTROUGHS**  
[54] **UNITE DE SEPARATION POUR GOUTTIERES**  
[72] ST-JACQUES, Jean L., CA  
[71] ST-JACQUES, Jean L., CA  
[22] 1998-12-07  
[43] 2000-06-07

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[21] **2,254,333**  
[13] A1  
[51] **Int.Cl. 6A45C 11/00 6B44D 3/00**  
[25] EN  
[54] **PROTECTIVE COVER AND MEANS TO STORE, TRANSPORT AND DISPLAY ART WORK**  
[54] **HOUSSE PROTECTRICE ET MOYENS D'ENTREPOSER, TRANSPORTER ET D'EXPOSER DES OEUVRES D'ART**  
[72] YOON, Sebastian, CA  
[71] YOON, Sebastian, CA  
[22] 1998-12-07  
[43] 2000-06-07

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[51] **Int.Cl. 6A45D 19/00**  
[25] EN  
[54] **REUSABLE FOIL LAMINATE**  
[54] **PAPIER D'ALUMINIUM REUTILISABLE**  
[72] LOGOZAR, Victoria F., CA  
[72] EWANIKA, Dwight D., CA  
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[22] 1998-12-07  
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[51] **Int.Cl. 6E05B 3/06**  
[25] EN  
[54] **LOCK WITH IMPROVED TORSIONAL STRENGTH**  
[54] **SERRURE AVEC MEILLEURE RESISTANCE A LA TORSION**  
[72] HUANG, Lan-Shi, TW  
[71] TAIWAN FU HSING INDUSTRIAL CO., LTD., TW  
[22] 1998-12-10  
[43] 2000-06-10

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[13] A1  
[51] **Int.Cl. 6B65D 57/00 6B65D 25/04 6B65D 81/05 6B65D 5/50**  
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[54] **EXPANDABLE TAPERED SLEEVES**  
[54] **DOUBLURE DE MANCHES EXTENSIBLE**  
[72] EMERY, Roy William, CA  
[71] EMERY, Roy William, CA  
[22] 1998-12-07  
[43] 2000-06-07

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[13] A1  
[51] **Int.Cl. 6B41F 17/08 6G09F 23/10**  
[25] EN  
[54] **DESIGN-A-RAP**  
[54] **SYSTEME D'IMPRESSION SUR PAPIER D'EMBALLAGE**  
[72] SPARK, Keith B., CA  
[71] SPARK, Keith B., CA  
[22] 1998-12-07  
[43] 2000-06-07

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[13] A1  
[51] **Int.Cl. 6B60R 13/10 6B60Q 1/56**  
[25] EN  
[54] **A LICENSE PLATE SECURITY BRACKET/HOLDER**  
[54] **SUPPORT DE PLAQUES DE VEHICULE SECURITAIRE**  
[72] MCLEOD, Jon Kyle Donald, CA  
[71] MCLEOD, Jon Kyle Donald, CA  
[22] 1998-12-08  
[43] 2000-06-08

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[13] A1  
[51] **Int.Cl. 6C02F 3/10 6C02F 3/32**  
[25] EN  
[54] **COLLECTING PROCESSING AND DISPOSING OF CAR AND INDUSTRIAL TOXIC EMISSIONS**  
[54] **PIEGEAGE, TRAITEMENT ET ELIMINATION D'EMISSIONS TOXIQUES AUTOMOBILES ET INDUSTRIELLES**  
[72] IZATT, James Paterson, CA  
[72] IZATT, Sylvia Fay, CA  
[71] IZATT, James Paterson, CA  
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[22] 1998-12-04  
[43] 2000-06-04

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[13] A1  
[51] **Int.Cl. 6F16C 9/04**  
[25] EN  
[54] **CRANKSHAFT AND CONNECTING ROD BEARING**  
[54] **PLIER DE VILEBREQUIN ET DE BIELLES**  
[72] SCHOCK, Sam S., CA  
[71] SCHOCK, Sam S., CA  
[22] 1998-12-04  
[43] 2000-06-04

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[13] A1  
[51] **Int.Cl. 6A61M 16/12**  
[25] EN  
[54] **SPECIAL GAS DOSE DELIVERY APPARATUS FOR RESPIRATION EQUIPMENT**  
[54] **APPAREIL POUR FOURNIR UNE DOSE DE GAZ PARTICULIERE A DE L'EQUIPEMENT RESPIRATOIRE**  
[72] HEINONEN, Erkki, FI  
[71] INSTRUMENTARIUM CORPORATION, FI  
[22] 1998-12-04  
[43] 2000-06-04

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[13] A1  
[51] **Int.Cl. 6H01J 49/40**  
[25] EN  
[54] **IMPROVEMENTS IN MS/MS METHODS FOR A QUADRUPOLE/TIME OF FLIGHT TANDEM MASS SPECTROMETER**  
[54] **AMELIORATIONS DES METHODES MS/MS POUR UN SPECTROMETRE DE MASSE EN TANDEM QUADRUPOLAIRE/A TEMPS DE VOL**  
[72] CHERNUSHEVICH, Igor, CA  
[72] THOMSON, Bruce, CA  
[71] MDS INC., CA  
[22] 1998-12-04  
[43] 2000-06-04

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[13] A1  
[51] **Int.Cl. 6B60R 21/13 6B62D 33/06**  
[25] EN  
[54] **MODULAR OPERATOR ENCLOSURE**  
[54] **CABINE MODULAIRE DE VEHICULE**  
[72] O'NEILL, Michael Jerome, US  
[72] BOCKSNICK, John Louis, US  
[72] GOERTZEN, Irvin, CA  
[72] REIMER, Michael Perry, CA  
[72] FRIESEN, Leon Roy, CA  
[71] DEERE & COMPANY, US  
[22] 1998-12-17  
[43] 2000-06-09  
[30] US (P-99,906) 1998-12-09

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[13] A1  
[51] **Int.Cl. 6B65G 41/00 6B65G 21/12 6B65G 65/28**  
[25] EN  
[54] **TRAILER CONVEYOR ADAPTED FOR KIDNEY SHAPED STOCKPILING**  
[54] **TRANSPORTEUR DE REMORQUE ADAPTE A LA MISE EN STOCK EN FORME DE HARICOT**  
[72] LAPPER, Derek, CA  
[72] MCCLOSKEY, Pashal, CA  
[71] LAPPER, Derek, CA  
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[43] 2000-06-04

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[13] A1

[51] **Int.Cl. 6G06F 17/11 6G06F 7/548**  
[25] EN  
[54] **AN APPARATUS FOR DETERMINING THE VALUES OF ELEMENTARY, TRIGONOMETRIC AND HYPERBOLIC FUNCTIONS AND PROCESS FOR MAKING SAME**  
[54] **UN APPAREIL POUR DETERMINER LES VALEURS DE FONCTIONS ELEMENTAIRES, TRIGONOMETRIQUES ET HYPERBOLIQUES ET PROCEDE POUR LE FABRIQUER**  
[72] ELGUIBALY, Fayez, CA  
[71] UNIVERSITY OF VICTORIA INNOVATION AND DEVELOPMENT CORPORATION, CA  
[22] 1998-12-08  
[43] 2000-06-08

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[13]

[51] **Int.Cl. 6A01K 27/00**  
[25] EN  
[54] **STANDARD NYLON PET LEASH WITH ELASTIC POLYESTER WEBBING ADJUSTABLE WRISTBAND ASSEMBLY INCORPORATED INTO THE LEASH HANDLE**  
[54] **LAISSE EN NYLON ORDINAIRE D'ANIMAL DE COMPAGNIE AVEC BANDE ELASTIQUE REGLABLE EN POLYESTER DE POIGNET INCORPOREE DANS LA POIGNEE DE LA LAISSE**  
[72] HOWLETT, Keith Raymond, CA  
[71] HOWLETT, Keith Raymond, CA  
[22] 1998-12-10  
[43] 2000-06-10

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[13]

[51] **Int.Cl. 6G06F 1/16 6A47B 21/03**  
[25] EN  
[54] **HAND HAMMOCK**  
[54] **HAMAC**  
[72] MOORE, Richard Scott, CA  
[71] MOORE, Richard Scott, CA  
[22] 1998-12-10  
[43] 2000-06-10

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[13] A1

[51] **Int.Cl. 6H04L 9/30 6H04L 9/32**  
[25] EN  
[54] **ENHANCED SUBSCRIBER AUTHENTICATION PROTOCOL**  
[54] **PROTOCOLE AMELIORE D'AUTHEMIFICATION D'ABONNE**  
[72] PANJWANI, Prakash, US  
[72] BLAKE-WILSON, Simon, CA  
[71] CERTICOM CORP., CA  
[22] 1998-12-04  
[43] 2000-06-04

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[13] A1

[51] **Int.Cl. 6E21B 7/08**  
[25] EN  
[54] **APPARATUS AND METHOD FOR STABILIZED DOWNHOLE DRILLING MOTOR**  
[54] **APPAREIL ET METHODE DE FORAGE STABILISE**  
[72] CROOKS, Jay Cameron Adam, CA  
[71] CROOKS, Jay Cameron Adam, CA  
[22] 1998-12-14  
[43] 2000-06-04

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[21] **2,255,298**  
[13] A1

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **COMMUNICATION METHOD FOR PACKET SWITCHING SYSTEMS**  
[54] **METHODE DE COMMUNICATION POUR SYSTEMES A COMMUTATION DE PAQUETS**  
[72] ALEXANDER, Thomas, US  
[72] HAGGLUND, Barry Benjamin, CA  
[72] LITTLE, Vernon Robert, CA  
[71] PMC-SIERRA LTD., CA  
[22] 1998-12-07  
[43] 2000-06-04  
[30] US (09/205,728) 1998-12-04

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[21] **2,255,300**  
[13] A1

[51] **Int.Cl. 6A45B 25/08**  
[25] EN  
[54] **OPENING LOCK FOR A SUNSHADE**  
[54] **VERROU DE DISPOSITIF D'OUVERTURE DE PARASOL**  
[72] LEE, Chorng-Cheng, TW  
[71] LEE, Chorng-Cheng, TW  
[22] 1998-12-09  
[43] 2000-06-09

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[21] **2,255,304**  
[13] A1

[51] **Int.Cl. 6B01F 15/06 6E01C 19/02**  
[25] EN  
[54] **MULTIPLE DRUM MIXING SYSTEM**  
[54] **SYSTEME MALAXEUR A TAMBOURS MULTIPLES**  
[72] NIEMI, Walter, CA  
[71] NIEMI, Walter, CA  
[22] 1998-12-08  
[43] 2000-06-08

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[21] **2,255,306**  
[13] A1

[51] **Int.Cl. 6B65D 19/28 6B65D 88/14**  
[25] EN  
[54] **PALLET FOR SUPPORTING A LOAD, PARTICULARLY FOR AIR CARGO**  
[54] **PALETTE RENFORCEE, EN PARTICULIER POUR FRET AERIEN**  
[72] MORRIS, Susanne V., CA  
[72] LANGLOIS, Richard, CA  
[71] MORRIS, Susanne V., CA  
[71] LANGLOIS, Richard, CA  
[22] 1998-12-08  
[43] 2000-06-08

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[21] **2,255,309**  
[13] A1

[51] **Int.Cl. 6B60R 27/00 6B60R 25/00**  
[25] EN  
[54] **CAR ALARM**  
[54] **ALARME D'AUTOMOBILE**  
[72] KNIGHT, Shane Edwin, AU  
[71] KNIGHT, Shane Edwin, AU  
[22] 1998-12-08  
[43] 2000-06-08

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[21] **2,255,312**  
[13] A1

[51] **Int.Cl. 6A63F 9/10**  
[25] EN  
[54] **JIGSAW PUZZLE WITH MULTIPLE CHOICE OF PICTURES TO CONSTRUCT**  
[54] **CASSE-TETE PERMETTANT DE MONTER DIFFERENTES IMAGES**  
[72] MITCHELL, G. Forde, CA  
[71] MITCHELL, G. Forde, CA  
[22] 1998-12-09  
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[13] A1  
[51] **Int.Cl. 6B67D 5/62**  
[25] EN  
[54] **BEVERAGE DISPENSING APPARATUS**  
[54] **DISTRIBUTEUR DE BOISSONS**  
[72] BUCHANAN, Brent, CA  
[71] BUCHANAN, Brent, CA  
[22] 1998-12-10  
[43] 2000-06-10

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[13] A1  
[51] **Int.Cl. 6G08B 13/22 6G08B 13/24**  
[25] EN  
[54] **IMPROVED SECURITY SYSTEM FOR MONITORING THE PASSAGE OF ITEMS THROUGH DEFINED ZONES**  
[54] **SYSTEME DE SECURITE AMELIORE POUR SURVEILLER LE PASSAGE D'ARTICLES DANS DES ZONES DEFINIES**  
[72] PILESTED, Karsten, CA  
[71] DETECTAG INC., CA  
[22] 1998-12-09  
[43] 2000-06-09

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[21] **2,255,375**  
[13] A1  
[51] **Int.Cl. 6A01K 5/02 6A01F 29/02 6A01F 29/06**  
[25] EN  
[54] **CATTLE FEED MIXER WITH HAY CHOPPER**  
[54] **MELANGEUR D'ALIMENT POUR BETAIL EQUIPE D'UNE HACHEUSE DE FOIN**  
[72] ROUSSEAU, Victor, CA  
[71] ROUSSEAU, Victor, CA  
[22] 1998-12-09  
[43] 2000-06-09

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[21] **2,255,399**  
[13] A1  
[51] **Int.Cl. 6A43B 7/12 6A43D 11/00**  
[25] EN  
[54] **WATERPROOF FOOT COVERING**  
[54] **COUVRE-PIED IMPERMEABLE**  
[72] CHEN, Eddie, TW  
[71] CHEN, Eddie, TW  
[22] 1998-12-09  
[43] 2000-06-09

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[21] **2,255,414**  
[13] A1  
[51] **Int.Cl. 6A61F 13/42**  
[25] EN  
[54] **A URINE DETECTING AND SIGNALLING DEVICE FOR USE IN A DIAPER**  
[54] **DISPOSITIF DE DETECTION ET D'INDICATION DE LA PRESENCE D'URINE POUR COUCHE**  
[72] WU, Po-Chen, TW  
[71] WU, Ber-Lin, TW  
[22] 1998-12-09  
[43] 2000-06-09

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[21] **2,255,383**  
[13] A1  
[51] **Int.Cl. 6H04L 12/54 6H04Q 3/49**  
[25] EN  
[54] **CONVERSION OF A PERMANENT CONNECTION INTO A SIGNALLED PERMANENT CONNECTION AND VICE VERSA**  
[54] **CONVERSION D'UNE CONNEXION PERMANENTE EN UNE CONNEXION PERMANENTE AVEC SIGNALISATION ET VICE VERSA**  
[72] BURNS, JOHN C., CA  
[72] BOSLOY, Jonathan L., CA  
[71] NEWBRIDGE NETWORKS CORPORATION, CA  
[22] 1998-12-04  
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[21] **2,255,388**  
[13] A1  
[51] **Int.Cl. 6B60N 2/44**  
[25] EN  
[54] **AUTOMOBILE SEAT COVER**  
[54] **HOUSSE DE SIEGE D'AUTOMOBILE**  
[72] MELONE, Francis, US  
[71] MELONE, Francis, US  
[22] 1998-12-09  
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[13] A1  
[51] **Int.Cl. 6A43B 7/12 6A43D 11/00**  
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[54] **COUVRE-PIED IMPERMEABLE**  
[72] CHEN, Eddie, TW  
[71] CHEN, Eddie, TW  
[22] 1998-12-09  
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[13] A1  
[51] **Int.Cl. 6A61F 13/42**  
[25] EN  
[54] **A URINE DETECTING AND SIGNALLING DEVICE FOR USE IN A DIAPER**  
[54] **DISPOSITIF DE DETECTION ET D'INDICATION DE LA PRESENCE D'URINE POUR COUCHE**  
[72] WU, Po-Chen, TW  
[71] WU, Ber-Lin, TW  
[22] 1998-12-09  
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[21] **2,255,418**  
[13] A1  
[51] **Int.Cl. 6H04L 12/42**  
[25] EN  
[54] **RING INTERFACE AND RING NETWORK BUS FLOW CONTROL SYSTEM**  
[54] **INTERFACE EN ANNEAU ET SYSTEME DE COMMANDE DE DEBIT POUR BUS DE RESEAU EN ANNEAU**  
[72] RADHAKRISHNAN, Sivakumar, US  
[72] DABECKI, STEPHEN, CA  
[71] PMC-SIERRA LTD., CA  
[22] 1998-12-07  
[43] 2000-06-07

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[21] **2,255,423**  
[13] A1  
[51] **Int.Cl. 6G01N 33/564 6C12Q 1/02 6G01N 33/74**  
[25] EN  
[54] **METHOD OF IDENTIFYING HIGH IMMUNE RESPONSE ANIMALS**  
[54] **METHODE D'IDENTIFICATION DES ANIMAUX AYANT UNE FORTE REPONSE IMMUNITAIRE**  
[72] MALLARD, Bonnie, CA  
[72] WAGTER-LESPERANCE, Lauraine, CA  
[71] UNIVERSITY OF GUELPH, CA  
[22] 1998-12-10  
[43] 2000-06-10

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[21] **2,255,425**  
[13] A1  
[51] **Int.Cl. 6C22C 1/09**  
[25] EN  
[54] **IN SITU HYBRID METALLIC COMPOSITE**  
[54] **COMPOSITE METALLIQUE HYBRIDE IN-SITU**  
[72] ELOMARI, Samir, CA  
[72] BOUKHILI, Rachid, CA  
[71] NEWTECH ADVANCED MATERIALS INC., CA  
[22] 1998-12-10  
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[21] **2,255,429**  
[13] A1  
[51] **Int.Cl. 6E02B 3/26**  
[25] EN  
[54] **BOAT DOCK ASSIST ASSEMBLY**  
[54] **AIDE A L'ACCOSTAGE**  
[72] GREGORY, Hank, CA  
[71] GREGORY, Hank, CA  
[22] 1998-12-10  
[43] 2000-06-10

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[13]

[51] **Int.Cl. 6G01P 13/02 6G01P 1/00**  
[25] EN  
[54] **A SWIVEL DEVICE FOR A WINDCONE TOWER ASSEMBLY**  
[54] **DISPOSITIF ARTICULE POUR PYLONE DE MANCHE A VENT**  
[72] WEDGE, Larry Paul, CA  
[71] P. WEDGE CO. LTD., CA  
[22] 1998-12-10  
[43] 2000-06-10

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[21] **2,255,439**  
[13] A1

[51] **Int.Cl. 6H04N 7/173**  
[25] EN  
[54] **CENTRAL VIDEO AUTHORIZATION, ADMINISTRATION AND MAINTENANCE SYSTEM AND CONTROLLER**  
[54] **SYSTEME ET CONTROLEUR VIDEO CENTRALISES D'AUTORISATION, D'ADMINISTRATION ET DE MAINTENANCE**  
[72] JOHNS, Dennis E., CA  
[72] BRADLEY, Graham C., CA  
[72] NEWTON, Shane D., CA  
[72] SIMPSON, Alan, CA  
[71] SASKTEL, CA  
[22] 1998-12-07  
[43] 2000-06-07

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[21] **2,255,451**  
[13]

[51] **Int.Cl. 6C22C 1/09**  
[25] EN  
[54] **HIGH THERMAL CONDUCTIVE HYBRID METALLIC COMPOSITES**  
[54] **COMPOSITES METALLIQUES HYBRIDES A HAUTE CONDUCTIVITE THERMIQUE**  
[72] BOUKHILI, Rachid, CA  
[72] ELOMARI, Samir, CA  
[71] NEWTECH ADVANCED MATERIALS INC., CA  
[22] 1998-12-10  
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[21] **2,255,453**  
[13]

[51] **Int.Cl. 6C22C 1/10 6C04B 35/71 6C04B 41/88**  
[25] EN  
[54] **HYBRID METALLIC COMPOSITE MATERIALS REINFORCED WITH CERAMIC PARTICLES**  
[54] **MATERIAUX COMPOSITES METALLIQUES HYBRIDES RENFORCES DE PARTICULES DE CERAMIQUE**  
[72] ELOMARI, Samir, CA  
[72] BOUKHILI, Rachid, CA  
[72] RANCOURT, Yvon, CA  
[71] NEWTECH ADVANCED MATERIALS INC., CA  
[22] 1998-12-10  
[43] 2000-06-10

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[21] **2,255,458**  
[13]

[51] **Int.Cl. 6G04F 10/00 6A63B 59/00 6A63B 67/14**  
[25] EN  
[54] **CURLING BROOM TIMER APPARATUS**  
[54] **MINUTERIE POUR BALAI DE CURLING**  
[72] EVANS, John, CA  
[72] KELLY, Kevin D., CA  
[71] EVANS, John, CA  
[71] KELLY, Kevin D., CA  
[22] 1998-12-10  
[43] 2000-06-10

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[21] **2,255,465**  
[13] A1

[51] **Int.Cl. 6A61F 13/15**  
[25] EN  
[54] **REUSABLE WASHABLE DIAPER**  
[54] **COUCHE LAVABLE REUTILISABLE**  
[72] PRAGER, Irene, CA  
[72] READ, Elizabeth, CA  
[72] SCHREINER, David, CA  
[71] MED-I-PANT INC., CA  
[22] 1998-12-04  
[43] 2000-06-04

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[21] **2,255,472**  
[13]

[51] **Int.Cl. 6G01N 27/416 6G01N 27/49**  
[25] EN  
[54] **ELECTROCHEMICAL GAS SENSOR WITH GAS COMMUNICATION MEANS**  
[54] **DETECTEUR DE GAZ ELECTROCHIMIQUE POSSEDANT DES VOIES DE PASSAGE POUR LES GAZ**  
[72] PENG, Wenfeng, CA  
[71] SENCO SENSORS INC., CA  
[22] 1998-12-10  
[43] 2000-06-10

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[21] **2,255,478**  
[13]

[51] **Int.Cl. 6H04M 11/06 6H04M 19/08**  
[25] EN  
[54] **CABLE MODEM WITH UNINTERRUPTED POWER**  
[54] **MODEM CABLE A ALIMENTATION SANS COUPURE**  
[72] HAMMOND, James Douglas, TW  
[71] E-TECH, INC., TW  
[22] 1998-12-10  
[43] 2000-06-10

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[21] **2,255,489**  
[13] A1

[51] **Int.Cl. 6F16D 3/68**  
[25] EN  
[54] **FLEXIBLE SHAFT COUPLING**  
[54] **ACCOUPLLEMENT D'ARBRE FLEXIBLE**  
[72] DOROK, Günter, DE  
[72] MEHLAN, Andreas, DE  
[71] STROMAG AG, DE  
[22] 1998-12-08  
[43] 2000-06-08

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[21] **2,255,493**  
[13] A1

[51] **Int.Cl. 6A61L 25/00**  
[25] EN  
[54] **PHOTOCHEMICAL AGENT FOR USE AS A GLUE**  
[54] **AGENT PHOTOCHEMIQUE UTILISABLE COMME COLLE**  
[72] BLACK, Michael Darryl, CA  
[71] BLACK, Michael Darryl, CA  
[22] 1998-12-09  
[43] 2000-06-09

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[21] 2,255,504  
[13]

[51] Int.Cl. 6E05D 15/38 6E06B 3/44  
[25] EN  
[54] IMPROVED HINGE AND PANEL SURFACE GEOMETRY OF A MULTI-PANEL DOOR ASSEMBLY  
[54] GEOMETRIE AMELIOREE DES CHARNIERES ET DES PANNEAUX POUR PORTE MULTI-PANNEAUX  
[72] SCATES, John E., US  
[72] BATES, Bruce N., US  
[72] ROBERTSON, Gregory D., US  
[71] WINDSOR DOOR, INC., US  
[22] 1998-12-10  
[43] 2000-06-10

[21] 2,255,521  
[13] A1

[51] Int.Cl. 6A61K 7/42  
[25] EN  
[54] COMPOSITIONS FOR TREATMENT OF BURNS  
[54] COMPOSITIONS POUR LE TRAITEMENT DES BRULURES  
[72] DOSCH, H. Michael, CA  
[72] LI, Xiaomao, CA  
[72] OSTERMANN, Kurt, CA  
[71] PALLADIN HEALTHCARE INTERNATIONAL LTD., CA  
[22] 1998-12-09  
[43] 2000-06-09

[21] 2,255,804  
[13] A1

[51] Int.Cl. 6A61K 31/71  
[25] EN  
[54] ANTITUMORAL METHOD BY ADMINISTRATION OF PARTRICIN DERIVATIVES  
[54] METHODE ANTITUMORALE PAR ADMINISTRATION DE DERIVES DE PARTRICINE  
[72] BRUZZESE, Tiberio, IT  
[71] PROSPA B.V., NL  
[22] 1998-12-07  
[43] 2000-06-07

[21] 2,255,505  
[13] A1

[51] Int.Cl. 6A61F 13/42  
[25] EN  
[54] MICTURATION DETECTION AND TRAINING APPARATUS  
[54] APPAREIL DE DETECTION DE MICTION ET D'APPRENTISSAGE DE LA PROPRETE  
[72] PHILP, Richard B., CA  
[71] PHILP, Richard B., CA  
[22] 1998-12-08  
[43] 2000-06-08

[21] 2,255,798  
[13] A1

[51] Int.Cl. 6B29C 45/73  
[25] EN  
[54] INJECTION MOLDING COOLING CORE HAVING SPIRAL GROOVES  
[54] NOYAU DE REFROIDISSEMENT D'EQUIPEMENT DE MOULAGE PAR INJECTION A RAINURES HELICOIDALES  
[72] GELLERT, JOBST ULRICH, CA  
[71] GELLERT, JOBST ULRICH, CA  
[22] 1998-12-07  
[43] 2000-06-07

[21] 2,256,213  
[13] A1

[51] Int.Cl. 6E03D 9/08 6A61H 35/00 6A47K 3/22  
[25] FR  
[54] LA DOUCHE INTIME  
[54] THE PARTIAL SHOWER  
[72] GERVAIS, Jean-Marie, CA  
[71] GERVAIS, Jean-Marie, CA  
[22] 1998-12-04  
[43] 2000-06-04

[21] 2,255,507  
[13]

[51] Int.Cl. 6B65D 51/22 6A61J 1/20 6B65D 47/36  
[25] EN  
[54] MEDICAMENT CONTAINER CLOSURE WITH RECESSED INTEGRAL SPIKE ACCESS MEANS  
[54] DISPOSITIF DE FERMETURE DE CONTENANT A MEDICAMENT AVEC MOYEN D'ACCES INTEGRAL ET ENCASTRE DU PERFORATEUR  
[72] NIEDOSPIAL, John J., Jr., US  
[71] BRACCO INTERNATIONAL B.V., NL  
[22] 1998-12-10  
[43] 2000-06-10

[21] 2,255,800  
[13] A1

[51] Int.Cl. 6B29C 45/73  
[25] EN  
[54] INJECTION MOLDING COOLING CORE HAVING A RIBBED CAP  
[54] NOYAU DE REFROIDISSEMENT D'EQUIPEMENT DE MOULAGE PAR INJECTION A CAPUCHON CANNELE  
[72] GELLERT, JOBST ULRICH, CA  
[71] GELLERT, JOBST ULRICH, CA  
[22] 1998-12-07  
[43] 2000-06-07

[21] 2,256,846  
[13] A1

[51] Int.Cl. 6B62B 13/18 6B62B 17/02 6B62D 55/07  
[25] FR  
[54] ROUE RETRACTABLE POUR MOTONEIGE  
[54] RETRACTABLE SNOWMOBILE WHEEL  
[72] MORIN, Marius, CA  
[71] MORIN, Marius, CA  
[22] 1998-12-08  
[43] 2000-06-08

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[13] A1

[51] **Int.Cl. 6G01V 1/147 6E02D 33/00 6G01M 7/02 6E02D 1/08 6G01N 29/18**  
[25] FR  
[54] **SYSTEME D'ACQUISITION ET DE TRAITEMENT DE DONNEES MICROSEISMQUES POUR L'AUSCULTATION D'INFRASTRUCTURES DE GENIE CIVIL**  
[54] **SYSTEM FOR CAPTURING AND PROCESSING MICROSEISMIC DATA DURING THE INSPECTION OF CIVIL ENGINEERING STRUCTURES**  
[72] GOUPIL, France, CA  
[71] GOUPIL, France, CA  
[22] 1998-12-09  
[43] 2000-06-09

[21] **2,257,056**  
[13] A1

[51] **Int.Cl. 6F16C 11/12 6B66C 1/58**  
[25] EN  
[54] **PIVOT CONNECTION FOR A GRAPPLE**  
[54] **RACCORD A PIVOT POUR GRAPPIN**  
[72] HODGINS, J. Kevin, CA  
[71] 3296393 CANADA INCORPORATED, CA  
[22] 1998-12-22  
[43] 2000-06-07  
[30] US (09/206,227) 1998-12-07

[21] **2,260,558**  
[13] A1

[51] **Int.Cl. 6E06C 7/48**  
[25] EN  
[54] **LADDER STABILIZING ASSEMBLY**  
[54] **STABILISATEUR D'ECHELLE**  
[72] COTHERN, Larry G., US  
[71] COTHERN, Larry G., US  
[22] 1999-02-01  
[43] 2000-06-07  
[30] US (09/206,410) 1998-12-07

[21] **2,264,479**  
[13] A1

[51] **Int.Cl. 6A47C 3/00**  
[25] EN  
[54] **SHROUD FOR THE UNDERSIDE OF A CHAIR, AND A MOLDED SEAT FRAME FOR USE THEREOF**  
[54] **PANNEAU DE DESSOUS DE SIEGE, ET ARMATURE DE SIEGE MOULEE ADAPTEE**  
[72] PIETRZAK, Joseph J., US  
[71] PIETRZAK, Joseph J., US  
[22] 1999-03-02  
[43] 2000-06-04  
[30] US (09/205,786) 1998-12-04

[21] **2,265,267**  
[13] A1

[51] **Int.Cl. 6A22C 17/10 6A22C 11/00**  
[25] EN  
[54] **SHAPED HOT DOG AND A METHOD FOR MAKING SAME**  
[54] **SAUCISSE FUMEE FACONNEE ET METHODE DE FABRICATION**  
[72] FLEETHAM, Gregory F., CA  
[71] FLEETHAM, Gregory F., CA  
[22] 1999-03-11  
[43] 2000-06-07  
[30] US (09/206,226) 1998-12-07

[21] **2,266,270**  
[13] A1

[51] **Int.Cl. 6G06K 11/18**  
[25] EN  
[54] **COMPUTER MOUSE PAD**  
[54] **TAPIS DE SOURIS D'ORDINATEUR**  
[72] PERRY, Robert C., US  
[71] PERRY, Robert C., US  
[22] 1999-03-22  
[43] 2000-06-09  
[30] US (09/209,050) 1998-12-09

[21] **2,266,285**  
[13] A1

[51] **Int.Cl. 6B25B 13/50 6B60D 1/58**  
[25] EN  
[54] **HITCHBALL SECURING DEVICE**  
[54] **DISPOSITIF DE FIXATION DE BOULE D'ATTACHE**  
[72] WESSON, Bob, US  
[72] HERRERA, Richard, US  
[71] U-HAUL INTERNATIONAL, INC., US  
[22] 1999-03-23  
[43] 2000-06-07  
[30] US (09/206,453) 1998-12-07

[21] **2,266,567**  
[13]

[51] **Int.Cl. 6G01N 7/04**  
[25] EN  
[54] **MEASUREMENT OF SPECIFIC DISSOLVED GASES**  
[54] **MESURE DE GAZ DISSOUS PARTICULIERS**  
[72] JOHNSON, Bruce D., CA  
[72] MCNEIL, Craig L., CA  
[72] FARMER, David M., CA  
[71] HER MAJESTY THE QUEEN, IN RIGHT OF CANADA, AS REPRESENTED BY THE MINISTE, CA  
[22] 1999-03-22  
[43] 2000-06-10  
[30] US (09/208,402) 1998-12-10

[21] **2,267,673**  
[13] A1

[51] **Int.Cl. 6A23B 4/037 6A23B 7/024 6A23L 1/317 6A61K 35/32 6A61K 35/48 6A61K 35/78**  
[25] EN  
[54] **IMPROVEMENTS IN AND RELATING TO THE MANUFACTURE OF DRIED PRODUCTS**  
[54] **AMELIORATIONS DU PROCEDE DE FABRICATION DE PRODUITS DESHYDRATES ET AMELIORATIONS RELATIVES A CE PROCEDE**  
[72] BALLANTYNE, Anthony, NZ  
[71] BALLANTYNE, Anthony, NZ  
[22] 1999-03-31  
[43] 2000-06-07  
[30] NZ (333209) 1998-12-07

[21] **2,268,715**  
[13] A1

[51] **Int.Cl. 6F24H 9/14 6F16L 37/14**  
[25] EN  
[54] **A SYSTEM FOR CONNECTING VALVE UNITS FOR GAS WATER-HEATERS TO TANKS BELONGING TO THE WATER-HEATERS**  
[54] **SYSTEME POUR LE RACCORDEMENT DE BOITES A CLAPETS DE CHAUFFE-EAUX AU GAZ A DES RESERVOIRS FAISANT PARTIE DES CHAUFFE-EAUX**  
[72] TONIOLO, Alessandro, IT  
[72] VERONESE, Giuseppe, IT  
[72] SARDENA, Antonio, IT  
[71] SIT LA PRECISA S.R.L., IT  
[22] 1999-03-30  
[43] 2000-06-04  
[30] IT (PD98A000283) 1998-12-04



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[21] **2,275,799**  
[13] A1  
[51] **Int.Cl. 6G01R 31/28**  
[25] EN  
[54] **SEMICONDUCTOR DEVICE  
EVALUATION APPARATUS**  
[54] **APPAREIL D'EVALUATION DE  
DISPOSITIF A SEMICONDUCTEUR**  
[72] MASUDA, NORIO, JP  
[72] TAMAKI, NAOYA, JP  
[71] NEC CORPORATION, JP  
[22] 1999-06-21  
[43] 2000-06-04  
[30] JP (HEI. 10-346030) 1998-12-04

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[21] **2,275,801**  
[13]  
[51] **Int.Cl. 6H04L 29/06**  
[25] EN  
[54] **METHOD AND SYSTEM FOR  
SUBSCRIBER PROVISIONING OF  
WIRELESS SERVICES**  
[54] **METHODE ET SYSTEME DE  
FOURNITURE DE SERVICES SANS FIL  
A L'ABONNE**  
[72] GENTRY, WILLIAM DAVID, US  
[71] NORTEL NETWORKS  
CORPORATION, CA  
[22] 1999-06-15  
[43] 2000-06-10  
[30] US (09/209,127) 1998-12-10

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[21] **2,276,387**  
[13] A1  
[51] **Int.Cl. 6A47H 13/12 6A47H 5/032**  
[25] EN  
[54] **ADAPTER FOR CONVERSION OF  
VERTICAL BLINDS TO CURTAINS**  
[54] **ADAPTEUR DE STORES  
VERTICAUX POUR TENTURES**  
[72] MOIR, ALAN R., CA  
[71] MOIR, ALAN R., CA  
[22] 1999-06-28  
[43] 2000-06-08  
[30] US (09/206,941) 1998-12-08

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[21] **2,277,465**  
[13] A1  
[51] **Int.Cl. 6H05B 41/14 6H01J 61/02**  
[25] EN  
[54] **CAPACITIVE GLOW STARTING  
OF HIGH INTENSITY DISCHARGE  
LAMPS**  
[54] **AMORCAGE PAR DECHARGE  
LUMINESCENTE CAPACITIVE DE  
LAMPE A DECHARGE A HAUTE  
INTENSITE**  
[72] SCHOLZ, JOHN A., US  
[71] OSRAM SYLVANIA INC., US  
[22] 1999-07-13  
[43] 2000-06-04  
[30] US (09/205,581) 1998-12-04

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[21] **2,279,700**  
[13] A1  
[51] **Int.Cl. 6H01M 2/18**  
[25] EN  
[54] **GLUED PLATES FOR PEM FUEL  
CELLS**  
[54] **PLAQUES COLLEES POUR PILES  
A COMBUSTIBLES DE PEM**  
[72] FUSS, ROBERT LEE, US  
[71] GENERAL MOTORS  
CORPORATION, US  
[22] 1999-08-06  
[43] 2000-06-08  
[30] US (09/207,749) 1998-12-08

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[21] **2,279,920**  
[13] A1  
[51] **Int.Cl. 6B21B 37/16**  
[25] EN  
[54] **CROSS ROLLING MACHINE**  
[54] **MACHINE DE LAMINAGE CROISE**  
[72] KIMURA, SHINSAKU, JP  
[72] NAKAGAWA, TADASHI, JP  
[72] HAYASHI, KANJI, JP  
[71] MITSUBISHI HEAVY INDUSTRIES,  
LTD., JP  
[22] 1999-08-09  
[43] 2000-06-04  
[30] JP (345405/1998) 1998-12-04

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[21] **2,280,250**  
[13] A1  
[51] **Int.Cl. 6D01F 6/90**  
[25] EN  
[54] **ALLOY FIBERS WITH REDUCED  
HEATSET SHRINKAGE**  
[54] **FIBRES D'ALLIAGE A RETRAIT  
REDUIT LORS DU CHAUFFAGE**  
[72] READER, ARTHUR M., US  
[71] BASF CORPORATION, US  
[22] 1999-08-12  
[43] 2000-06-04  
[30] US (09/205,392) 1998-12-04

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[21] **2,281,452**  
[13] A1  
[51] **Int.Cl. 6G01R 31/02 6H01H 83/02  
6H01H 9/50**  
[25] EN  
[54] **ARC FAULT CIRCUIT  
INTERRUPTER**  
[54] **INTERRUPTEUR DE CIRCUIT  
DETECTEUR DE COURANT D'ARC**  
[72] PACKARD, THOMAS N., US  
[72] MACBETH, BRUCE F., US  
[71] PASS & SEYMOUR, INC., US  
[22] 1999-09-08  
[43] 2000-06-09  
[30] US (09/208,193) 1998-12-09

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[21] **2,282,939**  
[13]  
[51] **Int.Cl. 6H04B 10/18**  
[25] EN  
[54] **OPTICAL EQUALIZER**  
[54] **EGALISEUR OPTIQUE**  
[72] KING, JONATHAN PAUL, GB  
[71] NORTEL NETWORKS  
CORPORATION, CA  
[22] 1999-09-21  
[43] 2000-06-10  
[30] US (09/209,387) 1998-12-10

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[21] **2,283,002**  
[13]  
[51] **Int.Cl. 6F01L 1/46 6F16M 1/026  
6F16K 27/12**  
[25] EN  
[54] **ENGINE ROCKER ARM COVER  
HAVING REDUCED NOISE  
TRANSMISSION**  
[54] **COUVRE-CULASSE INSONORISE**  
[72] FREESE, CHARLES EDWIN V., US  
[71] DETROIT DIESEL CORPORATION,  
US  
[22] 1999-09-22  
[43] 2000-06-10  
[30] US (09/224,128) 1998-12-10

**Demandes canadiennes mises à la disponibilité du public**  
**4 juin 2000 - 10 juin 2000**

<p align="right">[21] <b>2,284,392</b> [13]</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b> [25] FR [54] <b>PASSERELLE PERMETTANT LE DEVELOPPEMENT DE NOUVEAUX SERVICES DE FACON INDEPENDANTE DU RESEAU SOUS-JACENT</b> [54] <b>BRIDGE PERMITTING DEVELOPMENT OF NEW SERVICES INDEPENDENT OF THE UNDERLYING NETWORK</b> [72] COUTURIER, ALBAN, FR [71] ALCATEL, FR [22] 1999-09-30 [43] 2000-06-10 [30] FR (98 15 577) 1998-12-10</p>	<p align="right">[21] <b>2,285,810</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63H 11/18</b> [25] EN [54] <b>A MECHANISM FOR MOVING THE LOWER LIMBS OF A TOY FIGURE</b> [54] <b>MECANISME POUR LE DEPLACEMENT DES MEMBRES INFERIEURS D'UNE FIGURINE JOUET</b> [72] MIGLIORATI, SOSTENE, LU [71] GIOCHI PREZIOSI LUSSEMBURGO S.A., LU [22] 1999-10-13 [43] 2000-06-04 [30] EP (98204123.8) 1998-12-04</p>	<p align="right">[21] <b>2,286,453</b> [13]</p> <p>[51] <b>Int.Cl. 6H04L 12/14</b> [25] FR [54] <b>ARCHITECTURE POUR LA GESTION DE LA TARIFICATION DANS UN RESEAU DE TELECOMMUNICATION</b> [54] <b>ARCHITECTURE FOR TARIFF MANAGEMENT IN A TELECOMMUNICATIONS NETWORK</b> [72] CHARTON, NATHALIE, FR [71] ALCATEL, FR [22] 1999-10-14 [43] 2000-06-10 [30] FR (98 15 578) 1998-12-10</p>
<p align="right">[21] <b>2,284,854</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 8/24 6F23C 11/02</b> [25] EN [54] <b>CIRCULATING FLUIDIZED BED REACTOR WITH FLOORED INTERNAL PRIMARY PARTICLE SEPARATOR</b> [54] <b>REACTEUR DE LIT FLUIDISE CIRCULANT AVEC SEPARATEUR INTERNE DE PARTICULES PRIMAIRES AU PLANCHER</b> [72] MARYAMCHIK, MIKHAIL, US [72] BELIN, FELIX, US [72] WALKER, DAVID J., US [72] ALEXANDER, KIPLIN C., US [71] THE BABCOCK &amp; WILCOX COMPANY, US [22] 1999-10-05 [43] 2000-06-07 [30] US (09/206,353) 1998-12-07</p>	<p align="right">[21] <b>2,285,813</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47C 27/18 6A47C 27/08 6A47C 27/12 6B60N 2/44</b> [25] EN [54] <b>POLYURETHANE FOAM SEATING COMPONENTS</b> [54] <b>COMPOSANTS DE SIEGES EN MOUSSE DE POLYURETHANE</b> [72] SARDANOPOLI, ARMANDO A., US [72] HUARNG, JYH-CHIARNG, US [72] CHANG, L. PATRICK, US [71] BASF CORPORATION, US [22] 1999-10-12 [43] 2000-06-07 [30] US (09/206,684) 1998-12-07</p>	<p align="right">[21] <b>2,286,968</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08J 9/10 6C09D 11/10 6C08K 5/23</b> [25] EN [54] <b>CHEMICALLY EMBOSSED METALLOCENE POLYETHYLENE FOAM</b> [54] <b>MOUSSE DE POLYETHYLENE METALLOCENE GAUFREE CHIMIQUEMENT</b> [72] DEES, MARTIN, US [72] YANG, LI-YING T., US [71] ARMSTRONG WORLD INDUSTRIES, INC., US [22] 1999-10-20 [43] 2000-06-07 [30] US (09/206,730) 1998-12-07</p>
<p align="right">[21] <b>2,285,713</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B21B 1/22 6B21B 39/02</b> [25] EN [54] <b>ROLLING ANS SHEARING PROCESS AND APPARATUS</b> [54] <b>PROCESSUS ET APPAREIL DE LAMINAGE ET DE CISAILLEMENT</b> [72] GINZBURG, VLADIMIR B., US [71] INTERNATIONAL ROLLING MILL CONSULTANTS, INC., US [71] DANIELI UNITED, A DIVISION OF DANIELI CORPORATION, US [22] 1999-10-07 [43] 2000-06-07 [30] US (09/206,532) 1998-12-07</p>	<p align="right">[21] <b>2,286,312</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/29 6C07K 7/06 6G01N 33/58 6G01N 33/68 6C12Q 1/68</b> [25] EN [54] <b>PEPTIDE FRAGMENTS DERIVED FROM CWPM23, A PROTEIN INVOLVED IN FREEZING RESISTANCE OF WINTER WHEAT</b> [54] <b>FRAGMENTS PEPTIDIQUES DERIVES DE LA CWPM23, PROTEINE JOUANT UN ROLE DANS LA RESISTANCE DU BLE D'HIVER AU GEL</b> [72] ARAKAWA, KEITA, JP [72] YOSHIDA, SHIZUO, JP [72] IBA, KOH, JP [72] TAKEZAWA, DAISUKE, JP [71] KYUSHU UNIVERSITY, JP [22] 1999-10-26 [43] 2000-06-09 [30] JP (10-349,459) 1998-12-09</p>	<p align="right">[21] <b>2,287,010</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/56</b> [25] EN [54] <b>NETWORK PATH PROTECTION</b> [54] <b>PROTECTION DE TRAJET DE RESEAU</b> [72] UNITT, BRIAN MICHAEL, GB [72] ATTERTON, PETER JOHN, GB [71] NORTEL NETWORKS CORPORATION, CA [22] 1999-10-20 [43] 2000-06-07 [30] US (09/206,597) 1998-12-07</p>

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[21] **2,287,101**  
[13] A1  
[51] **Int.Cl. 7A61B 19/00 6A61G 10/02**  
[25] EN  
[54] **APPARATUS FOR ESTABLISHING AND MAINTAINING A POSITIVE ATMOSPHERIC PRESSURE SURGICAL FIELD**  
[54] **APPAREIL POUR ETABLIR ET MAINTENIR UN CHAMP OPERATOIRE A PRESSION ATMOSPHERIQUE POSITIVE**  
[72] KUSLICH, STEPHEN D., US  
[71] SPINEOLOGY, INC., US  
[22] 1999-10-19  
[43] 2000-06-08  
[30] US (09/207,729) 1998-12-08

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[21] **2,287,118**  
[13] A1  
[51] **Int.Cl. 6H03M 13/12 6G10L 9/00 6H04L 1/22 6H04N 7/50**  
[25] EN  
[54] **ERROR CONCEALMENT OR CORRECTION OR SPEECH IMAGE AND VIDEO SIGNALS**  
[54] **MASQUAGE OU CORRECTION D'ERREUR DANS LES SIGNAUX DE PAROLE, D'IMAGE ET DE VIDEO**  
[72] MARVASTI, FAROKH ALIM, GB  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-10-25  
[43] 2000-06-04  
[30] EP (98309935.9) 1998-12-04

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[21] **2,287,121**  
[13] A1  
[51] **Int.Cl. 6C08J 9/16 6C08F 283/06 6C08G 18/76**  
[25] EN  
[54] **A FOAMING COMPOSITION OF SOFT POLYURETHANE**  
[54] **COMPOSITION MOUSSANTE DE POLYURETHANE SOUPLE**  
[72] LEE, SANG HWA, KR  
[72] LEE, BYOUNG JIN, KR  
[72] PARK, HEON HEE, KR  
[72] LIM, JONG YOON, KR  
[71] HYUNDAI MOTOR COMPANY, KR  
[71] KUMHO MITSUI CHEMICAL INC., KR  
[22] 1999-10-25  
[43] 2000-06-07  
[30] KR (98-49436) 1998-12-07

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[21] **2,287,141**  
[13] A1  
[51] **Int.Cl. 6G01R 33/563 6G01V 3/14**  
[25] EN  
[54] **PRECONDITIONING SPINS NEAR A NUCLEAR MAGNETIC RESONANCE REGION**  
[54] **SPINS DE PRECONDITIONNEMENT PRES D'UNE REGION DE RESONANCE MAGNETIQUE NUCLEAIRE**  
[72] SPEIER, PETER, US  
[72] GANESAN, KRISHNAMURHTY, US  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 1999-10-19  
[43] 2000-06-04  
[30] US (09/205,965) 1998-12-04

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[21] **2,287,597**  
[13] A1  
[51] **Int.Cl. 6G09F 9/00 6H04B 7/00 6H04B 10/00**  
[25] EN  
[54] **SYSTEM AND METHOD OF CONTROLLING AN ELECTRONIC PRICE LABEL**  
[54] **SYSTEME ET METHODE DE COMMANDE D'UNE ETIQUETTE DE PRIX ELECTRONIQUE**  
[72] BHYRAVABHOTLA, RAGHURAMA, US  
[71] NCR CORPORATION, US  
[22] 1999-10-26  
[43] 2000-06-04  
[30] US (09/205,741) 1998-12-04

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[21] **2,287,599**  
[13] A1  
[51] **Int.Cl. 6G09F 9/00**  
[25] EN  
[54] **METHOD OF DISPLAYING TEMPORARY INFORMATION BY AN ELECTRONIC PRICE LABEL**  
[54] **METHODE D'AFFICHAGE D'INFORMATION TEMPORAIRE AU MOYEN D'UNE ETIQUETTE DE PRIX ELECTRONIQUE**  
[72] GOODWIN, JOHN C., III, US  
[71] NCR CORPORATION, US  
[22] 1999-10-26  
[43] 2000-06-04  
[30] US (09/205,739) 1998-12-04

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[21] **2,287,600**  
[13] A1  
[51] **Int.Cl. 6G09F 9/00**  
[25] EN  
[54] **METHOD OF DISPLAYING INFORMATION BY AN ELECTRONIC PRICE LABEL**  
[54] **METHODE D'AFFICHAGE D'INFORMATION AU MOYEN D'UNE ETIQUETTE DE PRIX ELECTRONIQUE**  
[72] GOODWIN, JOHN C., III, US  
[71] NCR CORPORATION, US  
[22] 1999-10-26  
[43] 2000-06-04  
[30] US (09/205,740) 1998-12-04

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[21] **2,287,607**  
[13]  
[51] **Int.Cl. 6H04Q 1/24 6H05K 10/00 6H04B 1/74**  
[25] EN  
[54] **DISTRIBUTED 1XN PROTECTION SWITCHING ARCHITECTURE**  
[54] **ARCHITECTURE DE COMMUTATION NORMAL/SECOURS 1XN REPARTIE**  
[72] SIVARASA, SRIRAM, US  
[72] MARCOTTE, DONALD ROGER, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-10-26  
[43] 2000-06-10  
[30] US (09/209,077) 1998-12-10

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[21] **2,287,613**  
[13] A1  
[51] **Int.Cl. 6H04Q 3/66 6H04Q 7/38**  
[25] EN  
[54] **METHODS AND APPARATUS FOR ROUTE OPTIMIZATION IN A COMMUNICATIONS SYSTEM**  
[54] **METHODES ET APPAREILLAGE D'OPTIMISATION DE CHEMIN DANS UN SYSTEME DE COMMUNICATIONS**  
[72] BUDKA, KENNETH CARL, US  
[72] YUE, ON-CHING, US  
[72] CHUAH, MOOI CHOO, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-10-26  
[43] 2000-06-07  
[30] US (09/206,428) 1998-12-07

**Demandes canadiennes mises à la disponibilité du public**  
**4 juin 2000 - 10 juin 2000**

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[21] **2,287,626**  
[13] A1

[51] **Int.Cl. 6H04L 29/06 6H04Q 3/47**  
[25] EN  
[54] **A METHOD AND SYSTEM FOR PROVIDING WIRELESS MOBILE SERVER AND PEER-TO-PEER SERVICES WITH DYNAMIC DNS UPDATE**  
[54] **METHODE ET SYSTEME DE PRESTATION D'UN SERVEUR MOBILE SANS FIL ET DE SERVICES D'EGAL A EGAL, AVEC MISE A JOUR DYNAMIQUE DU SERVEUR DNS**  
[72] WANG, JIN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-10-25  
[43] 2000-06-04  
[30] US (09/205,963) 1998-12-04

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[21] **2,287,656**  
[13] A1

[51] **Int.Cl. 6H04B 10/12**  
[25] EN  
[54] **AUTOMATIC POWER SHUT-DOWN ARRANGEMENT FOR OPTICAL LINE SYSTEMS**  
[54] **ARRANGEMENT D'ARRET AUTOMATIQUE DE L'ALIMENTATION POUR SYSTEMES A LIGNES OPTIQUES**  
[72] CZARNOCHA, WILLIAM, US  
[72] NG, CHU, US  
[72] MCKAY, BRADLEY A., US  
[72] ISRAEL, JOHN G., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-10-27  
[43] 2000-06-04  
[30] US (09/205,512) 1998-12-04

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[21] **2,287,657**  
[13]

[51] **Int.Cl. 6H04Q 3/64 6H04Q 3/42**  
[25] EN  
[54] **METHOD FOR THE MANAGEMENT OF AN AUTOMATIC BRANCH EXCHANGE WITH THE CREATION OF A TABLE OF USERS, AND CORRESPONDING AUTOMATIC BRANCH EXCHANGE**  
[54] **METHODE DE GESTION D'UN CENTRAL SECONDAIRE AUTOMATIQUE PAR CREATION D'UN TABLEAU DES UTILISATEURS, ET CENTRAL SECONDAIRE AUTOMATIQUE CORRESPONDANT**  
[72] LEBOULZEC, DIDIER, FR  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-10-27  
[43] 2000-06-10  
[30] EP (98460056.9) 1998-12-10

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[21] **2,287,676**  
[13] A1

[51] **Int.Cl. 6B66D 1/30 6B66D 1/36 6F16H 55/50**  
[25] EN  
[54] **AN IMPROVED GROOVE DESIGN FOR WIRE ROPE DRUMS AND SHEAVES**  
[54] **CONCEPTION AMELIOREE DE SILLON POUR TAMBOURS D'ENROULEMENT ET REAS DE CABLES METALLIQUES**  
[72] SCHWAKE, JEFFREY S., US  
[71] HARNISCHFEGER TECHNOLOGIES, INC., US  
[22] 1999-10-27  
[43] 2000-06-07  
[30] US (09/206,999) 1998-12-07

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[21] **2,287,685**  
[13] A1

[51] **Int.Cl. 6H04M 11/06 6H04L 12/20**  
[25] EN  
[54] **DYNAMIC BANDWIDTH AND SYMMETRY ALLOCATION OF DIGITAL SUBSCRIBER LINE CHANNELS**  
[54] **ATTRIBUTION DYNAMIQUE DE CANAUX DE LIGNE D'ABONNE NUMERIQUE EN FONCTION DE LA LARGEUR DE BANDE ET DE LA SYMETRIE**  
[72] SZURKOWSKI, EDWARD STANLEY, US  
[72] NETRAVALI, ARUN NARAYAN, US  
[72] ARAVAMUDAN, MURALI, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-10-28  
[43] 2000-06-07  
[30] US (09/206,423) 1998-12-07

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[21] **2,287,690**  
[13] A1

[51] **Int.Cl. 6H04M 11/06 6H04L 12/20**  
[25] EN  
[54] **DYNAMIC CONFIGURATION OF DIGITAL SUBSCRIBER LINE CHANNELS**  
[54] **CONFIGURATION DYNAMIQUE DE CANAUX DE LIGNE D'ABONNE NUMERIQUE**  
[72] SZURKOWSKI, EDWARD STANLEY, US  
[72] ARAVAMUDAN, MURALI, US  
[72] NETRAVALI, ARUN NARAYAN, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-10-28  
[43] 2000-06-07  
[30] US (09/206,431) 1998-12-07

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[21] **2,287,700**  
[13]

[51] **Int.Cl. 6D21H 21/20**  
[25] EN  
[54] **HIGH WET AND DRY STRENGTH PAPER PRODUCT**  
[54] **PAPIER TRES RESISTANT A L'ETAT HUMIDE ET A L'ETAT SEC**  
[72] SMITH, MICHAEL J., US  
[72] BUSHMAN, GARY L., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 1999-10-26  
[43] 2000-06-10  
[30] US (09/208,702) 1998-12-10

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[21] **2,287,759**  
[13] A1  
[51] **Int.Cl. 7H04B 7/06**  
[25] EN  
[54] **WIRELESS TRANSMISSION METHOD FOR ANTENNA ARRAYS USING UNITARY SPACE-TIME SIGNALS**  
[54] **METHODE DE TRANSMISSION SANS FIL POUR RESEAUX D'ANTENNE UTILISANT DES SIGNAUX ESPACE-TEMPS UNITAIRES**  
[72] HOCHWALD, BERTRAND M., US  
[72] MARZETTA, THOMAS LOUIS, US  
[72] SWELDENS, WIM, US  
[72] RICHARDSON, THOMAS J., US  
[72] URBANKE, RUDIGER L., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-10-29  
[43] 2000-06-07  
[30] US (09/206,843) 1998-12-07

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[21] **2,287,808**  
[13] A1  
[51] **Int.Cl. 6C09D 4/02**  
[25] FR  
[54] **COMPOSITIONS SILICO-ACRYLIQUES, PROCEDE DE PREPARATION ET APPLICATION A L'OBTENTION DE REVETEMENTS RESISTANT A L'ABRASION ET AUX RAYURES**  
[54] **SILICO-ACRYLIC COMPOUNDS, PROCEDURE FOR PREPARING AND APPLYING THEM TO OBTAIN A SCRATCH- AND ABRASION-RESISTANT COATING**  
[72] VINCENT, PHILIPPE, FR  
[72] WILHELM, DIDIER, FR  
[72] ERANIAN, ARMAND, FR  
[71] CLARIANT (FRANCE) S.A., FR  
[22] 1999-10-28  
[43] 2000-06-07  
[30] FR (98 15 413) 1998-12-07

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[21] **2,288,310**  
[13] A1  
[51] **Int.Cl. 7H04B 7/005 7H04Q 7/36**  
[25] EN  
[54] **VARIABLE RATE FORWARD POWER CONTROL FOR MULTICHANNEL APPLICATIONS**  
[54] **COMMANDE D'ALIMENTATION DE LA VOIE ALLER A DEBIT VARIABLE POUR APPLICATIONS MULTIVOIES**  
[72] KAMEL, RAAFAT EDWARD, US  
[72] BI, QI, US  
[72] RUBIN, HARVEY, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-11-02  
[43] 2000-06-08  
[30] US (09/207,748) 1998-12-08

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[21] **2,288,474**  
[13] A1  
[51] **Int.Cl. 7H04J 14/02 7G02F 1/29**  
[25] EN  
[54] **OPTICAL MULTIPLEXOR OR DEMULTIPLEXOR**  
[54] **MULTIPLEXEUR OU DEMULTIPLEXEUR OPTIQUE**  
[72] FAN, CHENJUN, CA  
[72] FU, XIAOLI, CA  
[71] JDS FITEL INC., CA  
[22] 1999-11-04  
[43] 2000-06-07  
[30] US (09/206,222) 1998-12-07

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[21] **2,288,475**  
[13] A1  
[51] **Int.Cl. 7G01S 5/14**  
[25] EN  
[54] **LOCATION-TRIGGERED REMINDER FOR MOBILE USER DEVICES**  
[54] **RAPPEL DECLENCHE SELON L'EMPLACEMENT POUR LES DISPOSITIFS D'UTILISATEURS MOBILES**  
[72] WELCH, BRYAN J., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-11-02  
[43] 2000-06-08  
[30] US (09/207,882) 1998-12-08

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[21] **2,288,499**  
[13]  
[51] **Int.Cl. 6E02F 3/84**  
[25] EN  
[54] **METHOD FOR AUTOMATICALLY POSITIONING THE BLADE OF A MOTOR GRADER TO A MEMORY POSITION**  
[54] **METHODE DE POSITIONNEMENT AUTOMATIQUE DE LA LAME D'UNE NIVELEUSE EN POSITION DE MEMOIRE**  
[72] HARTMAN, MATTHEW A., US  
[72] SHEARER, DANIEL E., US  
[72] ZHANG, XIAOJUN, US  
[72] SHANE, MARK D., US  
[71] CATERPILLAR INC., US  
[22] 1999-11-03  
[43] 2000-06-10  
[30] US (09/208,357) 1998-12-10

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[21] **2,288,621**  
[13] A1  
[51] **Int.Cl. 7H01L 21/02**  
[25] EN  
[54] **MULTI-WAFER POLISHING TOOL**  
[54] **OUTIL A POLIR A PLAQUES MULTIPLES**  
[72] LOFARO, MICHAEL F., US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1999-11-08  
[43] 2000-06-04  
[30] US (09/205,935) 1998-12-04

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[21] **2,288,925**  
[13] A1  
[51] **Int.Cl. 6B62B 3/02 6A47B 91/00 6A47B 96/00**  
[25] EN  
[54] **FILE CABINET DOLLY WITH OPEN FRAME**  
[54] **CHARIOT OUVERT POUR CLASSEURS A TIROIRS**  
[72] LEVERINGTON, JAMES M., US  
[71] STEELWORKS, INC., US  
[22] 1999-11-04  
[43] 2000-06-07  
[30] US (09/206,624) 1998-12-07

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**4 juin 2000 - 10 juin 2000**

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[21] **2,289,188**  
[13]

[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **MANAGEMENT OF WIRELESS CONTROL CHANNEL**  
[54] **GESTION D'UN CANAL DE COMMANDE SANS FIL**  
[72] TU, MING-HSU, US  
[72] STRICKLAND, STEPHEN GREGORY, US  
[72] FALCO, STEVEN ANTHONY, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1999-11-09  
[43] 2000-06-10  
[30] US (09/209,509) 1998-12-10

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[21] **2,289,274**  
[13] A1

[51] **Int.Cl. 7A47F 7/00**  
[25] EN  
[54] **SLAT WALL DEATH CARE MERCHANDISE DISPLAY UNIT WITH CATEGORY DELINEATOR**  
[54] **PRESENTOIR A PAROI MUNIE DE TABLETTES POUR ARTICLES DE SOINS RELIES A LA MORT AVEC DELIMITEURS DE CATEGORIE**  
[72] BACHMAN, DOUGLAS E., US  
[72] DOODY, ALTON F., US  
[71] THE YORK GROUP, INC., US  
[22] 1999-11-10  
[43] 2000-06-04  
[30] US (09/205,579) 1998-12-04

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[21] **2,289,320**  
[13]

[51] **Int.Cl. 7H04J 14/02**  
[25] EN  
[54] **INTEGRATING OPTICAL ADM FILTERS**  
[54] **INTEGRATION DE FILTRES ADM OPTIQUES**  
[72] SOLHEIM, ALAN GLEN, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-11-10  
[43] 2000-06-10  
[30] US (09/209,255) 1998-12-10

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[21] **2,289,322**  
[13]

[51] **Int.Cl. 7H04J 14/02**  
[25] EN  
[54] **MULTI-CHANNEL OPTICAL ADD/DROP MULTIPLEXOR/ DEMULTIPLEXOR**  
[54] **MULTIPLEXEUR/ DEMULTIPLEXEUR A INSERTION/ EXTRACTION OPTIQUE MULTICANAUX**  
[72] SOMANI, AZMINA, CA  
[72] SOLHEIM, ALAN GLEN, CA  
[72] DANAGHER, DAVID, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-11-10  
[43] 2000-06-10  
[30] US (09/208,465) 1998-12-10

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[21] **2,289,349**  
[13] A1

[51] **Int.Cl. 7B29C 45/18 7B29B 15/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR DIRECT INJECTION OF ADDITIVES INTO A POLYMER MELT STREAM**  
[54] **APPAREIL ET METHODE PERMETTANT L'INJECTION DIRECTE D'ADJUVANTS DANS UN FLUX DE POLYMERE FONDU**  
[72] BURLONE, DOMINICK A., US  
[72] HUFF, JAMES L., US  
[72] HELMS, CHARLES F., US  
[71] BASF CORPORATION, US  
[22] 1999-11-09  
[43] 2000-06-04  
[30] US (09/206,011) 1998-12-04

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[21] **2,289,355**  
[13] A1

[51] **Int.Cl. 7A47F 7/00**  
[25] EN  
[54] **MEMORIAL DEATH CARE MERCHANDISE DISPLAY UNIT**  
[54] **PRESENTOIR DE MARCHANDISES MORTUAIRES COMMEMORATIVES**  
[72] BACHMAN, DOUGLAS E., US  
[72] DOODY, ALTON F., US  
[72] TAGGART, LYNN A., US  
[71] THE YORK GROUP, INC., US  
[22] 1999-11-10  
[43] 2000-06-04  
[30] US (09/205,080) 1998-12-04

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[21] **2,289,357**  
[13] A1

[51] **Int.Cl. 7H04L 25/03**  
[25] EN  
[54] **DIGITAL SIGNAL TRANSMITTER AND RECEIVER USING SOURCE BASED REFERENCE LOGIC LEVELS**  
[54] **EMETTEUR ET RECEPTEUR DE SIGNAUX NUMERIQUES UTILISANT DES NIVEAUX LOGIQUES DE REFERENCE BASES SUR LA SOURCE**  
[72] CRICK, WILLIAM R., CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-11-10  
[43] 2000-06-09  
[30] US (09/207,255) 1998-12-09

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[21] **2,289,389**  
[13] A1

[51] **Int.Cl. 7E21B 10/46**  
[25] EN  
[54] **INSERTS FOR EARTH-BORING BITS**  
[54] **PIECES RAPPORTEES POUR TREPANS DE FORAGE**  
[72] PORTWOOD, GARY R., US  
[72] SIRACKI, MICHAEL A., US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 1999-11-12  
[43] 2000-06-07  
[30] US (09/206,827) 1998-12-07

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[21] **2,289,400**  
[13] A1

[51] **Int.Cl. 7H04B 10/06**  
[25] EN  
[54] **HIGH SPEED DIFFERENTIAL OPTOELECTRONIC RECEIVER**  
[54] **RECEPTEUR OPTOELECTRONIQUE DIFFERENTIEL A GRANDE VITESSE**  
[72] HYDE, JOHN D., US  
[72] HUMES, TODD E., US  
[72] HAYASHIDA, PHILLIP D., US  
[72] HEFLINGER, DONALD G., US  
[71] TRW INC., US  
[22] 1999-11-12  
[43] 2000-06-07  
[30] US (09/206,912) 1998-12-07

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[21] **2,289,410**  
[13] A1

[51] **Int.Cl. 7E21B 10/46**  
[25] EN  
[54] **SUPERHARD MATERIAL ENHANCED INSERTS FOR EARTH-BORING BITS**  
[54] **PIECES RAPPORTEES POUR TREPANS DE FORAGE, AMELIOREES A L'AIDE D'UN MATERIAU EXTRA-DUR**  
[72] PORTWOOD, GARY R., US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 1999-11-15  
[43] 2000-06-07  
[30] US (09/206,902) 1998-12-07

[21] **2,289,411**  
[13] A1

[51] **Int.Cl. 7E21B 10/46**  
[25] EN  
[54] **SUPERHARD MATERIAL ENHANCED INSERTS FOR EARTH-BORING BITS**  
[54] **PIECES RAPPORTEES POUR TREPANS DE FORAGE, AMELIOREES A L'AIDE D'UN MATERIAU EXTRA-DUR**  
[72] SIRACKI, MICHAEL A., US  
[71] SMITH INTERNATIONAL, INC., US  
[22] 1999-11-15  
[43] 2000-06-07  
[30] US (09/206,835) 1998-12-07

[21] **2,289,415**  
[13] A1

[51] **Int.Cl. 7H04L 12/24 7G06F 13/10**  
[25] EN  
[54] **GRAPHICAL INTERFACE METHOD AND SYSTEM FOR COPYING SETTINGS TO MULTIPLE NETWORK DEVICES**  
[54] **METHODE ET SYSTEME A INTERFACE GRAPHIQUE POUR COPIER DES PARAMETRES DANS PLUSIEURS DISPOSITIFS DE RESEAU**  
[72] GODDARD, JOAN STAGAMAN, US  
[72] BOLDT, GERALD DONALD, US  
[72] STUCKA, STEPHEN EDWARD, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[22] 1999-11-12  
[43] 2000-06-09  
[30] US (09/207,810) 1998-12-09

[21] **2,289,428**  
[13] A1

[51] **Int.Cl. 6F28F 1/08 6F24H 9/00 6F24H 1/24 6F28F 1/40**  
[25] EN  
[54] **HEAT EXCHANGER TUBE WITH INTEGRAL RESTRICTING AND TURBULATING STRUCTURE**  
[54] **TUBE D'ECHANGEUR DE CHALEUR COMPRENANT UNE STRUCTURE INTEGRALE DE LIMITATION ET DE TURBULENCE**  
[72] O'DONNELL, MICHAEL J., US  
[72] SLABY, TERRANCE C., US  
[71] BECKETT GAS, INC., US  
[22] 1999-11-12  
[43] 2000-06-04  
[30] US (09/205,955) 1998-12-04

[21] **2,289,789**  
[13] A1

[51] **Int.Cl. 7E06B 3/38 7E06B 7/16**  
[25] EN  
[54] **REINFORCING MEMBERS FOR TILTING SASH TYPE WINDOW SYSTEM**  
[54] **ELEMENT DE RENFORCEMENT POUR LE BASCULEMENT D'UN SYSTEME DE FENETRE DE TYPE CHASSIS**  
[72] HUDOBA, MARK S., US  
[72] REITHMEYER, JOSEPH G., US  
[71] ANDERSEN CORPORATION, US  
[22] 1999-11-16  
[43] 2000-06-04  
[30] US (09/205,485) 1998-12-04

[21] **2,289,795**  
[13] A1

[51] **Int.Cl. 7H04J 14/02 7H04B 10/24**  
[25] EN  
[54] **DUPLEX OPTICAL TRANSMISSION SYSTEM**  
[54] **SYSTEME DE TRANSMISSION OPTIQUE DUPLEX**  
[72] DAVIS, FIONA, GB  
[72] WHITEAWAY, JAMES EDWARD ANDREW, GB  
[72] JOLLEY, NIGEL EDWARD, GB  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-11-16  
[43] 2000-06-07  
[30] GB (9826878.2) 1998-12-07

[21] **2,289,826**  
[13] A1

[51] **Int.Cl. 7H04L 29/02 7A63F 13/10 7G06F 15/177**  
[25] EN  
[54] **INTERACTIVE APPLICATIONS APPLICATIONS INTERACTIVES**  
[72] TIMS, MATTHEW EDWARD, GB  
[72] KYDD, RICHARD ANDREW, GB  
[72] HAMON, JOHN FRANCIS, GB  
[72] CORNWELL, SIMON ANTHONY VIVIAN, GB  
[72] MALAURE, JASON ROBERT, GB  
[71] TWO WAY TV LIMITED, GB  
[22] 1999-11-15  
[43] 2000-06-04  
[30] EP (98309944.1) 1998-12-04

[21] **2,289,828**  
[13] A1

[51] **Int.Cl. 7B41J 2/175 7B41J 2/045**  
[25] EN  
[54] **LASER-INITIATED INK-JET PRINTING METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL D'IMPRESSIION AU JET D'ENCRE A DECLENCHEMENT PAR LASER**  
[72] KOREM, AHARON, IL  
[72] PILOSOPH, NISSIM, IL  
[72] RONEN, JOSEF, IL  
[71] SCITEX CORPORATION LTD., IL  
[22] 1999-11-15  
[43] 2000-06-09  
[30] IL (127484) 1998-12-09

[21] **2,289,876**  
[13] A1

[51] **Int.Cl. 7G02B 6/136**  
[25] EN  
[54] **PROCESS FOR THE MANUFACTURE OF PROTON-EXCHANGED WAVEGUIDES**  
[54] **METHODE DE FABRICATION DE GUIDES D'ONDES A ECHANGE DE PROTONS**  
[72] GEOSLING, CHRISTINE ELLEN, US  
[72] ABBINK, HENRY, US  
[72] GAMPP, LORRIE LANE, US  
[72] AUGERI, FRANCIS GARY, US  
[71] LITTON SYSTEMS, INC., US  
[22] 1999-11-17  
[43] 2000-06-09  
[30] US (209,929) 1998-12-09

**Demandes canadiennes mises à la disponibilité du public**  
**4 juin 2000 - 10 juin 2000**

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[21] **2,289,885**  
[13]

[51] **Int.Cl. 7B65D 25/28**  
[25] EN  
[54] **HANDLE ACCESSORY FOR INFANT FEEDING BOWL**  
[54] **ANSE ACCESSOIRE POUR BOL D'ALIMENTATION DE BEBE**  
[72] LIU, ANITA SUK PING, US  
[71] DART INDUSTRIES INC., US  
[22] 1999-11-16  
[43] 2000-06-10  
[30] US (09/208,885) 1998-12-10

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[21] **2,289,951**  
[13] A1

[51] **Int.Cl. 7C12N 15/33 7C12N 7/01 7C12N 5/10 7A61P 31/20 7A61K 39/245 7A61K 39/255 7A61K 35/76 7C12N 15/86**  
[25] EN  
[54] **PROCESSES FOR PREPARATION OF MAREK'S DISEASE VIRUS USING CONTINUOUS AVIAN CELL LINES**  
[54] **PROCEDES DE PREPARATION DU VIRUS DE LA MALADIE DE MAREK A PARTIR DE LIGNEES DE CELLULES AVIAIRES CONTINUES**  
[72] SHEPPARD, MICHAEL GEORGE, AU  
[72] RONG, SING, US  
[71] PFIZER PRODUCTS INC., US  
[22] 1999-12-03  
[43] 2000-06-09  
[30] US (60/111,627) 1998-12-09

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[21] **2,289,956**  
[13] A1

[51] **Int.Cl. 7H04L 12/66 7H04M 11/06**  
[25] EN  
[54] **HYBRID TDM AND ATM VOICE SWITCHING CENTRAL OFFICE AND METHOD OF COMPLETING INTER-OFFICE CALLS USING SAME**  
[54] **CENTRAL DE COMMUTATION TELEPHONIQUE TDM ET ATM HYBRIDE ET METHODE CONNEXE D'ETABLISSEMENT D'APPELS INTER-CENTRAUX**  
[72] LAKHANI, FAIZEL, CA  
[72] SYLVAIN, DANY, CA  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-11-16  
[43] 2000-06-07  
[30] US (09/206,277) 1998-12-07

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[21] **2,289,974**  
[13] A1

[51] **Int.Cl. 7A62C 35/00 7A62C 35/68**  
[25] EN  
[54] **FAST RESPONSE RESIDENTIAL SPRINKLER ARRANGEMENT**  
[54] **ARROSEUR A DECLENCHEMENT RAPIDE POUR RESIDENCES**  
[72] PAHILA, OLIVER S., US  
[71] THE RELIABLE AUTOMATIC SPRINKLER CO., INC., US  
[22] 1999-11-17  
[43] 2000-06-08  
[30] US (09/206,859) 1998-12-08

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[21] **2,289,997**  
[13]

[51] **Int.Cl. 7B23K 9/32**  
[25] EN  
[54] **DIE CAST HOUSING FOR WELDING MACHINE GENERATOR**  
[54] **ENVELOPPE MOULEE POUR GENERATRICE DE SOUDAGE**  
[72] RADTKE, DAVID E., US  
[72] FELDHAUSEN, JOSEPH E., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-11-16  
[43] 2000-06-10  
[30] US (09/209,523) 1998-12-10

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[21] **2,289,998**  
[13]

[51] **Int.Cl. 6F16M 1/00 6F16M 1/04 6B65B 11/28**  
[25] EN  
[54] **STRETCH FILM ROLL MOUNTING FRAME**  
[54] **CADRE DE MONTAGE POUR ROULEAU DE FILM ETIRABLE**  
[72] TURFAN, FARUK M., CA  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1999-11-16  
[43] 2000-06-10  
[30] US (09/208,775) 1998-12-10

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[21] **2,290,061**  
[13] A1

[51] **Int.Cl. 7F21L 13/00**  
[25] EN  
[54] **EMERGENCY FLASHLIGHT**  
[54] **TORCHE ELECTRIQUE DE SECOURS**  
[72] BRANDT, PAUL K., CA  
[71] BRANDT, PAUL K., CA  
[22] 1999-11-19  
[43] 2000-06-07  
[30] US (60/111,059) 1998-12-07

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[21] **2,290,072**  
[13]

[51] **Int.Cl. 7A23L 2/62 7A23L 2/02**  
[25] EN  
[54] **CITRUS PRODUCTS INCORPORATING PULP PROCESSING**  
[54] **PRODUITS D'AGRUMES COMPRENANT LA TRANSFORMATION DE LA PULPE**  
[72] LIOUTAS, THEODORE S., US  
[72] CHU, OSVALDO, US  
[71] TROPICANA PRODUCTS, INC., US  
[22] 1999-11-19  
[43] 2000-06-10  
[30] US (09/209,161) 1998-12-10

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[21] **2,290,232**  
[13] A1

[51] **Int.Cl. 7C09D 183/08**  
[25] EN  
[54] **PAINTABLE ORGANOPOLYSILOXANE MOLD RELEASE COMPOSITIONS AND PROCESSES FOR THEIR USE**  
[54] **COMPOSITIONS D'AGENTS DE DEMOULAGE A BASE D'ORGANOPOLYSILOXANE PERMETTANT L'APPLICATION DE PEINTURE ET PROCEDES RELATIFS A LEUR UTILISATION**  
[72] MARTIN, EUGENE R., US  
[71] WACKER SILICONES CORPORATION, US  
[22] 1999-11-23  
[43] 2000-06-07  
[30] US (09/206,687) 1998-12-07

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[21] **2,290,245**  
[13] A1

[51] **Int.Cl. 7F16K 5/06 7F16K 5/08 7F16K 31/60**  
[25] EN  
[54] **ONE-PIECE BALLKEY**  
[54] **ELEMENT SPHERIQUE MONOBLOC**  
[72] LALONE, LUANN M., US  
[72] NEULIEB, ROBERT L., US  
[71] NEW YORK AIR BRAKE CORPORATION, US  
[22] 1999-11-22  
[43] 2000-06-04  
[30] US (09/204,505) 1998-12-04

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[21] 2,290,248  
[13] A1

[51] **Int.Cl. 7B01D 71/02**  
[25] EN  
[54] **MEMBRANE COMPRISING A POROUS CARRIER AND A LAYER OF A MOLECULAR SIEVE AND ITS PREPARATION**  
[54] **MEMBRANE COMPRENANT UN SUPPORT POREUX ET UNE COUCHE DE TAMIS MOLECULAIRE ET PREPARATION DE CETTE MEMBRANE**  
[72] SORIA, RAYMOND, FR  
[72] CHANAUD, PHILIPPE, FR  
[71] SOCIETE DES CERAMIQUES TECHNIQUES, FR  
[22] 1999-11-22  
[43] 2000-06-04  
[30] FR (98 15 375) 1998-12-04

[21] 2,290,264  
[13] A1

[51] **Int.Cl. 7G02B 6/44**  
[25] EN  
[54] **OPTICAL FIBER CABLE AND CORE WITH A REINFORCED BUFFER TUBE HAVING VISIBLE STRENGTH MEMBERS AND METHODS OF MANUFACTURE**  
[54] **CABLE A FIBRES OPTIQUES ET AME AVEC TUBE PROTECTEUR DOTE D'ELEMENTS DE RENFORCEMENT VISIBLES ET METHODES DE FABRICATION**  
[72] WELLS, BEN H., US  
[72] VAUGHN, ROGER, US  
[72] ANDERSON, AARON M., US  
[71] PIRELLI CABLE CORPORATION, US  
[22] 1999-11-23  
[43] 2000-06-04  
[30] US (09/205,825) 1998-12-04

[21] 2,290,267  
[13] A1

[51] **Int.Cl. 7H04L 12/24 7H04B 1/74**  
[25] EN  
[54] **METHOD AND APPARATUS PROVIDING FOR AN IMPROVED VIRTUAL ROUTING REDUNDANCY PROTOCOL**  
[54] **METHODE ET APPAREIL UTILISANT UN PROTOCOLE AMELIORE DE CONTROLE PAR REDONDANCE POUR LE ROUTAGE VIRTUEL**  
[72] MEEHAN, TOM, US  
[72] MUJEEB, HAMAYON, US  
[72] SRIKANTH, AYIKUDY K., US  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-11-23  
[43] 2000-06-04  
[30] US (09/205,084) 1998-12-04

[21] 2,290,282  
[13] A1

[51] **Int.Cl. 7B65H 21/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR FORMING A SPLICE IN ADVANCING WEB OF PAPER**  
[54] **APPAREIL ET METHODE POUR LA FORMATION D'UNE COLLURE DANS UNE BANDE CONTINUE DE PAPIER AVANCANTE**  
[72] USHER, WILLIS AUGUSTUS JR., US  
[72] RHODES, DAVID EARL, US  
[71] SONOCO PRODUCTS COMPANY, US  
[22] 1999-11-22  
[43] 2000-06-07  
[30] US (09/206,350) 1998-12-07

[21] 2,290,321  
[13] A1

[51] **Int.Cl. 7A61L 15/48**  
[25] EN  
[54] **NONWOVEN SURFACTANT COMPOSITIONS FOR IMPROVED DURABILITY AND WETTING**  
[54] **COMPOSITIONS DE SURFACTANTS POUR NONTISSES POUR AMELIORER LEUR DURABILITE ET LEUR MOUILLAGE**  
[72] NING, XIN, US  
[72] YAHIAOUI, ALI, US  
[72] CREAGAN, CHRISTOPHER COSGROVE, US  
[72] MCDOWALL, DEBRA JEAN, US  
[72] MARMON, SAMUEL EDWARD, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 1999-11-24  
[43] 2000-06-08  
[30] US (09/207,521) 1998-12-08

[21] 2,290,322  
[13] A1

[51] **Int.Cl. 7B24B 3/54**  
[25] EN  
[54] **BLADE SHARPENER**  
[54] **AIGUISEUR DE LAME**  
[72] STOKES, ANDREW JOHN, GB  
[72] ADKINS, GEORGE RALPH, GB  
[71] MCPHERSON'S LIMITED, AU  
[22] 1999-11-24  
[43] 2000-06-04  
[30] AU (PP7491) 1998-12-04

[21] 2,290,711  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12P 21/08 7C12N 5/10 7A61K 38/16 7C07K 16/18 7A61K 39/395 7C07K 14/435 7A61K 47/48 7G01N 33/532 7G01N 33/535 7G01N 33/566**  
[25] EN  
[54] **METHODS FOR DIAGNOSING A FORM OF ATAXIA AND COMPOUNDS FOR USE IN THE METHOD**  
[54] **METHODES DE DIAGNOSTIC D'UNE FORME D'ATAXIE ET COMPOSES UTILISES DANS LEUR APPLICATION**  
[72] FRITZLER, MARVIN J., CA  
[71] UNIVERSITY TECHNOLOGIES INTERNATIONAL, INC., CA  
[22] 1999-12-09  
[43] 2000-06-09  
[30] US (60/111,633) 1998-12-09

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[21] **2,290,752**  
[13] A1

[51] **Int.Cl. 7G03B 27/00**  
[25] EN  
[54] **RECORDING DRUM ARRANGEMENT**  
[54] **MONTAGE DE TAMBOUR D'ENREGISTREMENT**  
[72] KELLER, GUIDO, CH  
[72] LANDOLT, MARKUS, CH  
[71] GRETAG IMAGING AG, CH  
[22] 1999-11-25  
[43] 2000-06-08  
[30] EP (98 123 045.1) 1998-12-08

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[21] **2,290,800**  
[13]

[51] **Int.Cl. 7B23K 5/22 7B23K 10/00**  
[25] FR  
[54] **INSTALLATION DE COUPAGE DE METAUX MUNIE D'UNE TORCHE DE COUPAGE ET D'UNE SONDE CAPACITIVE DE PALPAGE**  
[54] **METAL CUTTING INSTALLATION COMPRISING A CUTTING TORCH AND A FEELER PROBE**  
[72] BILLEROT, FRANCIS, FR  
[71] SAFMATIC, FR  
[22] 1999-11-23  
[43] 2000-06-10  
[30] FR (98 15593) 1998-12-10

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[21] **2,290,810**  
[13] A1

[51] **Int.Cl. 7C08B 30/18 7A61P 3/04 7A23L 1/307 7A61K 31/718**  
[25] FR  
[54] **MALTODEXTRINES BRANCHEES ET LEUR PROCEDE DE PREPARATION**  
[54] **LINKED MALTODEXTRINS AND PREPARATION PROCESS THEREOF**  
[72] DUFLOT, PIERRICK, FR  
[72] LOOTEN, PHILIPPE, FR  
[72] FOUACHE, CATHERINE, FR  
[71] DUFLOT, PIERRICK, FR  
[71] LOOTEN, PHILIPPE, FR  
[71] FOUACHE, CATHERINE, FR  
[22] 1999-11-30  
[43] 2000-06-04  
[30] FR (FR 98/15344) 1998-12-04

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[21] **2,290,851**  
[13] A1

[51] **Int.Cl. 7H02N 2/00**  
[25] FR  
[54] **ACTIONNEURS A MATERIAU ACTIF PIEZO-ELECTRIQUE OU ELECTROSTRICTIF**  
[54] **ACTUATOR WITH A PIEZOELECTRIC OR ELECTROSTRICTIVE LASER-MEDIUM**  
[72] GROULT, BARTHELEMY, FR  
[72] CHARRIER, JEAN-CLAUDE, FR  
[71] SFIM INDUSTRIES, FR  
[22] 1999-11-30  
[43] 2000-06-07  
[30] FR (98 15437) 1998-12-07

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[21] **2,290,875**  
[13] A1

[51] **Int.Cl. 7H05K 7/14 7H04B 1/04**  
[25] FR  
[54] **APPAREIL ELECTRIQUE DESTINE A ETRE MIS EN PLACE DANS UN SUPPORT**  
[54] **ELECTRICAL APPARATUS DESIGNED TO BE PLACED IN A BRACKET**  
[72] NUDELMONT, GEORGETTE, FR  
[72] BLANCHOT, MICHELE, FR  
[71] PROFESSIONAL GENERAL ELECTRONIC PRODUCTS P.G.E.P., FR  
[22] 1999-12-01  
[43] 2000-06-04  
[30] FR (98.15327) 1998-12-04

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[21] **2,290,876**  
[13]

[51] **Int.Cl. 7F42B 7/00**  
[25] FR  
[54] **PROJECTILE NON LETAL POUR ARME A FEU**  
[54] **NON-LETHAL PROJECTILE FOR FIREARM**  
[72] MAUCOURT, JACQUES, FR  
[72] DUBOCAGE, BERNARD, FR  
[71] S N P E, FR  
[22] 1999-12-01  
[43] 2000-06-10  
[30] FR (98 15603) 1998-12-10

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[21] **2,290,879**  
[13] A1

[51] **Int.Cl. 7H01M 10/54**  
[25] FR  
[54] **PROCEDE DE TRAITEMENT D'UN ACCUMULATEUR AU LITHIUM EN VUE DE RECYCLAGE DE SES MATERIAUX CONSTITUTIFS**  
[54] **PROCEDURE FOR TREATING A LITHIUM CELL BATTERY IN PREPARATION FOR RECYCLING ITS CONSTITUENT MATERIALS**  
[72] LE CRAS, FRÉDÉRIC, FR  
[72] VANDELLE, PIERRE, FR  
[72] BOURBON, CAROLE, FR  
[72] BLOCH, DIDIER, FR  
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR  
[22] 1999-12-01  
[43] 2000-06-07  
[30] FR (98 15412) 1998-12-07

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[21] **2,290,882**  
[13] A1

[51] **Int.Cl. 7C07C 11/04 7C07C 5/327**  
[25] FR  
[54] **PROCEDE DE PYROLYSE THERMIQUE D'UNE CHARGE CONTENANT DE L'ETHANE**  
[54] **PROCESS OF THERMAL PYROLYSIS OF A CHARGE CONTAINING ETHANE**  
[72] NOUGIER, LUC, FR  
[72] BUSSON, CHRISTIAN, FR  
[72] BURZYNSKI, JEAN-PIERRE, FR  
[72] DELHOMME, HENRI, FR  
[71] L'INSTITUT FRANCAIS DU PETROLE, FR  
[22] 1999-12-01  
[43] 2000-06-04  
[30] FR (98 15 359) 1998-12-04

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[21] **2,290,884**  
[13] A1

[51] **Int.Cl. 7B25G 1/00 7B25B 23/16**  
[25] EN  
[54] **HANDLE ASSEMBLY FOR HAND-HELD TOOL**  
[54] **ENSEMBLE DE POIGNEE POUR OUTIL A MAIN**  
[72] RIEDL, REINHARD, DE  
[71] HILTI AKTIENGESSELLSCHAFT, LI  
[22] 1999-11-25  
[43] 2000-06-07  
[30] DE (198 56 266.7) 1998-12-07

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[21] **2,290,912**  
[13] A1  
[51] **Int.Cl. 7A61M 5/31**  
[25] EN  
[54] **A NEEDLE PROTECTIVE ARRANGEMENT FOR SYRINGES, CARPULES AND SIMILAR INJECTION INSTRUMENTS**  
[54] **PROTEGE-AIGUILLE POUR SERINGUES, CARPULES ET INSTRUMENTS D'INJECTION SEMBLABLES**  
[72] OTTO, THOMAS, DE  
[72] GLOCKER, JOACHIM, DE  
[72] VETTER, HELMUT (deceased), DE  
[71] ARZNEIMITTEL GMBH APOTHEKER VETTER & CO. RAVENSBURG, DE  
[22] 1999-11-29  
[43] 2000-06-05  
[30] DE (198 56 167.9-41) 1998-12-05

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[21] **2,290,926**  
[13] A1  
[51] **Int.Cl. 7F16J 12/00 7C10B 55/00 7F17C 1/00 7B01J 3/04**  
[25] EN  
[54] **PRESSURE-TIGHT VESSEL FOR CYCLIC THERMAL HANDLING**  
[54] **ENCEINTE ETANCHE A LA PRESSION POUVANT RESISTER AUX CYCLES THERMIQUES**  
[72] STEWART, COBY W., US  
[72] SHOCKLEY, LESTLE R., US  
[71] CHICAGO BRIDGE & IRON COMPANY, US  
[22] 1999-11-29  
[43] 2000-06-09  
[30] US (09/207,803) 1998-12-09

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[21] **2,291,203**  
[13] A1  
[51] **Int.Cl. 7G08B 29/00 7G08B 17/10**  
[25] EN  
[54] **ASPIRATED DETECTOR WITH FLOW SENSOR**  
[54] **DETECTEUR ASPIRATEUR DOTE D'UN CAPTEUR D'ECOULEMENT**  
[72] GONZALES, ERIC V., US  
[72] DALY, JULIETTE C., US  
[72] SHOAFF, THOMAS W., US  
[72] SCHOENFELDER, GEORGE A., US  
[71] PITTSWAY CORPORATION, US  
[22] 1999-11-29  
[43] 2000-06-04  
[30] US (09/205,440) 1998-12-04

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[21] **2,291,204**  
[13]  
[51] **Int.Cl. 7G06K 9/20 7G06K 9/03**  
[25] EN  
[54] **FINGERPRINT IDENTIFICATION DEVICE EQUIPPED WITH A TOUCH SENSOR FOR DETECTING A HUMAN FINGER**  
[54] **DISPOSITIF D'IDENTIFICATION D'EMPREINTES DIGITALES EQUIPE D'UN CAPTEUR TACTILE CAPABLE DE DETECTER UN DOIGT HUMAIN**  
[72] ISHII, HIROTAKA, JP  
[72] KASAI, EIJI, JP  
[72] YOMO, YASUhide, JP  
[72] NAGAYAMA, KEIICHI, JP  
[72] MORITA, TAKEO, JP  
[71] OMRON CORPORATION, JP  
[22] 1999-11-29  
[43] 2000-06-10  
[30] JP (HEISEI 10-351405) 1998-12-10

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[21] **2,291,209**  
[13] A1  
[51] **Int.Cl. 7C09D 175/04**  
[25] EN  
[54] **HYBRID COATING COMPOSITIONS**  
[54] **COMPOSITIONS DE REVETEMENTS HYBRIDES**  
[72] MECHTEL, MARKUS, DE  
[72] GROTH, STEFAN, DE  
[72] SCHMALSTIEG, LUTZ, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1999-11-29  
[43] 2000-06-04  
[30] DE (19856000.1) 1998-12-04

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[21] **2,291,214**  
[13] A1  
[51] **Int.Cl. 7C09D 175/04**  
[25] EN  
[54] **COATING COMPOSITIONS CONTAINING ALKOXYSILANES**  
[54] **COMPOSITIONS DE REVETEMENTS CONTENANT DES ALKOXYSILANES**  
[72] MECHTEL, MARKUS, DE  
[72] SCHMALSTIEG, LUTZ, DE  
[72] GROTH, STEFAN, DE  
[72] HALPAAP, REINHARD, DE  
[72] YESKE, PHILIP E., DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1999-11-29  
[43] 2000-06-04  
[30] DE (19855999.2) 1998-12-04

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[21] **2,291,217**  
[13] A1  
[51] **Int.Cl. 7C08F 216/06**  
[25] EN  
[54] **VINYL ALCOHOL POLYMER AND ITS COMPOSITION**  
[54] **POLYMERE D'ALCOOL VINYLIQUE ET SES COMPOSITIONS**  
[72] FUJIWARA, NAOKI, JP  
[72] KUSUDOU, TAKESHI, JP  
[72] SOMEMIYA, KAZUYUKI, JP  
[71] KURARAY CO., LTD., JP  
[22] 1999-11-29  
[43] 2000-06-09  
[30] JP (350144/1998) 1998-12-09

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[21] **2,291,296**  
[13]  
[51] **Int.Cl. 7B23K 20/10**  
[25] EN  
[54] **ULTRASONIC VIBRATION BONDING METHOD**  
[54] **METHODE DE LIAISON PAR VIBRATION ULTRASONIQUE**  
[72] SATO, SHIGERU, JP  
[71] ULTEX CORPORATION, JP  
[22] 1999-11-30  
[43] 2000-06-10  
[30] JP (10-351821) 1998-12-10  
[30] JP (10-354259) 1998-12-14  
[30] JP (11-30789) 1999-02-09

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[21] **2,291,304**  
[13] A1  
[51] **Int.Cl. 7B01D 53/64**  
[25] EN  
[54] **ALKALINE SORBENT INJECTION FOR MERCURY CONTROL**  
[54] **INJECTION DE SORBANTS ALCALINS POUR PIEGER LE MERCURE**  
[72] YURCHISON MADDEN, DEBORAH A., US  
[72] HOLMES, MICHAEL J., US  
[71] MCDERMOTT TECHNOLOGY, INC., US  
[22] 1999-11-30  
[43] 2000-06-07  
[30] US (09/206,465) 1998-12-07

**Demandes canadiennes mises à la disponibilité du public**  
**4 juin 2000 - 10 juin 2000**

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[21] **2,291,351**  
[13] A1

[51] **Int.Cl. 7H01T 13/20**  
[25] EN  
[54] **SPARK PLUG FOR INTERNAL COMBUSTION ENGINE HAVING BETTER SELF-CLEANING FUNCTION**  
[54] **BOUGIE D'ALLUMAGE DE MOTEUR A COMBUSTION INTERNE PERMETTANT UN MEILLEUR AUTONETTOYAGE**  
[72] OSAMURA, HIRONORI, JP  
[72] ISHINO, YASUTAKE, JP  
[72] YATOU, MAKOTO, JP  
[71] DENSO CORPORATION, JP  
[22] 1999-12-01  
[43] 2000-06-04  
[30] JP (10-345991) 1998-12-04  
[30] JP (11-268963) 1999-09-22

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[21] **2,291,354**  
[13] A1

[51] **Int.Cl. 7A63H 33/00**  
[25] EN  
[54] **CONTINUOUSLY ROTATING MECHANISMS**  
[54] **MECANISMES A ROTATION CONTINUE**  
[72] HOBERMAN, CHARLES, US  
[71] HOBERMAN, CHARLES, US  
[22] 1999-11-30  
[43] 2000-06-04  
[30] US (60/111,001) 1998-12-04  
[30] US (09/366,831) 1999-08-04

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[21] **2,291,356**  
[13] A1

[51] **Int.Cl. 7C12N 15/861 7A61K 48/00**  
[25] EN  
[54] **RECOMBINANT, ADENOVIRAL VECTOR HAVING LIMITED AUTOREPLICATION CAPABILITY IN VIVO**  
[54] **VECTEUR ADENOVIRAL RECOMBINANT A REPLICATION LIMITEE IN VIVO**  
[72] POLLER, WOLFGANG CHRISTIAN, DE  
[71] CENTEON PHARMA GMBH, DE  
[22] 1999-12-01  
[43] 2000-06-04  
[30] DE (198 56 065.6) 1998-12-04

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[21] **2,291,370**  
[13] A1

[51] **Int.Cl. 7F24H 1/10 7B29C 47/08 7B29C 45/17 7H05B 3/42**  
[25] EN  
[54] **AN ELECTRIC CONTINUOUS FLOW HEATER AND A METHOD FOR ITS MANUFACTURE**  
[54] **RADIATEUR ELECTRIQUE A ECOULEMENT CONSTANT ET METHODE DE FABRICATION CONNEXE**  
[72] KERBER, ALBERT, DE  
[71] SICERAM GMBH, DE  
[22] 1999-11-30  
[43] 2000-06-04  
[30] DE (198 56 087.7) 1998-12-04

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[21] **2,291,380**  
[13]

[51] **Int.Cl. 7H01R 13/41 7H01R 4/02**  
[25] EN  
[54] **CONNECTOR WITH PRESTRESSED CONTACTS AND ITS USE**  
[54] **CONNECTEUR DOTE DE CONTACTS PRECONSTRAINTS ET UTILISATION DE CELUI-CI**  
[72] GARCIN, MICHEL, FR  
[72] ANNALER, JACQUES, FR  
[71] FRAMATOME CONNECTORS INTERNATIONAL, FR  
[22] 1999-12-01  
[43] 2000-06-10  
[30] FR (98/15618) 1998-12-10

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[21] **2,291,388**  
[13] A1

[51] **Int.Cl. 7B01D 53/62**  
[25] EN  
[54] **PURIFICATION OF GASES**  
[54] **EPURATION DE GAZ**  
[72] GOLDEN, TIMOTHY CHRISTOPHER, US  
[72] HSIUNG, THOMAS HSIAO-LING, US  
[72] SCHWARZ, ALEXANDER, US  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 1999-11-25  
[43] 2000-06-04  
[30] US (09/206,185) 1998-12-04

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[21] **2,291,399**  
[13] A1

[51] **Int.Cl. 7G09F 17/00**  
[25] EN  
[54] **BANNER HOLDER**  
[54] **PORTE-BANNIERE**  
[72] NELSON, NED H., US  
[71] NELSON, NED H., US  
[22] 1999-12-02  
[43] 2000-06-04  
[30] US (60/110,962) 1998-12-04

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[21] **2,291,404**  
[13] A1

[51] **Int.Cl. 7G06F 19/00**  
[25] EN  
[54] **AUTOCARD 2000: A SYSTEM ENABLING AN AUTO MANUFACTURER TO ASSEMBLE AND/OR DISTRIBUTE AUTOMOBILES UTILIZING A PLURALITY OF PARTNER INTEGRATORS AND A PLURALITY OF MANUFACTURED AND SERVICE MODULES**  
[54] **AUTOCARD 2000 : UN SYSTEME QUI PERMET A UN CONSTRUCTEUR D'AUTOMOBILES D'ASSEMBLER ET/ OU DE DISTRIBUER DES AUTOMOBILES AU MOYEN DE PLUSIEURS ENTREPRISES INTEGRANTES PARTENAIRES ET DE PLUSIEURS MODULES MANUFACTURES ET DE SERVICE**  
[72] MCGILL, ANDREW R., US  
[71] MCGILL, ANDREW R., US  
[22] 1999-12-02  
[43] 2000-06-07  
[30] US (206,662) 1998-12-07

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[21] **2,291,413**  
[13] A1

[51] **Int.Cl. 7B65D 41/34**  
[25] EN  
[54] **TAMPER-INDICATING CLOSURE AND METHOD OF MANUFACTURE**  
[54] **FERMETURE INVIOLEBLE ET METHODE DE FABRICATION CONNEXE**  
[72] KELLOGG, SHAWN E., US  
[72] GRAHAM, PAUL R., US  
[72] TOLLIVER-ROGERS, LOLETA T., US  
[72] HOCK, MARK R., US  
[72] WEBSTER, CHARLES A., US  
[71] OWENS-ILLINOIS CLOSURE INC., US  
[22] 1999-12-02  
[43] 2000-06-07  
[30] US (09/206,214) 1998-12-07

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[21] **2,291,415**  
[13] A1  
[51] **Int.Cl. 7F25J 1/02**  
[25] EN  
[54] **DUAL MIXED REFRIGERANT CYCLE FOR GAS LIQUEFACTION**  
[54] **CYCLE EN DEUX TEMPS A FRIGORIGENE MIXTE POUR LA LIQUEFACTION DE GAZ**  
[72] AGRAWAL, RAKESH, US  
[72] ROBERTS, MARK JULIAN, US  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[22] 1999-12-02  
[43] 2000-06-09  
[30] US (09/208,562) 1998-12-09

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[21] **2,291,425**  
[13] A1  
[51] **Int.Cl. 7H01R 13/66 7H01R 13/719**  
[25] EN  
[54] **FILTERED ELECTRICAL CONNECTOR WITH MULTIPLE FERRITE MEMBERS**  
[54] **CONNECTEUR ELECTRIQUE A FILTRE COMPRENANT DES ELEMENTS DE FERRITE MULTIPLES**  
[72] PAVLOVIC, SLOBODAN, US  
[71] FRAMATOME CONNECTORS INTERNATIONAL, FR  
[22] 1999-12-01  
[43] 2000-06-07  
[30] US (09/206,681) 1998-12-07

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[21] **2,291,427**  
[13] A1  
[51] **Int.Cl. 7G04G 5/00**  
[25] EN  
[54] **CLOCK OR WATCH HAVING ACCURACY-IMPROVING FUNCTION**  
[54] **HORLOGE OU MONTRE A PRECISION AMELIOREE**  
[72] OKADA, SETSUO, JP  
[71] HUDSON SOFT CO., LTD., JP  
[22] 1999-12-01  
[43] 2000-06-08  
[30] JP (10-348430) 1998-12-08

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[21] **2,291,432**  
[13] A1  
[51] **Int.Cl. 7H04M 3/26**  
[25] EN  
[54] **DIGITAL SIGNAL PROCESSOR-BASED TELEPHONE TEST SET ANALYZING AND DISPLAYING MULTIPLE SIGNAL PARAMETER DATA FOR TERMINAL MODE AND LINE MONITOR MODE OPERATION**  
[54] **DISPOSITIF D'ESSAI TELEPHONIQUE A PROCESSEUR DE SIGNAL NUMERIQUE ANALYSANT ET AFFICHANT DE MULTIPLES PARAMETRES DES SIGNAUX DANS LE MODE TERMINAL ET DANS LE MODE MONITEUR DE LIGNE**  
[72] WALANCE, ROBERT B., US  
[71] HARRIS CORPORATION, US  
[22] 1999-12-02  
[43] 2000-06-07  
[30] US (09/206570) 1998-12-07

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[21] **2,291,458**  
[13] A1  
[51] **Int.Cl. 7G01N 33/566 7G01N 33/53 7G01N 33/577 7G01N 33/58**  
[25] EN  
[54] **PROCESS FOR THE SPECIFIC DETECTION OF GLYCOSYLATED PROTEINS**  
[54] **PROCEDE POUR LA DETECTION SPECIFIQUE DE PROTEINES GLYCOSYLEES**  
[72] FEUSSNER, ANNETTE, DE  
[72] RYMISCH, JÖRGEN, DE  
[71] CENTEON PHARMA GMBH, DE  
[22] 1999-12-02  
[43] 2000-06-08  
[30] DE (198 56 433.3) 1998-12-08

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[21] **2,291,459**  
[13] A1  
[51] **Int.Cl. 7H02K 15/02 7H02K 1/12**  
[25] EN  
[54] **DYNAMO-ELECTRIC MACHINE STATOR STACK FORMING METHODS AND APPARATUS**  
[54] **METHODES ET APPAREIL D'EMPILAGE POUR STATOR DE MACHINE DYNAMOELECTRIQUE**  
[72] BONNACORSI, ANDREA, IT  
[72] LOMBARDI, SANDRO, IT  
[72] STRATICO, GIANFRANCO, IT  
[72] BARRERA, GIORGIO, IT  
[71] PAVESI SRL, IT  
[22] 1999-12-02  
[43] 2000-06-04  
[30] US (60/110,994) 1998-12-04  
[30] US (60/133,169) 1999-05-07

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[21] **2,291,464**  
[13] A1  
[51] **Int.Cl. 7H04L 12/56**  
[25] EN  
[54] **QOS PROTECTION SYSTEM**  
[54] **SYSTEME DE PROTECTION DE LA QUALITE DE SERVICE**  
[72] SHIMADA, NAOHIRO, JP  
[71] NEC CORPORATION, JP  
[22] 1999-12-02  
[43] 2000-06-09  
[30] JP (10-349220) 1998-12-09

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[21] **2,291,465**  
[13] A1  
[51] **Int.Cl. 7G02B 6/04 7F21V 8/00**  
[25] EN  
[54] **METHOD OF MAKING AN OPTICAL FIBER BUNDLE, OPTICAL FIBER BUNDLE MADE THEREBY AND APPARATUS FOR PERFORMING THE METHOD**  
[54] **PROCEDE POUR FABRIQUER UN FAISCEAU DE FIBRES OPTIQUES, DU FAISCEAU DE FIBRES OPTIQUES AINSI FABRIQUE ET APPAREIL EXECUTANT CE PROCEDE**  
[72] MEINL, JÖRGEN, DE  
[72] HENRICH, THOMAS, DE  
[71] SCHOTT GLAS, DE  
[22] 1999-12-02  
[43] 2000-06-04  
[30] DE (198 55 958.5-51) 1998-12-04

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[21] **2,291,466**  
[13]  
[51] **Int.Cl. 7H01J 9/00 7H01J 61/20 7G01R 31/44**  
[25] EN  
[54] **CONTROL OF LEACHABLE MERCURY IN FLUORESCENT LAMPS BY GELATIN**  
[54] **REDUCTION DE LA LIXIVIATION DU MERCURE PRESENT DANS LES LAMPES FLUORESCENTES A L'AIDE DE GELATINE**  
[72] FOUST, DONALD FRANKLIN, US  
[72] HAITKO, DEBORAH ANN, US  
[72] DIETRICH, DAVID KEY, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 1999-12-02  
[43] 2000-06-10  
[30] US (09/208,873) 1998-12-10

**Demandes canadiennes mises à la disponibilité du public**  
**4 juin 2000 - 10 juin 2000**

[21] **2,291,468**  
[13] A1

[51] **Int.Cl. 7F02B 75/06 7F16F 15/26**  
[25] EN  
[54] **BALANCER DEVICE FOR A FOUR-CYCLE V-TYPE EIGHT CYLINDER ENGINE**  
[54] **VOLANT DE VILEBREQUIN POUR MOTEUR A HUIT CYLINDRES EN V A QUATRE TEMPS**  
[72] YAMASAKI, YASUHIRO, JP  
[72] TAKAHARA, NAOKI, JP  
[72] SAYAMA, TAKEHIKO, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1999-12-02  
[43] 2000-06-04  
[30] JP (10-345160) 1998-12-04  
[30] JP (10-372919) 1998-12-28

[21] **2,291,471**  
[13] A1

[51] **Int.Cl. 7A61K 31/4725 7A61P 7/00 7A61K 31/445 7A61K 31/4523 7A61K 31/47**  
[25] EN  
[54] **LOWERING BLOOD LEVELS OF LIPOPROTEIN(A)**  
[54] **DIMINUTION DES CONCENTRATIONS DE LIPOPROTEINE(A) DANS LE SANG**  
[72] HAMANAKA, ERNEST SEIICHI, US  
[72] CHANG, GEORGE, US  
[71] PFIZER PRODUCTS INC., US  
[22] 1999-12-02  
[43] 2000-06-04  
[30] US (60/111,100) 1998-12-04

[21] **2,291,478**  
[13] A1

[51] **Int.Cl. 7A23L 1/18**  
[25] EN  
[54] **PUFFED CEREAL CAKES**  
[54] **GATEAUX AUX CEREALES SOUFFLES**  
[72] JACH, THEODORE, BE  
[72] BAILLIE, CATHERINE V., BR  
[72] GARGARO, FABIANA F., BR  
[72] YONEMOTO, LUCIO H., BR  
[72] CAPODIECI, ROBERTO A., US  
[71] N.V. MASTERFOODS S.A., BE  
[22] 1999-12-02  
[43] 2000-06-08  
[30] GB (9826976.4) 1998-12-08

[21] **2,291,491**  
[13] A1

[51] **Int.Cl. 7B41F 31/08**  
[25] EN  
[54] **CARTRIDGE STOPPER WITH A VALVE FUNCTION**  
[54] **BUTEE DE CARTOUCHE A FONCTION DE VALVE**  
[72] RITTER, FRANK, DE  
[71] RITTER, FRANK, DE  
[22] 1999-12-03  
[43] 2000-06-05  
[30] DE (198 56 221.7) 1998-12-05

[21] **2,291,492**  
[13] A1

[51] **Int.Cl. 7D06F 39/08 7F16L 55/00 7F17D 5/04**  
[25] EN  
[54] **A SAFETY HOSE SYSTEM**  
[54] **SYSTEME DE TUYAU SOUPLE DE SECURITE**  
[72] SELBY, WILLIAM J., US  
[71] SELBY, WILLIAM J., US  
[22] 1999-12-03  
[43] 2000-06-04  
[30] US (09/205,393) 1998-12-04

[21] **2,291,495**  
[13] A1

[51] **Int.Cl. 7H01S 3/00 7H04J 1/00 7H04B 10/04**  
[25] FR  
[54] **SOURCE MULTI-LONGUEUR D'ONDE**  
[54] **MULTIPLE WAVELENGTH SOURCE**  
[72] LALOUX, BERNARD, FR  
[72] LEFEVRE, HERVÉ, FR  
[72] MARTIN, PHILIPPE, FR  
[72] GRAINDORGE, PHILIPPE, FR  
[71] PHOTONETICS, FR  
[22] 1999-12-01  
[43] 2000-06-04  
[30] FR (98 15367) 1998-12-04

[21] **2,291,496**  
[13] A1

[51] **Int.Cl. 7B29D 30/06 7B60C 23/00**  
[25] EN  
[54] **METHOD FOR PREPARING AN INNERLINER OF A PNEUMATIC TIRE FOR THE QUICK BONDING OF AN ELECTRONIC MONITORING DEVICE**  
[54] **METHODE DE PREPARATION DU REVETEMENT INTERIEUR D'UN PNEUMATIQUE AFIN DE PERMETTRE L'ADHESION RAPIDE D'UN DISPOSITIF DE SURVEILLANCE ELECTRONIQUE**  
[72] KOCH, RUSSELL W., US  
[72] WILSON, PAUL B., US  
[72] STALNAKER, MICHELLE R., US  
[71] BRIDGESTONE/FIRESTONE, INC., US  
[22] 1999-12-03  
[43] 2000-06-04  
[30] US (09/205,931) 1998-12-04

[21] **2,291,498**  
[13] A1

[51] **Int.Cl. 7B60C 23/00**  
[25] EN  
[54] **METHOD OF ATTACHING SENSITIVE ELECTRONIC EQUIPMENT TO THE INNER SURFACE OF A TIRE**  
[54] **METHODE DE FIXATION D'EQUIPEMENT ELECTRONIQUE SENSIBLE A LA SURFACE INTERIEURE D'UN PNEU**  
[72] KOCH, RUSSELL W., US  
[72] WILSON, PAUL B., US  
[71] BRIDGESTONE/FIRESTONE, INC., US  
[22] 1999-12-03  
[43] 2000-06-04  
[30] US (09/206,042) 1998-12-04

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June 4, 2000 - June 10, 2000

[21] **2,291,499**  
[13] A1  
[51] **Int.Cl. 7B29D 30/06 7B60C 23/00**  
[25] EN  
[54] **PATCH FOR PREPARING AN INNERLINER OF A PNEUMATIC TIRE FOR THE QUICK BONDING OF AN ELECTRONIC MONITORING DEVICE**  
[54] **EMPLATRE POUR LA PREPARATION DU REVETEMENT INTERIEUR D'UN PNEUMATIQUE AFIN DE PERMETTRE L'ADHESION RAPIDE D'UN DISPOSITIF DE SURVEILLANCE ELECTRONIQUE**  
[72] KOCH, RUSSELL W., US  
[72] WILSON, PAUL B., US  
[72] STALNAKER, MICHELLE R., US  
[71] BRIDGESTONE/FIRESTONE, INC., US  
[22] 1999-12-03  
[43] 2000-06-04  
[30] US (09/206,273) 1998-12-04

[21] **2,291,502**  
[13] A1  
[51] **Int.Cl. 7C03C 8/02 7C03C 3/064**  
[25] EN  
[54] **LEAD-FREE ALKALI METAL-FREE GLASS COMPOSITIONS**  
[54] **COMPOSITIONS DE VERRES SANS PLOMB ET SANS METAUX ALCALINS**  
[72] SAKOSKE, GEORGE E., US  
[71] CERDEC AKTIENGESELLSCHAFT KERAMISCHE FARBEN, DE  
[22] 1999-12-03  
[43] 2000-06-04  
[30] US (09/205,287) 1998-12-04

[21] **2,291,505**  
[13] A1  
[51] **Int.Cl. 7G01V 3/11**  
[25] FR  
[54] **DISPOSITIF DE DETECTION ELECTROMAGNETIQUE, PROCEDE ET STRUCTURE A ENTERRER**  
[54] **ELECTROMAGNETIC DEVICE FOR DETECTING BURIED STRUCTURES AND PROCEDURE FOR USING IT**  
[72] VITOU, DOMINIQUE, FR  
[72] POIGNON, JEAN-MARIE, FR  
[71] NORTENE, FR  
[22] 1999-12-03  
[43] 2000-06-04  
[30] FR (98 15 347) 1998-12-04  
[30] FR (99 04 248) 1999-04-06  
[30] FR (99 07 348) 1999-06-10

[21] **2,291,506**  
[13] A1  
[51] **Int.Cl. 7C07D 277/36 7C08K 5/47 7C07D 277/58 7C07D 277/78**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF DITHIAZOLYL DISULFIDES**  
[54] **PROCEDE DE PREPARATION DE DISULFURES DE DITHIAZOLYLE**  
[72] NOLTE, WILFRIED, DE  
[72] KÿNIGSHOFEN, HEINRICH, DE  
[72] SICHENEDER, ADOLF, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1999-12-03  
[43] 2000-06-08  
[30] DE (19856439.2) 1998-12-08

[21] **2,291,507**  
[13] A1  
[51] **Int.Cl. 7C02F 5/06 7D21C 3/22**  
[25] EN  
[54] **CALCIUM HARDNESS REDUCING TECHNOLOGY FOR RECYCLED WATER OF PAPERMILL**  
[54] **TECHNIQUE DE REDUCTION DE LA DURETE CALCIQUE DES EAUX DE RECYCLAGE D'USINES DE PAPIER**  
[72] RYU, JEONG YONG, KR  
[72] OW, SAY KYOUN, KR  
[72] SHIN, JONG-HO, KR  
[72] JI, KYOUNG RAK, KR  
[72] SONG, BONG KEUN, KR  
[71] KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, KR  
[22] 1999-12-03  
[43] 2000-06-08  
[30] KR (98-53566) 1998-12-08

[21] **2,291,513**  
[13] A1  
[51] **Int.Cl. 7H04Q 3/52**  
[25] FR  
[54] **MATRICE DE COMMULATEURS A DEUX POSITIONS CHACUN**  
[54] **SWITCHING MATRIX FEATURING TWO POSITIONS FOR EACH SWITCH**  
[72] DARROT, ERIC, FR  
[72] VAILLANT, BRUNO, FR  
[71] ALCATEL, FR  
[22] 1999-12-06  
[43] 2000-06-07  
[30] FR (98 15 397) 1998-12-07

[21] **2,291,519**  
[13] A1  
[51] **Int.Cl. 7A01N 37/16 7A01N 59/00**  
[25] EN  
[54] **PREVENTING CONTAMINATION OF AN AQUATIC ENVIRONMENT WITH ORGANISMS FROM ANOTHER LOCALITY**  
[54] **MOYEN DE PREVENIR LA CONTAMINATION D'UN MILIEU AQUATIQUE PAR DES ORGANISMES PROVENANT D'UN AUTRE LIEU**  
[72] FUCHS, RAINER, DE  
[72] HUSS, MICHAEL, DE  
[72] WERLE, PETER, DE  
[71] DEGUSSA-HÖLS AKTIENGESELLSCHAFT, DE  
[22] 1999-12-03  
[43] 2000-06-04  
[30] DE (198 56 071.0) 1998-12-04

[21] **2,291,520**  
[13] A1  
[51] **Int.Cl. 7C07C 233/49 7A61K 7/00 7C07C 233/47**  
[25] FR  
[54] **COMPOSITIONS HYDROALCOOLIQUES CONCENTREES FLUIDES D'ALKYLAMIDOPROPYLBETAINES DE COPRAH OU DE PALMISTE HYDROGENE**  
[54] **CONCENTRATED, LIQUID HYDROALCOHOLIC COMPOUNDS CONTAINING ALKYLAMIDOPROPYL BETAINE DERIVED FROM COPRA OR HYDROGENATED PALM KERNELS**  
[72] GAMET, JEAN-PAUL, FR  
[72] FOUQUAY, STÉPHANE, FR  
[72] DE MESANSTOURNE, RÉGINE, FR  
[72] GUILLEMET, FRANÇOIS, FR  
[71] CECA S.A., FR  
[22] 1999-12-06  
[43] 2000-06-07  
[30] FR (98 15 398) 1998-12-07

[21] **2,291,522**  
[13] A1  
[51] **Int.Cl. 7G02F 1/025**  
[25] FR  
[54] **MODULATEUR DE PHASE A SEMI-CONDUCTEUR**  
[54] **SEMI-CONDUCTOR PHASE MODULATOR**  
[72] DUCHET, CHRISTIAN, FR  
[71] ALCATEL, FR  
[22] 1999-12-07  
[43] 2000-06-08  
[30] FR (98 15 486) 1998-12-08

**Demandes canadiennes mises à la disponibilité du public**  
**4 juin 2000 - 10 juin 2000**

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[21] **2,291,523**  
[13]

[51] **Int.Cl. 7B01J 37/02 7C10G 45/08**  
[25] FR  
[54] **CATALYSEUR D'HYDROTRAITEMENT DE CHARGES HYDROCARBONEES DANS UN REACTEUR A LIT FIXE**  
[54] **CATALYZER FOR HYDROTREATMENT OF HYDROCARBONATED CHARGES IN A FIXED-BED REACTOR**  
[72] MOREL, FRÉDÉRIC, FR  
[72] KRESSMANN, STÉPHANE, FR  
[72] HARLE, VIRGINIE, FR  
[72] KASZTELAN, SLAVIK, FR  
[71] L'INSTITUT FRANCAIS DU PETROLE, FR  
[22] 1999-12-08  
[43] 2000-06-10  
[30] FR (98 15 596) 1998-12-10

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[21] **2,291,524**  
[13] A1

[51] **Int.Cl. 7B27N 3/00**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF ENGINEERED PRODUCTS IN WHICH CURING OF THE WOOD IS MONITORED ULTRASONICALLY AND APPARATUS USEFUL THEREFOR**  
[54] **PROCEDE DE FABRICATION DE PRODUITS DE HAUTE TECHNOLOGIE DANS LEQUEL LE TRAITEMENT DU BOIS EST SURVEILLE A L'AIDE D'ULTRASONS, ET APPAREIL CONNEXE**  
[72] THIEM, TERRY L., US  
[72] MCCrackEN, TIMOTHY S., US  
[72] DUFF, HOWARD S., US  
[72] HUNT, ROBERT N., US  
[71] BAYER CORPORATION, US  
[22] 1999-12-03  
[43] 2000-06-08  
[30] US (09/207,341) 1998-12-08

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[21] **2,291,528**  
[13] A1

[51] **Int.Cl. 7C04B 35/583**  
[25] EN  
[54] **HIGH STRENGTH SINTERED BODY**  
[54] **OBJET FRITTE A HAUTE RESISTANCE**  
[72] KUKINO, SATORU, JP  
[72] FUKAYA, TOMOHIRO, JP  
[72] NAKAI, TETSUO, JP  
[72] SHIRAIISHI, JUNICHI, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 1999-12-03  
[43] 2000-06-04  
[30] JP (10-346211) 1998-12-04

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[21] **2,291,530**  
[13] A1

[51] **Int.Cl. 7C04B 41/87 7C04B 35/583**  
[25] EN  
[54] **HIGH HARDNESS AND STRENGTH SINTERED BODY**  
[54] **OBJET FRITTE A HAUTE DURETE ET A HAUTE RESISTANCE**  
[72] KUKINO, SATORU, JP  
[72] NAKAI, TETSUO, JP  
[72] SHIRAIISHI, JUNICHI, JP  
[72] FUKAYA, TOMOHIRO, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 1999-12-03  
[43] 2000-06-04  
[30] JP (10-346208) 1998-12-04

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[21] **2,291,532**  
[13] A1

[51] **Int.Cl. 7E06B 3/04**  
[25] EN  
[54] **LIGHT ALLOY FRAME PROFILE SYSTEM FOR DOORS AND WINDOWS**  
[54] **SYSTEME DE PROFILES EN ALLIAGE LEGER POUR PORTES ET FENETRES**  
[72] FINKE, ANDREAS, DE  
[71] DORMA GMBH + CO. KG., DE  
[22] 1999-12-03  
[43] 2000-06-04  
[30] DE (198 55 854.6) 1998-12-04  
[30] DE (198 56 040.0) 1998-12-04  
[30] DE (198 56 042.7) 1998-12-04  
[30] DE (298 21 561.6) 1998-12-04  
[30] DE (198 56 232.2) 1998-12-04

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[21] **2,291,533**  
[13] A1

[51] **Int.Cl. 7A62B 35/00**  
[25] EN  
[54] **FALL PROTECTION SYSTEM AND TROLLEY FOR USE IN SUCH A SYSTEM**  
[54] **SYSTEME DE PROTECTION ANTICHUTES ET DISPOSITIF DE SUSPENSION CONNEXE**  
[72] WESTERWEEL, JOZEF MARIA, NL  
[71] ZIET VERDER BEHEER B.V., NL  
[22] 1999-12-03  
[43] 2000-06-07  
[30] NL (NL-1010740) 1998-12-07

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[21] **2,291,534**  
[13] A1

[51] **Int.Cl. 7H04Q 3/64 7H04Q 3/62**  
[25] EN  
[54] **DISTRIBUTED TECHNIQUE FOR ALLOCATING CALLS**  
[54] **TECHNIQUE REPARTIE POUR ASSIGNATION DES APPELS**  
[72] GRAY, THOMAS, CA  
[72] FULLARTON, SONYA, CA  
[71] MITEL CORPORATION, CA  
[22] 1999-12-03  
[43] 2000-06-09  
[30] GB (9827158.8) 1998-12-09

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[21] **2,291,535**  
[13] A1

[51] **Int.Cl. 7E21B 7/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DRILLING BOREHOLES IN EARTH FORMATIONS (DRILLING LINER SYSTEMS).**  
[54] **METHODE ET APPAREIL DE FORAGE DE FORMATIONS TERRESTRES (SYSTEMES DE TUBES DE FORAGE)**  
[72] WATKINS, LARRY, US  
[72] MAKOHL, FRIEDHELM, DE  
[72] HAHN, DETLEF, DE  
[72] FINCHOR, ROGER, US  
[71] BAKERS HUGHES INCORPORATED, US  
[22] 1999-12-03  
[43] 2000-06-04  
[30] US (09/205,969) 1998-12-04

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Canadian Laid-Open Applications  
June 4, 2000 - June 10, 2000

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[21] **2,291,543**  
[13] A1  
[51] **Int.Cl. 7B60K 31/00 7B60K 31/04**  
[25] EN  
[54] **ADAPTIVE VEHICLE CRUISE CONTROL SYSTEM AND METHODOLOGY**  
[54] **SYSTEME ADAPTATIF DE REGULATION DE VITESSE POUR VEHICULES ET METHODOLOGIE CONNEXE**  
[72] RICHARDSON, MICHAEL, GB  
[72] ENGELMAN, GERALD, US  
[72] KING, PAUL, GB  
[72] BARBER, PHILIP, GB  
[71] FORD GLOBAL TECHNOLOGIES, INC., US  
[22] 1999-12-03  
[43] 2000-06-07  
[30] US (09/207,007) 1998-12-07

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[21] **2,291,554**  
[13] A1  
[51] **Int.Cl. 7B01F 15/02 7B67D 5/56**  
[25] EN  
[54] **DOSING APPARATUS**  
[54] **DOSEUR**  
[72] ZABEL, LUTZ, CH  
[72] MAGYAROVITS, JANOS, CH  
[71] SIKA AG, VORM. KASPAR WINKLER & CO., CH  
[22] 1999-12-03  
[43] 2000-06-04  
[30] CH (2410/98) 1998-12-04  
[30] EP (99 107 802.3) 1999-04-20

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[21] **2,291,562**  
[13] A1  
[51] **Int.Cl. 7E21B 23/14**  
[25] EN  
[54] **HEAVY DUTY LOGGING AND PERFORATING CABLEHEAD FOR COILED TUBING**  
[54] **TETE DE CABLES DE DIAGRAPHIE ET DE PERFORATION ROBUSTE POUR TIGES SPIRALEES**  
[72] CONNELL, MICHAEL L., US  
[72] TUCKER, JAMES C., US  
[72] HOWARD, ROBERT G., US  
[71] HALLIBURTON ENERGY SERVICES, INC., US  
[22] 1999-12-03  
[43] 2000-06-04  
[30] US (09/205,967) 1998-12-04

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[21] **2,291,565**  
[13] A1  
[51] **Int.Cl. 7B01F 5/02**  
[25] EN  
[54] **PROCESS FOR MIXING OR DISPERSING LIQUIDS**  
[54] **PROCEDE POUR MELANGER OU DISPERSER DES LIQUIDES**  
[72] STEIN, HERMANN, CH  
[72] KOLB, GUDRUN, DE  
[72] VIARDOT, KLAUS, CH  
[71] F.HOFFMANN-LA ROCHE AG, CH  
[22] 1999-12-03  
[43] 2000-06-07  
[30] EP (98123237.4) 1998-12-07

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[21] **2,291,574**  
[13] A1  
[51] **Int.Cl. 7A61H 9/00**  
[25] EN  
[54] **PNEUMATIC MASSAGING APPARATUS WITH AUTOMATIC AIR PRESSURE CHANGEOVER MECHANISM**  
[54] **APPAREIL PNEUMATIQUE DE MASSAGE COMPORTANT UN MECANISME AUTOMATIQUE DE CHANGEMENT DE LA PRESSION D'AIR**  
[72] MEGURO, YASUO, JP  
[71] JAPAN NAC CO., LTD., JP  
[22] 1999-12-06  
[43] 2000-06-07  
[30] JP (10-9,641) 1998-12-07

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[21] **2,291,575**  
[13] A1  
[51] **Int.Cl. 7F16M 13/02 7B63B 17/00**  
[25] EN  
[54] **UNIVERSAL PLATFORM WITH HORIZONTAL MOUNTING SURFACE**  
[54] **PLATE-FORME HORIZONTALE AVEC SURFACE DE FIXATION HORIZONTALE**  
[72] GLEBE, G. TED, US  
[71] GLEBE, G. TED, US  
[22] 1999-12-06  
[43] 2000-06-07  
[30] US (60/111,127) 1998-12-07  
[30] US (09/321,267) 1999-05-27

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[21] **2,291,582**  
[13] A1  
[51] **Int.Cl. 7D07B 1/14**  
[25] EN  
[54] **DEVICE FOR IDENTIFICATION OF NEED TO REPLACE SYNTHETIC FIBER ROPES**  
[54] **DISPOSITIF POUR DETERMINER LE BESOIN DE REMPLACEMENT DE CORDES EN FIBRES SYNTHETIQUES**  
[72] DE ANGELIS, CLAUDIO, CH  
[71] INVENTIO AG, CH  
[22] 1999-12-06  
[43] 2000-06-07  
[30] EP (98811203.3) 1998-12-07

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[21] **2,291,585**  
[13] A1  
[51] **Int.Cl. 7B60P 7/08 7F16G 15/00**  
[25] EN  
[54] **CARGO TIE DOWN SYSTEM AND RETAINER USED THEREIN**  
[54] **SYSTEME D'ARRIMAGE DE FRET ET DISPOSITIFS DE RETENUE CONNEXES**  
[72] KAMPF, MARK, US  
[72] NADHERNY, RUDOLPH, US  
[71] IRECO, INC., US  
[22] 1999-12-06  
[43] 2000-06-09  
[30] US (09/207,848) 1998-12-09

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[21] **2,291,601**  
[13] A1  
[51] **Int.Cl. 7A01K 1/12 7A01J 5/017 7A01K 5/02**  
[25] EN  
[54] **A METHOD OF AUTOMATICALLY MILKING AND FEEDING ANIMALS, AS WELL AS AN IMPLEMENT AND A FEEDING STALL SUITABLE FOR SAME**  
[54] **METHODE DE TRAITE ET D'ALIMENTATION AUTOMATIQUES D'ANIMAUX, DE MEME QU'UN APPAREIL ET UNE STALLE D'ALIMENTATION**  
[72] VAN DEN BERG, KAREL, NL  
[71] MAASLAND N.V., NL  
[22] 1999-12-01  
[43] 2000-06-09  
[30] NL (1010764) 1998-12-09

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**4 juin 2000 - 10 juin 2000**

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[21] **2,291,603**  
[13] A1

[51] **Int.Cl. 7B65D 33/22**  
[25] EN  
[54] **VALVE BAG AND METHOD FOR MAKING A VALVE BAG**  
[54] **SAC A VALVE ET METHODE DE FABRICATION**  
[72] DONNELL, ROY H., US  
[71] SOUTHERN BAG CORPORATION, US  
[22] 1999-12-06  
[43] 2000-06-07  
[30] US (09/206,473) 1998-12-07

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[21] **2,291,606**  
[13]

[51] **Int.Cl. 7F16J 15/32 7F01D 11/08 7F02C 7/28 7F16J 15/54**  
[25] EN  
[54] **DUAL-CONTACT BRUSH SEAL**  
[54] **BALAI D'ETANCHEITE A DOUBLE CONTACT**  
[72] THORE, MONIQUE ANDRÉE, FR  
[72] PLONA, DANIEL GEORGES, FR  
[71] SOCIÉTÉ NATIONALE D'ÉTUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "SNEC, FR  
[22] 1999-12-01  
[43] 2000-06-10  
[30] FR (98 15572) 1998-12-10

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[21] **2,291,607**  
[13] A1

[51] **Int.Cl. 7B65D 6/00**  
[25] EN  
[54] **SINGLE AND DOUBLE WALL INSULATED CONTAINERS**  
[54] **CONTENEURS ISOTHERMES A PAROI SIMPLE ET A PAROI DOUBLE**  
[72] DIGIESI, ANTHONY L., US  
[71] DIGIESI, ANTHONY L., US  
[22] 1999-12-06  
[43] 2000-06-07  
[30] US (60/111,336) 1998-12-07

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[21] **2,291,711**  
[13] A1

[51] **Int.Cl. 7B25C 1/08**  
[25] EN  
[54] **APPARATUS FOR FASTENING PLUGS BY COMPRESSED GAS**  
[54] **APPAREIL POUR FIXER DES BOUCHONS AU MOYEN DE GAZ COMPRIME**  
[72] NAYRAC, FRÉDÉRIC, FR  
[72] HERELIER, PATRICK, FR  
[72] VETTORETTI, ALAIN, FR  
[71] SOCIETE DE PROSPECTION ET D'INVENTIONS TECHNIQUES SPIT, FR  
[22] 1999-12-03  
[43] 2000-06-04  
[30] FR (98 15341) 1998-12-04

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[21] **2,291,747**  
[13] A1

[51] **Int.Cl. 7E21B 10/46**  
[25] EN  
[54] **DRAG-TYPE ROTARY DRILL BIT**  
[54] **TETE DE FORAGE ROTATIVE A TRAINEE**  
[72] CARAWAY, DOUGLAS, US  
[72] MACMILLAN, ROBIN, VE  
[71] CAMCO INTERNATIONAL INC., US  
[22] 1999-12-03  
[43] 2000-06-04  
[30] US (60/110,998) 1998-12-04

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[21] **2,291,808**  
[13] A1

[51] **Int.Cl. 7C09J 153/00**  
[25] EN  
[54] **PRESSURE-SENSITIVE ADHESIVE COMPOSITION, PROCESS FOR THE PREPARATION THEREOF AND PRESSURE-SENSITIVE ADHESIVE SHEETS**  
[54] **COMPOSITION D'ADHESIF AUTOCOLLANT, PROCEDE POUR LEUR PREPARATION ET FEUILLES D'ADHESIF AUTOCOLLANT**  
[72] YAMAMOTO, MICHIHARU, JP  
[72] OKADA, KENICHI, JP  
[72] KAMIFUJI, FUMIKO, JP  
[72] DOI, TOMOKO, JP  
[72] MOROISHI, YUTAKA, JP  
[71] NITTO DENKO CORPORATION, JP  
[22] 1999-12-07  
[43] 2000-06-08  
[30] JP (10-348335) 1998-12-08  
[30] JP (11-170220) 1999-06-16  
[30] JP (11-223149) 1999-08-06  
[30] JP (11-308230) 1999-10-29

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[21] **2,291,812**  
[13] A1

[51] **Int.Cl. 7B01J 13/00 7C09C 1/02**  
[25] EN  
[54] **SILICA-MAGNESIUM FLUORIDE HYDRATE COMPOSITE SOLS AND PROCESS FOR THEIR PREPARATION**  
[54] **SOLS COMPOSITES D'HYDRATE DE FLUORURE DE MAGNESIUM ET DE SILICE ET PROCEDE POUR LEUR PREPARATION**  
[72] WATANABE, YOSHITANE, JP  
[72] SUZUKI, KEITARO, JP  
[72] TANEGASHIMA, OSAMU, JP  
[72] KOYAMA, YOSHINARI, JP  
[71] NISSAN CHEMICAL INDUSTRIES, LTD., JP  
[22] 1999-12-07  
[43] 2000-06-09  
[30] JP (349807/98) 1998-12-09

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[21] **2,291,817**  
[13] A1

[51] **Int.Cl. 7A61F 5/41 7A61H 19/00**  
[25] EN  
[54] **THERAPEUTIC VIBRATOR FOR CORRECTING ERECTILE DYSFUNCTION**  
[54] **VIBRO-MASSEUR THERAPEUTIQUE POUR LA CORRECTION DU DYSFONCTIONNEMENT ERECTILE**  
[72] LEBECQUE, MAURICE, CA  
[71] LEBECQUE, MAURICE, CA  
[22] 1999-12-07  
[43] 2000-06-08  
[30] US (60/111,382) 1998-12-08

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[21] **2,291,823**  
[13] A1  
[51] **Int.Cl. 7G01N 29/04 7B21B 38/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DETECTING FLAWS IN STRIP, METHOD OF MANUFACTURING COLD-ROLLED STEEL SHEET AND PICKLING EQUIPMENT FOR HOT-ROLLED STEEL STRIP**  
[54] **METHODE ET APPAREIL POUR DETECTER DES PAILLES DANS DES BANDES, METHODE DE FABRICATION DE TOLES D'ACIER LAMINEES A FROID ET EQUIPEMENT DE DECAPAGE A L'ACIDE POUR BANDES D'ACIER LAMINEES A CHAUD**  
[72] TOMURA, YASUO, JP  
[72] TAKADA, HAJIME, JP  
[72] OKADA, SUSUMU, JP  
[72] SHIMIZU, MASUTO, JP  
[72] KUGUMINATO, HIDEO, JP  
[72] MIYAKE, HIDENORI, JP  
[72] ARATANI, MAKOTO, JP  
[72] SASAKI, TOSHIHIRO, JP  
[72] IRI, MASATO, JP  
[71] KAWASAKI STEEL CORPORATION, JP  
[22] 1999-12-07  
[43] 2000-06-09  
[30] JP (10-350150) 1998-12-09  
[30] JP (10-350151) 1998-12-09

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[21] **2,291,833**  
[13] A1  
[51] **Int.Cl. 7G02C 7/04**  
[25] EN  
[54] **TORIC CONTACT LENS**  
[54] **LENTILLE DE CONTACT TORIQUE**  
[72] CLUTTERBUCK, TIMOTHY A., US  
[72] NEADLE, SUSAN W., US  
[72] HICKSON-CURRAN, SHIELA B., US  
[71] JOHNSON & JOHNSON VISION PRODUCTS, INC., US  
[22] 1999-12-07  
[43] 2000-06-09  
[30] US (09/208,516) 1998-12-09

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[21] **2,291,837**  
[13] A1  
[51] **Int.Cl. 7H04J 14/02 7H04B 10/20**  
[25] EN  
[54] **OPTICAL COMMUNICATION NETWORK**  
[54] **RESEAU DE COMMUNICATION OPTIQUE**  
[72] KOGA, MASAFUMI, JP  
[72] NAGATSU, NAOHIDE, JP  
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP  
[22] 1999-12-06  
[43] 2000-06-08  
[30] JP (10-349151) 1998-12-08  
[30] JP (11-029374) 1999-02-05

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[21] **2,291,840**  
[13] A1  
[51] **Int.Cl. 7B60K 6/04 7B60L 11/12 7B60L 15/20 7B60L 15/42**  
[25] EN  
[54] **CONTROL SYSTEM FOR HYBRID VEHICLE**  
[54] **SYSTEME DE COMMANDE POUR VEHICULE MIXTE**  
[72] NAKAMOTO, YASUO, JP  
[72] SAWAMURA, KAZUTOMO, JP  
[72] WAKASHIRO, TERUO, JP  
[72] KURODA, SHIGETAKA, JP  
[72] KITAJIMA, SHINICHI, JP  
[72] MATSUBARA, ATSUSHI, JP  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1999-12-06  
[43] 2000-06-07  
[30] JP (10-347541) 1998-12-07

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[21] **2,291,845**  
[13] A1  
[51] **Int.Cl. 7C08J 7/12**  
[25] EN  
[54] **FLAME-RETARDANT LAMINATED RESIN MOLDED ARTICLE**  
[54] **ARTICLE MOULE EN RESINE STRATIFIEE IGNIFUGE**  
[72] YOSHII, MAKOTO, JP  
[72] IMAHASHI, TAKESHI, JP  
[72] SAWA, YOSHIHARU, JP  
[71] KYOWA CHEMICAL INDUSTRY CO., LTD., JP  
[22] 1999-12-06  
[43] 2000-06-07  
[30] JP (347088/98) 1998-12-07  
[30] JP (013524/99) 1999-01-21

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[21] **2,291,851**  
[13] A1  
[51] **Int.Cl. 7C07K 14/81 7C12N 7/04**  
[25] EN  
[54] **STABILIZED ANTITHROMBIN III PREPARATION**  
[54] **PREPARATION D'ANTITHROMBINE III STABILISEE**  
[72] RŸMISCH, JÖRGEN, DE  
[72] STAUSS, HARALD, DE  
[71] CENTEON PHARMA GMBH, DE  
[22] 1999-12-06  
[43] 2000-06-08  
[30] DE (198 56 443.0) 1998-12-08

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[21] **2,291,857**  
[13] A1  
[51] **Int.Cl. 7C21D 7/06**  
[25] EN  
[54] **MARTENSITIC STAINLESS STEEL PRODUCTS**  
[54] **PRODUITS EN ACIER INOXYDABLE MARTENSITIQUE**  
[72] ANRAKU, TOSHIRO, JP  
[72] HIDAKA, YASUYOSHI, JP  
[72] AMAYA, HISASHI, JP  
[71] SUMITOMO METAL INDUSTRIES, LTD., JP  
[22] 1999-12-06  
[43] 2000-06-08  
[30] JP (10-348187) 1998-12-08  
[30] JP (11-231382) 1999-08-18

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[21] **2,291,860**  
[13]  
[51] **Int.Cl. 7H01M 16/00**  
[25] EN  
[54] **FUEL CELL DEVICE**  
[54] **DISPOSITIF DE PILE A COMBUSTIBLE**  
[72] EDA, NOBUO, JP  
[72] OHARA, HIDEO, JP  
[72] SUGAWARA, YASUSHI, JP  
[72] IYAMA, KEIICHI, JP  
[72] FUKUOKA, YUKO, JP  
[72] UCHIDA, MAKOTO, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1999-12-07  
[43] 2000-06-10  
[30] JP (10-351051) 1998-12-10

**Demandes canadiennes mises à la disponibilité du public**  
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[21] **2,291,863**  
[13]

[51] **Int.Cl. 7H03F 1/32 7H03F 1/34**  
[25] EN  
[54] **A LINEAR AMPLIFIER ARRANGEMENT**  
[54] **MONTAGE D'AMPLIFICATEUR LINEAIRE**  
[72] WESSEL, DAVID NEAL, CA  
[72] SMITH, HOWARD J., GB  
[72] MCNICOL, JOHN D., FR  
[71] NORTEL NETWORKS CORPORATION, CA  
[22] 1999-12-07  
[43] 2000-06-10  
[30] US (09/209,386) 1998-12-10

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[21] **2,291,866**  
[13]

[51] **Int.Cl. 7H04N 1/41 7G06T 9/00**  
[25] FR  
[54] **PROCEDE DE COMPRESSION D'IMAGES PAR TRANSFORMEE EN ONDELETTES UTILISANT UNE TECHNIQUE DE QUANTIFICATION PAR APPROXIMATIONS SUCCESSIVES**  
[54] **PROCESS FOR COMPRESSING IMAGES BY WAVELET TRANSFORM USING SUCCESSIVE APPROXIMATION QUANTIZATION TECHNIQUE**  
[72] FEAUTRIER, FRANÇOIS, FR  
[72] GILBERT, FRÉDÉRIC, FR  
[71] ALCATEL, FR  
[22] 1999-12-08  
[43] 2000-06-10  
[30] FR (98 15 580) 1998-12-10

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[21] **2,291,867**  
[13]

[51] **Int.Cl. 7B01J 23/883 7C10G 45/08**  
[25] FR  
[54] **HYDROTRAITEMENT DE CHARGES HYDROCARBONEES DANS UN REACTEUR EN LIT BOUILLONNANT**  
[54] **HYDROTREATMENT OF HYDROCARBONATED CHARGES IN A TURBULENT-BED REACTOR**  
[72] KRESSMANN, STÉPHANE, FR  
[72] KASZTELAN, SLAVIK, FR  
[72] HARLE, VIRGINIE, FR  
[72] MOREL, FRÉDÉRIC, FR  
[71] L'INSTITUT FRANCAIS DU PETROLE, FR  
[22] 1999-12-08  
[43] 2000-06-10  
[30] FR (98 15 595) 1998-12-10

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[21] **2,291,868**  
[13] A1

[51] **Int.Cl. 7H04B 15/00**  
[25] EN  
[54] **INTERFERENCE CANCELING DEVICE**  
[54] **DISPOSITIF D'ANNULATION DE BROUILLAGE**  
[72] YAMASHITA, KAZUO, JP  
[72] SANPEI, TOMOHIRO, JP  
[72] HONDA, TAMAKI, JP  
[72] SAKAMOTO, HIRONORI, JP  
[72] MORITA, HIROSHI, JP  
[71] JAPAN RADIO CO., LTD., JP  
[22] 1999-12-01  
[43] 2000-06-08  
[30] JP (HEI 10-348462) 1998-12-08

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[21] **2,291,901**  
[13]

[51] **Int.Cl. 7B41J 13/00 7G06K 15/16**  
[25] EN  
[54] **PRINTING APPARATUS, METHOD OF CONTROLLING IT AND STORAGE MEDIUM**  
[54] **IMPRIMANTE, METHODE DE COMMANDE ET SUPPORT D'ENREGISTREMENT**  
[72] FUKANO, KAZUKO, JP  
[71] SEIKO EPSON CORPORATION, JP  
[22] 1999-12-07  
[43] 2000-06-10  
[30] JP (10-351755) 1998-12-10  
[30] JP (10-356177) 1998-12-15

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[21] **2,291,909**  
[13] A1

[51] **Int.Cl. 7F16K 25/00 7F16K 1/42**  
[25] EN  
[54] **APPARATUS FOR IMPROVING THE SEATING OF AN ARMATURE FOR A WATER VALVE**  
[54] **APPAREIL POUR AMELIORER LE SIEGE D'UNE GARNITURE DE ROBINET**  
[72] SMOCK, STEVE W., US  
[72] DUHACK, MICHAEL R., US  
[71] EMERSON ELECTRIC CO., US  
[22] 1999-12-07  
[43] 2000-06-08  
[30] US (09/207,982) 1998-12-08

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[21] **2,291,910**  
[13] A1

[51] **Int.Cl. 7H04L 29/06 7H04Q 7/36**  
[25] EN  
[54] **WIRELESS TRANSPORT PROTOCOL**  
[54] **PROTOCOLE DE TRANSPORT SANS FIL**  
[72] COVELEY, MICHAEL, CA  
[71] COVELEY, SOLBYUNG, CA  
[22] 1999-12-09  
[43] 2000-06-09  
[30] US (60/111,556) 1998-12-09

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[21] **2,291,911**  
[13] A1

[51] **Int.Cl. 7H02G 15/013 7H01R 13/52**  
[25] EN  
[54] **IMPROVED ELECTRICAL INSULATION COATING FOR HERMETIC TERMINALS**  
[54] **REVETEMENT ISOLANT ELECTRIQUE AMELIORE POUR BORNES HERMETIQUES**  
[72] GULLISON, MICHAEL B., US  
[71] TECUMSEH PRODUCTS COMPANY, US  
[22] 1999-12-07  
[43] 2000-06-09  
[30] US (09/208,136) 1998-12-09

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[21] **2,291,915**  
[13] A1

[51] **Int.Cl. 7H04B 7/204**  
[25] EN  
[54] **MULTIPLE ACCESS COMMUNICATION SYSTEM**  
[54] **SYSTEME DE COMMUNICATION A ACCES MULTIPLE**  
[72] UEMATSU, AKIRA, JP  
[71] NEC CORPORATION, JP  
[22] 1999-12-07  
[43] 2000-06-08  
[30] JP (348987/1998) 1998-12-08

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[21] **2,291,923**  
[13] A1

[51] **Int.Cl. 7A61F 13/10**  
[25] EN  
[54] **ADHESIVE BANDAGE**  
[54] **PANSEMENT ADHESIF**  
[72] YOSHIDA, TAKESHI, JP  
[71] JOHNSON & JOHNSON KABUSHIKI KAISHA, JP  
[22] 1999-12-07  
[43] 2000-06-08  
[30] JP (349197) 1998-12-08

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[21] **2,291,924**  
[13] A1  
[51] **Int.Cl. 7B60P 1/48 7A01D 90/08 7B66F 3/25**  
[25] EN  
[54] **TELESCOPING FLAT BED GRIPPING AND LIFT ASSEMBLY**  
[54] **BRAS TELESCOPIQUE DE LEVAGE POUR PLATEAU DROIT DE CAMION**  
[72] SHELLHAMMER, GARY L., US  
[71] HARPER INDUSTRIES, INC., US  
[22] 1999-12-07  
[43] 2000-06-08  
[30] US (09/207,874) 1998-12-08

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[21] **2,291,925**  
[13] A1  
[51] **Int.Cl. 7B41J 2/185**  
[25] EN  
[54] **INK JET PRINTING PROCESS FOR THE PRODUCTION OF PICTURES**  
[54] **PROCEDE D'IMPRESSON PAR JET D'ENCRE POUR LA PRODUCTION D'IMAGES**  
[72] LANDOLT, MARKUS, CH  
[72] KELLER, GUIDO, CH  
[71] GRETAG IMAGING AG, CH  
[22] 1999-12-07  
[43] 2000-06-08  
[30] EP (98 123 046.9) 1998-12-08

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[21] **2,291,926**  
[13]  
[51] **Int.Cl. 7A23L 1/221 7A23L 1/24**  
[25] EN  
[54] **VEGETABLE BASED CREAMY FOOD AND PROCESS THEREFOR**  
[54] **ALIMENT CREMEUX A BASE DE LEGUMES ET PROCEDE CONNEXE**  
[72] TANCIBOK, KRYSZYNA U., US  
[72] ROWE, ELLEN HARKABUS, US  
[72] LIEDL, FRANK, US  
[71] BESTFOODS, US  
[22] 1999-12-07  
[43] 2000-06-10  
[30] US (09/209,503) 1998-12-10

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[21] **2,291,934**  
[13]  
[51] **Int.Cl. 7H04M 3/42 7H04M 1/27**  
[25] EN  
[54] **TERMINAL ADAPTER**  
[54] **ADAPTATEUR DE TERMINAL**  
[72] KINOSHITA, KENTOKU, JP  
[71] SOPHIA INTERNATIONAL CO., LTD., JP  
[22] 1999-12-08  
[43] 2000-06-10  
[30] JP (10-351884) 1998-12-10  
[30] JP (10-351885) 1998-12-10

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[21] **2,291,935**  
[13] A1  
[51] **Int.Cl. 7H02J 7/00**  
[25] EN  
[54] **BATTERY CHARGER WITH IMPROVED RELIABILITY**  
[54] **CHARGEUR DE BATTERIE A FIABILITE ACCRUE**  
[72] ROY, JAMES, CA  
[72] LAFONT, DON, CA  
[71] VERITAS DGC, INC., US  
[22] 1999-12-08  
[43] 2000-06-09  
[30] US (09/208,137) 1998-12-09

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[21] **2,291,936**  
[13]  
[51] **Int.Cl. 7A61M 1/06**  
[25] EN  
[54] **BREASTPUMP WITH UNIVERSAL HOOD BASE AND INTERCHANGEABLE SUCTION HOODS**  
[54] **TIRE-LAIT AVEC BASE DE CORNET UNIVERSELLE ET CORNETS DE SUCCION INTERCHANGEABLES**  
[72] LARSSON, KARL O.A.H., CH  
[72] MOSER, BEAT J., US  
[72] BATES, DAVID A., US  
[72] SILVER, BRIAN H., US  
[72] GRETER, ANDY, CH  
[71] MEDELA, INC., US  
[22] 1999-12-08  
[43] 2000-06-10  
[30] US (60/111,895) 1998-12-10  
[30] US (UNKNOWN) 1999-11-29

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[21] **2,291,942**  
[13] A1  
[51] **Int.Cl. 7C09J 7/02 7A47G 27/02 7B32B 5/18**  
[25] EN  
[54] **PROCESS FOR PREPARING FOAM CUSHIONS HAVING "TPU" LAMINATE**  
[54] **PROCEDE DE PREPARATION DE COUSSINS AMORTISSEURS EN MOUSSE COMPORTANT UN STRATIFIE EN TPU**  
[72] LIDY, WERNER A., DE  
[72] PARKS, FRANKLIN E., US  
[72] O'NEILL, ROBERT E., US  
[71] THE DOW CHEMICAL COMPANY, US  
[22] 1999-12-08  
[43] 2000-06-09  
[30] US (09/208,345) 1998-12-09

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[21] **2,291,973**  
[13]  
[51] **Int.Cl. 7A47J 43/00**  
[25] EN  
[54] **MARINADE APPLICATOR**  
[54] **APPLICATEUR DE MARINADE**  
[72] LEON, WAYNE M., US  
[71] LEON, WAYNE M., US  
[22] 1999-12-10  
[43] 2000-06-10  
[30] US (09/208,435) 1998-12-10

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[21] **2,291,980**  
[13] A1  
[51] **Int.Cl. 7B65B 25/00 7B26D 1/02 7B65B 3/04**  
[25] EN  
[54] **AUTOMATIC LOADING OF PICKLES INTO JARS**  
[54] **MISE AUTOMATIQUE DES CORNICHONS DANS DES BOCAUX**  
[72] BORKIEWICZ, ZBIGNIEW S., US  
[72] HELENIAK, TOD W., US  
[72] DAANE, LARRY E., US  
[71] KRAFT FOODS, INC., US  
[22] 1999-12-07  
[43] 2000-06-09  
[30] US (09/208,723) 1998-12-09

**Demandes canadiennes mises à la disponibilité du public**  
**4 juin 2000 - 10 juin 2000**

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[21] **2,291,982**  
[13] A1

[51] **Int.Cl. 7H01M 6/52**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CLASSIFYING AND RECOVERING THE MAIN COMPONENTS OF USED BATTERIES**  
[54] **METHODE ET APPAREIL DE CLASSEMENT ET DE RECUPERATION DES PRINCIPAUX COMPOSANTS DE PILES USEES**  
[72] MIYAUCHI, REIZOU, JP  
[72] TSUZUKI, SATOSHI, JP  
[72] TANII, TADAAKI, JP  
[72] KAMIMURA, TAKEO, JP  
[72] HONNMURA, SHIRO, JP  
[72] HIRAI, TAKAHIKO, JP  
[72] KUROKAWA, MASAOKI, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
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[51] **Int.Cl. 7G06F 13/16 7G11C 7/00 7G06F 13/20 7G06F 15/78**  
[25] EN  
[54] **APPARATUS, SYSTEM AND METHOD FOR REDUCING BUS CONTENTION DURING CONSECUTIVE READ-WRITE OPERATIONS**  
[54] **APPAREIL, SYSTEME ET METHODE DE REDUCTION DES CONFLITS DE BUS DURANT DES OPERATIONS CONSECUTIVES DE LECTURE-ECRITURE**  
[72] PHAM, BINH, US  
[71] SUN MICROSYSTEMS, INC., US  
[22] 1999-12-07  
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[54] **WINDOW ASSEMBLY AND MOUNT FOR A WINDOW ASSEMBLY**  
[54] **ENSEMBLE DE FENETRE ET SUPPORT POUR ENSEMBLE DE FENETRE**  
[72] RAMUS, KEVIN J., US  
[71] PPG INDUSTRIES OHIO, INC., US  
[22] 1999-12-07  
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[21] **2,291,995**  
[13] A1

[51] **Int.Cl. 7B27C 5/10**  
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[54] **ROUTER GUIDE WITH ADJUSTABLE FRAME**  
[54] **GUIDE DE TOUPIE MUNI D'UN CADRE REGLABLE**  
[72] NEWMAN, ROGER R., CA  
[71] NEWMAN, ROGER R., CA  
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[54] **ROUTER SETBACK GAUGE**  
[54] **GABARIT DE REGLAGE DE TOUPIE**  
[72] NEWMAN, ROGER R., CA  
[71] NEWMAN, ROGER R., CA  
[22] 1999-12-09  
[43] 2000-06-09  
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[13] A1

[51] **Int.Cl. 7B27C 5/10**  
[25] EN  
[54] **ROUTER GUIDE APPARATUS WITH SECURING MEANS**  
[54] **GUIDE DE TOUPIE MUNI DE DISPOSITIFS DE RETENUE**  
[72] NEWMAN, ROGER R., CA  
[71] NEWMAN, ROGER R., CA  
[22] 1999-12-09  
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[13] A1

[51] **Int.Cl. 7B27C 5/10**  
[25] EN  
[54] **ROUTER GUIDE AND CLAMPING APPARATUS**  
[54] **GUIDE DE TOUPIE ET DISPOSITIF DE SERRAGE**  
[72] NEWMAN, ROGER R., CA  
[71] NEWMAN, ROGER R., CA  
[22] 1999-12-09  
[43] 2000-06-09  
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[21] **2,292,030**  
[13] A1

[51] **Int.Cl. 7C09D 133/14 7C09D 131/04**  
[25] EN  
[54] **CARPET BACK COATING COMPOSITIONS HAVING INCREASED WET STRENGTH**  
[54] **COMPOSITIONS POUR ENDUCTION D'ENVERS DE TAPIS POSSEDANT UNE RESISTANCE AU MOUILLE ACCRUE**  
[72] LUNSFORD, DAVID J., US  
[72] LEIGHTON, JOHN C., US  
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[22] 1999-12-09  
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[51] **Int.Cl. 7H04J 14/08**  
[25] EN  
[54] **A METHOD OF AND A DEVICE FOR POLARIZATION-INDEPENDENT OPTICAL DEMULTIPLEXING**  
[54] **METHODE ET DISPOSITIF DE DEMULTIPLEXAGE OPTIQUE INDEPENDANT DE LA POLARISATION**  
[72] CISTERNINO, FRANCESCO, IT  
[72] CALVANI, RICCARDO, IT  
[72] GIRARDI, RAFFAELE, IT  
[72] RICCARDI, EMILIO, IT  
[71] OTC - OPTICAL TECHNOLOGIES CENTER S.R.L., IT  
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[54] **ROUTER GUIDE MILLING APPARATUS AND METHOD**  
[54] **APPAREIL ET METHODE DE FRAISAGE A L'AIDE D'UN GUIDE DE TOUPIE**  
[72] NEWMAN, ROGER R., CA  
[71] NEWMAN, ROGER R., CA  
[22] 1999-12-09  
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[13] A1  
[51] **Int.Cl. 7B27C 5/10**  
[25] EN  
[54] **ADJUSTABLE ROUTER GUIDE PLATFORM WITH INTEGRATED CLAMP**  
[54] **PLATE-FORME ET GUIDE DE TOUPIE REGLABLES AVEC DISPOSITIF DE SERRAGE INTEGRE**  
[72] NEWMAN, ROGER R., CA  
[71] NEWMAN, ROGER R., CA  
[22] 1999-12-09  
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[13] A1  
[51] **Int.Cl. 7B27C 5/10**  
[25] EN  
[54] **ROUTER GUIDE APPARATUS**  
[54] **GUIDE DE TOUPIE**  
[72] NEWMAN, ROGER R., CA  
[71] NEWMAN, ROGER R., CA  
[22] 1999-12-09  
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[25] EN  
[54] **POLYSACCHARIDE WHICH CAN REDUCE VISCOSITY RESULTING FROM PSYLLIUM, AND FOODS AND BEVERAGES CONTAINING THE POLYSACCHARIDE AND PSYLLIUM**  
[54] **POLYSACCHARIDE POUVANT REDUIRE LA VISCOSITE DUE AU PSYLLIUM ET ALIMENTS ET BOISSONS CONTENANT LE POLYSACCHARIDE ET DU PSYLLIUM**  
[72] KAWAMURA, YASUMASA, JP  
[72] NAKAZEKO, TAKUO, JP  
[72] AKIYAMA, DAIZABURO, JP  
[72] DATE, KATSUHIRO, JP  
[72] UEDA, KAZUHIKO, JP  
[71] NISSIN SHOKUHIN KABUSHIKI KAISHA, JP  
[22] 1999-12-09  
[43] 2000-06-10  
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[13] A1  
[51] **Int.Cl. 7B27C 5/10**  
[25] EN  
[54] **ROUTER BASE ADAPTER UNIT FOR SMALL TEMPLATES**  
[54] **ADAPTATEUR DE TOUPIE POUR PETITS GABARITS**  
[72] NEWMAN, ROGER R., CA  
[71] NEWMAN, ROGER R., CA  
[22] 1999-12-09  
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[25] EN  
[54] **AN ELECTROLIER FLAG**  
[54] **DRAPEAU LUMINEUX**  
[72] CHANG, CHIH-CHEN, TW  
[71] CHANG, CHIH-CHEN, TW  
[71] CHANG, CHIH-CHEN, TW  
[22] 1999-12-09  
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[13]  
[51] **Int.Cl. 7H01C 10/50 7F24C 7/08 7F24C 3/12 7H01C 10/36**  
[25] EN  
[54] **SINGLE KNOB ROTARY OVEN CONTROL APPARATUS PROVIDING CONTINUOUS AND DISCRETE CONTROL INFORMATION**  
[54] **APPAREIL DE COMMANDE DE FOUR ROTATIF A UN SEUL BOUTON AFFICHANT DES INFORMATIONS CONTINUES ET DISCRETES**  
[72] ALVORD, ROBERT J., US  
[72] HUFFINGTON, JEFFERY M., US  
[72] GLENNON, THOMAS F., US  
[72] MOTYKA, LARRY, US  
[71] RANCO INCORPORATED OF DELAWARE, US  
[22] 1999-12-09  
[43] 2000-06-10  
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[51] **Int.Cl. 7C07F 9/6558 7G01N 33/533 7G01N 33/535**  
[25] EN  
[54] **COMPOSITIONS AND METHODS FOR GENERATING RED CHEMILUMINESCENCE**  
[54] **COMPOSITIONS ET METHODES POUR PRODUIRE UNE CHIMILUMINESCENCE ROUGE**  
[72] AKHAVAN-TAFTI, HASHEM, US  
[71] LUMIGEN, INC., US  
[22] 1999-12-08  
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[13] A1

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[25] EN  
[54] **FOOD SERVING PAPERBOARD CONTAINER PRESSING APPARATUS EMPLOYING CAST-IN ELECTRICAL HEATERS**  
[54] **APPAREIL DE PRESSAGE DE CONTENANT DE CARTON SERVANT POUR LA NOURRITURE, EMPLOYANT DES ELEMENTS ELECTRIQUES CHAUFFANT COULES**  
[72] JOHNS, ALBERT D., US  
[72] SMITH, BRUCE R., US  
[72] ZELINSKI, THOMAS W., US  
[72] SOFRONIE, MIRCEA, US  
[72] LITTLEJOHN, MARK B., US  
[71] FORT JAMES CORPORATION, US  
[22] 1999-12-08  
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[13] A1

[51] **Int.Cl. 7H01J 61/02 7H01K 1/18 7H01J 61/36**  
[25] EN  
[54] **LAMP WITH A MECHANICAL BASE**  
[54] **LAMPE MUNIE D'UN CULOT MECANIQUE**  
[72] TRYPKE, DIETER, DE  
[72] MUEHLICH, ERNST, DE  
[72] THIEL, JOACHIM, DE  
[71] PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLUEHLAMPEN MBH, DE  
[22] 1999-12-08  
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[25] EN  
[54] **W/O EMULSIONS COMPRISING AMINO-FUNCTIONAL ORGANOPOLYSILOXANES**  
[54] **EMULSIONS E/H COMPORTANT DES ORGANOPOLYSILOXANES A FONCTION AMINE**  
[72] STADTMÖLLER, STEFAN, DE  
[72] MÖLLER, FELIX, DE  
[72] EISSMANN, INGRID, DE  
[72] HENNING, JUTTA, DE  
[71] GOLDSCHMIDT AG, DE  
[22] 1999-12-08  
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[13] A1

[51] **Int.Cl. 7E04B 7/18 7E04D 13/03**  
[25] EN  
[54] **METHOD AND APPARATUS FOR USING A DETENT ARRANGEMENT ON A ROOF WINDOW FRAME AND SASH**  
[54] **METHODE ET APPAREIL D'UTILISATION D'UN CLIQUET SUR UN CADRE ET UN CHASSIS DE LUCARNE**  
[72] WEISS, DAVID J., US  
[72] GUHL, JAMES C., US  
[71] ANDERSEN CORPORATION, US  
[22] 1999-12-07  
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[25] EN  
[54] **CABLE INSTALLATION AND LUBRICATION APPARATUS AND METHOD**  
[54] **INSTALLATION DE CABLAGE ET APPAREILLAGE ET METHODE DE LUBRIFICATION**  
[72] MUELLER, RAYMOND E., US  
[72] BATSON, ROBERT D., US  
[72] GARLAND, DREW D., US  
[72] POUR, RAYMOND L., US  
[71] UTILITECH INTERNATIONAL, INC., US  
[22] 1999-12-03  
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[25] EN  
[54] **WELLBORE CASING**  
[54] **CHEMISAGE DE PUIITS DE FORAGE**  
[72] STEWART, R. BRUCE, NL  
[72] MACK, ROBERT D., US  
[72] HAUT, RICHARD CARL, US  
[72] RING, LEV, US  
[72] BRISCO, DAVID PAUL, US  
[72] COOK, ROBERT LANCE, US  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[22] 1999-12-03  
[43] 2000-06-07  
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[13] A1

[51] **Int.Cl. 7C07C 31/04 7C07C 29/151 7C07C 29/154**  
[25] EN  
[54] **METHOD OF MANUFACTURING METHANOL**  
[54] **METHODE DE PRODUCTION DE METHANOL**  
[72] SEIKI, YOSHIO, JP  
[72] IMAI, TETSUYA, JP  
[72] OSORA, HIROYUKI, JP  
[72] NAGAI, HIDEAKI, JP  
[72] KOBAYASHI, KAZUTO, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1999-12-06  
[43] 2000-06-07  
[30] JP (10-347460) 1998-12-07  
[30] JP (10-347461) 1998-12-07  
[30] JP (11-215226) 1999-07-29  
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[25] EN  
[54] **LATCH HOLDBACK MECHANISM FOR A MORTISE LOCK**  
[54] **MECANISME DE RETENUE DE LOQUET POUR SERRURE A MORTAISER**  
[72] BABINSKI, ROBERT A., US  
[72] HENSLEY, FREDERICK M., US  
[71] SCHLAGE LOCK COMPANY, US  
[22] 1999-12-06  
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[51] **Int.Cl. 7F16D 3/205**  
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[54] **CONSTANT VELOCITY  
UNIVERSAL JOINT AND METHOD  
FOR ASSEMBLING THE SAME**  
[54] **JOINT DE CARDAN  
HOMOCINETIQUE ET METHODE  
D'ASSEMBLAGE**  
[72] NAKAO, SHOUICHI, JP  
[72] KUDO, SATORU, JP  
[72] KAWAKATSU TSUTOMU, JP  
[71] HONDA GIKEN KOGYO  
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[22] 1999-12-06  
[43] 2000-06-08  
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[51] **Int.Cl. 7G02B 6/44 7G02B 6/16**  
[25] EN  
[54] **ROBUST FIBER OPTIC CABLES**  
[54] **CABLES ROBUSTES A FIBRES  
OPTIQUES**  
[72] BRINGUIER, ANNE G., US  
[71] SIECOR OPERATIONS, LLC, US  
[22] 1999-12-10  
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[13] A1  
[51] **Int.Cl. 7H04B 7/216 7H04Q 7/30**  
[25] EN  
[54] **COMMUNICATION TERMINAL  
APPARATUS AND RADIO  
COMMUNICATION METHOD**  
[54] **APPAREIL TERMINAL DE  
COMMUNICATION ET METHODE DE  
RADIOCOMMUNICATION**  
[72] MIYA, KAZUYUKI, JP  
[71] MATSUSHITA ELECTRIC  
INDUSTRIAL CO., LTD., JP  
[22] 1999-12-06  
[43] 2000-06-08  
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[51] **Int.Cl. 7H04J 14/02**  
[25] EN  
[54] **OPTICAL WAVELENGTH  
DEMULTIPLEXER**  
[54] **DEMULTEPLEXEUR DE  
LONGUEURS D'ONDES OPTIQUES**  
[72] NAKAMA, KENICHI, JP  
[71] NIPPON SHEET GLASS CO., LTD., JP  
[22] 1999-12-06  
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[13]  
[51] **Int.Cl. 7B62D 55/104**  
[25] EN  
[54] **SUSPENSION MECHANISM FOR A  
SNOWMOBILE**  
[54] **MECANISME DE SUSPENSION  
POUR MOTONEIGE**  
[72] LAMOTTE, ANTHONY A., US  
[72] ZACZKOWSKI, JEFFREY T., US  
[71] AIR-LINK PERFORMANCE LLC, US  
[22] 1999-12-10  
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[13]  
[51] **Int.Cl. 7H02K 11/00 7H02P 19/00  
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[25] EN  
[54] **MECHANICAL RETURN FAIL-  
SAFE ACTUATOR FOR DAMPER,  
VALVE, ELEVATOR OR OTHER  
POSITIONING DEVICE**  
[54] **ACTIONNEUR A RETOUR  
MECANIQUE A SURETE INTEGREE  
POUR AMORTISSEUR, SOUPEPE,  
ELEVATEUR OU AUTRE DISPOSITIF  
DE POSITIONNEMENT**  
[72] McINTOSH, DOUGLAS S., GB  
[71] McINTOSH, DOUGLAS S., GB  
[22] 2000-02-18  
[43] 2000-06-10  
[30] US (09/252,558) 1999-02-19

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[13] A1  
[51] **Int.Cl. 7A61G 5/12**  
[25] EN  
[54] **PIVOTABLE ABDUCTION  
ABUTMENT SUPPORT FOR  
WHEELCHAIR OR THE LIKE**  
[54] **SUPPORT ARTICULE A BUTEE  
POUR ABDUCTION SUR FAUTEUIL  
ROULANT OU DISPOSITIF  
SEMBLABLE**  
[72] HARNOIS, JACQUES, CA  
[72] OBERTELLI, BERNARD, CA  
[71] HARNOIS, JACQUES, CA  
[22] 2000-02-09  
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[51] **Int.Cl. 7C11D 17/02 7C11D 3/08  
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[25] EN  
[54] **METHOD FOR PRODUCING  
STABLE AND RAPIDLY DISSOLVING  
WASHING DETERGENT TABLETS**  
[54] **PROCEDE POUR PRODUIRE DES  
COMPRIMES DE DETERGENT A  
DISSOLUTION RAPIDE ET STABLE**  
[72] JEBENS, HEINKE, DE  
[72] BLASEY, GERHARD, DE  
[72] KRUSE, HANS-FRIEDRICH, DE  
[72] MACHIN, ANTONI, ES  
[72] LIETZMANN, ANDREAS, DE  
[72] BOECKER, MONIKA, DE  
[72] BLOCK, CHRISTIAN, DE  
[72] SCHAMBIL, FRED, DE  
[71] HENKEL  
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[54] **POIGNEE DE PORTE AVEC AFFICHAGE GRAPHIQUE INTERCHANGEABLE**  
[72] OLIVIER, ARCHIE A., US  
[72] BECKER, WILLIAM E., US  
[71] EXCLUSIVE DOOR HANDLES, INC., US  
[85] 1999-11-04  
[86] 1999-08-26 (PCT/US99/19403)  
[87] 2000-06-08 ()  
[30] US (09/207,221) 1998-12-08  
[30] US (60/141,804) 1999-06-29  
[30] US (09/370,133) 1999-08-05

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[13] A1  
[51] **Int.Cl. 7A61M 25/00**  
[25] EN  
[54] **CATHETER HAVING INTEGRAL EXPANDABLE/COLLAPSIBLE LUMEN**  
[54] **CATHETER AYANT UNE LUMIERE EXTENSIBLE/RETRACTABLE INTEGREE**  
[72] SURESH, MITTA, US  
[72] DAVIS, ALBERT, US  
[71] CHASE MEDICAL INC., US  
[85] 2000-02-24  
[86] 1999-03-05 (PCT/US99/04824)  
[87] 2000-06-01 ()  
[30] US (09/204,108) 1998-12-01

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[13] A1  
[51] **Int.Cl. 7C12N 9/10 7C12N 15/54 7C12N 15/70**  
[25] EN  
[54] **BIOLOGICAL SYSTEMS FOR MANUFACTURE OF POLYHYDROXYLALKANOATE POLYMERS CONTAINING 4-HYDROXYACIDS**  
[54] **SYSTEMES BIOLOGIQUES UTILISES POUR PRODUIRE DES POLYMERES DE POLYHYDROXYALCANOATE CONTENANT DES ACIDES 4-HYDROXY**  
[72] SKRALY, FRANK A., US  
[72] HUISMAN, GJALT W., US  
[72] MARTIN, DAVID P., US  
[72] PEOPLES, OLIVER P., US  
[71] METABOLIX, INC., US  
[85] 2000-03-09  
[86] 1998-09-18 (PCT/US98/19659)  
[87] 1999-03-25 (WO99/14313)  
[30] US (60/059,373) 1997-09-19

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[21] **2,303,072**  
[13] A1  
[51] **Int.Cl. 7C07K 16/18 7C12N 5/20 7C07K 16/28 7A61K 39/395**  
[25] EN  
[54] **MONOCLONAL ANTIBODY INDUCING APOPTOSIS**  
[54] **ANTICORPS MONOCLONAL INDUISANT L' APOPTOSE**  
[72] UNO, SHINSUKE, JP  
[72] FUKUSHIMA, NAOSHI, JP  
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP  
[85] 2000-03-09  
[86] 1998-09-11 (PCT/JP98/04118)  
[87] 1999-03-18 (WO99/12973)  
[30] JP (9/264853) 1997-09-11

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[21] **2,303,408**  
[13] A1  
[51] **Int.Cl. 7C12N 15/10 7C12N 15/81**  
[25] EN  
[54] **CHROMOSOMAL MUTAGENESIS IN PICHIA METHANOLICA**  
[54] **MUTAGENESE CHROMOSOMIQUE DANS PICHIA METHANOLICA**  
[72] RAYMOND, CHRISTOPHER K., US  
[71] ZYMOGENETICS, INC., US  
[85] 2000-03-10  
[86] 1998-09-11 (PCT/US98/19448)  
[87] 1999-03-25 (WO99/14320)  
[30] US (08/929,748) 1997-09-15  
[30] US (09/001,141) 1997-12-30

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[21] **2,303,410**  
[13] A1  
[51] **Int.Cl. 7A61K 39/00 7A61K 9/00 7A61K 39/002 7A61K 39/02 7A61K 39/145 7A61K 39/15 7A61K 38/19 7A61K 39/21 7A61K 39/39**  
[25] EN  
[54] **MUCOSAL CYTOTOXIC T LYMPHOCYTE RESPONSES**  
[54] **REPONSES PROPRES AUX MUQUEUSES DE CELLULES T CYTOTOXIQUES**  
[72] BELYAKOV, IGOR M., US  
[72] BERZOFSKY, JAY A., US  
[72] STROBER, WARREN, US  
[72] KELSALL, BRIAN L., US  
[72] DERBY, MICHAEL A., US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as represented by THE SE, US  
[85] 2000-03-10  
[86] 1998-09-11 (PCT/US98/19028)  
[87] 1999-03-18 (WO99/12563)  
[30] US (60/058,523) 1997-09-11  
[30] US (60/074,894) 1998-02-17

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[21] **2,303,421**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/18 7C07K 16/42 7C07K 14/47 7C12Q 1/68**

[25] EN  
[54] **BETA-DEFENSINS**  
[54] **DEFENSINES BETA**  
[72] BEIGEL, STEPHANIE, US  
[72] BAINDUR, NAND, US  
[72] ADLER, DAVID, US  
[72] HOLLOWAY, JAMES L., US  
[71] ZYMOGENETICS, INC., US  
[85] 2000-03-08  
[86] 1998-09-10 (PCT/US98/19222)  
[87] 1999-03-18 (WO99/13080)  
[30] US (60/058,335) 1997-09-10  
[30] US (08/926,529) 1997-09-10  
[30] US (60/064,294) 1997-11-05  
[30] US (08/964,687) 1997-11-05

[21] **2,303,425**  
[13] A1

[51] **Int.Cl. 7A01H 1/04 7C12N 15/00 7A01H 1/06**

[25] EN  
[54] **METHOD FOR LARGE SCALE MUTAGENESIS IN CROP PLANTS**  
[54] **PROCEDE DE MUTAGENESE A GRANDE ECHELLE DANS DES PLANTES DE CULTURE**  
[72] ELKIND, YONATAN, IL  
[72] MEISSNER, RAFAEL, IL  
[72] LEVY, AVRAHAM A., IL  
[71] YEDA RESEARCH AND DEVELOPMENT CO. LTD., IL  
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALE, IL  
[85] 2000-03-10  
[86] 1998-09-10 (PCT/IL98/00442)  
[87] 1999-03-18 (WO99/12411)  
[30] IL (121750) 1997-09-11

[21] **2,303,430**  
[13] A1

[51] **Int.Cl. 7A61K 31/195**

[25] EN  
[54] **NITRIC OXIDE INHIBITS RHINOVIRUS INFECTION**  
[54] **LE MONOXYDE D'AZOTE INHIBE L'INFECTION PAR RHINOVIRUS**  
[72] PROUD, DAVID, US  
[72] SANDERS, SCHERER P., US  
[71] THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE, US  
[85] 2000-01-10  
[86] 1998-07-10 (PCT/US98/14466)  
[87] 1999-01-21 (WO99/02148)  
[30] US (60/052,307) 1997-07-11

[21] **2,303,479**  
[13] A1

[51] **Int.Cl. 7C12N 5/12 7C12N 5/10 7A61K 38/17 7C07K 16/28 7C12Q 1/68 7C07K 14/705**

[25] EN  
[54] **HUMAN SIGMA RECEPTOR**  
[54] **RECEPTEUR SIGMA HUMAIN**  
[72] HILLMAN, JENNIFER L., US  
[72] CORLEY, NEIL C., US  
[72] SHAH, PURVI, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2000-03-10  
[86] 1998-09-11 (PCT/US98/18941)  
[87] 1999-03-18 (WO99/13055)  
[30] US (08/928,612) 1997-09-12

[21] **2,303,480**  
[13] A1

[51] **Int.Cl. 7C12N 15/12 7C12N 5/10 7A61K 38/19 7C07K 14/52**

[25] EN  
[54] **MPL LIGAND ANALOGS**  
[54] **ANALOGUES DE LIGAND MPL**  
[72] ELLIOTT, STEVEN G., US  
[71] AMGEN INC., US  
[85] 2000-03-10  
[86] 1998-09-09 (PCT/US98/18753)  
[87] 1999-03-18 (WO99/13076)  
[30] US (08/927,855) 1997-09-11

[21] **2,303,615**  
[13] A1

[51] **Int.Cl. 7C12N 15/11 7A61K 38/00 7C07K 14/525**

[25] EN  
[54] **APRIL- A NOVEL PROTEIN WITH GROWTH EFFECTS**  
[54] **NOUVEAUX LIGANDS DE LA FAMILLE DES TNF**  
[72] TSCHOPP, JURG, CH  
[71] APOTECH S.A., CH  
[85] 2000-03-10  
[86] 1998-09-11 (PCT/US98/19191)  
[87] 1999-03-18 (WO99/12965)  
[30] US (60/058,786) 1997-09-12  
[30] US (60/079,384) 1998-03-26

[21] **2,303,616**  
[13] A1

[51] **Int.Cl. 7A01K 67/027**

[25] EN  
[54] **TRANSPLACENTAL DELIVERY OF OLIGONUCLEOTIDES**  
[54] **LIBERATION TRANSPLACENTAIRE D'OLIGONUCLEOTIDES**  
[72] DRIVER, SAMUEL E., US  
[72] ROBERTS, PETER C., US  
[71] QUANTITATIVE INFORMATIONAL KNOCKOUT TECHNOLOGY, US  
[85] 2000-03-10  
[86] 1998-09-11 (PCT/US98/18944)  
[87] 1999-03-18 (WO99/12414)  
[30] US (60/058,585) 1997-09-12  
[30] US (09/150,999) 1998-09-10

[21] **2,303,617**  
[13] A1

[51] **Int.Cl. 7A61K 48/00 7C12N 5/10**

[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO REGULATION OF T CELL ACTIVATION**  
[54] **AMELIORATIONS DE OU RELATIVES A LA REGULATION DE L'ACTIVATION DES CELLULES T**  
[72] ALVAREZ-VALLINA, LUIS, ES  
[72] RUSSELL, STEPHEN JAMES, US  
[71] MEDICAL RESEARCH COUNCIL, GB  
[85] 2000-03-06  
[86] 1998-09-07 (PCT/GB98/02689)  
[87] 1999-03-18 (WO99/12573)  
[30] GB (9718872.6) 1997-09-06  
[30] GB (9723448.8) 1997-11-07  
[30] US (60/076,448) 1998-03-02

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,303,618</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 48/00 7C12N 5/10</b> [25] EN [54] <b>IMPROVEMENTS IN OR RELATING TO EXPRESSION OF IMMUNOGENIC SUBSTANCES</b> [54] <b>AMELIORATIONS DE OU EN RELATION AVEC L'EXPRESSION DE SUBSTANCES IMMUNOGENES</b> [72] AGHA-MOHAMMADI, SIAMAK, GB [72] ALVAREZ-VALLINA, LUIS, ES [72] RUSSELL, STEPHEN JAMES, US [71] MEDICAL RESEARCH COUNCIL, GB [85] 2000-03-06 [86] 1998-09-07 (PCT/GB98/02693) [87] 1999-03-18 (WO99/12574) [30] GB (9718872.6) 1997-09-06 [30] GB (9723448.8) 1997-11-07 [30] US (60/076,448) 1998-03-02</p>	<p style="text-align: center;">[21] <b>2,303,768</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/86 7C12N 7/00 7C12N 5/10</b> [25] EN [54] <b>METHODS AND VECTOR CONSTRUCTS USEFUL FOR PRODUCTION OF RECOMBINANT AAV</b> [54] <b>PROCEDES ET PRODUITS GENETIQUES VECTORIELS UTILES POUR OBTENIR UN VIRUS ADENO-ASSOCIE (AAV)</b> [72] XIAO, WEIDONG, US [72] WILSON, JAMES M., US [71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US [85] 2000-03-16 [86] 1998-09-18 (PCT/US98/19479) [87] 1999-03-25 (WO99/14354) [30] US (60/059,330) 1997-09-19</p>	<p style="text-align: center;">[21] <b>2,303,775</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 39/385 7A61K 39/00</b> [25] EN [54] <b>METHODS TO IMPROVE IMMUNOGENICITY OF ANTIGENS AND SPECIFICITY OF ANTIBODIES</b> [54] <b>PROCEDE PERMETTANT D'AMELIORER L'IMMUNOGENICITE DES ANTIGENES ET LA SPECIFICITE DES ANTICORPS</b> [72] LENDA, REGINA, US [72] FITZPATRICK, JUDITH, US [71] SEREX, INC., US [85] 2000-03-20 [86] 1998-09-18 (PCT/US98/19660) [87] 1999-03-25 (WO99/13907) [30] US (60/059,378) 1997-09-19 [30] US (60/090,458) 1998-06-24</p>
<p style="text-align: center;">[21] <b>2,303,663</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/86 7A61K 48/00 7C12N 5/00 7C12N 5/10 7A61K 35/28 7C12N 15/63 7C12N 15/861 7C12N 15/867</b> [25] EN [54] <b>EXPRESSION OF GENES IN HEMATOPOIETIC STEM CELLS IN HISCHAEMIC CONDITIONS</b> [54] <b>EXPRESSION DE GENES DES CELLULES SOUCHES HEMATOPOIETIQUES DANS DES CONDITIONS HISCHAEMIQUE</b> [72] BEBBINGTON, CHRISTOPHER ROBERT, GB [72] BINLEY, KATIE MARY, GB [72] NAYLOR, MICHAEL STUART, GB [72] LEWIS, CLAIRE ELIZABETH, GB [71] OXFORD BIOMEDICA (UK) LIMITED, GB [85] 2000-03-21 [86] 1998-09-23 (PCT/GB98/02885) [87] 1999-04-01 (WO99/15684) [30] GB (9720216.2) 1997-09-23 [30] GB (9720465.5) 1997-09-25</p>	<p style="text-align: center;">[21] <b>2,303,771</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68 7A01K 67/027 7C12N 5/10</b> [25] EN [54] <b>ALLELIC VARIANTS OF THE PHOSPHOLIPASE C-GAMMA.1 GENE ASSOCIATED WITH BIPOLAR DISORDER</b> [54] <b>ALLELES DU GENE PHOSPHOLIPASE C-GAMMA.1 ASSOCIE AU TROUBLE BIPOLAIRE</b> [72] ALDA, MARTIN, CA [72] TURECKI, GUSTAVO, CA [72] ROULEAU, GUY A., CA [72] GROF, PAUL, CA [71] MCGILL UNIVERSITY, CA [71] UNIVERSITY OF OTTAWA, CA [85] 2000-03-17 [86] 1998-09-24 (PCT/CA98/00940) [87] 1999-04-01 (WO99/15697) [30] CA (2,216,686) 1997-09-24</p>	<p style="text-align: center;">[21] <b>2,303,776</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07F 15/04 7C07C 255/04 7C07C 255/07 7C07C 253/10 7B01J 31/18 7C07C 253/30 7C07C 255/33</b> [25] EN [54] <b>CATALYST COMPRISING AT LEAST ONE PHOSPHONITE LIGAND BASED NICKEL (O) COMPLEX AND METHOD FOR THE PRODUCTION OF NITRILES</b> [54] <b>CATALYSEUR COMPRENANT AU MOINS UN COMPLEXE NICKEL(O) A BASE DE LIGANDS DE PHOSPHONITE ET PROCEDE DE PREPARATION DE NITRILES</b> [72] SIEGEL, WOLFGANG, DE [72] FISCHER, JAKOB, DE [71] BASF AKTIENGESSELLSCHAFT, DE [85] 2000-03-10 [86] 1998-09-09 (PCT/EP98/05733) [87] 1999-03-25 (WO99/13983) [30] DE (19740180.5) 1997-09-12</p>

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[13] A1  
[51] **Int.Cl. 7C08G 63/06 7C08G 65/02 7C08G 63/08 7A61L 27/16 7A61L 27/54 7A61L 27/58 7C08G 63/66**  
[25] EN  
[54] **BIORESORBABLE COMPOSITIONS FOR IMPLANTABLE PROSTHESES**  
[54] **COMPOSITIONS BIORESORBABLES POUR PROTHESES IMPLANTABLES**  
[72] LOOMIS, GARY L., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2000-02-14  
[86] 1998-08-14 (PCT/US98/16933)  
[87] 1999-02-25 (WO99/08718)  
[30] US (08/914,130) 1997-08-18

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[21] **2,303,808**  
[13] A1  
[51] **Int.Cl. 7B62D 25/08 7B62D 65/00**  
[25] EN  
[54] **END MODULE ASSEMBLY FOR INSTALLATION ON A VEHICLE AND METHOD FOR MAKING THE SAME**  
[54] **ENSEMBLE DE MODULE D'EXTREMITE PREVU POUR ETRE INSTALLE SUR UN VEHICULE ET PROCEDE DE FABRICATION DE CE DERNIER**  
[72] YUSTICK, ROBERT F., US  
[71] DECOMA INTERNATIONAL INC., CA  
[85] 2000-03-17  
[86] 1998-10-23 (PCT/CA98/00983)  
[87] 1999-05-06 (WO99/21748)  
[30] US (60/062,817) 1997-10-24

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[13] A1  
[51] **Int.Cl. 7G06F 17/30 7G09B 5/06**  
[25] EN  
[54] **PRINTED BOOK AUGMENTED WITH ASSOCIATED ELECTRONIC DATA**  
[54] **LIVRE IMPRIME ENRICHI DE DONNEES ELECTRONIQUES ASSOCIEES**  
[72] IGGULDEN, JERRY, US  
[71] ITHACA MEDIA CORPORATION, US  
[85] 2000-02-16  
[86] 1998-08-18 (PCT/US98/17134)  
[87] 1999-02-25 (WO99/09496)  
[30] US (08/915,435) 1997-08-20

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[21] **2,303,810**  
[13] A1  
[51] **Int.Cl. 7A61K 38/06 7A23L 1/305**  
[25] EN  
[54] **ANTISTRESS AGENTS AND FUNCTIONAL FOODS**  
[54] **AGENTS ANTISTRESS ET ALIMENTS FONCTIONNELS**  
[72] MASUYAMA, AKIHIRO, JP  
[72] TAKANO, TOSHIKI, JP  
[71] CALPIS CO., LTD., JP  
[85] 2000-03-17  
[86] 1998-02-05 (PCT/JP98/00480)  
[87] 1999-04-08 (WO99/16461)  
[30] JP (9-262422) 1997-09-26

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[21] **2,303,811**  
[13] A1  
[51] **Int.Cl. 7B27N 3/14**  
[25] EN  
[54] **METHOD AND DEVICE FOR FORMING A MAT OF PARTICLE BOARD**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE PREPARER UN MAT DE PANNEAU DE PARTICULES**  
[72] BACKMAN, LENA, SE  
[72] LUNDGREN, GORAN, SE  
[72] ANDERSSON, LEIF H., SE  
[71] VALMET FIBERTECH AB, SE  
[85] 2000-02-18  
[86] 1998-06-16 (PCT/SE98/01152)  
[87] 1999-03-11 (WO99/11441)  
[30] SE (9703124-9) 1997-08-28

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[21] **2,303,812**  
[13] A1  
[51] **Int.Cl. 7C08K 3/26 7C08K 9/04 7C08K 13/06 7C08J 5/18**  
[25] EN  
[54] **PARTICULATE CARBONATES AND THEIR PREPARATION AND USE IN THERMOPLASTIC FILM COMPOSITIONS**  
[54] **CARBONATES PARTICULAIRES ET LEUR PREPARATION ET UTILISATION DANS DES COMPOSITIONS DE FILM THERMOPLASTIQUE**  
[72] ANSARI, DEEBA MARJAN, GB  
[72] CALHOUN, ALLISON ANNE, US  
[72] SHURLING, DICKEY S., US  
[72] SKELHORN, DAVID A., US  
[71] IMERYS MINERALS LIMITED, GB  
[85] 2000-02-28  
[86] 1999-05-21 (PCT/GB99/01420)  
[87] 1999-12-02 (WO99/61521)  
[30] US (60/086,493) 1998-05-22  
[30] US (60/099,239) 1998-09-04

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[13] A1  
[51] **Int.Cl. 7A61B 10/00**  
[25] EN  
[54] **BIOPSY APPARATUS AND METHOD**  
[54] **PROCEDE ET DISPOSITIF DE BIOPSIE**  
[72] CHELEDNIK, GEORGE M., US  
[72] KLECHER, CHRISTOPHER F., US  
[72] FARASCIONI, DAVID, US  
[72] MATULA, PAUL A., US  
[71] UNITED STATES SURGICAL CORPORATION, US  
[85] 2000-03-17  
[86] 1998-09-16 (PCT/US98/19422)  
[87] 1999-04-01 (WO99/15079)  
[30] US (60/059,545) 1997-09-19  
[30] US (60/059,548) 1997-09-19  
[30] US (09/040,244) 1998-02-20

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[21] **2,303,815**  
[13] A1  
[51] **Int.Cl. 7A61K 31/165**  
[25] EN  
[54] **N,N-BIS (PHENYL CARBAMOYL METHYL) DIMETHYLAMMONIUM CHLORIDE AND DERIVATIVES IN THE TREATMENT OF PAIN**  
[54] **CHLORURE DE N,N-BIS (PHENYL CARBAMOYL METHYL) DIMETHYLAMMONIUM ET SES DERIVES, SERVANT AU TRAITEMENT DE LA DOULEUR**  
[72] QUASTEL, DAVID M. J., CA  
[72] MACLEOD, BERNARD A., CA  
[71] NORTRAN PHARMACEUTICALS INC., CA  
[85] 2000-03-02  
[86] 1998-09-03 (PCT/CA98/00842)  
[87] 1999-03-11 (WO99/11252)  
[30] US (60/056,312) 1997-09-03

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## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,303,816</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B67D 1/04</b> [25] EN [54] <b>ASSEMBLY FOR STORING AND DISPENSING BEER AND OTHER CARBONATED BEVERAGES</b> [54] <b>INSTALLATION DE STOCKAGE ET DE DISTRIBUTION DE BIÈRE ET D'AUTRES BOISSONS GAZEUSES</b> [72] VAN DER MEER, SIETZE, NL [72] TIMMERMANS, SJOERD, NL [71] HEINEKEN TECHNICAL SERVICES B.V., NL [85] 2000-03-02 [86] 1998-09-04 (PCT/NL98/00508) [87] 1999-03-11 (WO99/11563) [30] NL (1006949) 1997-09-04 [30] NL (1006950) 1997-09-04 [30] US (60/057,814) 1997-09-04 [30] US (60/057,616) 1997-09-04</p>	<p style="text-align: right;">[21] <b>2,303,818</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 1/10 7A61M 1/12</b> [25] EN [54] <b>CARDIOVASCULAR SUPPORT CONTROL SYSTEM</b> [54] <b>SYSTEME DE COMMANDE DE SUPPORT CARDIOVASCULAIRE</b> [72] PSAKHIS, MICHAEL, US [72] FREED, PAUL S., US [72] KANTROWITZ, ADRIAN, US [72] DEDECKER, PAUL G., US [71] L. VAD TECHNOLOGY, INC., US [85] 2000-03-17 [86] 1998-09-30 (PCT/US98/20437) [87] 1999-04-08 (WO99/16481) [30] US (60/060499) 1997-09-30 [30] US (60/097819) 1998-08-25 [30] US (09/164513) 1998-09-30</p>	<p style="text-align: right;">[21] <b>2,303,821</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F42D 1/055</b> [25] EN [54] <b>SETTING OF TIME DELAYS IN A SEQUENCE OF EXPLOSIVE DETONATIONS</b> [54] <b>REGLAGE DES INTERVALLES DE TEMPS DANS UNE SEQUENCE DE DETONATIONS A L'EXPLOSIF</b> [72] SHANN, PETER, GB [71] HATOREX AG, CH [85] 2000-03-17 [86] 1999-07-08 (PCT/GB99/02186) [87] 2000-01-27 (WO00/04337) [30] GB (9815533.6) 1998-07-17</p>
<p style="text-align: right;">[21] <b>2,303,817</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/57</b> [25] EN [54] <b>21-HYDROXY-6,19-OXIDOPROGESTERONE (21OH-6OP) AND ITS USE AS MEDICAMENT FOR TREATING EXCESS OF GLUCOCORTICOIDS</b> [54] <b>21-HYDROXY-6,19-OXYDOPROGESTERONE(21OH-6OP) ET SON UTILISATION EN TANT QUE MEDICAMENT DESTINE A TRAITER L'EXCES DE GLUCOCORTICOIDES</b> [72] BURTON, GERARDO, AR [72] LANTOS, CARLOS PEDRO, AR [71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN [85] 2000-03-17 [86] 1998-09-22 (PCT/EP98/06021) [87] 1999-04-01 (WO99/15181) [30] EP (97116526.1) 1997-09-23</p>	<p style="text-align: right;">[21] <b>2,303,819</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B60P 7/04 7B60P 3/34</b> [25] EN [54] <b>FLEXIBLE COLLAPSIBLE UTILITY TRUCK BED COVER</b> [54] <b>CAPOTE PLIABLE, FLEXIBLE POUR CAMIONNETTE UTILITAIRE</b> [72] KIRK, ALAN J. E., CA [71] KIRK, ALAN J. E., CA [85] 2000-03-03 [86] 1996-09-16 (PCT/US96/14817) [87] 1998-03-19 (WO98/10955)</p>	<p style="text-align: right;">[21] <b>2,303,822</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 3/033</b> [25] EN [54] <b>POINTING DEVICE AND CURSOR-MOVING SWITCH</b> [54] <b>DISPOSITIF DE POINTAGE ET BOUTON DE DEPLACEMENT DU CURSEUR</b> [72] IKEHARA, MITSUO, JP [72] AKAMA, HIRONORI, JP [72] AKAMA, NORIKO, JP [71] TSUKEN ELECTRIC INDUSTRIAL CO., LTD., JP [85] 2000-03-17 [86] 1998-08-26 (PCT/JP98/03818) [87] 1999-03-25 (WO99/14656) [30] JP (9/253494) 1997-09-18</p>
<p style="text-align: right;">[21] <b>2,303,820</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 33/26 7A61K 33/06 7A61K 33/24</b> [25] EN [54] <b>METAL COMPOUNDS, MIXED OR SULPHATED, AS PHOSPHATE BINDERS</b> [54] <b>COMPOSES METALLIQUES MELANGES OU SULFATES UTILISES COMME LIANTS POUR PHOSPHATES</b> [72] ROBERTS, NORMAN BRYSON, GB [72] WEBB, MAURICE, GB [72] RANKIN, BENJAMIN JOSEPH, GB [71] CROSFIELD LIMITED, GB [85] 2000-03-17 [86] 1998-09-18 (PCT/GB98/02834) [87] 1999-04-01 (WO99/15189) [30] GB (9720061.2) 1997-09-19</p>	<p style="text-align: right;">[21] <b>2,303,820</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 33/26 7A61K 33/06 7A61K 33/24</b> [25] EN [54] <b>METAL COMPOUNDS, MIXED OR SULPHATED, AS PHOSPHATE BINDERS</b> [54] <b>COMPOSES METALLIQUES MELANGES OU SULFATES UTILISES COMME LIANTS POUR PHOSPHATES</b> [72] ROBERTS, NORMAN BRYSON, GB [72] WEBB, MAURICE, GB [72] RANKIN, BENJAMIN JOSEPH, GB [71] CROSFIELD LIMITED, GB [85] 2000-03-17 [86] 1998-09-18 (PCT/GB98/02834) [87] 1999-04-01 (WO99/15189) [30] GB (9720061.2) 1997-09-19</p>	<p style="text-align: right;">[21] <b>2,303,823</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/34 7G02B 5/18 7G02B 6/36</b> [25] EN [54] <b>HIGH EFFICIENCY EJECTION OF LIGHT FROM OPTICAL WAVE GUIDE, BY HOLOGRAPHICALLY PRODUCED LIGHT SCATTERING MEANS</b> [54] <b>EXPULSION DE LUMIERE A HAUT RENDEMENT A PARTIR D'UN GUIDE D'ONDES OPTIQUES AU MOYEN D'ORGANES DE DIFFUSION DE LUMIERE PRODUITE PAR HOLOGRAPHIE</b> [72] PELKA, DAVID G., US [71] TELEDYNE LIGHTING AND DISPLAY PRODUCTS, INC., US [85] 2000-03-17 [86] 1997-09-19 (PCT/US97/16680) [87] 1999-04-01 (WO99/15923)</p>

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[13] A1  
[51] **Int.Cl. 7G01N 31/00 7G01N 33/00 7G01N 33/53**  
[25] EN  
[54] **METHODS FOR MEASURING AND ELIMINATING ADVANCED GLYCATION ENDPRODUCTS**  
[54] **PROCEDES DE MESURE ET D'ELIMINATION DE PRODUITS TERMINAUX DE GLYCOCYLATION AVANCEE (AGE)**  
[72] AL-ABED, YOUSEF, US  
[72] BUCALA, RICHARD, US  
[71] THE PICOWER INSTITUTE FOR MEDICAL RESEARCH, US  
[85] 2000-03-17  
[86] 1998-09-18 (PCT/US98/19576)  
[87] 1999-03-25 (WO99/14587)  
[30] US (08/933,655) 1997-09-19

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[13] A1  
[51] **Int.Cl. 7B22D 11/07 7B22D 11/10**  
[25] EN  
[54] **MOLDING POWDER FOR CONTINUOUS CASTING OF THIN SLAB**  
[54] **POUDRE A MOULER POUR COULAGE EN CONTINU DE PLAQUE MINCE**  
[72] OMOTO, TOMOAKI, JP  
[72] MORITA, AKIHIRO, JP  
[71] SHINAGAWA REFRACTORIES CO., LTD., JP  
[85] 2000-03-17  
[86] 1999-07-16 (PCT/JP99/03853)  
[87] 2000-02-03 (WO00/05012)  
[30] JP (10-205121) 1998-07-21

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[21] **2,303,826**  
[13] A1  
[51] **Int.Cl. 7H01M 8/24 7H01M 8/02**  
[25] EN  
[54] **ELECTRICALLY CONDUCTIVE SEAL FOR FUEL CELL ELEMENTS**  
[54] **JOINT DE SCELLEMENT CONDUCTEUR POUR ELEMENTS DE CELLULES A CARBURANT**  
[72] GOUGH, JEFFREY JOHN, US  
[72] MERCURI, ROBERT ANGELO, US  
[71] UCAR CARBON TECHNOLOGY CORPORATION, US  
[85] 2000-03-17  
[86] 1998-09-15 (PCT/US98/18486)  
[87] 1999-04-01 (WO99/16141)  
[30] US (08/934,292) 1997-09-19

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[13] A1  
[51] **Int.Cl. 7A23G 3/30 7A23L 1/22 7A23L 2/56 7A61K 9/68**  
[25] EN  
[54] **CHEWING GUM CONTAINING PHYSIOLOGICAL COOLING AGENTS**  
[54] **CHEWING-GUM CONTENANT DES AGENTS RAFRAICHISSANTS PHYSIOLOGIQUES**  
[72] PATEL, MANSUKH M., US  
[72] HOOK, JEFFREY S., US  
[72] MCGREW, GORDON N., US  
[72] YATKA, ROBERT J., US  
[72] WITKEWITZ, DAVID L., US  
[72] TYRPIN, HENRY T., US  
[72] GREENBERG, MICHAL J., US  
[72] RICHEY, LINDELL C., US  
[72] WOLF, FRED R., US  
[72] NELSON, KATHRYN T., US  
[71] WM. WRIGLEY JR. COMPANY, US  
[85] 2000-03-17  
[86] 1997-09-18 (PCT/US97/16731)  
[87] 1999-03-25 (WO99/13734)

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[21] **2,303,830**  
[13] A1  
[51] **Int.Cl. 7C07D 235/08 7C07D 471/04 7A61K 31/415 7A61K 31/435**  
[25] EN  
[54] **NOVEL ANGIOGENESIS INHIBITORS**  
[54] **NOUVEAUX INHIBITEURS DE L'ANGIOGENESE**  
[72] KOESTER, TIMOTHY J., US  
[72] CUNNINGHAM, APRIL M., US  
[72] HUNGATE, RANDALL W., US  
[72] BILODEAU, MARK T., US  
[71] MERCK & CO., INC., US  
[85] 2000-03-17  
[86] 1998-09-22 (PCT/US98/19789)  
[87] 1999-04-08 (WO99/16755)  
[30] US (60/060,151) 1997-09-26  
[30] GB (9810544.8) 1998-05-15

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[21] **2,303,833**  
[13] A1  
[51] **Int.Cl. 7A61K 31/315 7A61K 9/00 7A61K 6/04 7A61K 33/30**  
[25] EN  
[54] **GENITAL LUBRICANTS WITH ZINC TO REDUCE IRRITATION AND ALLERGIC REACTIONS**  
[54] **LUBRIFIANTS GENITAUX CONTENANT DU ZINC DESTINE A REDUIRE LES IRRITATIONS ET LES REACTIONS ALLERGIQUES**  
[72] KELLY, PATRICK D., US  
[72] GOLDEN, MARC A., US  
[71] KELLY, PATRICK D., US  
[71] GOLDEN, MARC A., US  
[85] 2000-03-17  
[86] 1998-07-17 (PCT/US98/14891)  
[87] 1999-01-28 (WO99/03463)  
[30] US (60/053,162) 1997-07-18  
[30] US (60/053,110) 1997-07-18  
[30] US (60/069,710) 1997-12-16

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[13] A1

[51] **Int.Cl. 7C12N 15/12 7C07K 16/18 7C12N 15/18 7C07K 16/28 7C07K 14/47 7C12N 15/52 7C12N 15/62 7C07K 14/705**  
[25] EN  
[54] **SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME**  
[54] **POLYPEPTIDES SECRETES ET TRANSMEMBRANAIRES ET ACIDES NUCLEIQUES LES CODANT**  
[72] YUAN, JEAN, US  
[72] CHEN, JIAN, US  
[72] PENNICA, DIANE, US  
[72] GURNEY, AUSTIN L., US  
[72] GODDARD, AUDREY, US  
[72] WOOD, WILLIAM I., US  
[71] GENENTECH, INC., US  
[85] 2000-03-17  
[86] 1998-09-16 (PCT/US98/19330)  
[87] 1999-03-25 (WO99/14328)  
[30] US (60/059,115) 1997-09-17  
[30] US (60/059,184) 1997-09-17  
[30] US (60/059,122) 1997-09-17  
[30] US (60/059,117) 1997-09-17  
[30] US (60/059,113) 1997-09-17  
[30] US (60/059,121) 1997-09-17  
[30] US (60/059,119) 1997-09-17  
[30] US (60/063,329) 1997-10-27  
[30] US (60/063,549) 1997-10-28  
[30] US (60/063,127) 1997-10-24  
[30] US (60/063,120) 1997-10-24  
[30] US (60/063,734) 1997-10-29  
[30] US (60/062,816) 1997-10-24  
[30] US (60/062,814) 1997-10-24  
[30] US (60/063,738) 1997-10-29  
[30] US (60/063,541) 1997-10-28  
[30] US (60/063,704) 1997-10-29  
[30] US (60/064,215) 1997-10-29  
[30] US (60/063,550) 1997-10-28  
[30] US (60/063,045) 1997-10-24  
[30] US (60/063,121) 1997-10-24  
[30] US (60/063,327) 1997-10-27  
[30] US (60/063,128) 1997-10-24  
[30] US (60/063,544) 1997-10-28  
[30] US (60/063,435) 1997-10-29  
[30] US (60/063,542) 1997-10-28  
[30] US (60/064,103) 1997-10-31  
[30] US (60/064,248) 1997-11-03  
[30] US (60/063,735) 1997-10-29  
[30] US (60/063,732) 1997-10-29  
[30] US (60/063,564) 1997-10-28  
[30] US (60/063,870) 1997-10-31  
[30] US (60/065,693) 1997-11-18  
[30] US (60/064,809) 1997-11-07  
[30] US (60/065,186) 1997-11-12  
[30] US (60/066,770) 1997-11-24  
[30] US (60/066,772) 1997-11-24  
[30] US (60/066,511) 1997-11-24  
[30] US (60/066,120) 1997-11-21  
[30] US (60/066,466) 1997-11-24  
[30] US (60/059,263) 1997-09-18  
[30] US (60/066,840) 1997-11-25

[30] US (60/062,285) 1997-10-17  
[30] US (60/062,287) 1997-10-17  
[30] US (60/062,125) 1997-10-15  
[30] US (60/066,364) 1997-11-21  
[30] US (60/059,266) 1997-09-18  
[30] US (60/065,846) 1997-11-17  
[30] US (60/066,453) 1997-11-24  
[30] US (60/063,486) 1997-10-21

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[21] **2,303,836**  
[13] A1

[51] **Int.Cl. 7E01B 19/00**  
[25] EN  
[54] **RAIL FIXINGS**  
[54] **ACCESSOIRES DE RAIL**  
[72] FARRINGTON, DAVID, GB  
[72] JONES, CHRISTOPHER JOHN CEDRIC, GB  
[72] HODGSON, WILLIAM, GB  
[72] THOMPSON, DAVID JOHN, GB  
[72] CLARKE, JOHN BARRY, GB  
[71] BRITISH STEEL LIMITED, GB  
[71] UNIVERSITY OF SOUTHAMPTON, GB  
[85] 2000-03-17  
[86] 1998-09-18 (PCT/GB98/02767)  
[87] 1999-04-01 (WO99/15732)  
[30] GB (9719864.2) 1997-09-19

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[21] **2,303,837**  
[13] A1

[51] **Int.Cl. 7G07F 7/06**  
[25] EN  
[54] **CART MANAGEMENT SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE GESTION DE CHARIOTS**  
[72] AMDAHL, KEITH L., US  
[72] ROGNEY, CHRISTOPHER J., US  
[72] BUSSEY, MARK G., US  
[71] SMARTE CARTE, INC., US  
[85] 2000-03-17  
[86] 1998-08-27 (PCT/US98/17763)  
[87] 1999-04-01 (WO99/16028)  
[30] US (08/934,422) 1997-09-19

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[21] **2,303,838**  
[13] A1

[51] **Int.Cl. 7B65B 67/00**  
[25] EN  
[54] **METHOD FOR PRODUCING A PACKAGING CONTAINER AND A DEVICE FOR IMPLEMENTING SAID METHOD**  
[54] **PROCEDE DE REALISATION D'UN CONTENANT D'EMBALLAGE, ET DISPOSITIF POUR LA MISE EN OEUVRE DE CE PROCEDE**  
[72] ABOU-NABOUT, ADNAN, DE  
[72] NOUR ELDIN, HASSAN AHMED, CH  
[71] SOPP GMBH & CO. KG, DE  
[85] 2000-03-17  
[86] 1998-09-18 (PCT/EP98/05981)  
[87] 1999-03-25 (WO99/14128)  
[30] DE (197 41 024.3) 1997-09-18

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[21] **2,303,839**  
[13] A1

[51] **Int.Cl. 7C07D 295/135 7C07D 295/155 7C07D 211/26 7C07D 211/34 7A61K 31/445 7A61K 31/495**  
[25] EN  
[54] **SUBSTITUTED INDAN DERIVATIVES**  
[54] **DERIVES D'INDANE SUBSTITUE**  
[72] THORBERG, SETH-OLOV, SE  
[72] ROSS, SVANTE, SE  
[72] FLORVALL, LENNART, SE  
[72] BERG, STEFAN, SE  
[71] ASTRAZENECA AKTIEBOLAG, SE  
[85] 2000-03-17  
[86] 1998-09-09 (PCT/SE98/01605)  
[87] 1999-03-25 (WO99/14207)  
[30] SE (9703379-9) 1997-09-18

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[21] **2,303,840**  
[13] A1

[51] **Int.Cl. 7H04M 7/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR INTEGRATING VOICE ON NETWORK WITH TRADITIONAL TELEPHONY**  
[54] **SYSTEME ET PROCEDE PERMETTANT D'INTEGRER UN VOCAL-SUR-RESEAU A LA TELEPHONIE TRADITIONNELLE**  
[72] BRADY, PATRICK K., US  
[71] BRADY, PATRICK K., US  
[85] 2000-03-17  
[86] 1998-09-18 (PCT/US98/19715)  
[87] 1999-04-22 (WO99/20032)  
[30] US (60/059,285) 1997-09-18



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[13] A1  
[51] **Int.Cl. 7H01S 3/00 7G02B 27/28 7G02F 1/35**  
[25] EN  
[54] **OPTICAL AMPLIFIER APPARATUS**  
[54] **DISPOSITIF D'AMPLIFICATEUR OPTIQUE**  
[72] JACOB, DAVID, FR  
[72] PRASSAS, MICHEL, FR  
[71] CORNING INCORPORATED, US  
[85] 2000-03-17  
[86] 1998-08-12 (PCT/US98/16558)  
[87] 1999-04-08 (WO99/17410)  
[30] FR (97/12083) 1997-09-29

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[21] **2,303,842**  
[13] A1  
[51] **Int.Cl. 7C08L 23/00 7C08J 5/18 7C08K 3/34**  
[25] EN  
[54] **LIGNEOUS FIBROUS FILLER/OLEFINIC PLASTIC COMPOSITE SHEET FOR BONDING**  
[54] **CHARGE DE REMPLISSAGE LIGNEUSE/FEUILLE COMPOSITE PLASTIQUE OLEFINIQUE POUR LIAISON**  
[72] KASAHARA, YASUMASA, JP  
[72] GOTO, FUMIO, JP  
[72] ISHIURA, TATSUYUKI, JP  
[71] NAMBA PRESS WORKS CO., LTD., JP  
[85] 2000-03-17  
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[87] 2000-01-27 (WO00/04087)  
[30] JP (10/203554) 1998-07-17

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[21] **2,303,843**  
[13] A1  
[51] **Int.Cl. 7G01C 3/02 7G01S 17/42 7G01S 7/483**  
[25] EN  
[54] **MODULARIZED LASER-BASED SURVEY SYSTEM**  
[54] **SYSTEME MODULAIRE D'ARPENTAGE A LASER**  
[72] ZYKAN, BLAIR J., US  
[72] DUNNE, JEREMY G., US  
[71] LASER TECHNOLOGY, INC., US  
[85] 2000-03-17  
[86] 1998-08-07 (PCT/US98/16526)  
[87] 1999-03-04 (WO99/10709)  
[30] US (08/918,395) 1997-08-26

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[13] A1  
[51] **Int.Cl. 7C12N 1/00 7C12Q 1/02 7C12N 5/10 7C12N 15/11 7C12N 15/12 7C12N 15/63 7C12Q 1/68**  
[25] EN  
[54] **REGULATORS OF UCP3 GENE EXPRESSION**  
[54] **REGULATEURS DE L'EXPRESSION DU GENE UCP3**  
[72] AMARAL, CATHERINE M., US  
[72] ZHANG, NING, US  
[72] CHEN, JIN-LONG, US  
[71] TULARIK, INC., US  
[85] 2000-03-20  
[86] 1998-10-09 (PCT/US98/21443)  
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[30] US (08/948,277) 1997-10-09

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[13] A1  
[51] **Int.Cl. 7A61K 31/44 7C07D 487/00 7C07D 401/12 7C07D 403/12 7C07D 413/12 7C07D 417/12 7C07D 401/14 7A61K 31/415 7A61K 31/445 7A61K 31/47 7A61K 31/495 7A61K 31/52 7A61K 31/55**  
[25] EN  
[54] **VITRONECTIN RECEPTOR ANTAGONIST**  
[54] **ANTAGONISTE DU RECEPTEUR DE VITRONECTINE**  
[72] HEERDING, DIRK, US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2000-03-20  
[86] 1998-09-24 (PCT/US98/19949)  
[87] 1999-04-01 (WO99/15170)  
[30] US (60/059,832) 1997-09-24

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[13] A1  
[51] **Int.Cl. 7G06F 17/60 7G06F 17/30**  
[25] EN  
[54] **COMPUTERIZED MANAGEMENT AND TRACKING OF UTILITY CONSUMPTION**  
[54] **PROCEDES ET SYSTEMES INFORMATIQUES COMPTABLES DE RESSOURCES, PROCEDES ET SYSTEMES INFORMATIQUES DE GESTION DE BIENS DE CONSOMMATION, PROCEDES ET SYSTEMES DE GESTION DE BIENS DE CONSOMMATION POUR DES USAGERS MULTIPLES ET PROCEDES ET SYSTEMES DE SUIVI BASES SUR LA CONSOMMATION D'ENERGIE**  
[72] HOLMES, DAVID D., US  
[72] GENZBERGER, JANNA, US  
[72] FRENCH, BLAINE, US  
[72] KIPPENHAN, LARRY, US  
[72] FEICHTNER, MARK, US  
[72] CROOKS, GERRY N., US  
[72] ORR, TERI, US  
[72] NANTO, SHAWN E., US  
[72] MILLER, DAVE W., US  
[72] BONI, KEN, US  
[72] BATTISTA, JOHN, US  
[72] SCHLECT, ED, US  
[72] BOWERS, DAN, US  
[72] ARNHOLD, ED., US  
[71] AVISTA ADVANTAGE, INC., US  
[85] 2000-03-20  
[86] 1998-09-18 (PCT/US98/19554)  
[87] 1999-06-24 (WO99/31612)  
[30] US (08/992,678) 1997-12-17

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[21] **2,303,848**  
[13] A1

[51] **Int.Cl. 7C07C 275/38 7A61K 31/17 7A61K 31/185 7C07C 275/40 7A61K 31/44 7C07D 213/75**

[25] EN  
[54] **SUBSTITUTED ANILIDES**  
[54] **ANILIDES SUBSTITUEES**  
[72] COLLIS, ALAN JOHN, GB  
[72] COX, PAUL JOSEPH, GB  
[72] EASTWOOD, PAUL ROBERT, GB  
[72] HARRIS, NEIL VICTOR, GB  
[72] ASTLES, PETER CHARLES, GB  
[72] CLARK, DAVID EDWARD, GB  
[72] PORTER, BARRY, GB  
[72] MORLEY, ANDREW DAVID, GB  
[72] LAI, JUSTINE YEUN QUAI, GB  
[71] RHONE-POULENC RORER LIMITED, GB  
[85] 2000-03-20  
[86] 1998-11-02 (PCT/GB98/03294)  
[87] 1999-05-14 (WO99/23063)  
[30] GB (9723072.6) 1997-10-31  
[30] US (60/069,695) 1997-12-16  
[30] GB (9814276.3) 1998-07-01  
[30] US (60/104,287) 1998-10-14

[21] **2,303,849**  
[13] A1

[51] **Int.Cl. 7A61N 5/00**

[25] EN  
[54] **SOURCE WIRE FOR RADIATION TREATMENT**  
[54] **FIL DE SOURCE POUR RADIOTHERAPIE**  
[72] KOSTRZEWSKI, STANLISLAW, US  
[72] FUTATO, LISA D., US  
[72] CORREIA, JAMES, US  
[72] LIPRIE, SAMUEL F., US  
[71] UNITED STATES SURGICAL CORPORATION, US  
[71] ANGIORAD L.L.C., US  
[85] 2000-03-20  
[86] 1998-09-23 (PCT/US98/19819)  
[87] 1999-04-01 (WO99/15234)  
[30] US (60/059,601) 1997-09-23

[21] **2,303,850**  
[13] A1

[51] **Int.Cl. 7A23L 1/164 7A23P 1/12 7A21C 11/16 7A23L 1/217**

[25] EN  
[54] **CRISP DOUGH PRODUCTS COMPRISING PROJECTIONS ON THEIR SURFACE, PROCESS FOR MAKING SUCH PRODUCTS BY EXTRUSION, AND CORRESPONDING EXTRUSION DIE**  
[54] **PRODUITS CROUSTILLANTS A BASE DE PATE COMPRENANT DES SAILLIES SUR LEUR SURFACE, PROCEDE DE PRODUCTION DE CES PRODUITS PAR EXTRUSION ET MOULE A EXTRUSION CORRESPONDANT**  
[72] HAYES-JACOBSON, SUSAN M., US  
[72] MICHAELS, JAMES P., US  
[71] THE PILLSBURY COMPANY, US  
[85] 2000-03-20  
[86] 1998-07-23 (PCT/US98/15373)  
[87] 1999-04-01 (WO99/15029)  
[30] US (08/937,145) 1997-09-24

[21] **2,303,851**  
[13] A1

[51] **Int.Cl. 7C10M 133/56 7C10L 1/18**

[25] EN  
[54] **COPOLYMERS OF ETHYLENE .ALPHA.-OLEFIN MACROMERS AND DICARBOXYLIC MONOMERS AND DERIVATIVES THEREOF, USEFUL AS ADDITIVES IN LUBRICATING OILS AND IN FUELS**  
[54] **COPOLYMERES DE MACROMERES D'.ALPHA.-OLEFINES ETHYLENIQUES, MONOMERES DICARBOXYLIQUES ET LEURS DERIVES, UTILES EN TANT QU'ADDITIFS D'HUILES LUBRIFIANTES ET DE CARBURANTS**  
[72] LEWTAS, KENNETH, BE  
[72] LUNDBERG, ROBERT D., US  
[72] PEIFFER, DENNIS G., US  
[72] WRIGHT, PAMELA J., US  
[72] EMERT, JACOB, US  
[72] LAZARUS, ANTONIO G., US  
[71] EXXON CHEMICAL PATENTS INC., US  
[85] 2000-03-20  
[86] 1998-09-29 (PCT/US98/20299)  
[87] 1999-04-08 (WO99/16851)  
[30] US (08/942,146) 1997-10-01

[21] **2,303,852**  
[13] A1

[51] **Int.Cl. 7C08L 89/00 7C09H 5/00 7C08L 89/06 7A61K 9/48**

[25] EN  
[54] **GELATINE COMPOSITIONS**  
[54] **COMPOSITIONS DE GELATINE**  
[72] CADE, DOMINIQUE, FR  
[72] SCOTT, ROBERT ANTHONY, BE  
[72] HE, XIONGWEI, FR  
[71] WARNER-LAMBERT COMPANY, US  
[85] 2000-03-20  
[86] 1998-11-04 (PCT/US98/23484)  
[87] 1999-07-08 (WO99/33924)  
[30] FR (97/16574) 1997-12-26

[21] **2,303,853**  
[13] A1

[51] **Int.Cl. 7A61B 17/76**

[25] EN  
[54] **ACL FIXATION PIN AND METHOD**  
[54] **BROCHE DE FIXATION POUR LIGAMENT CROISE ANTERIEUR ET PROCEDE D'UTILISATION ASSOCIE**  
[72] CLARK, RON, US  
[72] OLSEN, RAYMOND E., US  
[72] LOWER, JERRY L., US  
[71] DEPUY ORTHOPAEDICS, INC., US  
[85] 2000-03-20  
[86] 1998-09-24 (PCT/US98/19931)  
[87] 1999-04-01 (WO99/15095)  
[30] US (60/059,877) 1997-09-24  
[30] US (60/078,404) 1998-03-18

[21] **2,303,854**  
[13] A1

[51] **Int.Cl. 7C09J 133/08 7C09J 151/00 7C09J 7/02 7B32B 7/12**

[25] EN  
[54] **REPULPABLE, PRESSURE-SENSITIVE ADHESIVE COMPOSITION AND METHOD FOR IMPROVING THE REPULPABILITY OF ACRYLIC ADHESIVE**  
[54] **COMPOSITION ADHESIVE AUTOCOLLANTE FAITE POUR LA RETRITURATION ET PROCEDE D'AMELIORATION DE LA RETRITURATION D'UN ADHESIF ACRYLIQUE**  
[72] SU, SHIAONUNG, US  
[72] YEADON, GRAHAM, CH  
[72] KELLER, PAUL, CH  
[71] AVERY DENNISON CORPORATION, US  
[85] 2000-03-20  
[86] 1998-10-08 (PCT/US98/21174)  
[87] 1999-04-22 (WO99/19415)  
[30] US (08/947,930) 1997-10-09

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,303,855</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 31/00</b> [25] EN [54] <b>MULTIPLE ANALYTE ASSAY DEVICE</b> [54] <b>DISPOSITIF PERMETTANT DE DECELER DIFFERENTS COMPOSANTS</b> [72] LEE, JIN PO, US [71] SYNTRON BIORESEARCH, INC., US [85] 2000-03-20 [86] 1998-07-22 (PCT/US98/15369) [87] 2000-02-03 (WO00/05579)</p>	<p style="text-align: right;">[21] <b>2,303,858</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B29C 45/00 7B01D 71/02</b> [25] EN [54] <b>POROUS MEMBRANE COMPRISING CERAMIC AND CONTAINING PLASTIC AS BINDER</b> [54] <b>MEMBRANE POREUSE CERAMIQUE A LIANT PLASTIQUE</b> [72] SUZUKI, TOMIO, JP [72] OTAGIRI, TADASHI, JP [71] NGK INSULATORS, LTD., JP [85] 2000-03-20 [86] 1998-09-28 (PCT/JP98/04320) [87] 1999-04-08 (WO99/16603) [30] JP (9-265827) 1997-09-30</p>	<p style="text-align: right;">[21] <b>2,303,861</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 15/163</b> [25] EN [54] <b>COMBINED INTERNET AND DATA ACCESS SYSTEM</b> [54] <b>SYSTEME COMBINE D'ACCES A DES DONNEES ET A INTERNET</b> [72] JESKE, CHARLES E., US [71] INTERVOICE LIMITED PARTNERSHIP, US [85] 2000-03-20 [86] 1998-09-23 (PCT/US98/19834) [87] 1999-04-08 (WO99/17216) [30] US (08/938,092) 1997-09-26</p>
<p style="text-align: right;">[21] <b>2,303,856</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/785 7A61K 31/79</b> [25] EN [54] <b>ANTIVIRAL POLYMERS COMPRISING ACID FUNCTIONAL AND HYDROPHOBIC GROUPS</b> [54] <b>POLYMERES ANTIVIRAUX RENFERMANT DES GROUPES ACIDE FONCTIONNELS ET DES GROUPES HYDROPHOBES</b> [72] MANDEVILLE, W. HARRY III, US [72] NEENAN, THOMAS X., US [71] GELTEX PHARMACEUTICALS, INC., US [85] 2000-03-20 [86] 1998-09-08 (PCT/US98/18882) [87] 1999-04-01 (WO99/15187) [30] US (08/934,313) 1997-09-19</p>	<p style="text-align: right;">[21] <b>2,303,859</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08J 3/20 7B32B 18/00 7B32B 27/20</b> [25] EN [54] <b>PLASTIC-CERAMIC COMPOSITE MATERIAL</b> [54] <b>MATERIAU COMPOSITE PLASTIQUE/CERAMIQUE</b> [72] OTAGIRI, TADASHI, JP [72] SUZUKI, TOMIO, JP [71] NGK INSULATORS, LTD., JP [85] 2000-03-20 [86] 1998-09-28 (PCT/JP98/04321) [87] 1999-04-08 (WO99/16813) [30] JP (9-265823) 1997-09-30 [30] JP (9-265824) 1997-09-30 [30] JP (9-265825) 1997-09-30</p>	<p style="text-align: right;">[21] <b>2,303,862</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/15</b> [25] EN [54] <b>TAMPON DETECTION SYSTEM</b> [54] <b>SYSTEME DE DETECTION POUR TAMPONS HYGIENIQUES</b> [72] NAVOT, NIR, IL [72] BOTTON, RONNIE, IL [71] NAVOT, NIR, IL [71] BOTTON, RONNIE, IL [85] 2000-03-17 [86] 1998-09-28 (PCT/US98/20257) [87] 1999-04-15 (WO99/17692) [30] US (08/943,193) 1997-10-03</p>
<p style="text-align: right;">[21] <b>2,303,857</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G03F 7/00 7G03F 7/09</b> [25] EN [54] <b>SMART PHOTOLITHOGRAPHY</b> [54] <b>PHOTOLITHOGRAPHIE INTELLIGENTE</b> [72] HAN, YONG, KR [72] DO, YOUNG-RAG, KR [72] LEE, JOON-BAE, KR [71] SAMSUNG SDI CO., LTD., KR [85] 2000-03-20 [86] 1998-05-14 (PCT/KR98/00121) [87] 1999-03-25 (WO99/14634) [30] KR (97-47602) 1997-09-18</p>	<p style="text-align: right;">[21] <b>2,303,860</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B23B 51/00 7A61B 17/04 7F16B 19/10 7A61B 17/16</b> [25] EN [54] <b>APPARATUS AND METHOD FOR ANCHORING A CORD-LIKE ELEMENT TO A WORKPIECE</b> [54] <b>APPAREIL ET PROCEDE D'ANCRAGE D'UN ELEMENT DE TYPE FIL SUR UNE PIECE OSSEUSE</b> [72] EAVES, FELMONT F., III, US [72] PEDLICK, JACK S., US [72] BIONDO, VINCENT C., US [71] EAVES, FELMONT F., III, US [71] ETHICON, INC., US [85] 2000-03-20 [86] 1998-08-31 (PCT/US98/18069) [87] 1999-04-01 (WO99/15083) [30] US (08/935,215) 1997-09-22</p>	<p style="text-align: right;">[21] <b>2,303,863</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A24B 15/30 7A24D 3/14</b> [25] EN [54] <b>SMOKING PRODUCTS CONTAINING ANTIOXIDANTS</b> [54] <b>ARTICLES A FUMER RENFERMANT DES ANTIOXYDANTS</b> [72] HERSH, THEODORE, US [72] HERSH, REBECCA, US [71] THIONE INTERNATIONAL, INC., US [85] 2000-03-17 [86] 1998-08-14 (PCT/US98/16940) [87] 1999-04-01 (WO99/15035) [30] US (08/933,696) 1997-09-19</p>

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[13] A1  
[51] **Int.Cl. 7A61K 31/403 7A61P 9/00 7A61K 31/40**  
[25] EN  
[54] **INHIBITION OF LIPOPROTEIN OXIDATION**  
[54] **INHIBITION DE L'OXYDATION DE LIPOPROTEINES**  
[72] ROSENBLAT, MIRA, IL  
[72] NEWTON, ROGER SCHOFIELD, US  
[72] BISGAIER, CHARLES LARRY, US  
[72] AVIRAM, MICHAEL, IL  
[71] WARNER-LAMBERT COMPANY, US  
[85] 2000-03-20  
[86] 1998-11-04 (PCT/US98/23483)  
[87] 1999-06-03 (WO99/26583)  
[30] US (60/066,888) 1997-11-25

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[13] A1  
[51] **Int.Cl. 7F16L 1/16 7B63B 21/66**  
[25] EN  
[54] **DEVICE FOR APPLYING AN UPWARD FORCE TO A BODY AND METHOD OF TOWING A BODY**  
[54] **DISPOSITIF PERMETTANT D'APPLIQUER UNE FORCE ASCENDANTE A UN CORPS ET PROCEDE PERMETTANT DE TRACTER CE CORPS**  
[72] KORNDORFER, DIETER, NL  
[71] CLYDE PETROLEUM EXPLORATIE B.V., NL  
[85] 2000-03-17  
[86] 1997-10-29 (PCT/NL97/00591)  
[87] 1999-04-01 (WO99/15824)  
[30] NL (1007075) 1997-09-19

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[21] **2,303,866**  
[13] A1  
[51] **Int.Cl. 7C07C 1/00**  
[25] EN  
[54] **FIXED BED PROCESS FOR CONVERSION OF METHANOL WITH SILICO ALUMINA PHOSPHATE MOLECULAR SIEVE CATALYST**  
[54] **PROCEDE A LITS FIXES SERVANT A TRANSFORMER DU METHANOL A L'AIDE D'UN CATALYSEUR DE TAMIS MOLECULAIRE DE SILICO ALUMINO PHOSPHATE**  
[72] VAN DIJK, CHRISTIAAN P., US  
[71] VAN DIJK, CHRISTIAAN P., US  
[85] 2000-03-20  
[86] 1998-09-21 (PCT/US98/19535)  
[87] 1999-04-01 (WO99/15482)  
[30] US (60/060,702) 1997-09-24

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[21] **2,303,867**  
[13] A1  
[51] **Int.Cl. 7A47D 7/00**  
[25] EN  
[54] **PLAYYARD**  
[54] **PARC DE JEU**  
[72] DROBINSKI, JEROME J., US  
[71] COSCO, INC., US  
[85] 2000-03-17  
[86] 1998-09-18 (PCT/US98/19456)  
[87] 1999-04-01 (WO99/15052)  
[30] US (60/059,376) 1997-09-19

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[21] **2,303,868**  
[13] A1  
[51] **Int.Cl. 7F21L 14/02 7H01R 13/66**  
[25] EN  
[54] **A HAND LAMP**  
[54] **BALADEUSE**  
[72] JANSSON, ROLF, SE  
[71] JANSSON, ROLF, SE  
[85] 2000-03-20  
[86] 1998-09-17 (PCT/SE98/01669)  
[87] 1999-04-15 (WO99/18388)  
[30] SE (9703464-9) 1997-09-25

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[21] **2,303,869**  
[13] A1  
[51] **Int.Cl. 7E05D 11/10 7A47D 7/00 7A47D 13/06**  
[25] EN  
[54] **PLAYYARD**  
[54] **AIRE DE JEUX**  
[72] SIMMONS, CARL J., US  
[72] DROBINSKI, JEROME J., US  
[71] COSCO, INC., US  
[85] 2000-03-17  
[86] 1998-09-18 (PCT/US98/19685)  
[87] 1999-03-25 (WO99/14459)  
[30] US (60/059,335) 1997-09-19

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[21] **2,303,870**  
[13] A1  
[51] **Int.Cl. 7B27N 1/02**  
[25] EN  
[54] **METHOD FOR PRODUCING MOULDED BODIES, MOULDED BODY AND INSTALLATION FOR CARRYING OUT SAID METHOD**  
[54] **PROCEDE DE PRODUCTION DE PIECES MOULEES, PIECE MOULEE ET INSTALLATION PERMETTANT DE METTRE EN OEUVRE CE PROCEDE**  
[72] NOPPER, HERBERT GEORG, DE  
[72] ERB, WOLFGANG, DE  
[71] NOPPER, HERBERT GEORG, DE  
[71] HÖTTENES-ALBERTUS CHEMISCHE WERKE GMBH, DE  
[85] 2000-03-17  
[86] 1998-09-14 (PCT/DE98/02714)  
[87] 1999-03-25 (WO99/14022)  
[30] DE (197 41 248.3) 1997-09-18  
[30] DE (198 10 964.4) 1998-03-13

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[13] A1  
[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **METHOD AND SYSTEM USING TEXT OR GRAPHIC TOKENS TO PROVIDE LINKS BETWEEN AND WITHIN DOCUMENTS**  
[54] **SYSTEME ET PROCEDE UTILISANT DES JETONS TEXTES OU GRAPHIQUES POUR CREER DES LIENS ENTRE DOCUMENTS ET A L'INTERIEUR DE DOCUMENTS**  
[72] REYNOLDS, MARK L., US  
[71] REYNOLDS, MARK L., US  
[85] 2000-03-20  
[86] 1998-08-15 (PCT/US98/16991)  
[87] 1999-02-25 (WO99/09495)  
[30] US (08/915,770) 1997-08-21

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<p style="text-align: right;">[21] <b>2,303,872</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/15</b> [25] EN [54] <b>LAYERED ABSORBENT STRUCTURE WITH A ZONED BASIS WEIGHT</b> [54] <b>STRUCTURE ABSORBANTE A COUCHES COMPORTANT UNE MASSE SURFACIQUE ZONEE</b> [72] GRYSKIEWICZ, STANLEY MICHAEL, US [72] ZENKER, DAVID LOUIS, US [72] ZHANG, XIAOMIN, US [72] RANGANATHAN, SRIDHAR, US [72] LITTLE, SYLVIA BANDY, US [72] MATTHEWS, BILLIE JEAN, US [72] SAWYER, LAWRENCE HOWELL, US [72] MCDOWALL, DEBRA JEAN, US [72] MELIUS, SHANNON KATHLEEN, US [72] LI, YONG, US [72] GRUBE, VIOLET MAY, US [72] EVERETT, ROB DAVID, US [72] DODGE, RICHARD NORRIS, US [72] BOLWERK, THOMAS GERALD, US [72] CHANG, KUO-SHU EDWARD, US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 2000-03-17 [86] 1998-10-08 (PCT/US98/21267) [87] 1999-04-15 (WO99/17694) [30] US (60/061,452) 1997-10-08 [30] US (60/062,174) 1997-10-16 [30] US (09/097,285) 1998-06-12</p>	<p style="text-align: right;">[21] <b>2,303,874</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 15/18</b> [25] EN [54] <b>AGENT LEARNING MACHINE</b> [54] <b>MACHINE DIDACTIQUE POUR AGENTS</b> [72] KAWATO, MITSUO, JP [72] DOYA, KENJI, JP [71] JAPAN SCIENCE AND TECHNOLOGY CORPORATION, JP [85] 2000-03-17 [86] 1999-07-08 (PCT/JP99/03689) [87] 2000-01-27 (WO00/04457) [30] JP (10/203760) 1998-07-17</p>	<p style="text-align: right;">[21] <b>2,303,877</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C23C 22/18 7C23C 22/36</b> [25] EN [54] <b>METHOD FOR PHOSPHATIZING A STEEL STRIP</b> [54] <b>PROCEDE DE PHOSPHATATION D'UN FEUILLARD D'ACIER</b> [72] SEIDEL, REINHARD, DE [72] RIESOP, JOERG, DE [71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE [85] 2000-03-17 [86] 1998-09-05 (PCT/EP98/05634) [87] 1999-03-25 (WO99/14397) [30] DE (197 40 953.9) 1997-09-17</p>
<p style="text-align: right;">[21] <b>2,303,873</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B29B 13/06 7F26B 17/12</b> [25] EN [54] <b>LOW PRESSURE DRYER</b> [54] <b>SECHOIR A BASSE PRESSION</b> [72] MAGUIRE, STEPHEN B., US [71] MAGUIRE PRODUCTS, INC., US [85] 2000-03-17 [86] 1998-09-18 (PCT/US98/19464) [87] 1999-04-01 (WO99/15324) [30] US (60/059,579) 1997-09-19</p>	<p style="text-align: right;">[21] <b>2,303,875</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01S 5/04 7G01S 17/02 7G01S 3/46 7G01S 3/48 7G01S 13/86</b> [25] EN [54] <b>RADIO FREQUENCY INTERFEROMETER AND LASER RANGEFINDER/DESIGNATOR BASE TARGETING SYSTEM</b> [54] <b>INTERFEROMETRE RADIOFREQUENCE ET SYSTEME A TELEMETRE LASER/LOCALISATION DE CIBLES AVEC BASE DE DONNEES DE DESTINATION</b> [72] BIRMINGHAM, PAUL M., US [72] RASKINSKI, JOHN E., US [72] TRAN, MY, US [71] HONEYWELL INC., US [85] 2000-03-20 [86] 1998-09-24 (PCT/US98/20105) [87] 1999-04-08 (WO99/17131) [30] US (08/940,623) 1997-09-30</p>	<p style="text-align: right;">[21] <b>2,303,878</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08K 5/07 7C08L 11/02</b> [25] EN [54] <b>POLYVINYL CHLORIDE COMPOSITIONS USEFUL AS FLOOR COVERINGS</b> [54] <b>COMPOSITIONS DE CHLORURE DE POLYVINYLE UTILISEES EN TANT QUE REVETEMENTS DE SOL</b> [72] BRODEUR, ED A., US [72] NAPOLITANO, LOU ANN, US [71] LUDLOW COMPOSITES CORPORATION, US [85] 2000-03-20 [86] 1998-10-05 (PCT/US98/20975) [87] 1999-04-15 (WO99/18152) [30] US (08/946,186) 1997-10-07</p>
<p style="text-align: right;">[21] <b>2,303,876</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 307/88</b> [25] EN [54] <b>METHOD FOR PURIFYING PHTHALIDES</b> [54] <b>PROCEDE DE PURIFICATION DE PHTHALIDES</b> [72] BAUMANN, DIETER, DE [72] PUTTER, HERMANN, DE [72] HANNEBAUM, HEINZ, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 2000-03-17 [86] 1998-09-18 (PCT/EP98/05983) [87] 1999-04-01 (WO99/15515) [30] DE (19741423.0) 1997-09-19 [30] DE (19745579.4) 1997-10-15</p>	<p style="text-align: right;">[21] <b>2,303,879</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B64F 1/00</b> [25] EN [54] <b>DOCKING SYSTEM FOR AIRPORT TERMINALS</b> [54] <b>DISPOSITIF D'ACCOSTAGE POUR AEROGARES</b> [72] BAUMGARTNER, KLAUS, DE [72] BRENNFLECK, MARTIN, DE [72] LINK, NORBERT, DE [72] KONERTH, JOHN, DE [71] SIEMENS AKTIENGESELLSCHAFT, DE [85] 2000-03-20 [86] 1998-09-22 (PCT/DE98/02822) [87] 1999-04-01 (WO99/15406) [30] DE (197 41 669.1) 1997-09-22</p>	

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<p style="text-align: right;">[21] <b>2,303,880</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B05B 11/00</b> [25] EN [54] <b>CONTAINER COMPRISING A PUMP</b> [54] <b>CONTENANT COMPRENANT UNE POMPE</b> [72] KNEER, ROLAND, DE [71] GAPLAST GMBH, DE [85] 2000-03-20 [86] 1998-08-21 (PCT/DE98/02444) [87] 1999-04-08 (WO99/16552) [30] DE (197 42 559.3) 1997-09-26 [30] EP (98104631.1) 1998-03-14</p>	<p style="text-align: right;">[21] <b>2,303,883</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 53/128 7A61K 31/19</b> [25] EN [54] <b>C3A RECEPTOR LIGANDS</b> [54] <b>LIGANDS POUR RECEPTEURS DE C3A</b> [72] LEE, DENNIS, US [71] SMITHKLINE BEECHAM CORPORATION, US [85] 2000-03-20 [86] 1998-09-23 (PCT/US98/20051) [87] 1999-04-01 (WO99/15490) [30] US (60/059,750) 1997-09-23 [30] US (60/069,949) 1997-12-17</p>	<p style="text-align: right;">[21] <b>2,303,886</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 7/00 7G06F 17/18</b> [25] EN [54] <b>CREATING AND EDITING FINANCIAL STATEMENTS USING KNOWLEDGE BASE</b> [54] <b>CREATION ET EDITION DE DOCUMENTS ELECTRONIQUES</b> [72] WU, JOHN, US [72] CANTY, EDGAR P., US [72] HELFERT, ERICH A., US [72] HECHT, LEE, US [72] CLANCEY, WILLIAM J., US [71] MODERNSOFT, INC., US [85] 2000-03-20 [86] 1998-09-21 (PCT/US98/19824) [87] 1999-03-25 (WO99/14703) [30] US (08/933,584) 1997-09-19 [30] US (09/114,590) 1998-07-13</p>
<p style="text-align: right;">[21] <b>2,303,881</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65D 5/54</b> [25] EN [54] <b>TAMPER INDICATING CLOSURE WITH FOLDABLE TAB</b> [54] <b>FERMETURE DE SECURITE A ONGLETS REPLIABLES</b> [72] KRUEGER, DAVID F., US [71] KERR GROUP, INC., US [85] 2000-03-20 [86] 1999-07-28 (PCT/US99/17021) [87] 2000-02-17 (WO00/07890) [30] US (09/131,371) 1998-08-07</p>	<p style="text-align: right;">[21] <b>2,303,884</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/00 7A61K 45/06 7A61K 9/14 7A61K 9/36</b> [25] EN [54] <b>INORGANIC-POLYMER COMPLEXES FOR THE CONTROLLED RELEASE OF COMPOUNDS INCLUDING MEDICINALS</b> [54] <b>COMPLEXES INORGANIQUES-POLYMERES UTILES POUR UNE LIBERATION CONTROLLEE DE COMPOSES COMPRENANT DES COMPOSES MEDICINAUX</b> [72] ROYER, GARFIELD P., US [71] BUFORD BIOMEDICAL, INC., US [85] 2000-03-20 [86] 1998-09-22 (PCT/US98/19528) [87] 1999-04-01 (WO99/15150) [30] US (08/935,300) 1997-09-22</p>	<p style="text-align: right;">[21] <b>2,303,887</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 3/02</b> [25] EN [54] <b>COLOR ON COLOR VISION TEST AND APPARATUS</b> [54] <b>TEST DE VISION ET APPAREIL A COULEURS SUPERPOSEES</b> [72] MCCLURE, RICHARD J., US [72] MASSENGILL, R. KEMP, US [71] VIRTUAL-EYE.COM, INC., US [85] 2000-03-20 [86] 1998-09-22 (PCT/US98/19547) [87] 1999-04-01 (WO99/15071) [30] US (08/936,079) 1997-09-23</p>
<p style="text-align: right;">[21] <b>2,303,882</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G04F 10/00</b> [25] EN [54] <b>MEASURING FOOT CONTACT TIME AND FOOT LOFT TIME OF A PERSON IN LOCOMOTION</b> [54] <b>MESURE DE TEMPS DE CONTACT DE PIED ET DE TEMPS DE LEVEE DE PIED D'UNE PERSONNE EN DEPLACEMENT</b> [72] GAUDET, PAUL J., US [72] OLIVER, STEVEN R., US [72] BLACKADAR, THOMAS P., US [71] PERSONAL ELECTRONIC DEVICES, INC., US [85] 2000-03-20 [86] 1998-07-15 (PCT/US98/14615) [87] 1999-04-15 (WO99/18480) [30] US (08/942,802) 1997-10-02</p>	<p style="text-align: right;">[21] <b>2,303,885</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02B 6/42 7G02B 3/00 7G02B 6/136</b> [25] EN [54] <b>OPTICAL SYSTEM FOR INJECTING LASER RADIATION INTO AN OPTICAL FIBRE AND METHOD FOR MAKING SAME</b> [54] <b>SYSTEME OPTIQUE D'INJECTION D'UN RAYONNEMENT LASER DANS UNE FIBRE OPTIQUE ET SON PROCEDE DE FABRICATION</b> [72] ALTHAUS, HANS-LUDWIG, DE [72] KUHN, GERHARD, DE [71] INFINEON TECHNOLOGIES AG, DE [85] 2000-03-20 [86] 1998-09-17 (PCT/DE98/02767) [87] 1999-04-01 (WO99/15926) [30] DE (197 41 702.7) 1997-09-22</p>	<p style="text-align: right;">[21] <b>2,303,888</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/107</b> [25] EN [54] <b>MEDICAL EMULSION LUBRICANT</b> [54] <b>LUBRIFIANT MEDICAL EN EMULSION</b> [72] FIEGGEN, BRUCE, US [72] LYONS, ROBERT T., US [72] DILLARD, DAVID H., US [71] BOSTON SCIENTIFIC LIMITED, BB [71] PHARMACIA &amp; UPJOHN AKTIEBOLAG, SE [85] 2000-03-20 [86] 1998-09-14 (PCT/US98/19119) [87] 1999-04-01 (WO99/15152) [30] US (08/935,698) 1997-09-23</p>

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[21] **2,303,889**  
[13] A1

[51] **Int.Cl. 7A61B 17/20**  
[25] EN  
[54] **ULTRASONIC LIPOSUCTION DEVICE AND A METHOD OF USING THE SAME**  
[54] **DISPOSITIF DE LIPOSUCCION PAR ULTRASONS ET SON PROCEDE D'UTILISATION**  
[72] HALVERSON, KEVIN, US  
[71] THE CALIFORNIA INSTITUTE OF TISSUE ENGINEERING AND INSTRUMENTATION, LLC, US  
[85] 2000-03-20  
[86] 1998-09-17 (PCT/US98/19427)  
[87] 1999-03-25 (WO99/13783)  
[30] US (08/933,458) 1997-09-18

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[21] **2,303,890**  
[13] A1

[51] **Int.Cl. 7C07C 1/06**  
[25] EN  
[54] **A PROCESS FOR OPTIMIZING HYDROCARBON SYNTHESIS**  
[54] **PROCEDE D'OPTIMISATION DE LA SYNTHESE D'HYDROCARBURES**  
[72] SHAH, LALIT, US  
[72] NONGBRI, GOVANON, US  
[72] HARRISON, JEFFREY, US  
[72] DAI, PEI-SHING E. (DECEASED), US  
[72] VAKIL, KAMLESH B., US  
[71] TEXACO DEVELOPMENT CORPORATION, US  
[85] 2000-03-20  
[86] 1998-09-23 (PCT/US98/20024)  
[87] 1999-04-01 (WO99/15484)  
[30] US (60/059,913) 1997-09-24

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[21] **2,303,891**  
[13] A1

[51] **Int.Cl. 7G01N 33/557**  
[25] EN  
[54] **ASSAY SONICATION APPARATUS AND METHODOLOGY**  
[54] **PROCEDE ET APPAREIL D'ANALYSE A DISPOSITIF DE SONICATION**  
[72] FISCHER, ALAN, US  
[72] HELMS, LARRY R., US  
[72] MARTIN, MARK, US  
[72] WOHLSTADTER, JACOB N., US  
[72] WILBUR, JAMES, US  
[72] DARVARI, RAMIN, US  
[72] SIGAL, GEORGE, US  
[71] MESO SCALE TECHNOLOGIES, LLC., US  
[85] 2000-03-17  
[86] 1998-09-11 (PCT/US98/19118)  
[87] 1999-03-25 (WO99/14599)  
[30] US (08/932,985) 1997-09-18

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[21] **2,303,892**  
[13] A1

[51] **Int.Cl. 7B65D 51/14 7B65B 7/28**  
[25] EN  
[54] **CLOSURE AND CONTAINER SYSTEM FOR HOT FILLED CONTAINERS**  
[54] **SYSTEME DE RECIPIENT ET DE FERMETURE POUR RECIPIENTS REMPLIS A CHAUD**  
[72] KITTERMAN, LAWRENCE, US  
[72] FARIS, MERVYN, US  
[71] KERR GROUP, INC., US  
[85] 2000-03-20  
[86] 1999-07-30 (PCT/US99/17230)  
[87] 2000-02-10 (WO00/06454)  
[30] US (09/124,681) 1998-07-30

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[21] **2,303,893**  
[13] A1

[51] **Int.Cl. 7G07F 7/10 7G07F 19/00**  
[25] EN  
[54] **METHOD FOR CHECKING RIGHTFUL USE OF A DEBIT CARD OR SIMILAR MEANS GIVING RIGHT OF DISPOSING OF A BANK ACCOUNT**  
[54] **PROCEDE DE CONTROLE DE L'UTILISATION LEGITIME D'UNE CARTE DE DEBIT OU D'UN MOYEN SIMILAIRE DONNANT DROIT A DISPOSER D'UN COMPTE BANCAIRE**  
[72] ANDRASEV, AKOS, HU  
[71] ANDRASEV, AKOS, HU  
[85] 2000-03-17  
[86] 1998-09-17 (PCT/HU98/00087)  
[87] 1999-03-25 (WO99/14711)  
[30] HU (P 97 01553) 1997-09-17  
[30] HU (P 97 02485) 1997-12-17  
[30] HU (P 98 02109) 1998-09-17

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[21] **2,303,894**  
[13] A1

[51] **Int.Cl. 7B60R 13/08**  
[25] EN  
[54] **INSULATED HEAT SENSITIVE COMPONENT**  
[54] **COMPOSANT SENSIBLE A LA CHALEUR ISOLE**  
[72] SUH, KYUNG W., US  
[72] CORNELL, MARTIN C., US  
[72] MOTTER, GREGG A., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 2000-03-20  
[86] 1998-10-13 (PCT/US98/21555)  
[87] 1999-04-22 (WO99/19169)  
[30] US (60/061,963) 1997-10-14  
[30] US (60/068,032) 1997-12-18  
[30] US (60/087,147) 1998-05-29

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[21] **2,303,896**  
[13] A1

[51] **Int.Cl. 7H02J 3/12**  
[25] EN  
[54] **ENERGY MANAGEMENT SYSTEM AND METHOD**  
[54] **SYSTEME DE GESTION DE L'ENERGIE**  
[72] FONG, DALE M., US  
[72] DELL'ERA, PATRICK L., US  
[72] WOOLARD, JOHN M., US  
[72] GIPSON, KEITH E., US  
[71] SILICON ENERGY CORP., US  
[85] 2000-03-20  
[86] 1999-09-23 (PCT/US99/21787)  
[87] 2000-03-30 (WO00/17984)  
[30] US (09/160,223) 1998-09-24

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,303,897</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01J 37/32</b> [25] EN [54] <b>DUAL FACE SHOWER HEAD ELECTRODE FOR A MAGNETRON PLASMA GENERATING APPARATUS</b> [54] <b>ELECTRODE EN POMME DE DOUCHE A DOUBLE FACE POUR APPAREIL A ACTIVATION DE PLASMA DE MAGNETRON</b> [72] HU, ING-FENG, US [72] DYKHOUSE, JEFFREY R., US [71] METROLINE SURFACES, INC., US [71] THE DOW CHEMICAL COMPANY, US [85] 2000-03-20 [86] 1998-09-28 (PCT/US98/20247) [87] 1999-04-08 (WO99/17335) [30] US (60/060,652) 1997-10-01</p>	<p style="text-align: right;">[21] <b>2,303,901</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/195 7A61K 31/10</b> [25] EN [54] <b>USE OF D-METHIONINE TO REDUCE THE TOXICITY OF OTOTOXIC DRUGS, NOISE, AND RADIATION</b> [54] <b>UTILISATION DE LA D-METHIONINE POUR REDUIRE LA TOXICITE DES DROGUES OTOTOXIQUES, LE BRUIT ET LA RADIATION</b> [72] CAMPBELL, KATHLEEN C.M., US [71] SOUTHERN ILLINOIS UNIVERSITY, US [85] 2000-03-20 [86] 1998-04-08 (PCT/US98/06960) [87] 1999-04-15 (WO99/17765) [30] US (08/942,845) 1997-10-02</p>	<p style="text-align: right;">[21] <b>2,303,906</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65B 5/02 7B65B 21/02 7B31B 5/80</b> [25] EN [54] <b>A PACKAGING MACHINE</b> [54] <b>MACHINE D'EMBALLAGE</b> [72] BONNAIN, JEAN-CHRISTOPHE, FR [72] DUSSART, JEAN-JACQUES, FR [72] EBLIN, PHILIPPE, FR [71] THE MEAD CORPORATION, US [85] 2000-03-17 [86] 1998-09-21 (PCT/US98/19606) [87] 1999-03-25 (WO99/14120) [30] GB (9719954.1) 1997-09-19</p>
<p style="text-align: right;">[21] <b>2,303,899</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A41D 13/02 7A62B 17/00</b> [25] EN [54] <b>EXPANDABLE BACKPACK FOR ENCAPSULATED CHEMICAL PROTECTION SUIT</b> [54] <b>SAC A DOS PRESENTANT UNE CAPACITE D'EXPANSION POUR VETEMENT DE PROTECTION CHIMIQUE</b> [72] WELCHEL, DEBRA NELL, US [72] WRIGHT, ALAN EDWARD, US [72] GRAY, VIVIAN, US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 2000-03-20 [86] 1998-09-29 (PCT/US98/20345) [87] 1999-04-08 (WO99/16324) [30] US (08/940,904) 1997-09-30</p>	<p style="text-align: right;">[21] <b>2,303,902</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/00 7A61B 18/04</b> [25] EN [54] <b>WOUND CLOSURE DEVICE AND METHOD</b> [54] <b>DISPOSITIF ET PROCEDE DE FERMETURE</b> [72] LAFONTAINE, DANIEL M., US [72] HARRISON, KENT D., US [71] BOSTON SCIENTIFIC LIMITED, BB [85] 2000-03-17 [86] 1998-09-18 (PCT/US98/19682) [87] 1999-03-25 (WO99/13779) [30] US (932,990) 1997-09-18</p>	<p style="text-align: right;">[21] <b>2,303,907</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68 7A01H 5/00</b> [25] EN [54] <b>METHOD FOR SELECTION OF INSERTION MUTATIONS</b> [54] <b>PROCEDE POUR LA SELECTION DE MUTATIONS PAR INSERTION</b> [72] DELLAPORTA, STEPHEN L., US [71] YALE UNIVERSITY, US [85] 2000-03-17 [86] 1998-09-17 (PCT/US98/19369) [87] 1999-03-25 (WO99/14373) [30] US (08/932,280) 1997-09-17</p>
<p style="text-align: right;">[21] <b>2,303,900</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C09J 175/04 7C08L 97/02 7C08G 18/64</b> [25] EN [54] <b>BONDING OF SOLID LIGNOCELLULOSIC MATERIALS</b> [54] <b>AGGLOMERATION DE MATERIAUX LIGNOCELLULOSIQUES SOLIDES</b> [72] STOFKO, JOHN I., US [71] CARBOCOL SYSTEMS, INC., US [85] 2000-03-17 [86] 1998-09-17 (PCT/US98/19289) [87] 1999-04-01 (WO99/15601) [30] US (08/934,213) 1997-09-19</p>	<p style="text-align: right;">[21] <b>2,303,903</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01D 65/10 7G01N 15/08 7G01S 5/18 7B01D 46/24</b> [25] EN [54] <b>DEVICES AND METHODS FOR LOCATING DEFECTIVE FILTER ELEMENTS AMONG A PLURALITY OF FILTER ELEMENTS</b> [54] <b>DISPOSITIFS ET PROCEDES SERVANT A LOCALISER DES FILTRES DEFECTUEUX DANS UNE PLURALITE DE FILTRES</b> [72] HAQ, TANWEER U., US [72] ALTEMOSE, GEORGE A., US [72] GEIBEL, STEPHEN A., US [71] PALL CORPORATION, US [85] 2000-03-17 [86] 1998-09-30 (PCT/US98/20357) [87] 1999-04-08 (WO99/16538) [30] US (60/060,500) 1997-09-30</p>	<p style="text-align: right;">[21] <b>2,303,908</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 43/04 7A01N 63/00 7C12N 5/00 7C12N 13/00</b> [25] EN [54] <b>CHEMICAL MODIFICATION OF DNA USING PEPTIDE NUCLEIC ACID CONJUGATES</b> [54] <b>MODIFICATION CHIMIQUE D'ADN A L'AIDE DE CONJUGUES D'ACIDE NUCLEIQUE PEPTIDIQUE</b> [72] ZELPHATI, OLIVER, US [72] BENNETT, C. FRANK, US [72] FELGNER, PHILIP L., US [71] GENE THERAPY SYSTEMS, INC., US [71] ISIS PHARMACEUTICALS, US [85] 2000-03-17 [86] 1998-09-18 (PCT/US98/19503) [87] 1999-03-25 (WO99/13719) [30] US (60/059,215) 1997-09-18 [30] US (09/087,815) 1998-05-29</p>



## PCT Applications Entering the National Phase

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[13] A1  
[51] **Int.Cl. 7A62B 35/00**  
[25] EN  
[54] **FULL BODY HARNESS FOR FALL ARREST**  
[54] **BAUDRIER COMPLET PERMETTANT D'INTERROMPRE UNE CHUTE**  
[72] MCDONALD, KURT D., US  
[72] ECKER, TIMOTHY W., US  
[71] ROSE MANUFACTURING COMPANY, US  
[85] 2000-03-15  
[86] 1998-08-28 (PCT/US98/18039)  
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[30] US (08/974,132) 1997-11-19

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[13] A1  
[51] **Int.Cl. 7D02G 1/16 7D02G 1/12**  
[25] EN  
[54] **SINGLE IMPINGEMENT BULKING JET**  
[54] **JET GONFLANT A IMPACT UNIQUE**  
[72] FROST, DENNIS LESLIE, US  
[72] CAIN, TERRY ROBIN, US  
[72] TODD, MAURICE CORNELIUS, US  
[72] JOHNSON, MELVIN HARRY, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-03-15  
[86] 1998-10-09 (PCT/US98/21403)  
[87] 1999-05-06 (WO99/22054)  
[30] US (08/956,408) 1997-10-24

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[13] A1  
[51] **Int.Cl. 7A01H 5/00 7A01H 1/00 7C12N 15/29**  
[25] EN  
[54] **METHOD FOR ALTERING STORAGE ORGAN COMPOSITION**  
[54] **TECHNIQUE PERMETTANT DE MODIFIER LA COMPOSITION D'UN ORGANE DE STOCKAGE VEGETAL**  
[72] SCHROEDER, HARTMUT ERWIN, AU  
[72] HIGGINS, THOMAS JOSEPH, AU  
[72] TABE, LINDA MARIE, AU  
[71] GRAINS RESEARCH AND DEVELOPMENT CORPORATION, AU  
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU  
[85] 2000-03-17  
[86] 1998-09-18 (PCT/AU98/00773)  
[87] 1999-04-01 (WO99/15004)  
[30] AU (PO 9305) 1997-09-19

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[13] A1  
[51] **Int.Cl. 7B65H 63/00 7D02J 1/22**  
[25] EN  
[54] **WRAP DETECTION DEVICE**  
[54] **DISPOSITIF DE DETECTION D'ENROULEMENT**  
[72] STANLEY, JON OVITT, US  
[72] POTTER, JERRY FULLER, US  
[72] MODLA, JOHN CHRISTOPHER, US  
[72] DELAWSKI, EDWARD JOSEPH, US  
[72] CAIN, TERRY ROBIN, US  
[72] GILLESPIE, DONALD WILLIAM, US  
[72] JOHNSON, MELVIN HARRY, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-03-15  
[86] 1998-10-09 (PCT/US98/21397)  
[87] 1999-05-06 (WO99/21786)  
[30] US (08/957,033) 1997-10-24

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[21] **2,303,913**  
[13] A1  
[51] **Int.Cl. 7E02D 19/00**  
[25] EN  
[54] **DRAINAGE AND VENTILATION SYSTEM FOR BUILDING WALL ASSEMBLIES**  
[54] **SYSTEME D'EVACUATION ET DE VENTILATION POUR LA CONSTRUCTION D'ENSEMBLES FORMANT UN MUR**  
[72] ATKINS, MARK R., US  
[71] ATKINS, MARK R., US  
[85] 2000-03-15  
[86] 1997-09-15 (PCT/US97/16328)  
[87] 1999-03-25 (WO99/14442)

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[13] A1  
[51] **Int.Cl. 7B65B 21/24 7B65B 59/02 7B65B 43/26**  
[25] EN  
[54] **CARTON LOADING MECHANISM**  
[54] **MECANISME DE CHARGEMENT DE CARTONS**  
[72] EBLIN, PHILIPPE, FR  
[72] DUSSART, JEAN-JACQUES, FR  
[72] BONNAIN, JEAN-CHRISTOPHE, FR  
[71] THE MEAD CORPORATION, US  
[85] 2000-03-17  
[86] 1998-09-21 (PCT/US98/19619)  
[87] 1999-03-25 (WO99/14123)  
[30] GB (9719950.9) 1997-09-19

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[21] **2,303,915**  
[13] A1  
[51] **Int.Cl. 7C08J 3/20 7C08G 18/18 7C08J 3/205 7C08G 18/67**  
[25] EN  
[54] **LOW DENSITY POLYMERS AND METHODS OF MAKING AND USING SAME**  
[54] **POLYMERES BASSE DENSITE ET PROCEDES DE FABRICATION ET D'UTILISATION DE CEUX-CI**  
[72] ANDREOLA, CHRISTOPHER, US  
[72] LYDIGSEN, PAUL R., US  
[72] WRIGHT, WAYNE E., US  
[72] DOWNEY, WILLIAM J., US  
[71] CASCHEM, INC., US  
[85] 2000-03-17  
[86] 1998-09-18 (PCT/US98/19509)  
[87] 1999-04-01 (WO99/15578)  
[30] US (08/934,744) 1997-09-22

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<p style="text-align: right;">[21] <b>2,303,917</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/06</b> [25] EN [54] <b>STENT WITH CHANGEABLE CROSS-SECTIONAL AREA</b> [54] <b>EXTENSEUR DONT LA SURFACE DE LA SECTION TRANSVERSALE EST SUSCEPTIBLE DE MODIFICATIONS</b> [72] GARBER, BENNY, IL [71] GARBER, BENNY, IL [85] 2000-03-15 [86] 1998-07-30 (PCT/IL98/00358) [87] 1999-03-25 (WO99/13800) [30] IL (121771) 1997-09-15</p>	<p style="text-align: right;">[21] <b>2,303,920</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 12/28 7H04M 11/00</b> [25] EN [54] <b>NETWORK PROTOCOL-BASED HOME ENTERTAINMENT NETWORK</b> [54] <b>RESEAU DE DIVERTISSEMENT DOMESTIQUE A BASE D'UN PROTOCOLE DE RESEAU</b> [72] FRANK, EDWARD H., US [72] HOLLOWAY, JOHN T., US [71] BROADCOM HOMENETWORKING, INC., US [85] 2000-03-17 [86] 1998-10-20 (PCT/US98/22237) [87] 1999-05-14 (WO99/23789) [30] US (08/960,842) 1997-10-30</p>	<p style="text-align: right;">[21] <b>2,303,923</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G05D 1/03</b> [25] EN [54] <b>ELECTRONIC BORDERING SYSTEM</b> [54] <b>SYSTEME ELECTRONIQUE DE DELIMITATION</b> [72] PETERSSON, ULF, SE [72] BERGVALL, BENGT ALLAN, SE [71] AKTIEBOLAGET ELECTROLUX, SE [85] 2000-03-17 [86] 1998-09-15 (PCT/SE98/01635) [87] 1999-04-01 (WO99/15941) [30] SE (9703399-7) 1997-09-19</p>
<p style="text-align: right;">[21] <b>2,303,918</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/00</b> [25] EN [54] <b>USE OF 6,7-SUBSTITUTED 2-AMINOTETRALINES SUITABLE FOR PREPARING PHARMACEUTICAL COMPOSITION FOR THE THERAPEUTIC TREATMENT OF INFLAMMATORY AND/OR AUTOIMMUNE PATHOLOGIES</b> [54] <b>UTILISATION DE 2-AMINOTETRALINES 6,7-SUBSTITUEES POUR LA PREPARATION DE COMPOSITIONS PHARMACEUTIQUES POUR LE TRAITEMENT DE PATHOLOGIES INFLAMMATOIRES ET/OU AUTO-IMMUNES</b> [72] FORESTA, PIERO, IT [72] RUGGIERO, VITO, IT [71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT [85] 2000-03-17 [86] 1998-09-18 (PCT/IT98/00250) [87] 1999-04-01 (WO99/15160) [30] IT (RM97A000569) 1997-09-22</p>	<p style="text-align: right;">[21] <b>2,303,921</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01R 13/02 7H01R 4/02 7H01R 12/08</b> [25] EN [54] <b>IMPROVED MICROTERMINAL</b> [54] <b>MICROBORNE PERFECTIONNEE</b> [72] OSTERMANN, RUDIGER, ES [72] SAEZ GARCIA, ANA, ES [71] MECANISMOS AUXILIARES INDUSTRIALES, S.L., ES [85] 2000-03-15 [86] 1999-06-23 (PCT/ES99/00188) [87] 2000-01-27 (WO00/04606) [30] ES (U 9801892) 1998-07-15</p>	<p style="text-align: right;">[21] <b>2,303,924</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07K 14/81</b> [25] EN [54] <b>METHOD FOR PURIFICATION OF ANTITHROMBIN III</b> [54] <b>PROCEDE DE PURIFICATION DE L'ANTITHROMBINE III</b> [72] NEPPL, SILVIA, AT [72] SCHONHOFER, WOLFGANG, AT [72] SCHWARZ, HANS-PETER, AT [72] MATTHIESSEN, H. PETER, AT [72] LINNAU, YENDRA, AT [72] HETZL, ERNST, AT [71] BAXTER AKTIENGESELLSCHAFT, AT [85] 2000-03-17 [86] 1998-09-17 (PCT/AT98/00223) [87] 1999-04-01 (WO99/15562) [30] AT (A 1594/97) 1997-09-19</p>

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[13] A1  
[51] **Int.Cl. 7C08G 69/26 7C08G 69/48 7C08G 69/50**  
[25] EN  
[54] **SUBSTITUTED POLYAMIDES AND PROCESS FOR PREPARING THE SAME**  
[54] **POLYAMIDES SUBSTITUES ET LEUR PROCEDE DE PREPARATION**  
[72] Zahr, George Elias, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-03-15  
[86] 1998-10-09 (PCT/US98/21399)  
[87] 1999-04-22 (WO99/19382)  
[30] US (60/062,101) 1997-10-14

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[21] **2,303,926**  
[13] A1  
[51] **Int.Cl. 7C07D 311/58 7A61K 31/495 7A61K 31/535**  
[25] EN  
[54] **SUBSTITUTED CHROMAN DERIVATIVES**  
[54] **DERIVES DE CHROMANE SUBSTITUE**  
[72] LINDERBERG, MATS, SE  
[72] ROSS, SVANTE, SE  
[72] BERG, STEFAN, SE  
[72] ULFF, BENGT, SE  
[72] THORBERG, SETH-OLOV, SE  
[71] ASTRAZENECA AKTIEBOLAG, SE  
[85] 2000-03-17  
[86] 1998-09-09 (PCT/SE98/01604)  
[87] 1999-03-25 (WO99/14213)  
[30] SE (9703378-1) 1997-09-18

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[21] **2,303,928**  
[13] A1  
[51] **Int.Cl. 7D01G 23/02 7D01G 23/08**  
[25] EN  
[54] **IMPROVED DISTRIBUTION OF FIBER FROM PNEUMATIC FIBER CONVEYING SYSTEM**  
[54] **REPARTITION AMELIOREE DE FIBRES A PARTIR D'UN SYSTEME TRANSPORTEUR DE FIBRES PNEUMATIQUE**  
[72] Freund, Kenneth S., US  
[72] Mccoy, Todd Arden, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-03-15  
[86] 1998-10-01 (PCT/US98/20583)  
[87] 1999-04-15 (WO99/18270)  
[30] US (60/061,075) 1997-10-03

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[13] A1  
[51] **Int.Cl. 7C07D 207/416**  
[25] EN  
[54] **SULFO-N-HYDROXY SUCCINIMIDE AND METHOD OF PREPARATION**  
[54] **SULFO-N-HYDROXYSUCCINIMIDE ET PROCEDE D'ELABORATION**  
[72] Bremmer, Martin Lee, US  
[72] Wilkes, Marty Carey, US  
[71] PIERCE CHEMICAL COMPANY, US  
[85] 2000-03-15  
[86] 1998-09-17 (PCT/US98/19364)  
[87] 1999-03-25 (WO99/14192)  
[30] US (08/932,851) 1997-09-18  
[30] US (08/933,266) 1997-09-18

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[13] A1  
[51] **Int.Cl. 7C07H 17/08 7A61K 31/70**  
[25] EN  
[54] **3'-N-MODIFIED 6-O-SUBSTITUTED ERYTHROMYCIN KETOLIDE DERIVATIVES HAVING ANTIBACTERIAL ACTIVITY**  
[54] **DERIVES D'ERYTHROMYCINE CETOLIDEE, MODIFIES EN 3'-N ET SUBSTITUES EN 6-O, POSSEDANT UNE ACTIVITE ANTIBACTERIENNE**  
[72] Chu, Daniel T., US  
[72] OR, YAT SUN, US  
[72] MA, ZHENKUN, US  
[71] ABBOTT LABORATORIES, US  
[85] 2000-03-15  
[86] 1998-09-16 (PCT/US98/19311)  
[87] 1999-04-08 (WO99/16779)  
[30] US (08/940,871) 1997-09-30  
[30] US (09/133,121) 1998-08-12

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[13] A1  
[51] **Int.Cl. 7C08G 18/67 7C09D 167/06 7C09D 175/16**  
[25] EN  
[54] **POWDER PAINT BINDER COMPOSITION**  
[54] **COMPOSITION LIANTE POUR PEINTURE EN POUDRE**  
[72] Bayards, Richard Antonius, NL  
[72] De Jong, Evert Sjoerd, NL  
[72] Udding-Louwrier, Saskia, NL  
[71] DSM N.V., NL  
[85] 2000-03-15  
[86] 1998-08-21 (PCT/NL98/00475)  
[87] 1999-03-25 (WO99/14254)  
[30] NL (1007052) 1997-09-17

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[13] A1  
[51] **Int.Cl. 7E02D 5/56 7E02D 5/80**  
[25] EN  
[54] **SCREW PILE ANCHOR**  
[54] **DISPOSITIF D'ANCRAGE DE PILIER A VIS**  
[72] Camilleri, Paul Anthony, AU  
[71] STEEL FOUNDATIONS TECHNOLOGY PTY. LTD., AU  
[85] 2000-03-15  
[86] 1998-09-18 (PCT/AU98/00782)  
[87] 1999-03-25 (WO99/14441)  
[30] AU (PO 9272) 1997-09-18  
[30] AU (43610/97) 1997-10-29  
[30] AU (PP0347) 1997-11-13

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[13] A1  
[51] **Int.Cl. 7C04B 35/10 7C04B 35/103 7C04B 35/565 7C04B 35/567**  
[25] EN  
[54] **ALUMINA-SILICON CARBIDE-CARBON REFRACTORY CASTABLE CONTAINING MAGNESIUM ALUMINATE SPINEL**  
[54] **MATIERE REFRACTAIRE COULABLE EN CARBONE, CARBURE DE SILICIUM ET ALUMINE, CONTENANT DES SPINELLES EN ALUMINATE DE MAGNESIUM**  
[72] Bogan, Jeffrey E., US  
[71] NORTH AMERICAN REFRACTORIES CO., US  
[85] 2000-03-15  
[86] 1998-12-07 (PCT/US98/25930)  
[87] 1999-08-26 (WO99/42419)  
[30] US (09/028,265) 1998-02-23

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[13] A1  
[51] **Int.Cl. 7C07D 498/18 7A61K 31/395**  
[25] EN  
[54] **TETRAZOLE-CONTAINING RAPAMYCIN ANALOGS WITH SHORTENED HALF-LIVES**  
[54] **ANALOGUES DE RAPAMYCINE CONTENANT DU TETRAZOLE A DEMI-VIES RACCOURCIES**  
[72] Mollison, Karl W., US  
[71] ABBOTT LABORATORIES, US  
[85] 2000-03-15  
[86] 1998-09-24 (PCT/US98/20111)  
[87] 1999-04-01 (WO99/15530)  
[30] US (08/938,144) 1997-09-26

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[13] A1

[51] **Int.Cl. 7A61K 31/415 7A61K 39/05 7A61K 38/16 7A61K 31/20 7A61K 39/395**  
[25] EN  
[54] **12(S)-HETE RECEPTOR BLOCKERS**  
[54] **INHIBITEURS DU RECEPTEUR DE 12(S)-HETE**  
[72] NATARAJAN, RAMA DEVI, US  
[72] NADLER, JERRY L., US  
[71] CITY OF HOPE, US  
[85] 2000-03-15  
[86] 1998-10-14 (PCT/US98/21570)  
[87] 1999-04-22 (WO99/18956)  
[30] US (60/062,335) 1997-10-15

[21] **2,303,936**  
[13] A1

[51] **Int.Cl. 7C09J 201/00 7C09J 133/00 7C09J 167/00 7C09J 175/00 7C09J 177/00 7C09J 131/04 7A61L 15/58 7A61K 9/70**  
[25] EN  
[54] **GEL-FORM PRESSURE-SENSITIVE ADHESIVE, AND ADHESIVE MATERIAL AND ADHESIVE MEDICINAL PREPARATION BOTH CONTAINING THE SAME**  
[54] **ADHESIF SENSIBLE A LA PRESSION SOUS FORME DE GEL, ET MATIERE ADHESIVE ET PREPARATION MEDICALE ADHESIVE RENFERMANT CE DERNIER**  
[72] MARUO, SUSUMU, JP  
[72] IWAI, MICHIO, JP  
[72] MIYOSHI, TAKANORI, JP  
[72] KUWAHARA, HIROAKI, JP  
[72] MINEMATSU, HIROYOSHI, JP  
[72] KAWAGUCHI, TAKEYUKI, JP  
[71] TEIJIN LIMITED, JP  
[85] 2000-03-15  
[86] 1998-09-11 (PCT/JP98/04127)  
[87] 1999-03-25 (WO99/14283)  
[30] JP (9/250629) 1997-09-16

[21] **2,303,937**  
[13] A1

[51] **Int.Cl. 7C08K 5/41 7C08L 23/02 7C08K 5/42**  
[25] EN  
[54] **THERMOPLASTIC ELASTOMER COMPOSITIONS HAVING IMPROVED PROCESSING PROPERTIES**  
[54] **COMPOSITIONS ELASTOMERES THERMOPLASTIQUES AVEC APTITUDE AU TRAITEMENT AMELIOREE**  
[72] PEIFFER, DENNIS G., US  
[72] MONTAGNA, ANGELO A., US  
[72] CHLUDZINSKI, JAMES J., US  
[72] ROSEMBAUM, BARRY M., US  
[72] HAZELTON, DONALD R., US  
[72] ELLUL, MARIA D., US  
[72] DEKMEZIAN, ARMEN, US  
[72] ERDERLY, THOMAS C., US  
[71] ADVANCED ELASTOMER SYSTEMS, L.P., US  
[71] EXXON CHEMICAL PATENTS, INC., US  
[85] 2000-03-15  
[86] 1998-10-14 (PCT/US98/21673)  
[87] 1999-04-22 (WO99/19394)  
[30] US (08/951,405) 1997-10-16

[21] **2,303,938**  
[13] A1

[51] **Int.Cl. 7H04H 1/00**  
[25] EN  
[54] **METHOD AND DEVICE FOR CHANGE OF RECEPTION FREQUENCY IN A DIGITAL AUDIO BROADCASTING SYSTEM RECEIVER**  
[54] **PROCEDE ET DISPOSITIF UTILISES POUR LE CHANGEMENT DE FREQUENCE DE RECEPTION DANS UN RECEPTEUR DE SYSTEME DE RADIODIFFUSION NUMERIQUE**  
[72] OSSFELDT, JAN, SE  
[72] RUOTTINEN, PER, SE  
[72] KARLSSON, PIERRE, SE  
[72] REBHAN, RICHARD, SE  
[71] TERACOM AB, SE  
[85] 2000-03-15  
[86] 1998-09-14 (PCT/SE98/01624)  
[87] 1999-03-25 (WO99/14874)  
[30] SE (9703331-0) 1997-09-16

[21] **2,303,939**  
[13] A1

[51] **Int.Cl. 7H04L 12/28 7H04J 3/16 7H04J 3/17**  
[25] EN  
[54] **VIRTUAL PATH MERGING IN A MULTIPPOINT-TO-POINT NETWORK TUNNELING PROTOCOL**  
[54] **CONVERGENCE DES TRAJETS VIRTUELS DANS UN PROTOCOLE TUNNEL DE RESEAU**  
[72] SHELLY, SUSHIL, US  
[72] PUNTAMBEKAR, ARVIND S., US  
[71] ASCEND COMMUNICATIONS, INC., US  
[85] 2000-03-15  
[86] 1998-09-16 (PCT/US98/19303)  
[87] 1999-03-25 (WO99/14899)  
[30] US (60/059,245) 1997-09-18  
[30] US (09/074,364) 1998-05-07

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[13] A1

[51] **Int.Cl. 7A61K 7/00**  
[25] EN  
[54] **LOW RESIDUE SOLID ANTIPERSPIRANT**  
[54] **PRODUIT ANTISUDORIFIQUE SOUS FORME SOLIDE A FAIBLE RESIDU**  
[72] CONVENIDO, EUGENIA VILLAREAL, US  
[72] NOE, JEREMY EDWARD, US  
[72] BIANCHI, JAMES MICHAEL, US  
[71] UNILEVER PLC, GB  
[85] 2000-03-14  
[86] 1998-08-25 (PCT/EP98/05497)  
[87] 1999-04-08 (WO99/16410)  
[30] US (60/060114) 1997-09-26  
[30] US (09/071654) 1998-05-01

[21] **2,303,941**  
[13] A1

[51] **Int.Cl. 7A61F 13/15**  
[25] EN  
[54] **DISPOSABLE TRAINING PANT WITH ELASTICIZED SIDE PANELS**  
[54] **CULOTTE DE PROPLETE JETABLE A FLANCS ELASTIQUES**  
[72] PARGASS, SUNITA, US  
[71] PARAGON TRADE BRANDS, INC., US  
[85] 2000-03-14  
[86] 1998-09-14 (PCT/US98/18975)  
[87] 1999-03-25 (WO99/13813)  
[30] US (08/931,389) 1997-09-16

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[21] **2,303,942**  
[13] A1  
[51] **Int.Cl. 7H01T 4/04 7H01C 7/12**  
[25] EN  
[54] **SURGE ARRESTER HAVING SINGLE SURGE ARRESTING BLOCK**  
[54] **LIMITEUR DE SURTENSION A UN SEUL BLOC DE LIMITATION DE SURTENSION**  
[72] ROOK, LARRY E., US  
[71] JOSLYN MANUFACTURING CO., US  
[85] 2000-03-22  
[86] 1998-06-01 (PCT/US98/11051)  
[87] 1999-04-15 (WO99/18642)  
[30] US (08/947,049) 1997-10-08

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[21] **2,303,943**  
[13] A1  
[51] **Int.Cl. 7C07C 215/48 7A61K 31/135 7C07C 225/20 7C07C 215/52 7C07C 217/60**  
[25] EN  
[54] **2-AMINOTETRALINES, A PROCESS FOR THEIR PREPARATION, AND PHARMACEUTICAL COMPOSITIONS, FOR THE PREVENTION AND THERAPEUTIC TREATMENT OF INFLAMMATORY AND/OR AUTOIMMUNE PATHOLOGIES**  
[54] **2-AMINOTETRALINES, LEUR PROCEDE DE PREPARATION, ET COMPOSITIONS PHARMACEUTIQUES POUR LA PREVENTION ET LE TRAITEMENT THERAPEUTIQUE DE PATHOLOGIES INFLAMMATOIRES ET/OU AUTO-IMMUNES**  
[72] MORETTI, GIAN PIERO, IT  
[72] FORESTA, PIERO, IT  
[72] FANTO, NICOLA, IT  
[71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE SPA, IT  
[85] 2000-03-17  
[86] 1998-09-22 (PCT/IT98/00252)  
[87] 1999-04-01 (WO99/15494)  
[30] IT (RM97A000568) 1997-09-22

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[21] **2,303,944**  
[13] A1  
[51] **Int.Cl. 7B01F 5/00 7C02F 1/32**  
[25] EN  
[54] **METHOD AND APPARATUS FOR IMPROVED MIXING IN FLUIDS**  
[54] **PROCEDE ET APPAREIL AMELIORES DE MELANGES DE FLUIDES**  
[72] CORMACK, DONALD E., CA  
[72] BIRCHER, KEITH G., CA  
[71] CALGON CARBON CORPORATION, US  
[85] 2000-03-17  
[86] 1998-09-21 (PCT/US98/19650)  
[87] 1999-03-25 (WO99/13975)  
[30] US (08/933,573) 1997-09-19

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[21] **2,303,945**  
[13] A1  
[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **DETECTION OF MINIMAL RESIDUAL DISEASE IN LYMPHOID MALIGNANCIES**  
[54] **DETECTION D'UNE PATHOLOGIE RESIDUELLE MINIME DANS DES TUMEURS MALIGNES LYMPHOIDES**  
[72] PONGERS-WILLEMSE, MARTHA JACOBA, NL  
[72] VAN DONGEN, JACOBUS JOHANNES MARIA, NL  
[71] ERASMUS UNIVERSITEIT ROTTERDAM, NL  
[85] 2000-03-17  
[86] 1998-09-18 (PCT/NL98/00542)  
[87] 1999-03-25 (WO99/14366)  
[30] EP (97202858.3) 1997-09-18

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[21] **2,303,946**  
[13] A1  
[51] **Int.Cl. 7A61K 31/085 7A61P 15/02 7A61F 6/08 6A61K 31/155 7A61K 47/30 7A61K 7/40**  
[25] EN  
[54] **CHEMICAL COMPOSITION HAVING SPERMICIDAL, BACTERICIDAL AND VIRUCIDAL ACTIVITY AND APPARATUS FOR DELIVERY INTO THE VAGINAL CANAL**  
[54] **COMPOSITION CHIMIQUE A POUVOIR SPERMICIDE, BACTERICIDE ET VIROCIDE, ET APPAREIL D'INJECTION PAR VOIE VAGINALE**  
[72] HACES, ALBERTO, US  
[71] GYNETECH, US  
[85] 2000-03-17  
[86] 1999-07-16 (PCT/US99/16160)  
[87] 2000-01-27 (WO00/03682)  
[30] US (60/093,282) 1998-07-17  
[30] US (60/098,046) 1998-08-27

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[13] A1  
[51] **Int.Cl. 7B32B 21/13 7C09J 175/08 7C08G 18/10 7C08G 18/48 7C08G 18/76**  
[25] EN  
[54] **POLYISOCYANATE ADHESIVE FOR PLYWOOD**  
[54] **COLLE DE POLYISOCYANATES POUR CONTREPLAQUE**  
[72] BOLANGIER, LUC, BE  
[72] SEPPALA, RISTO, BE  
[71] HUNTSMAN ICI CHEMICALS LLC, US  
[85] 2000-03-17  
[86] 1998-09-14 (PCT/EP98/05830)  
[87] 1999-04-22 (WO99/19141)  
[30] EP (97117599.7) 1997-10-10

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[21] **2,303,948**  
[13] A1

[51] **Int.Cl. 7H04B 10/04**  
[25] EN  
[54] **INTEGRATED WAVELENGTH-SELECT TRANSMITTER**  
[54] **EMETTEUR INTEGRE A SELECTION DE LONGUEUR D'ONDE**  
[72] LOGAN, RONALD T., JR., US  
[72] MUNKS, TIMOTHY C., US  
[72] GERTEL, EITAN, US  
[72] BALL, GARY A., US  
[72] ADE, ROBERT W., US  
[72] KISSA, KARL, US  
[72] DUNN, PAUL, US  
[71] UNIPHASE TELECOMMUNICATIONS PRODUCTS, INC., US  
[85] 2000-03-17  
[86] 1998-09-10 (PCT/US98/18868)  
[87] 1999-04-01 (WO99/15928)  
[30] US (08/934,189) 1997-09-19

[21] **2,303,949**  
[13] A1

[51] **Int.Cl. 7B65B 43/14**  
[25] EN  
[54] **FEEDER MECHANISM AND HOPPER FOR TWO DIFFERENT TYPES OF CARTONS**  
[54] **MECANISME D'ALIMENTATION ET TREMIE POUR DEUX TYPES DIFFERENTS D'EBAUCHES DE BOITES EN CARTON**  
[72] EBLIN, PHILIPPE, FR  
[72] BONNAIN, JEAN-CHRISTOPHE, FR  
[72] DUSSART, JEAN-JACQUES, FR  
[71] THE MEAD CORPORATION, US  
[85] 2000-03-17  
[86] 1998-09-21 (PCT/US98/19523)  
[87] 1999-03-25 (WO99/14126)  
[30] GB (9719951.7) 1997-09-19

[21] **2,303,954**  
[13] A1

[51] **Int.Cl. 7C07D 487/04 7A61K 31/395**  
[25] EN  
[54] **CARBAPENEM ANTIBACTERIAL COMPOUNDS, COMPOSITIONS CONTAINING SUCH COMPOUNDS AND METHODS OF TREATMENT**  
[54] **COMPOSES ANTIBACTERIENS DE CARBAPENEM, COMPOSITIONS CONTENANT CES COMPOSES ET PROCEDES DE TRAITEMENT**  
[72] DYKSTRA, KEVIN D., US  
[72] DININNO, FRANK P., US  
[71] MERCK & CO., INC., US  
[85] 2000-03-17  
[86] 1998-09-28 (PCT/US98/20259)  
[87] 1999-04-15 (WO99/18107)  
[30] US (60/060,867) 1997-10-02

[21] **2,303,955**  
[13] A1

[51] **Int.Cl. 7B65B 21/24 7B65B 61/24**  
[25] EN  
[54] **APPARATUS FOR REPOSITIONING CARTON FLAPS**  
[54] **APPAREIL DE REPOSITIONNEMENT DES RABATS DES CARTONS**  
[72] DUSSART, JEAN-JACQUES, FR  
[72] BONNAIN, JEAN-CHRISTOPHE, FR  
[72] EBLIN, PHILIPPE, FR  
[71] THE MEAD CORPORATION, US  
[85] 2000-03-17  
[86] 1998-09-21 (PCT/US98/19648)  
[87] 1999-03-25 (WO99/14124)  
[30] GB (9719947.5) 1997-09-19

[21] **2,303,956**  
[13] A1

[51] **Int.Cl. 7B65B 43/30**  
[25] EN  
[54] **CARTON ERECTING MECHANISM**  
[54] **MECANISME DE MONTAGE DE CARTON**  
[72] DUSSART, JEAN-JACQUES, FR  
[72] BONNAIN, JEAN-CHRISTOPHE, FR  
[72] EBLIN, PHILIPPE, FR  
[71] THE MEAD CORPORATION, US  
[85] 2000-03-17  
[86] 1998-09-21 (PCT/US98/19646)  
[87] 1999-03-25 (WO99/14127)  
[30] GB (9719948.3) 1997-09-19

[21] **2,303,959**  
[13] A1

[51] **Int.Cl. 7C07D 413/10 7C07D 413/14 7A61K 31/42**  
[25] EN  
[54] **OXAZOLIDINONE DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS**  
[54] **DERIVES D'OXAZOLIDINONE ET COMPOSITIONS PHARMACEUTIQUES**  
[72] HESTER, JACKSON B., JR., US  
[71] PHARMACIA & UPJOHN COMPANY, US  
[85] 2000-03-17  
[86] 1998-10-30 (PCT/US98/22639)  
[87] 1999-05-20 (WO99/24428)  
[30] US (60/065,376) 1997-11-12

[21] **2,303,961**  
[13] A1

[51] **Int.Cl. 7A61K 31/42**  
[25] EN  
[54] **USE OF OXAZOLIDINONE DERIVATIVES FOR TREATING PSORIASIS, ARTHRITIS AND REDUCING THE TOXICITY OF CANCER CHEMOTHERAPY**  
[54] **UTILISATION DE DERIVES D'OXAZOLIDINONE POUR TRAITER LE PSORIASIS, AINSI QUE L'ARTHRITE ET DIMINUER LA TOXICITE D'UNE CHIMIOThERAPIE ANTICANCEREUSE**  
[72] ULRICH, ROGER G., US  
[72] BATTS, DONALD H., US  
[71] PHARMACIA & UPJOHN COMPANY, US  
[85] 2000-03-17  
[86] 1998-11-10 (PCT/US98/23233)  
[87] 1999-05-27 (WO99/25344)  
[30] US (60/065,689) 1997-11-18  
[30] US (60/071,297) 1998-01-16  
[30] US (60/073,662) 1998-02-04  
[30] US (60/075,247) 1998-02-19  
[30] US (60/077,672) 1998-03-12

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<p style="text-align: right;">[21] <b>2,303,963</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21F 5/18 7D21F 11/14</b> [25] EN [54] <b>LOW WET PRESSURE DROP LIMITING ORIFICE DRYING MEDIUM AND PROCESS OF MAKING PAPER THEREWITH</b> [54] <b>ELEMENT DE SECHAGE PAR ORIFICES REGULATEURS A FAIBLE CHUTE DE PRESSION HUMIDE ET PROCEDE DE FABRICATION DE PAPIER AU MOYEN DE CET ELEMENT</b> [72] STELLJES, MICHAEL GOMER JR., US [72] ENSIGN, DONALD EUGENE, US [72] TROKHAN, PAUL DENNIS, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-03-16 [86] 1998-09-17 (PCT/IB98/01441) [87] 1999-03-25 (WO99/14429) [30] US (08/932,846) 1997-09-18</p>	<p style="text-align: right;">[21] <b>2,303,967</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C10G 9/16</b> [25] EN [54] <b>METHOD OF INHIBITING COKE DEPOSITION IN PYROLYSIS FURNACES</b> [54] <b>PROCEDE D'INHIBITION DU DEPOT DE COKE DANS LES FOURS A PYROLYSE</b> [72] POINDEXTER, MICHAEL K., US [72] TONG, YUODONG, US [71] NALCO/EXXON ENERGY CHEMICALS, L.P., US [85] 2000-03-16 [86] 1998-09-10 (PCT/US98/18924) [87] 1999-03-25 (WO99/14290) [30] US (08/932,588) 1997-09-17</p>	<p style="text-align: right;">[21] <b>2,303,970</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 16/00 7A62B 7/00 7A62B 9/00 7F01D 9/00 7F03D 11/00 7F01D 1/02 7F03B 1/04 7F03D 1/04 7F03D 3/04 7F03B 3/16 7F04D 29/44</b> [25] EN [54] <b>MEDICAL VENTILATOR</b> [54] <b>VENTILATEUR MEDICAL</b> [72] WOODRING, PAUL L., US [72] KIMM, GARDNER J., US [72] STEPHENSON, ROBERT L., US [72] ROGERS, DAVID R., US [72] HARRINGTON, STEVE, US [72] NOVKOV, DONALD J., US [72] MABRY, REBECCA A., US [71] RESPIRONICS, INC., US [85] 2000-03-16 [86] 1998-09-18 (PCT/US98/19635) [87] 1999-03-25 (WO99/13932) [30] US (60/059,676) 1997-09-19</p>
<p style="text-align: right;">[21] <b>2,303,965</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E04C 3/07 7E04C 3/09 7B21D 5/14</b> [25] EN [54] <b>HOLLOW FLANGE SECTION</b> [54] <b>SECTION A BRIDE CREUSE</b> [72] GOLEBY, LESLIE DAVID, AU [72] WATKINS, RUSSELL LAMBERT, AU [71] TUBE TECHNOLOGY PTY. LTD., AU [85] 2000-03-16 [86] 1998-09-16 (PCT/AU98/00756) [87] 1999-03-25 (WO99/14451) [30] AU (PO 9227) 1997-09-16</p>	<p style="text-align: right;">[21] <b>2,303,968</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B32B 7/04 7B32B 31/00 7D04H 13/00 7B31F 1/07 7D21H 27/32 7D21H 27/40</b> [25] EN [54] <b>LAMINATED FIBROUS STRUCTURE AND METHOD FOR MANUFACTURING SAME</b> [54] <b>STRUCTURE FIBREUSE STRATIFIEE ET PROCEDE DE FABRICATION ASSOCIE</b> [72] TROKHAN, PAUL DENNIS, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-03-16 [86] 1998-08-28 (PCT/IB98/01344) [87] 1999-04-01 (WO99/15332) [30] US (08/934,406) 1997-09-19</p>	<p style="text-align: right;">[21] <b>2,303,972</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 217/20</b> [25] EN [54] <b>SEPARATION OF ENANTIOMERS OF OCTAHYDROISOQUINOLINE</b> [54] <b>SEPARATION DES ENANTIOMERES D'OCTAHYDROISOQUINOLEINE</b> [72] STANLEY, KENNETH D., US [72] DEMIAN, JULIA, US [71] BOEHRINGER INGELHEIM CHEMICALS, INC., US [85] 2000-03-16 [86] 1998-09-02 (PCT/US98/18134) [87] 1999-03-25 (WO99/14198) [30] US (60/059,193) 1997-09-17</p>
<p style="text-align: right;">[21] <b>2,303,966</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/22</b> [25] EN [54] <b>METHOD AND APPARATUS FOR DEFINING AND UPDATING MOBILE SERVICES BASED ON SUBSCRIBER GROUPS</b> [54] <b>PROCEDE ET APPAREIL DE DEFINITION ET D'ACTUALISATION DE SERVICES MOBILES SUR LA BASE DE LA NOTION DE GROUPE D'ABONNES</b> [72] LAIHO, KEIJO TAPIO, FI [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-03-16 [86] 1998-09-15 (PCT/SE98/01642) [87] 1999-03-25 (WO99/14960) [30] US (08/933,513) 1997-09-18</p>	<p style="text-align: right;">[21] <b>2,303,969</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63B 59/14 7B29C 45/14</b> [25] EN [54] <b>WEAR-RESISTANT HOCKEY STICK BLADE, AND METHOD OF MANUFACTURE THEREOF</b> [54] <b>LAME DE BATON DE HOCKEY RESISTANTE A L'USURE ET SON PROCEDE DE FABRICATION</b> [72] DESJARDINS, GILLES, CA [72] TREMBLAY, GUY, CA [71] DESJARDINS, GILLES, CA [71] TREMBLAY, GUY, CA [85] 2000-03-16 [86] 1997-10-03 (PCT/CA97/00732) [87] 1999-04-15 (WO99/17846)</p>	<p style="text-align: right;">[21] <b>2,303,974</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A44C 3/00</b> [25] EN [54] <b>AN IMPROVED AWARD MEDAL AND PROCESS FOR MAKING SAME</b> [54] <b>MEDAILLE AMELIOREE ET PROCEDE DE FABRICATION DE CELLE-CI</b> [72] WAAS-RUSSIYAN, CINTHIA, US [72] RUSSIYAN, NICHOLAS, US [71] WAAS-RUSSIYAN, CINTHIA, US [71] RUSSIYAN, NICHOLAS, US [85] 2000-03-16 [86] 1998-09-15 (PCT/US98/19135) [87] 1999-03-25 (WO99/13746) [30] US (60/059,187) 1997-09-17</p>

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<p style="text-align: right;">[21] <b>2,303,975</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G02C 5/22</b> [25] EN [54] <b>HINGE BETWEEN A SIDE PIECE AND AN ENDPiece OF GLASSES</b> [54] <b>ARTICULATION A CHARNIERE ENTRE UNE BRANCHE ET UN TENON D'UNE MONTURE DE LUNETTES</b> [72] SPINDELBALKER, RUPERT, AT [72] FUCHS, GERHARD, AT [71] SILHOUETTE INTERNATIONAL SCHMIED GMBH &amp; CO. KG, AT [85] 2000-03-16 [86] 1998-08-20 (PCT/AT98/00198) [87] 1999-03-25 (WO99/14628) [30] AT (A 1563/97) 1997-09-07</p>	<p style="text-align: right;">[21] <b>2,303,979</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F26B 3/00</b> [25] EN [54] <b>IMPROVED CHEMICAL DRYING AND CLEANING SYSTEM</b> [54] <b>SYSTEME CHIMIQUE AMELIORE DE SECHAGE ET DE NETTOYAGE</b> [72] FERRELL, GARY W., US [72] ELSON, ROBERT J., US [72] SHIPPER, JOHN F., US [71] FERRELL, GARY W., US [85] 2000-03-16 [86] 1998-09-22 (PCT/US98/19793) [87] 1999-04-01 (WO99/15845) [30] US (08/935,671) 1997-09-23 [30] US (09/034,369) 1998-03-03 [30] US (09/109,460) 1998-07-02</p>	<p style="text-align: right;">[21] <b>2,303,985</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 307/88 7C25B 3/04</b> [25] EN [54] <b>METHOD FOR PRODUCING PHTHALIDES</b> [54] <b>PROCEDE DE PRODUCTION DE PHTALIDES</b> [72] HANNEBAUM, HEINZ, DE [72] PUTTER, HERMANN, DE [72] BAUMANN, DIETER, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 2000-03-16 [86] 1998-09-05 (PCT/EP98/05626) [87] 1999-04-01 (WO99/15514) [30] DE (19741423.0) 1997-09-19</p>
<p style="text-align: right;">[21] <b>2,303,977</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/53 7A01H 5/00 7A01H 5/10 7C12N 5/10 7C12N 15/55 7C12N 15/82</b> [25] EN [54] <b>EXPRESSION OF ENZYMES INVOLVED IN CELLULOSE MODIFICATION</b> [54] <b>EXPRESSION D'ENZYMES IMPLIQUEES DANS UNE MODIFICATION DE LA CELLULOSE</b> [72] THOMAS, STEVEN R., US [72] SCHAAF, DAVID J., US [72] HIMMEL, MICHAEL E., US [72] STALKER, DAVID M., US [71] CALGENE LLC, US [85] 2000-03-17 [86] 1999-07-23 (PCT/US99/16579) [87] 2000-02-03 (WO00/05381) [30] US (09/122,533) 1998-07-24</p>	<p style="text-align: right;">[21] <b>2,303,980</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G08C 19/02</b> [25] FR [54] <b>BOUCLE DE COURANT COMPORTANT UN CIRCUIT DE TEST</b> [54] <b>CURRENT LOOP COMPRISING A TEST CIRCUIT</b> [72] MARMONIER, JEAN, FR [72] AUDREN, JEAN-PAUL, FR [71] ALSTOM HOLDINGS, FR [85] 2000-03-16 [86] 1999-07-19 (PCT/FR99/01764) [87] 2000-02-03 (WO00/05695) [30] FR (98/09217) 1998-07-20</p>	<p style="text-align: right;">[21] <b>2,303,986</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 237/20 7C07D 405/10 7A01N 43/58</b> [25] EN [54] <b>SUBSTITUTED 2-PHENYL-3(2H)-PYRIDAZINONES</b> [54] <b>2-PHENYLE-3(2H)-PYRIDAZINONES SUBSTITUEES</b> [72] MUNSTER, PETER, DE [72] ZAGAR, CYRILL, DE [72] HAMPRECHT, GERHARD, DE [72] MENGES, MARKUS, DE [72] SCHAFFER, PETER, DE [72] WALTER, HELMUT, DE [72] WESTPHALEN, KARL-OTTO, DE [72] MENGES, OLAF, DE [72] OTTEN, MARTINA, DE [72] RACK, MICHAEL, DE [72] REINHARD, ROBERT, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 2000-03-16 [86] 1998-09-05 (PCT/EP98/05622) [87] 1999-03-25 (WO99/14201) [30] DE (09740973.3) 1997-09-17</p>
<p style="text-align: right;">[21] <b>2,303,978</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12Q 1/68</b> [25] EN [54] <b>METHOD AND KIT FOR EARLY DIAGNOSIS OF AUTOIMMUNITY AND LYMPHOMA IN CENTRAL NERVOUS SYSTEM</b> [54] <b>PROCEDE ET KIT DE DIAGNOSTIC PRECOCE DE L'AUTO-IMMUNITE ET DU LYMPHOME DANS LE SYSTEME NERVEUX CENTRAL</b> [72] QIN, YUFEN, CA [71] MEDELYS LABORATORIES INC., CA [85] 2000-03-17 [86] 1998-09-17 (PCT/CA98/00873) [87] 1999-04-01 (WO99/15696) [30] CA (2,216,595) 1997-09-19 [30] CA (2,220,245) 1997-11-04</p>	<p style="text-align: right;">[21] <b>2,303,982</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61M 16/04</b> [25] EN [54] <b>SPONTANEOUS BREATHING APPARATUS AND METHOD</b> [54] <b>APPAREIL ET PROCEDE DE VENTILATION SPONTANEE</b> [72] KOLOBOW, THEODOR, US [71] UNITED STATES OF AMERICA, REPRESENTED BY SECRETARY, DEPARTMENT OF HEALTH, US [85] 2000-03-16 [86] 1998-09-18 (PCT/US98/19714) [87] 1999-03-25 (WO99/13933) [30] US (08/933,003) 1997-09-18 [30] US (60/059,251) 1997-09-18</p>	



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[21] **2,303,987**  
[13] A1

[51] **Int.Cl. 7H04L 12/46 7H04L 29/10 7H04L 12/26 7H04L 12/66**  
[25] EN  
[54] **APPARATUS AND METHOD FOR INTELLIGENT ROUTING OF DATA BETWEEN A REMOTE DEVICE AND A HOST SYSTEM**  
[54] **APPAREIL ET PROCEDURE D'ACHEMINEMENT INTELLIGENT A DISTANCE ET UN SYSTEME HOTE**  
[72] WHITMORE, DAVID L., US  
[72] DOVIK, WILLIAM, US  
[72] HOUVIG, FLEX, US  
[71] PADCOM, INC., US  
[85] 2000-03-16  
[86] 1998-09-16 (PCT/US98/18491)  
[87] 1999-03-25 (WO99/14958)  
[30] US (08/932,532) 1997-09-17

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[13] A1

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[54] **PRODUCTIVITY PACKAGE**  
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[72] MAGOTO, DANIEL C., US  
[72] LUEBRECHT, DONALD E., US  
[71] CROWN EQUIPMENT CORPORATION, US  
[85] 2000-03-16  
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[30] US (60/070,969) 1997-09-30

[21] **2,303,991**  
[13] A1

[51] **Int.Cl. 7B01J 19/08**  
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[54] **CORONA DISCHARGE REACTOR**  
[54] **REACTEUR DE DECHARGE PAR EFFET DE COURONNE**  
[72] JORGENSEN, NORMAN, GB  
[72] MCADAMS, ROY, GB  
[72] WINTERBOTTOM, FIONA, GB  
[72] CARLOW, JOHN SYDNEY, GB  
[72] KING, ROBERT FRANCIS, GB  
[71] AEA TECHNOLOGY PLC, GB  
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[30] GB (9719858.4) 1997-09-19

[21] **2,303,993**  
[13] A1

[51] **Int.Cl. 7B01L 3/00**  
[25] EN  
[54] **MULTI-LIMBED REACTION VESSEL**  
[54] **CUVE DE REACTION A PLUSIEURS BRAS**  
[72] SMITH, GILLIAN ELIZABETH, GB  
[72] VEAL, KENNETH THOMAS, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[85] 2000-03-16  
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[30] GB (9719981.4) 1997-09-19

[21] **2,303,994**  
[13] A1

[51] **Int.Cl. 7C07D 471/00**  
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[54] **N-5,6,7,8-TETRAHYDRO(1,6)NAPHTHYRIDINE-N'-PHENYLUREA DERIVATIVES**  
[54] **NOUVEAUX COMPOSES**  
[72] HARRINGTON, FRANK PETER, GB  
[72] THOMPSON, MERVYN, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
[85] 2000-03-16  
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[87] 1999-04-01 (WO99/15526)  
[30] GB (9720052.1) 1997-09-19

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[13] A1

[51] **Int.Cl. 7B23D 21/08**  
[25] FR  
[54] **APPAREIL A MAIN POUR LA COUPE TRANSVERSALE D'UN TUYAU EN ACCES DIFFICILE**  
[54] **HAND-HELD APPARATUS FOR TRANSVERSE CUTTING OF A NOT EASILY ACCESSIBLE PIPE**  
[72] PETIT, FABRICE, FR  
[72] GILLET, PASCAL, FR  
[71] GILLET OUTILLAGE, FR  
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[13] A1

[51] **Int.Cl. 7H04Q 7/28**  
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[54] **DISPOSITIF D'ALLOCATION DE RESSOURCES DANS UN RESEAU DE RADIOCOMMUNICATIONS**  
[54] **DEVICE FOR ALLOCATING RESOURCES IN A RADIOCOMMUNICATION NETWORK**  
[72] BILLON, THIERRY, FR  
[71] NORTEL MATRA CELLULAR, FR  
[85] 2000-03-10  
[86] 1998-09-11 (PCT/FR98/01952)  
[87] 1999-03-25 (WO99/14964)  
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[13] A1

[51] **Int.Cl. 7E05F 11/24 7E05D 15/34 7E05D 15/44 7E05D 15/46**  
[25] EN  
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[54] **MECANISME D'OUVERTURE**  
[72] BEISSWENGER, FRANK, DE  
[71] SECURISTYLE LIMITED, GB  
[85] 2000-03-16  
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[13] A1

[51] **Int.Cl. 7A61K 31/55 7C07D 223/16**  
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[54] **VITRONECTIN RECEPTOR ANTAGONIST**  
[54] **ANTAGONISTE DU RECEPTEUR DE LA VITRONECTINE**  
[72] BONDINELL, WILLIAM E., US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2000-03-16  
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<p style="text-align: right;">[21] <b>2,304,004</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 5/08</b> [25] EN [54] <b>INDIVIDUALIZED AND CALIBRATED AIR TUBE FOR SPIROMETER</b> [54] <b>TUBE A AIR CALIBRE ET INDIVIDUEL POUR SPIROMETRE</b> [72] JOHNSON, MICHAEL O., US [71] DESERT MOON DEVELOPMENT LIMITED PARTNERSHIP, US [85] 2000-03-16 [86] 1998-09-08 (PCT/US98/18635) [87] 1999-03-25 (WO99/13770) [30] US (08/932,739) 1997-09-17</p>	<p style="text-align: right;">[21] <b>2,304,007</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 5/08 7A61K 35/14 7A61K 35/30</b> [25] EN [54] <b>GENERATION OF HEMATOPOIETIC CELLS FROM MULTIPOTENT NEURAL STEM CELLS</b> [54] <b>GENERATION DE CELLULES HEMATOPOIETIQUES A PARTIR DE CELLULES SOUCHES NEURALES MULTIPOTENTES</b> [72] VESCOVI, ANGELO L., IT [72] BJORNSON, CHRISTOPHER R., CA [72] RIETZE, ROD L., CA [72] REYNOLDS, BRENT A., CA [71] NEUROSPHERES HOLDINGS LTD., CA [85] 2000-03-16 [86] 1998-09-28 (PCT/CA98/00916) [87] 1999-04-08 (WO99/16863) [30] US (60/060,289) 1997-09-29 [30] US (09/100,679) 1998-06-19</p>	<p style="text-align: right;">[21] <b>2,304,010</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/16</b> [25] EN [54] <b>METHODS AND COMPOSITIONS FOR WHITENING TEETH</b> [54] <b>METHODES ET COMPOSITIONS DE BLANCHIMENT DE DENTS</b> [72] GREENSPAN, DAVID C., US [72] HACK, GARY D., US [72] LITKOWSKI, LEONARD J., US [71] UNIVERSITY OF MARYLAND BALTIMORE, US [71] US BIOMATERIALS CORPORATION, US [85] 2000-03-16 [86] 1998-09-18 (PCT/US98/18500) [87] 1999-03-25 (WO99/13852) [30] US (60/059,222) 1997-09-18</p>
<p style="text-align: right;">[21] <b>2,304,005</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/495</b> [25] EN [54] <b>COMPOSITIONS AND METHODS FOR TREATING RESPIRATORY DISORDERS</b> [54] <b>COMPOSITIONS ET PROCEDES DE TRAITEMENT DE TROUBLES RESPIRATOIRES</b> [72] MITRA, SEKHAR, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-03-16 [86] 1998-08-28 (PCT/IB98/01339) [87] 1999-04-01 (WO99/15173) [30] US (08/934,033) 1997-09-19</p>	<p style="text-align: right;">[21] <b>2,304,008</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12M 1/00 7A61J 1/00</b> [25] FR [54] <b>POCHES SOUPLES POUR LE TRANSPORT DE PRODUITS FLUIDES BIO-PHARMACEUTIQUES</b> [54] <b>FLEXIBLE BAGS FOR TRANSPORTING BIOPHARMACEUTICAL FLUID PRODUCTS</b> [72] VALLOT, BERNARD, FR [71] STEDIM S.A., FR [85] 2000-03-14 [86] 1999-07-13 (PCT/FR99/01711) [87] 2000-01-27 (WO00/04131) [30] FR (98/09244) 1998-07-16</p>	

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[25] FR  
[54] **COMPOSE ASSURANT L'INHIBITION DE LA PRESENILINE 1 POUR LA PREPARATION D'UN MEDICAMENT ET AGENT DE DIAGNOSTIC**  
[54] **COMPOUND INHIBITING PRESENILIN 1 FOR PREPARING A MEDICINE AND A DIAGNOSTIC AGENT**  
[72] AMSON, ROBERT, FR  
[72] TELERMAN, ADAM, FR  
[71] FONDATION JEAN DAUSSET-CEPH, FR  
[85] 2000-03-14  
[86] 1998-06-29 (PCT/FR98/01387)  
[87] 1999-03-25 (WO99/13908)  
[30] FR (97/11450) 1997-09-15

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[13] A1  
[51] **Int.Cl. 7G10L 11/02**  
[25] FR  
[54] **PROCEDE DE DETECTION D'ACTIVITE VOCALE**  
[54] **METHOD FOR DETECTING SPEECH ACTIVITY**  
[72] LUBIARZ, STEPHANE, FR  
[72] LOCKWOOD, PHILIP, FR  
[71] MATRA NORTEL COMMUNICATIONS, FR  
[85] 2000-03-15  
[86] 1998-09-16 (PCT/FR98/01979)  
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[13] A1  
[51] **Int.Cl. 7G10L 21/00**  
[25] FR  
[54] **PROCEDE DE CONDITIONNEMENT D'UN SIGNAL DE PAROLE NUMERIQUE**  
[54] **METHOD FOR CONDITIONING A DIGITAL SPEECH SIGNAL**  
[72] LUBIARZ, STEPHANE, FR  
[72] LOCKWOOD, PHILIP, FR  
[71] MATRA NORTEL COMMUNICATIONS, FR  
[85] 2000-03-15  
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[13] A1  
[51] **Int.Cl. 7G10L 21/02**  
[25] FR  
[54] **PROCEDE DE DEBRUITAGE D'UN SIGNAL DE PAROLE NUMERIQUE**  
[54] **METHOD FOR SUPPRESSING NOISE IN A DIGITAL SPEECH SIGNAL**  
[72] LUBIARZ, STEPHANE, FR  
[72] LOCKWOOD, PHILIP, FR  
[71] MATRA NORTEL COMMUNICATIONS, FR  
[85] 2000-03-15  
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[87] 1999-03-25 (WO99/14739)  
[30] FR (97/11642) 1997-09-18

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[13] A1  
[51] **Int.Cl. 7H01H 1/00**  
[25] EN  
[54] **METHOD FOR REQUESTING AND TRANSFERRING INFORMATION IN A DIGITAL AUDIO BROADCASTING SYSTEM**  
[54] **PROCEDE DE DEMANDE ET DE TRANSFERT D'INFORMATION DANS UN SYSTEME DE RADIODIFFUSION AUDIONUMERIQUE**  
[72] KARLSSON, PIERRE, SE  
[72] REBHAN, RICHARD, SE  
[72] POHJANVUORI, TIMO, SE  
[72] RUOTTINEN, PER, SE  
[72] OSSFELDT, JAN, SE  
[71] TERACOM AB, SE  
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[13] A1  
[51] **Int.Cl. 7B01J 8/06 7C07H 21/04**  
[25] EN  
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[54] **APPAREIL ET PROCEDES PERMETTANT D'ISOLER UN ACIDE NUCLEIQUE**  
[72] HEATH, ELLEN M., US  
[72] SHUMAN, RUTH M., US  
[71] GENTRA SYSTEMS, INC., US  
[85] 2000-03-16  
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[13] A1  
[51] **Int.Cl. 7F04C 18/02**  
[25] FR  
[54] **POMPE A VIDE A SPIRALES**  
[54] **SPIRAL VACUUM PUMP**  
[72] GIGON, RENE, CH  
[71] ATELIERS BUSCH S.A., CH  
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[13] A1  
[51] **Int.Cl. 7G02B 5/20 7G02B 6/12**  
[25] EN  
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[54] **STRUCTURE A LARGEUR DE BANDE INTERDITE PHOTONIQUE METALLO-DIELECTRIQUE TRANSPARENTE**  
[72] SCALORA, MICHAEL, US  
[71] SCALORA, MICHAEL, US  
[85] 2000-03-16  
[86] 1998-09-16 (PCT/US98/19129)  
[87] 1999-04-01 (WO99/15922)  
[30] US (08/931,756) 1997-09-16

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[13] A1  
[51] **Int.Cl. 7G06F 17/30**  
[25] EN  
[54] **METHOD AND SYSTEM FOR DATABASE APPLICATION SOFTWARE CREATION REQUIRING MINIMAL PROGRAMMING**  
[54] **PROCEDE ET SYSTEME DE CREATION DE LOGICIEL D'APPLICATION POUR BASE DE DONNEES REQUERANT UNE PROGRAMMATION MINIMALE**  
[72] WALKER, JEFFREY L., US  
[71] TENFOLD CORPORATION, US  
[85] 2000-03-16  
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[13] A1

[51] **Int.Cl. 7A61K 9/19 7A61K 47/18 7A61K 47/26**  
[25] FR  
[54] **COMPOSITION PHARMACEUTIQUE PLACEBO LYOPHILISABLE DESTINEE A IMITER UN MEDICAMENT, NOTAMMENT A BASE DE PROTEINES OU DE POLYPEPTIDES**  
[54] **FREEZE-DRIED PLACEBO PHARMACEUTICAL COMPOSITION DESIGNED TO IMITATE A MEDICINE, IN PARTICULAR BASED ON PROTEINS OR POLYPEPTIDES**  
[72] SCHMITTHAUESLER, ROLAND, FR  
[72] BARDAT, ANNIE, FR  
[71] LABORATOIRE FRANCAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, FR  
[85] 2000-03-17  
[86] 1998-09-14 (PCT/FR98/01956)  
[87] 1999-03-25 (WO99/13866)  
[30] FR (97/11626) 1997-09-18

[21] **2,304,023**  
[13] A1

[51] **Int.Cl. 7F02M 25/07**  
[25] EN  
[54] **SYSTEM FOR RECIRCULATING EXHAUST GAS IN AN INTERNAL COMBUSTION ENGINE**  
[54] **DISPOSITIF POUR LE RECYCLAGE DES GAZ D'ECHAPPEMENT DANS UN MOTEUR A COMBUSTION INTERNE**  
[72] JESSBERGER, THOMAS, DE  
[71] FILTERWERK MANN & HUMMEL GMBH, DE  
[85] 2000-03-16  
[86] 1998-09-12 (PCT/EP98/05820)  
[87] 1999-03-25 (WO99/14477)  
[30] DE (197 40 584.3) 1997-09-16

[21] **2,304,024**  
[13] A1

[51] **Int.Cl. 7A63C 11/02**  
[25] FR  
[54] **DISPOSITIF POUR TRANSPORTER UNE PAIRE DE SKIS AVEC LEURS BATONS**  
[54] **DEVICE FOR TRANSPORTING A PAIR OF SKIS WITH THEIR POLES**  
[72] RIESCO, CHRISTIAN, FR  
[71] RIESCO, CHRISTIAN, FR  
[85] 2000-03-20  
[86] 1999-07-22 (PCT/FR99/01810)  
[87] 2000-02-03 (WO00/04966)  
[30] FR (98/09394) 1998-07-22

[21] **2,304,025**  
[13] A1

[51] **Int.Cl. 7C07C 51/31 7B01J 19/00 7B01D 3/14 7C07C 51/215 7C07C 51/265 7B01D 3/36**  
[25] EN  
[54] **METHODS AND REACTOR DEVICES FOR REMOVING CATALYST AFTER OXIDATION OF HYDROCARBONS**  
[54] **PROCEDES ET DISPOSITIFS DE REACTEUR PERMETTANT DE RETIRER UN CATALYSEUR APRES UNE OXYDATION D'HYDROCARBURES**  
[72] DASSEL, MARK W., US  
[72] ROSTAMI, ADER M., US  
[72] VASSILIOU, EUSTATHIOS, US  
[72] DE COSTER, DAVID C., US  
[71] RPC INC., DE  
[85] 2000-03-16  
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[87] 1999-03-25 (WO99/14179)  
[30] US (08/931,035) 1997-09-16

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[13] A1

[51] **Int.Cl. 7B44F 9/04 7E04D 3/32**  
[25] FR  
[54] **ELEMENT DE COUVERTURE DE TOITURE PREFABRIQUE**  
[54] **PREFABRICATED ROOFING ELEMENT**  
[72] COCAULT, ALAIN, FR  
[71] SCIEL SOCIETE DE CREATION INTEGRALE POUR ENTREPRISE ET LOISIRS, FR  
[85] 2000-03-20  
[86] 1998-10-13 (PCT/FR98/02187)  
[87] 1999-04-22 (WO99/19154)  
[30] FR (97/12829) 1997-10-14

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[13] A1

[51] **Int.Cl. 7D21C 7/00**  
[25] EN  
[54] **PULP PRODUCTION METHOD AND APPARATUS**  
[54] **PROCEDE ET APPAREIL DE FABRICATION DE PATE**  
[72] KROTOV, VLADIMIR, AU  
[71] MELVILLE, GORDON BROWN, GB  
[85] 2000-03-15  
[86] 1998-09-14 (PCT/GB98/02712)  
[87] 1999-03-25 (WO99/14424)  
[30] GB (9719479.9) 1997-09-15  
[30] GB (9807593.0) 1998-04-08  
[30] GB (9819865.8) 1998-09-14

[21] **2,304,029**  
[13] A1

[51] **Int.Cl. 7G07F 17/30 7G09B 15/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR SIMULATING A JAM SESSION AND INSTRUCTING A USER IN HOW TO PLAY THE DRUMS**  
[54] **PROCEDE ET APPAREILLAGE DESTINES A SIMULER UN CONCERT DE BATTERIE IMPROVISE ET A APPRENDRE A UN UTILISATEUR A JOUER DE LA BATTERIE**  
[72] DEVECKA, JOHN R., US  
[71] DEVECKA, JOHN R., US  
[85] 2000-03-15  
[86] 1997-09-26 (PCT/US97/17344)  
[87] 1998-04-02 (WO98/13820)  
[30] US (08/720,295) 1996-09-26

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[13] A1

[51] **Int.Cl. 7B22F 1/02 7B22F 1/00 7B22F 5/00 7B22F 9/28**  
[25] EN  
[54] **METAL POWDER**  
[54] **POUDRE DE METAL**  
[72] ITO, TAKAYUKI, JP  
[72] TAKATORI, HIDEO, JP  
[71] TOHO TITANIUM CO., LTD., JP  
[85] 2000-03-15  
[86] 1999-07-13 (PCT/JP99/03781)  
[87] 2000-01-27 (WO00/03823)  
[30] JP (10/200309) 1998-07-15

[21] **2,304,031**  
[13] A1

[51] **Int.Cl. 7B65H 39/10**  
[25] EN  
[54] **APPARATUS AND METHOD FOR INVERTING, STAGING AND DIVERTING SHEET ARTICLES**  
[54] **APPAREIL ET PROCEDE PERMETTANT D'INVERSER, ORGANISER ET DEVIER DES MATERIAUX DE TYPE FEUILLE**  
[72] DRISCOLL, JAMES N., US  
[72] MOSER, JAMES R., US  
[72] DUDASH, DONALD, US  
[72] SKVORETZ, DAVID M., US  
[71] BELL & HOWELL MAIL PROCESSING SYSTEMS COMPANY, US  
[85] 2000-03-15  
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[13] A1

[51] **Int.Cl. 7F41H 5/04**  
[25] EN  
[54] **RAPID FABRIC FORMING FOR PENETRATION RESISTANT FABRIC**  
[54] **PROCEDE DE FORMATION RAPIDE DE TISSUS RESISTANT A LA PENETRATION**  
[72] YNGVE, PAUL WESLEY, US  
[72] POPPER, PETER, US  
[72] WALKER, WILLIAM CHARLES, US  
[72] TAM, ALBERT, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-03-15  
[86] 1998-04-22 (PCT/US98/07767)  
[87] 1999-04-29 (WO99/20973)  
[30] US (08/953,360) 1997-10-17

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[21] **2,304,033**  
[13] A1

[51] **Int.Cl. 7C11D 3/30 7C11D 17/00 7C11D 3/395**  
[25] EN  
[54] **BLEACHING ACTIVATORS BASED ON AMMONIUM NITRILE IN THE FORM OF COATED GRANULES**  
[54] **ACTIVATEURS DE BLANCHIMENT A BASE DE NITRILE D'AMMONIUM SOUS FORME DE GRANULES ENROBES**  
[72] REINHARDT, GERD, DE  
[72] LÿFFLER, MATTHIAS, DE  
[71] CLARIANT GMBH, DE  
[85] 2000-03-15  
[86] 1998-09-05 (PCT/EP98/05629)  
[87] 1999-03-25 (WO99/14296)  
[30] DE (197 40 669.6) 1997-09-16

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[21] **2,304,034**  
[13] A1

[51] **Int.Cl. 7C11D 3/37 7C08G 73/02**  
[25] EN  
[54] **LAUNDRY DETERGENT COMPOSITIONS WITH CYCLIC AMINE BASED POLYMERS TO PROVIDE APPEARANCE AND INTEGRITY BENEFITS TO FABRICS LAUNDERED THEREWITH**  
[54] **COMPOSITIONS DE DETERGENT A LESSIVE COMPORTANT DES POLYMERES D'AMINES CYCLIQUES, QUI CONFERENT UN ASPECT ET UNE INTEGRITE AVANTAGEUX AUX TISSUS LAVES A L'AIDE DE CELLES-CI**  
[72] RANDALL, SHERRI LYNN, US  
[72] HILDEBRANDT, SOREN, DE  
[72] GOSSELINK, EUGENE PAUL, US  
[72] WERTZ, WILLIAM CONRAD, US  
[72] PANANDIKER, RAJAN KESHAV, US  
[72] KAPPES, ELISABETH, DE  
[72] BOECKH, DIETER, DE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-03-15  
[86] 1998-09-15 (PCT/US98/19143)  
[87] 1999-03-25 (WO99/14300)  
[30] US (60/058,931) 1997-09-15

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[21] **2,304,035**  
[13] A1

[51] **Int.Cl. 7C11D 3/395 7C11D 1/02 7C11D 3/37**  
[25] EN  
[54] **CLEANING COMPOSITIONS**  
[54] **COMPOSITIONS DE NETTOYAGE**  
[72] HEINZMAN, STEPHEN WAYNE, GB  
[72] BROOKER, ALAN THOMAS, GB  
[72] FIGUEROA, FRANCISCO RAMON, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-03-15  
[86] 1998-09-17 (PCT/IB98/01443)  
[87] 1999-03-25 (WO99/14304)  
[30] GB (9719779.2) 1997-09-18

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[21] **2,304,036**  
[13] A1

[51] **Int.Cl. 7C11D 3/395 7D06L 3/12 7C11D 3/37**  
[25] EN  
[54] **CLEANING COMPOSITIONS**  
[54] **COMPOSITIONS DE NETTOYAGE**  
[72] FIGUEROA, FRANCISCO RAMON, GB  
[72] HEINZMAN, STEPHEN WAYNE, GB  
[72] BROOKER, ALAN THOMAS, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-03-15  
[86] 1998-09-17 (PCT/IB98/01440)  
[87] 1999-03-25 (WO99/14303)  
[30] GB (9719779.2) 1997-09-18

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[21] **2,304,037**  
[13] A1

[51] **Int.Cl. 7C07D 311/58 7A61K 31/495 7A61K 31/535**  
[25] EN  
[54] **SUBSTITUTED CHROMAN DERIVATIVES**  
[54] **DERIVES DE CHROMANE SUBSTITUES**  
[72] NYLOF, MARTIN, SE  
[72] BERG, STEFAN, SE  
[72] ROSS, SVANTE, SE  
[72] THORBERG, SETH-OLOV, SE  
[71] ASTRAZENECA AKTIEBOLAG, SE  
[85] 2000-03-17  
[86] 1998-09-09 (PCT/SE98/01603)  
[87] 1999-03-25 (WO99/14212)  
[30] SE (9703377-3) 1997-09-18

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[21] **2,304,038**  
[13] A1

[51] **Int.Cl. 7C11D 3/37 7C11D 3/395**  
[25] EN  
[54] **BLEACHING AGENT**  
[54] **AGENT DE BLANCHIMENT**  
[72] HEINZMAN, STEPHEN WAYNE, GB  
[72] OUBRAHIM, YOUSSEF, BE  
[72] ROWLAND, GEOFFREY WILLIAM, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-03-15  
[86] 1998-09-17 (PCT/IB98/01438)  
[87] 1999-03-25 (WO99/14298)  
[30] GB (9719779.2) 1997-09-18

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,304,039</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C03B 7/086</b> [25] EN [54] <b>APPARATUS FOR HANDLING MOLTEN GLASS</b> [54] <b>APPAREIL DE MANIPULATION DE VERRE LIQUIDE</b> [72] PEARSON, ANDREW GEORGE NEISH, GB [71] BH-F (ENGINEERING) LIMITED, GB [85] 2000-03-17 [86] 1998-09-17 (PCT/GB98/02815) [87] 1999-03-25 (WO99/14166) [30] GB (97198725.5) 1997-09-18</p>	<p style="text-align: right;">[21] <b>2,304,044</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B66F 9/24 7G01R 31/00</b> [25] EN [54] <b>DIAGNOSING MALFUNCTIONS IN MATERIALS HANDLING VEHICLES</b> [54] <b>DIAGNOSTIC DE FONCTIONNEMENT DEFECTUEUX POUR VEHICULES DE MANUTENTION</b> [72] MEIRING, DONALD T., US [72] GASKELL, JAMES W., US [72] WELLMAN, TIMOTHY A., US [71] CROWN EQUIPMENT CORPORATION, US [85] 2000-03-17 [86] 1998-09-28 (PCT/US98/20236) [87] 1999-04-08 (WO99/16697) [30] US (60/060,487) 1997-09-30</p>	<p style="text-align: right;">[21] <b>2,304,047</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B42F 13/16</b> [25] EN [54] <b>BINDING ELEMENT</b> [54] <b>ELEMENT DE RELIURE</b> [72] BAUMANN, MANFRED, CH [71] IBICO TRADING GMBH, CH [85] 2000-03-17 [86] 1998-09-14 (PCT/CH98/00392) [87] 1999-03-25 (WO99/14059) [30] CH (2194/97) 1997-09-17</p>
<p style="text-align: right;">[21] <b>2,304,041</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04L 9/32</b> [25] EN [54] <b>METHOD FOR IMAGE PROCESSING TO FACILITATE COPY PROTECTION</b> [54] <b>PROCEDE DE TRAITEMENT D'IMAGE FACILITANT LA PROTECTION CONTRE LA COPIE</b> [72] LEIGHTON, F. THOMSON, US [71] LEIGHTON, F. THOMSON, US [85] 2000-03-15 [86] 1999-07-19 (PCT/US99/16515) [87] 2000-01-27 (WO00/04422) [30] US (09/120,023) 1998-07-17</p>	<p style="text-align: right;">[21] <b>2,304,045</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01R 33/20 7G06F 7/00 7H01L 49/00 7H03K 19/08 7H01L 41/12</b> [25] EN [54] <b>ELECTRON DEVICES FOR SINGLE ELECTRON AND NUCLEAR SPIN MEASUREMENT</b> [54] <b>DISPOSITIFS ELECTRONIQUES PERMETTANT DE MESURER LE SPIN UNIQUE D'UN ELECTRON ET D'UN NOYAU</b> [72] KANE, BRUCE, AU [71] UNISEARCH LIMITED, AU [85] 2000-03-15 [86] 1998-09-17 (PCT/AU98/00778) [87] 1999-03-25 (WO99/14614) [30] AU (PO 9268) 1997-09-17</p>	<p style="text-align: right;">[21] <b>2,304,048</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E05C 3/06</b> [25] EN [54] <b>APPARATUS AND METHOD FOR MOUNTING LATCHING DEVICES</b> [54] <b>PROCEDE ET DISPOSITIF DE MONTAGE DE DISPOSITIFS DE VERROUILLAGE</b> [72] WEUTHEN, J. THOMAS, DE [72] GLASER, GERALD, GB [71] SOUTHCO, INC., US [85] 2000-03-17 [86] 1998-08-27 (PCT/US98/17659) [87] 1999-03-25 (WO99/14458) [30] US (08/931,993) 1997-09-17</p>
<p style="text-align: right;">[21] <b>2,304,042</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 31/465 7A61K 9/00 7A61K 9/70</b> [25] EN [54] <b>NICOTINE COMPOSITIONS AND METHODS OF FORMULATION THEREOF</b> [54] <b>COMPOSITIONS DE NICOTINE ET LEUR PROCEDE DE FORMULATION</b> [72] ANDERSSON, SVEN BORJE, SE [72] LANDH, TOMAS, SE [72] JONN, STEFAN, SE [71] PHARMACIA &amp; UPJOHN AB, SE [85] 2000-03-17 [86] 1998-09-15 (PCT/SE98/01632) [87] 1999-04-01 (WO99/15171) [30] SE (9703458-1) 1997-09-25</p>	<p style="text-align: right;">[21] <b>2,304,046</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F01B 21/04 7F02M 25/10</b> [25] EN [54] <b>CLEAN AIR ENGINES FOR TRANSPORTATION AND OTHER POWER APPLICATIONS</b> [54] <b>MOTEURS A AIR NON POLLUANTS DESTINES AUX TRANSPORTS OU A D'AUTRES APPLICATIONS MOTRICES</b> [72] VITERI, FERMIN, US [71] VITERI, FERMIN, US [85] 2000-03-17 [86] 1997-09-22 (PCT/US97/17006) [87] 1999-04-01 (WO99/15762)</p>	<p style="text-align: right;">[21] <b>2,304,049</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B65B 61/20 7B65B 51/04 7B31B 1/84</b> [25] EN [54] <b>APPARATUS FOR ATTACHING A RECLOSABLE FASTENER TO A FLEXIBLE MATERIAL</b> [54] <b>APPAREIL PERMETTANT DE FIXER UN ELEMENT DE FERMETURE DE TYPE A GLISSIERE ET PRESSION A UN MATERIAU SOUPLE</b> [72] SIEBERT, LESTER, US [72] WRIGHT, DONALD K., US [72] BODOLAY, WILLIAM A., US [71] LAKELAND MICRO, INC., US [85] 2000-03-17 [86] 1999-07-16 (PCT/US99/16116) [87] 2000-01-27 (WO00/03917) [30] US (09/118,575) 1998-07-17</p>

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[21] **2,304,050**  
[13] A1

[51] **Int.Cl. 7H04Q 7/38**  
[25] EN  
[54] **ADVANCED METHOD FOR EXECUTING HANDOVER**  
[54] **PROCEDE AVANCE D'EXECUTION DE TRANSFERT**  
[72] LAAKSONEN, NIINA, FI  
[72] LAPPETELÄINEN, ANTTI, FI  
[72] SALONAHO, OSCAR, FI  
[72] HÄMÄLÄINEN, SEPPO, FI  
[71] NOKIA MOBILE PHONES LTD., FI  
[85] 2000-03-15  
[86] 1998-09-16 (PCT/FI98/00727)  
[87] 1999-03-25 (WO99/14972)  
[30] FI (973718) 1997-09-17

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[21] **2,304,052**  
[13] A1

[51] **Int.Cl. 7C07C 259/18 7C07D 333/24 7A01N 37/52**  
[25] EN  
[54] **NOVEL BENZAMIDOXIM DERIVATIVES, INTERMEDIATE PRODUCTS AND METHODS FOR PREPARING THEM, AND THEIR USE AS FUNGICIDES**  
[54] **NOUVEAUX DERIVES DE BENZAMIDOXIME, PRODUITS INTERMEDIAIRES ET PROCEDES POUR LES PREPARER ET LEUR UTILISATION COMME FONGICIDES**  
[72] WETTERICH, FRANK, DE  
[72] AMMERMANN, EBERHARD, DE  
[72] EICKEN, KARL, DE  
[72] LORENZ, GISELA, DE  
[72] RHEINHEIMER, JOACHIM, DE  
[72] STRATHMANN, SIEGFRIED, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-03-15  
[86] 1998-09-05 (PCT/EP98/05618)  
[87] 1999-03-25 (WO99/14188)  
[30] DE (19741098.7) 1997-09-18  
[30] DE (19753520.8) 1997-12-03  
[30] DE (19802460.6) 1998-01-23

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[21] **2,304,053**  
[13] A1

[51] **Int.Cl. 7A43C 3/00**  
[25] EN  
[54] **A LACING HOOK FOR LACED FASTENINGS**  
[54] **CROCHET DE LACAGE POUR ELEMENTS DE FIXATION LACES**  
[72] GALLO, TIZIANO, IT  
[72] BISSACCO, RINO, IT  
[71] GALLO, TIZIANO, IT  
[71] BISSACCO, RINO, IT  
[85] 2000-03-15  
[86] 1998-09-03 (PCT/EP98/05593)  
[87] 1999-04-01 (WO99/15043)  
[30] IT (PD97A000211) 1997-09-19

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[21] **2,304,054**  
[13] A1

[51] **Int.Cl. 7C09D 4/06 7C08F 291/00 7C08F 257/02 7C08F 265/06**  
[25] EN  
[54] **MATERIALS WHICH CAN BE THERMALLY COATED WITH A POLYMERIZABLE COMPONENT**  
[54] **MATIERES THERMOTRANSFORMABLES EN FILM ET COMPORTANT UN CONSTITUANT POLYMERISABLE (PLASTISOLS REACTIFS)**  
[72] KERSCHER, VOLKER, DE  
[72] SUFKE, THOMAS, DE  
[71] RÿHM GMBH, DE  
[85] 2000-03-17  
[86] 1998-09-16 (PCT/EP98/05880)  
[87] 1999-04-01 (WO99/15592)  
[30] DE (197 41 614.4) 1997-09-20  
[30] DE (198 27 384.3) 1998-06-19

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[21] **2,304,056**  
[13] A1

[51] **Int.Cl. 7C07C 401/00 7C07J 9/00 7A61P 5/00 7A61P 3/02 7A61P 3/10 7A61P 19/10 7A61P 25/28 7A61K 31/575 7A61K 31/593**  
[25] EN  
[54] **THERAPEUTICALLY EFFECTIVE 1.ALPHA., 25-DIHYDROXYVITAMIN D3 ANALOGS**  
[54] **ANALOGUES DE 1.ALPHA.,25-DIHYDROXYVITAMINE D3 THERAPEUTIQUEMENT EFFICACES**  
[72] NORMAN, ANTHONY W., US  
[72] OKAMURA, WILLIAM H., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-03-17  
[86] 1998-09-23 (PCT/US98/19862)  
[87] 1999-04-08 (WO99/16452)  
[30] US (60/060,173) 1997-09-26  
[30] US (09/073,723) 1998-05-07  
[30] US (09/074,565) 1998-05-07

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[21] **2,304,057**  
[13] A1

[51] **Int.Cl. 7G10L 15/00**  
[25] EN  
[54] **SYSTEM AND METHOD USING NATURAL LANGUAGE UNDERSTANDING FOR SPEECH CONTROL APPLICATION**  
[54] **SYSTEME ET PROCEDE UTILISANT LA COMPREHENSION D'UN LANGAGE NATUREL AFIN DE L'APPLIQUER A UNE COMMANDE VOCALE**  
[72] DIEDRICHS, RAYMOND ALAN, US  
[72] BLUE, REGINALD VICTOR, US  
[72] WALSH, JOSEPH PATRICK, US  
[72] SCHOLZ, KARL WILMER, US  
[71] UNISYS CORPORATION, US  
[85] 2000-03-15  
[86] 1998-09-17 (PCT/US98/19433)  
[87] 1999-03-25 (WO99/14743)  
[30] US (08/932,938) 1997-09-17

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,304,058</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07H 17/08 7A61K 31/70</b> [25] EN [54] <b>CYCLIC PHOSPHITES AND PHOSPHATES</b> [54] <b>PHOSPHITES ET PHOSPHATES CYCLIQUES</b> [72] OR, YAT SUN, US [72] CLARK, RICHARD F., US [72] CHU, DANIEL T., US [71] ABBOTT LABORATORIES, US [85] 2000-03-15 [86] 1998-09-15 (PCT/US98/19243) [87] 1999-04-08 (WO99/16778) [30] US (08/938,143) 1997-09-26</p>	<p style="text-align: right;">[21] <b>2,304,062</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 5/91 7G06K 9/00 7H04N 7/00</b> [25] EN [54] <b>IMAGE IDENTIFICATION AND DELIVERY SYSTEM</b> [54] <b>SYSTEME D'IDENTIFICATION ET DE DISTRIBUTION D'IMAGE</b> [72] KESELBRENER, MICHEL, IL [72] NEMET, YARON, IL [72] SHNIBERG, MOTI, IL [71] IMAGEID LTD., IL [85] 2000-03-16 [86] 1999-07-13 (PCT/IL99/00385) [87] 2000-01-27 (WO00/04711) [30] IL (125384) 1998-07-16 [30] IL (130121) 1999-05-24</p>	<p style="text-align: right;">[21] <b>2,304,066</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G05B 19/42</b> [25] EN [54] <b>METHOD AND SYSTEM FOR INTERACTIVELY DEVELOPING A GRAPHICAL CONTROL-FLOW AND ASSOCIATED APPLICATION SOFTWARE FOR MACHINE VISION SYSTEM</b> [54] <b>PROCEDE ET SYSTEME DE MISE AU POINT INTERACTIVE D'UN FLUX DE COMMANDE GRAPHIQUE ET DE L'APPLICATIF ASSOCIE DESTINE A UN SYSTEME VISIONIQUE</b> [72] MEYER, FRANK, US [71] INTEGRAL VISION, INC., US [85] 2000-03-16 [86] 1998-08-18 (PCT/US98/17066) [87] 1999-03-25 (WO99/14646) [30] US (08/931,227) 1997-09-16</p>
<p style="text-align: right;">[21] <b>2,304,059</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01L 3/00 7G01N 21/03 7G01N 21/25</b> [25] EN [54] <b>APPARATUS FOR PERFORMING PHOTOMETRIC ASSAYS</b> [54] <b>DISPOSITIF DE REALISATION D'ESSAIS PHOTOMETRIQUES</b> [72] COMLEY, JOHN CHARLES WILLIAM, FI [72] LEGGE, COULTON HEATH, GB [72] YANG, LI QUN, GB [71] GLAXO GROUP LIMITED, GB [85] 2000-03-15 [86] 1998-09-15 (PCT/EP98/05838) [87] 1999-03-25 (WO99/13986) [30] GB (9719673.7) 1997-09-17</p>	<p style="text-align: right;">[21] <b>2,304,064</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C22B 7/02</b> [25] EN [54] <b>RECOVERY OF LEAD FROM FLUE DUSTS</b> [54] <b>RECUPERATION DU PLOMB CONTENU DANS LES POUSSIERES DE CARNEAU</b> [72] GUIMONT, JEAN, CA [72] PINARD, DENYS, CA [71] NORANDA INC., CA [85] 2000-03-16 [86] 1998-09-30 (PCT/CA98/00926) [87] 1999-04-15 (WO99/18248) [30] US (08/942,546) 1997-10-01</p>	<p style="text-align: right;">[21] <b>2,304,069</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61L 9/20 7A61L 9/015</b> [25] EN [54] <b>METHOD AND APPARATUS FOR REMOVING CONTAMINANTS FROM A CONTAMINATED AIR STREAM</b> [54] <b>PROCEDE ET APPAREIL D'ELIMINATION DE CONTAMINANTS D'UN COURANT D'AIR CONTAMINE</b> [72] NELSON, JERRY, US [72] ANDREWS, CRAIG, US [71] ECO-AIRE COMPANY, INC., US [85] 2000-03-16 [86] 1998-09-15 (PCT/US98/18482) [87] 1999-03-25 (WO99/13956) [30] US (08/932,101) 1997-09-17</p>
<p style="text-align: right;">[21] <b>2,304,061</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07D 239/62 7C07H 1/00 7C07H 5/06 7C08J 7/16 7C07H 15/18 7C07H 15/26</b> [25] EN [54] <b>PROTECTING AND LINKING GROUPS FOR ORGANIC SYNTHESIS</b> [54] <b>GROUPE PROTECTEURS ET DE LIAISON POUR LA SYNTHÈSE ORGANIQUE</b> [72] KELLAM, BARRY, GB [72] DEKANY, GYULA, GB [72] TOTH, ISTVAN, AU [71] ALCHEMIA PTY. LTD., AU [85] 2000-03-15 [86] 1998-09-24 (PCT/AU98/00808) [87] 1999-04-01 (WO99/15510) [30] AU (PO 9375) 1997-09-24 [30] US (60/061,987) 1997-10-14</p>	<p style="text-align: right;">[21] <b>2,304,065</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C22C 38/00 7C22C 38/12 7C22C 38/16</b> [25] EN [54] <b>HIGH-STRENGTH STEEL PLATE REDUCED IN SOFTENING IN WELD HEAT-AFFECTED ZONE</b> [54] <b>TOLE D'ACIER DE TENUE MECANIQUE ELEVEE, A ADOUCISSEMENT REDUIT EN ZONE AFFECTEE PAR UNE CHALEUR DE SOUDAGE</b> [72] TOMOKIYO, TOSHIMASA, JP [72] TANIGUCHI, HIROKAZU, JP [72] MARUTA, RYO, JP [71] NIPPON STEEL CORPORATION, JP [85] 2000-03-16 [86] 1999-07-15 (PCT/JP99/03823) [87] 2000-01-27 (WO00/04200) [30] JP (10/202073) 1998-07-16 [30] JP (11/107587) 1999-04-15 [30] JP (11/107588) 1999-04-15</p>	<p style="text-align: right;">[21] <b>2,304,070</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61L 2/10 7A61L 2/00 7A61L 2/08</b> [25] EN [54] <b>METHOD AND APPARATUS FOR PRODUCING PURIFIED OR OZONE ENRICHED AIR</b> [54] <b>PROCEDE ET APPAREIL POUR PRODUIRE DE L'AIR ENRICHÉ EN OZONE OU PURIFIÉ</b> [72] NELSON, JERRY, US [72] ANDREWS, CRAIG, US [71] ECO-AIRE COMPANY, INC., US [85] 2000-03-16 [86] 1998-09-18 (PCT/US98/19633) [87] 1999-03-25 (WO99/13922) [30] US (60/059,284) 1997-09-18 [30] US (60/094,574) 1998-07-29</p>



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,304,071</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01R 39/06</b> [25] EN [54] <b>CARBON COMMUTATOR COLLECTEUR EN CARBONE</b> [72] BAUER, WILLIAM A., US [72] ZIEGLER, WILLIAM A., US [71] MCCORD WINN TEXTRON INC., US [85] 2000-03-16 [86] 1998-07-31 (PCT/US98/15736) [87] 1999-04-15 (WO99/18637) [30] US (08/937,307) 1997-10-03</p>	<p style="text-align: right;">[21] <b>2,304,074</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01N 59/14 7A01N 25/00</b> [25] EN [54] <b>METHODS AND COMPOSITIONS TO CONTROL TEPHRITIDAE FRUIT FLIES</b> [54] <b>PROCEDES ET COMPOSITIONS DE LUTTE CONTRE LES MOUCHES A FRUITS TEPHRITIDAE</b> [72] NIGG, HERBERT N., US [71] UNIVERSITY OF FLORIDA, US [85] 2000-03-16 [86] 1997-09-16 (PCT/US97/16475) [87] 1999-03-25 (WO99/13724)</p>	<p style="text-align: right;">[21] <b>2,304,077</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A22B 5/00 7A22B 7/00</b> [25] EN [54] <b>TROLLEY IDENTIFICATION SYSTEM</b> [54] <b>SYSTEME D'IDENTIFICATION DE CHARIOT</b> [72] BOATNER, BUCK, US [71] ADVANCED AUTOMATION SYSTEMS INC., CA [85] 2000-03-16 [86] 1998-02-20 (PCT/CA98/00134) [87] 1998-08-27 (WO98/36645) [30] US (60/039679) 1997-02-21</p>
<p style="text-align: right;">[21] <b>2,304,072</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21F 3/02</b> [25] EN [54] <b>IMPROVEMENTS IN EXTENDED NIP PRESS BELTS</b> [54] <b>AMELIORATIONS RELATIVES AUX COURROIES DE PRESSE AVEC ZONE DE PRESSION ETENDUE</b> [72] JEFFERY, JOHN, GB [72] SAYERS, IAN CHRISTISON, GB [71] SCAPA GROUP PLC, GB [85] 2000-03-16 [86] 1998-09-10 (PCT/GB98/02735) [87] 1999-03-25 (WO99/14426) [30] GB (9719748.7) 1997-09-18</p>	<p style="text-align: right;">[21] <b>2,304,075</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21F 1/00 7D21F 11/00</b> [25] EN [54] <b>MULTIPLE LAYER FORAMINOUS BELTS WITH FUGITIVE TIE YARNS</b> [54] <b>BANDES PERFOREES MULTICOUCHE A FILS DE LIAISON FUGACE</b> [72] HUSTON, LARRY LEROY, US [72] BOUTILIER, GLENN DAVID, US [72] TROKHAN, PAUL DENNIS, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-03-16 [86] 1998-09-17 (PCT/IB98/01442) [87] 1999-03-25 (WO99/14425) [30] US (08/937,326) 1997-09-18</p>	<p style="text-align: right;">[21] <b>2,304,078</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 13/15</b> [25] EN [54] <b>CONCENTRATING LIQUID ABSORPTION TO THE CENTER OF BREATHABLE ABSORBENT ARTICLES</b> [54] <b>CONCENTRATION DE L'ABSORPTION DE LIQUIDE AU CENTRE D'ARTICLES ABSORBANTS IMPER-RESPIRANTS</b> [72] CARLUCCI, GIOVANNI, IT [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-03-16 [86] 1998-09-11 (PCT/US98/19055) [87] 1999-04-01 (WO99/15122) [30] EP (97116440.5) 1997-09-20</p>
<p style="text-align: right;">[21] <b>2,304,073</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F04B 43/00 7F04B 11/00</b> [25] EN [54] <b>DOUBLE DISC PUMP</b> [54] <b>POMPE A DOUBLE DISQUE</b> [72] APPLEBY, DEREK, GB [71] ALFA LAVAL PUMPS LTD., GB [85] 2000-03-16 [86] 1998-09-14 (PCT/GB98/02776) [87] 1999-03-25 (WO99/14495) [30] GB (9719828.7) 1997-09-17</p>	<p style="text-align: right;">[21] <b>2,304,076</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G09B 9/12 7F15B 11/036</b> [25] EN [54] <b>MOTION-IMPARTING APPARATUS</b> [54] <b>APPAREIL POUVANT IMPRIMER UN MOUVEMENT</b> [72] DENNE, PHILLIP RAYMOND MICHAEL, GB [71] ADVANCED MOTION TECHNOLOGIES LLC, US [85] 2000-03-16 [86] 1998-09-17 (PCT/GB98/02823) [87] 1999-03-25 (WO99/14724) [30] GB (9719739.6) 1997-09-17 [30] GB (9719736.2) 1997-09-17 [30] GB (9719737.0) 1997-09-17 [30] GB (9727446.8) 1997-12-30 [30] GB (9727443.5) 1997-12-30</p>	<p style="text-align: right;">[21] <b>2,304,079</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E04H 6/00</b> [25] FR [54] <b>DISPOSITIF DE STATIONNEMENT POUR CYCLES</b> [54] <b>PARKING DEVICE FOR CYCLES</b> [72] NAUDTS, PATRICK, BE [71] NAUDTS, PATRICK, BE [85] 2000-03-17 [86] 1998-09-21 (PCT/BE98/00138) [87] 1999-04-01 (WO99/15745) [30] BE (9700763) 1997-09-19</p>

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<p style="text-align: right;">[21] <b>2,304,084</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H02J 7/00</b> [25] EN [54] <b>BATTERY CHARGE MAINTENANCE SYSTEM AND METHOD</b> [54] <b>SYSTEME ET PROCEDE DE MAINTIEN DE CHARGE DE BATTERIE</b> [72] DOUGHERTY, THOMAS J., US [72] SEGALL, WILLIAM P., US [72] IVERSON, MICHAEL E., US [71] JOHNSON CONTROLS TECHNOLOGY COMPANY, US [85] 2000-03-16 [86] 1998-09-11 (PCT/US98/18960) [87] 1999-03-25 (WO99/14837) [30] US (08/932,950) 1997-09-17</p>	<p style="text-align: right;">[21] <b>2,304,088</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B21D 49/00 7B23K 37/00 7B23P 23/00 7B21D 53/88</b> [25] EN [54] <b>APPARATUS AND METHOD FOR ENCASING AN OBJECT</b> [54] <b>APPAREIL ET PROCEDE SERVANT A LOGER UN OBJET DANS UNE ENVELOPPE</b> [72] SUSSMILCH, WILFRIED, DE [72] WADSWORTH, MICK, DE [72] BOURES, LEI, DE [71] ARVIN INDUSTRIES, INC., US [85] 2000-03-16 [86] 1998-09-15 (PCT/US98/19147) [87] 1999-03-25 (WO99/14119) [30] DE (297 16 671.9) 1997-09-17 [30] US (60/074,857) 1998-02-17</p>	<p style="text-align: right;">[21] <b>2,304,093</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61L 27/00 7A61L 31/00</b> [25] EN [54] <b>IMPROVED HYDROGEL FOR TISSUE ENGINEERING</b> [54] <b>HYDROGEL AMELIORE POUR CHIRURGIE REPARATRICE</b> [72] NELSON, GORDON P., US [72] OMSTEAD, DANIEL R., US [72] BORLAND, KERMIT M., US [72] ZHOU, TAO, US [71] REPROGENESIS, INC., US [85] 2000-03-17 [86] 1998-09-18 (PCT/US98/19417) [87] 1999-04-01 (WO99/15211) [30] US (60/059,558) 1997-09-19 [30] WO (PCT/US97/22859) 1997-12-10</p>
<p style="text-align: right;">[21] <b>2,304,085</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 7/06 7A61K 7/50</b> [25] EN [54] <b>STABILIZED HAIR CARE PRODUCTS</b> [54] <b>PRODUITS STABILISES POUR LES CHEVEUX</b> [72] PATEL, AMRIT, US [72] SCHWEID, BRET, US [72] ALDRICH, TRACEY, US [71] COLGATE-PALMOLIVE COMPANY, US [85] 2000-03-16 [86] 1998-09-10 (PCT/US98/19286) [87] 1999-03-25 (WO99/13837) [30] US (08/933,521) 1997-09-18</p>	<p style="text-align: right;">[21] <b>2,304,090</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01R 21/133 7G01D 4/00</b> [25] EN [54] <b>UTILITY METER PROVIDING AN INTERFACE BETWEEN A DIGITAL NETWORK AND HOME ELECTRONICS</b> [54] <b>COMPTEUR DE FOURNITURES DE SERVICES PUBLICS ASSURANT UNE INTERFACE ENTRE UN RESEAU NUMERIQUE ET UNE INSTALLATION ELECTRONIQUE DOMESTIQUE</b> [72] ROOS, CHARLES E., US [71] E.J. BARKULOO TRUST, US [85] 2000-03-16 [86] 1997-09-17 (PCT/US97/16426) [87] 1999-03-25 (WO99/14606)</p>	<p style="text-align: right;">[21] <b>2,304,095</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 38/19 7A61K 38/18</b> [25] EN [54] <b>TREATMENT OF VASCULAR GRAFT IMPLANTS WITH G-CSF</b> [54] <b>TRAITEMENT D'IMPLANTS DE GREFFE VASCULAIRE A L'AIDE DU FACTEUR STIMULANT LES COLONIES DE GRANULOCYTES (G-CSF)</b> [72] HAMMOND, WILLIAM P., US [72] SHI, QUN, US [72] WU, MOSES HONG-DE, US [72] WIJELATH, ERROL S., US [71] THE HOPE HEART INSTITUTE, US [85] 2000-03-17 [86] 1998-09-21 (PCT/US98/19530) [87] 1999-03-25 (WO99/13901) [30] US (08/933,648) 1997-09-19</p>
<p style="text-align: right;">[21] <b>2,304,087</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A23J 3/14 7A23J 3/26</b> [25] EN [54] <b>FIBROUS FOOD PRODUCT AND METHOD AND DEVICE FOR ITS PRODUCTION</b> [54] <b>DENREE ALIMENTAIRE FIBREUSE, PROCEDE DE PRODUCTION ET DISPOSITIF CORRESPONDANT</b> [72] BAIT-HALACHMY, ISRAELA, IL [72] ARAD, YOEL, IL [72] SHEMER, MICHA, IL [72] ARBEL, GIL, IL [71] TIVALL (1993) LTD., IL [85] 2000-03-16 [86] 1998-09-17 (PCT/IL98/00457) [87] 1999-03-25 (WO99/13735) [30] IL (121786) 1997-09-17</p>	<p style="text-align: right;">[21] <b>2,304,091</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G05D 7/06 7G05D 25/02 7F16K 31/02 7E03C 1/05 7E03D 5/10 7G01V 8/12 7G01J 1/32</b> [25] EN [54] <b>IMPROVEMENTS IN AUTOMATED FLUID FLOW SYSTEMS</b> [54] <b>AMELIORATIONS RELATIVES AUX SYSTEMES AUTOMATISES D'ECOULEMENT FLUIDIQUE</b> [72] MAYER, ALEXANDER, AU [71] MAYER, ALEXANDER, AU [85] 2000-03-16 [86] 1998-09-18 (PCT/AU98/00775) [87] 1999-03-25 (WO99/14647) [30] AU (PO 9254) 1997-09-18 [30] AU (PP 0311) 1997-11-11</p>	<p style="text-align: right;">[21] <b>2,304,096</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61K 9/127</b> [25] EN [54] <b>SUSTAINED-RELEASE LIPOSOMAL ANESTHETIC COMPOSITIONS</b> [54] <b>COMPOSITIONS ANESTHESIQUES DE LIPOSOMES A LIBERATION PROLONGEE</b> [72] MURDANDE, SHARAD, US [72] KIM, TAEHEE, US [72] KIM, SINIL, US [71] SKYEPHARMA INC., US [85] 2000-03-17 [86] 1998-09-18 (PCT/US98/19583) [87] 1999-03-25 (WO99/13865) [30] US (60/059,233) 1997-09-18</p>

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,304,097</b> [13] A1</p> <p>[51] <b>Int.Cl. 7F25D 17/08</b> [25] EN [54] <b>DUAL-SERVICE EVAPORATOR SYSTEM FOR REFRIGERATORS</b> [54] <b>SYSTEME D'EVAPORATEUR A REGIME MIXTE POUR REFRIGERATEURS</b> [72] KOPKO, WILLIAM L., US [71] GOVERNMENT OF THE UNITED STATES, AS REPRESENTED BY THE ADMINISTRATOR OF, US [85] 2000-03-16 [86] 1998-04-23 (PCT/US98/08155) [87] 1999-04-01 (WO99/15844) [30] US (08/933,832) 1997-09-19</p>	<p style="text-align: center;">[21] <b>2,304,102</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/16 7C07K 19/00 7C12N 5/10 7C12N 1/19 7C12N 1/21 7C07K 16/26 7C07K 14/62 7C07K 14/65 7C12Q 1/68 7G01N 33/74</b> [25] EN [54] <b>INSULIN-LIKE POLYPEPTIDE AND USES THEREFOR</b> [54] <b>POLYPEPTIDE DE TYPE INSULINE ET SES UTILISATIONS</b> [72] GURNEY, AUSTIN L., US [71] GENENTECH, INC., US [85] 2000-03-20 [86] 1998-08-28 (PCT/US98/17888) [87] 1999-04-01 (WO99/15664) [30] US (60/059,836) 1997-09-24</p>	<p style="text-align: center;">[21] <b>2,304,105</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 5/10 7C07K 14/415</b> [25] EN [54] <b>CONTROL POP DEHISCENCE OR SHATTER</b> [54] <b>REGULATION DE LA DEHISCENCE OU DE L'ECLATEMENT DES GOUSSES</b> [72] WHITELAW, CATHERINE, GB [72] PAUL, WYATT, GB [72] ROBERTS, JEREMY ALAN, GB [71] BIOGEMMA UK LIMITED, GB [85] 2000-03-17 [86] 1998-09-21 (PCT/GB98/02850) [87] 1999-04-01 (WO99/15681) [30] GB (9720039.8) 1997-09-19</p>
<p style="text-align: center;">[21] <b>2,304,099</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61F 2/28 7A61L 27/00 7A61F 2/08 7A61F 2/42</b> [25] EN [54] <b>SEGMENTALLY DEMINERALIZED BONE IMPLANT</b> [54] <b>IMPLANT OSSEUX PRESENTANT UN SEGMENT DEMINERALISE</b> [72] CARTER, KEVIN C., US [72] SANDER, THOMAS W., US [72] GROOMS, JAMIE M., US [71] UNIVERSITY OF FLORIDA TISSUE BANK, INC., US [85] 2000-03-17 [86] 1998-10-13 (PCT/US98/21530) [87] 1999-05-06 (WO99/21515) [30] US (08/958,364) 1997-10-27</p>	<p style="text-align: center;">[21] <b>2,304,103</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/82 7A01H 5/00 7C12N 5/10 7C07K 14/415</b> [25] EN [54] <b>CONTROL OF PLANT ABCISSION AND POD DEHISCENCE OR SHATTER</b> [54] <b>LUTTE CONTRE L'ABCISSION DES VEGETAUX ET LA DEHISCENCE OU ECLATEMENT DES GOUSSES</b> [72] WHITELAW, CATHERINE, GB [72] PAUL, WYATT, GB [72] ROBERTS, JEREMY ALAN, GB [71] BIOGEMMA UK LIMITED, GB [85] 2000-03-17 [86] 1998-09-18 (PCT/GB98/02836) [87] 1999-04-01 (WO99/15680) [30] GB (9720038.0) 1997-09-19</p>	<p style="text-align: center;">[21] <b>2,304,106</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C11D 3/37</b> [25] EN [54] <b>WATER SOLUBLE DYE COMPLEXING POLYMERS AS DYE TRANSFER INHIBITORS IN LAUNDRY DETERGENT AND FABRIC SOFTENER COMPOSITIONS</b> [54] <b>POLYMERES DE COMPLEXION TINCTORIALE SOLUBLE DANS L'EAU UTILISES COMME INHIBITEURS DE TRANSFERT PIGMENTAIRE DANS UN DETERGENT A LESSIVE OU DES COMPOSITIONS D'ASSOUPLISSEMENT DE TISSUS</b> [72] SHIH, JENN S., US [72] SRINIVAS, BALA, US [72] HORNBY, JOHN C., US [71] ISP INVESTMENTS INC., US [85] 2000-03-17 [86] 1998-09-08 (PCT/US98/18627) [87] 1999-04-01 (WO99/15614) [30] US (08/932,448) 1997-09-19 [30] US (09/105,630) 1998-06-26 [30] US (09/105,666) 1998-06-26</p>
<p style="text-align: center;">[21] <b>2,304,100</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C07C 233/16 7C07D 263/20 7C07C 251/24 7C07C 271/28 7C07C 317/32</b> [25] EN [54] <b>PROCESS TO PRODUCE OXAZOLIDINONES</b> [54] <b>PROCEDE DE PRODUCTION D'OXAZOLIDINONES</b> [72] PEARLMAN, BRUCE A., US [71] PHARMACIA &amp; UPJOHN COMPANY, US [85] 2000-03-17 [86] 1998-10-13 (PCT/US98/20934) [87] 1999-05-20 (WO99/24393) [30] US (60/064,738) 1997-11-07</p>	<p style="text-align: center;">[21] <b>2,304,104</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C08B 1/00 7C08B 15/00</b> [25] EN [54] <b>PRODUCTION OF MICROCRYSTALLINE CELLULOSE BY REACTIVE EXTRUSION</b> [54] <b>PRODUCTION DE CELLULOSE MICROCRISTALLINE PAR EXTRUSION</b> [72] HANNA, MILFORD, US [72] BIBY, GERALD, US [72] MILADINOV, VESSELIN, US [71] THE BOARD OF REGENTS OF UNIVERSITY OF NEBRASKA, US [85] 2000-03-17 [86] 1998-09-17 (PCT/US98/19394) [87] 1999-04-01 (WO99/15564) [30] US (60/059,398) 1997-09-19 [30] US (09/154,376) 1998-09-16</p>	

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[21] **2,304,107**  
[13] A1

[51] **Int.Cl. 7B27K 3/00 7B27K 5/00**  
[25] EN  
[54] **PROCESS FOR IMPROVING THE IMPREGNABILITY OF WOOD BY PRETREATMENT WITH FUNGI**  
[54] **PROCEDE AMELIORANT LA CAPACITE D'IMPREGNATION DU BOIS EN LES TRAITANT PAR DES CHAMPIGNONS**  
[72] BRUCE, ALAN, GB  
[72] MESSNER, KURT, AT  
[72] FLECK, VINZENZ, AT  
[72] ROSNER, BERNHARD, AT  
[71] LIGNOCELL HOLZ-BIOTECHNOLOGIE GESELLSCHAFT MBH, AT  
[71] UNIVERSITY OF ABERTAY, GB  
[85] 2000-03-17  
[86] 1997-09-19 (PCT/IB97/01130)  
[87] 1999-04-01 (WO99/15321)

[21] **2,304,108**  
[13] A1

[51] **Int.Cl. 7A61K 38/04 7A61K 38/10 7A61K 38/16 7A61K 38/19**  
[25] EN  
[54] **INHIBITION OF APOPTOSIS USING PROSAPOSIN RECEPTOR AGONISTS**  
[54] **INHIBITION DE L'APOPTOSE AU MOYEN D'AGONISTES DU RECEPTEUR DE LA PROSAPOSINE**  
[72] O'BRIEN, JOHN S., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-03-08  
[86] 1998-09-09 (PCT/US98/19216)  
[87] 1999-03-18 (WO99/12559)  
[30] US (60/058,352) 1997-09-09  
[30] US (60/088,129) 1998-06-04

[21] **2,304,109**  
[13] A1

[51] **Int.Cl. 7C12N 15/29 7A01H 5/00 7C12N 9/08 7C12N 5/10 7C12N 9/10 7C12N 9/24 7C07K 14/415 7C07K 14/42 7C12N 15/53 7C12N 15/54 7C12N 15/55 7C12N 15/82 7C07K 14/825**  
[25] EN  
[54] **BANANA PROTEINS, DNA, AND DNA REGULATORY ELEMENTS ASSOCIATED WITH FRUIT DEVELOPMENT**  
[54] **PROTEINES DE BANANE, ADN, ET ELEMENTS REGULATEURS D'ADN ASSOCIES AU DEVELOPPEMENT DU FRUIT**  
[72] MAY, GREGORY, US  
[72] CLENDENNEN, STEPHANIE, US  
[71] BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC., US  
[85] 2000-03-16  
[86] 1998-09-23 (PCT/US98/03343)  
[87] 1999-04-01 (WO99/15668)  
[30] US (60/060,062) 1997-09-25

[21] **2,304,111**  
[13] A1

[51] **Int.Cl. 7H04B 1/00**  
[25] EN  
[54] **METHOD FOR PROVIDING SUBSCRIBER RECORD FOR PACKET DATA REGISTRATION OF MOBILE STATION**  
[54] **PROCEDE PERMETTANT D'ETABLIR UNE MEMOIRE D'ABONNES POUR L'ENREGISTREMENT D'UNE STATION MOBILE**  
[72] PIERCE, JENNIFER A., US  
[72] WILSON, TIMOTHY J., US  
[71] MOTOROLA, INC., US  
[85] 2000-03-22  
[86] 1998-09-30 (PCT/US98/20536)  
[87] 1999-04-08 (WO99/17459)  
[30] US (08/941,383) 1997-09-30

[21] **2,304,112**  
[13] A1

[51] **Int.Cl. 7A61K 31/535**  
[25] EN  
[54] **TREATMENT OF ATTENTION-DEFICIT/HYPERACTIVITY DISORDER**  
[54] **TRAITEMENT DES TROUBLES LIES A L'HYPERACTIVITE ET AU DEFICIT DE L'ATTENTION**  
[72] HEILIGENSTEIN, JOHN HARRISON, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-03-22  
[86] 1998-09-01 (PCT/US98/18139)  
[87] 1999-04-01 (WO99/15177)  
[30] US (60/059,626) 1997-09-23

[21] **2,304,115**  
[13] A1

[51] **Int.Cl. 7A61K 31/535 7A61K 31/135**  
[25] EN  
[54] **TREATMENT OF OPPOSITIONAL DEFIANT DISORDER**  
[54] **TRAITEMENT DES TROUBLES OPPOSITIONNELS AVEC PROVOCATION**  
[72] HEILIGENSTEIN, JOHN HARRISON, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-03-22  
[86] 1998-09-01 (PCT/US98/18114)  
[87] 1999-04-01 (WO99/15176)  
[30] US (60/059,629) 1997-09-23

[21] **2,304,116**  
[13] A1

[51] **Int.Cl. 7A61K 38/05 7C07K 5/00 7A61K 38/06**  
[25] EN  
[54] **PEPTIDE-CONTAINING .ALPHA.-KETOAMIDE CYSTEINE AND SERINE PROTEASE INHIBITORS**  
[54] **INHIBITEURS DE CYSTEINE ET DE SERINE PROTEASES, A BASE D'ALPHA-CETOAMIDES CONTENANT DES PEPTIDES**  
[72] CHATTERJEE, SANKAR, US  
[72] BIHOVSKY, RON, US  
[72] MALLAMO, JOHN P., US  
[72] WELLS, GREGORY J., US  
[71] CEPHALON, INC., US  
[85] 2000-03-22  
[86] 1998-10-07 (PCT/US98/21055)  
[87] 1999-04-15 (WO99/17790)  
[30] US (60/061,309) 1997-10-07  
[30] US (09/166,808) 1998-10-06

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[21] **2,304,117**  
[13] A1  
[51] **Int.Cl. 7C07D 223/20 7A61K 31/55**  
[25] EN  
[54] **INTEGRIN RECEPTOR ANTAGONISTS**  
[54] **ANTAGONISTES DES RECEPTEURS D'INTEGRINES**  
[72] SAMANEN, JAMES M., US  
[72] HEERDING, DIRK A., US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2000-03-02  
[86] 1998-09-03 (PCT/US98/18379)  
[87] 1999-03-11 (WO99/11626)  
[30] US (60/057,529) 1997-09-04  
[30] US (60/063,520) 1997-10-29

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[21] **2,304,119**  
[13] A1  
[51] **Int.Cl. 7A61K 31/675 7A61K 31/16**  
[25] EN  
[54] **MODULATION OF IMMUNE RESPONSES**  
[54] **MODULATION DE REACTIONS IMMUNITAIRES**  
[72] ATTFIELD, DERRICK CECIL, ZA  
[72] DU PREEZ, GABRIEL JOHANNES, ZA  
[72] VAN DEN BOGAERDE, JOHANNES BEYERS, ZA  
[72] SCHILLACK, VOLKER REINHARD, ZA  
[72] LANDAUER, CARL JOHN, ZA  
[71] FRANGOLD HOLDINGS LIMITED, ZA  
[85] 2000-03-14  
[86] 1998-09-16 (PCT/US98/19126)  
[87] 1999-03-25 (WO99/13885)  
[30] ZA (97/8319) 1997-09-16

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[21] **2,304,120**  
[13] A1  
[51] **Int.Cl. 7B42D 15/00**  
[25] EN  
[54] **REFORMATTING PRINTED AND ELECTRONIC TEXT FOR SMOOTHER READING**  
[54] **RESTRUCTURATION D'UN TEXTE IMPRIME ET ELECTRONIQUE AFIN D'EN FACILITER LA LECTURE**  
[72] JOHNSON, GARY R., US  
[71] JOHNSON, GARY R., US  
[85] 2000-03-14  
[86] 1998-09-16 (PCT/US98/19347)  
[87] 1999-04-01 (WO99/15339)  
[30] US (08/935,005) 1997-09-22

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[21] **2,304,121**  
[13] A1  
[51] **Int.Cl. 7C07C 51/31 7C07C 51/215 7C07C 51/265**  
[25] EN  
[54] **METHODS OF RECYCLING CATALYST IN OXIDATIONS OF HYDROCARBONS**  
[54] **PROCEDES DE RECYCLAGE D'UN CATALYSEUR AU COURS D'OXYDATIONS D'HYDROCARBURES**  
[72] DASSEL, MARK W., US  
[72] DE COSTER, DAVID C., US  
[72] ROSTAMI, ADER M., US  
[72] VASSILIOU, EUSTATHIOS, US  
[71] RPC INC., DE  
[85] 2000-03-16  
[86] 1998-09-14 (PCT/US98/19057)  
[87] 1999-03-25 (WO99/14178)  
[30] US (08/931,035) 1997-09-16  
[30] US (08/932,875) 1997-09-18

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[21] **2,304,122**  
[13] A1  
[51] **Int.Cl. 7A61K 7/00 7B01F 17/00**  
[25] EN  
[54] **STABLE COSMETIC COMPOSITIONS**  
[54] **COMPOSITIONS COSMETIQUES STABLES**  
[72] RICK, DONALD, US  
[72] MUKHERJEE, SURAJIT, US  
[72] HABIF, STEPHEN SAMUEL, MX  
[71] UNILEVER PLC, GB  
[85] 2000-03-14  
[86] 1998-10-06 (PCT/EP98/06355)  
[87] 1999-04-29 (WO99/20229)  
[30] US (08/953018) 1997-10-17

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[21] **2,304,124**  
[13] A1  
[51] **Int.Cl. 7C12N 15/11 7C07K 14/435**  
[25] EN  
[54] **NOVEL THERAPEUTIC MOLECULES**  
[54] **NOUVELLES MOLECULES THERAPEUTIQUES**  
[72] O'REILLY, LORRAINE, AU  
[72] PUTHALAKATH, HANSA, AU  
[72] STRASSER, ANDREAS, AU  
[72] CORY, SUZANNE, AU  
[72] O'CONNOR, LIAM, AU  
[72] HUANG, DAVID C. S., AU  
[72] ADAMS, JERRY, AU  
[71] THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH, AU  
[85] 2000-03-17  
[86] 1998-09-17 (PCT/AU98/00772)  
[87] 1999-03-25 (WO99/14321)  
[30] AU (PO 9263) 1997-09-17  
[30] AU (PO 9373) 1997-09-24

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[21] **2,304,125**  
[13] A1  
[51] **Int.Cl. 7A61K 38/00 7C07K 1/00 7C07K 16/00 7C07H 21/02 7C07H 21/04 7C12N 7/04 7C12P 21/06 7A61K 39/12 7A61K 39/21 7A61K 39/38 7A61K 39/395 7A61K 39/40 7A61K 39/42**  
[25] EN  
[54] **ATTENUATED VIF DNA IMMUNIZATION CASSETTES FOR GENETIC VACCINES**  
[54] **MATERIAU GENETIQUE SOUS FORME DE CASSETTES D'IMMUNISATION A BASE D'ADN DE VIF ATTENUUE POUR DES VACCINS GENETIQUES**  
[72] AYYAVOO, VELPANDI, US  
[72] NAGASHUNMUGAM, THANADAVARAYAN, US  
[72] WEINER, DAVID B., US  
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US  
[85] 2000-03-15  
[86] 1998-09-18 (PCT/US98/19478)  
[87] 1999-03-25 (WO99/13896)  
[30] US (60/059,283) 1997-09-18  
[30] US (60/060,172) 1997-09-26

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[13] A1  
[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 16/18 7C07K 14/47 7G01N 33/68 7C12Q 1/68**  
[25] EN  
[54] **CELL GROWTH REGULATOR**  
[54] **REGULATEUR DE LA CROISSANCE CELLULAIRE**  
[72] CORLEY, NEIL C., US  
[72] LAL, PREETI, US  
[72] SHAH, PURVI, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 2000-03-21  
[86] 1998-09-22 (PCT/US98/20001)  
[87] 1999-04-01 (WO99/15661)  
[30] US (08/934,845) 1997-09-22

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[13] A1  
[51] **Int.Cl. 7C12N 15/31 7A61K 39/09 7C12N 5/10 7C07K 16/12 7C12N 1/21 7C07K 14/315 7A61K 39/395**  
[25] EN  
[54] **IMPROVED METHOD OF PRODUCTION OF PNEUMOCOCCAL SURFACE PROTEINS**  
[54] **PROCEDE DE PRODUCTION AMELIOREE DE PROTEINES DE SURFACE PNEUMOCOCCIQUES**  
[72] BECKER, ROBERT, US  
[72] GRAY, MARY-ANN, US  
[72] PYLE, DEREK, US  
[71] PASTEUR MERIEUX CONNAUGHT, US  
[85] 2000-03-17  
[86] 1998-09-18 (PCT/US98/19740)  
[87] 1999-03-25 (WO99/14333)  
[30] US (08/932,982) 1997-09-18

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[13] A1  
[51] **Int.Cl. 7C12N 15/12 7C07K 19/00 7C12N 5/10 7A61K 38/18 7C07K 16/18 7A61K 39/395 7A61K 39/44 7C07K 14/515 7G01N 33/53 7G01N 33/68 7C12Q 1/68 7C12N 15/86**  
[25] EN  
[54] **TIE LIGAND HOMOLOGUES**  
[54] **HOMOLOGUES DU LIGAND "TIE"**  
[72] TUMAS, DANIEL, US  
[72] GODDARD, AUDREY, US  
[72] FERRARA, NAPOLEONE, US  
[72] BOTSTEIN, DAVID, US  
[72] SCHWALL, RALPH, US  
[72] GODOWSKI, PAUL J., US  
[72] ROY, MARGARET, US  
[72] GURNEY, AUSTIN L., US  
[72] HILLAN, KENNETH, US  
[71] GENENTECH, INC., US  
[85] 2000-03-17  
[86] 1998-09-14 (PCT/US98/19093)  
[87] 1999-04-01 (WO99/15653)  
[30] US (08/933,821) 1997-09-19  
[30] US (08/960,507) 1997-10-29

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[13] A1  
[51] **Int.Cl. 7C12N 15/12 7A61K 38/17 7C07K 14/525 7A61K 38/57**  
[25] EN  
[54] **NOVEL FAS LIGAND DERIVATIVE**  
[54] **NOUVEAU DERIVE DU LIGAND FAS**  
[72] TANAKA, MASATO, JP  
[72] NAGATA, SHIGEKAZU, JP  
[71] OSAKA BIOSCIENCE INSTITUTE, JP  
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP  
[85] 2000-03-16  
[86] 1998-09-17 (PCT/JP98/04187)  
[87] 1999-03-25 (WO99/14325)  
[30] JP (9-252541) 1997-09-17

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[13] A1  
[51] **Int.Cl. 7C12N 15/64 7A61K 48/00 7C12N 15/12 7C12N 15/18 7C07K 14/47 7C07K 14/505 7C12N 15/52 7C12N 15/65 7C07K 14/705 7C07K 14/81 7C12N 15/86 7C12N 15/87**  
[25] EN  
[54] **METHOD FOR GENE TRANSFER USING BCL2 AND COMPOSITIONS USEFUL THEREIN**  
[54] **PROCEDE DE TRANSFERT DE GENE UTILISANT BCL2 ET COMPOSITIONS UTILES A CET EFFET**  
[72] WILSON, JAMES M., US  
[72] CHEN, SHU-JEN, US  
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US  
[85] 2000-03-15  
[86] 1998-09-18 (PCT/US98/19470)  
[87] 1999-04-01 (WO99/15677)  
[30] US (60/059,556) 1997-09-19

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[21] **2,304,132**  
[13] A1  
[51] **Int.Cl. 7A01K 67/027 7C12N 15/12**  
[25] EN  
[54] **A METHOD OF TREATMENT AND AN ANIMAL MODEL USEFUL FOR SAME**  
[54] **METHODE DE TRAITEMENT ET MODELE ANIMAL UTILE POUR LADITE METHODE**  
[72] ADAMS, JERRY, AU  
[72] PRINT, CRIS, AU  
[72] GIBSON, LEONIE, AU  
[72] CORY, SUZANNE, AU  
[72] KOENTGEN, FRANK, AU  
[71] THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH, AU  
[85] 2000-03-15  
[86] 1998-09-16 (PCT/AU98/00764)  
[87] 1999-03-25 (WO99/13710)  
[30] AU (PO 9228) 1997-09-16

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[13] A1  
[51] **Int.Cl. 7H04Q 7/36 7H04B 1/76**  
[25] EN  
[54] **CHANNEL COMMUNICATION APPARATUS AND METHOD IN CDMA COMMUNICATION SYSTEM**  
[54] **PROCEDE ET APPAREIL DE COMMUNICATION EN MODE CANAL DANS UN SYSTEME DE COMMUNICATION CDMA**  
[72] MOON, HI-CHAN, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-03-22  
[86] 1999-08-04 (PCT/KR99/00430)  
[87] 2000-02-17 (WO00/08869)  
[30] KR (1998/31952) 1998-08-04  
[30] KR (1998/33359) 1998-08-14  
[30] KR (1998/36679) 1998-09-03

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[13] A1  
[51] **Int.Cl. 7A61K 9/10 7A61K 47/32**  
[25] EN  
[54] **ACOUSTICALLY ACTIVATED LOCALIZED DRUG DELIVERY**  
[54] **LIBERATION DE MEDICAMENT LOCALISEE, ACTIVEE PAR VOIE ACOUSTIQUE**  
[72] PITT, WILLIAM G., US  
[72] RAPOPORT, NATALYA, US  
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US  
[71] BRIGHAM YOUNG UNIVERSITY, US  
[85] 2000-03-22  
[86] 1998-09-23 (PCT/US98/20046)  
[87] 1999-04-01 (WO99/15151)  
[30] US (60/059,774) 1997-09-23

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[21] **2,304,135**  
[13] A1  
[51] **Int.Cl. 7A61K 31/495 7A61K 9/00 7A61K 9/16 7A61K 9/20 7A61K 9/28**  
[25] EN  
[54] **MEDICAMENT FORMULATION WITH A CONTROLLED RELEASE OF AN ACTIVE AGENT**  
[54] **FORMULATION MEDICAMENTEUSE A LIBERATION CONTROLEE DU PRINCIPE ACTIF**  
[72] BOSCHE, PATRICK, DE  
[72] SIEFERT, HANS-MARTIN, DE  
[72] STASS, HEINO, DE  
[72] LAICH, TOBIAS, DE  
[72] KETTELHOIT, STEFAN, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-03-22  
[86] 1998-09-15 (PCT/EP98/05842)  
[87] 1999-04-01 (WO99/15172)  
[30] DE (197 42 243.8) 1997-09-25

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[21] **2,304,136**  
[13] A1  
[51] **Int.Cl. 7C08B 37/00 7A61K 35/78**  
[25] EN  
[54] **COMPOSITION AND PHARMACEUTICAL PREPARATION CONTAINING SAME FOR THE TREATMENT OF HERPES AND RELATED VIRAL INFECTIONS**  
[54] **COMPOSITION ET PREPARATION PHARMACEUTIQUE LA CONTENANT POUR LE TRAITEMENT DE L'HERPES ET AUTRES MALADIES VIRALES APPARENTEES**  
[72] FOONG, WAI-CHOONG, CA  
[72] BLAY, JONATHAN, CA  
[72] LEE, SONG F., CA  
[72] LEE, SPENCER H. S., CA  
[72] XU, HONG-XI, CA  
[71] DALHOUSIE UNIVERSITY, CA  
[85] 2000-03-22  
[86] 1998-09-23 (PCT/CA98/00891)  
[87] 1999-04-01 (WO99/15566)  
[30] US (60/059,775) 1997-09-23

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[13] A1  
[51] **Int.Cl. 7B65D 41/04**  
[25] EN  
[54] **CLOSURE CAP WITH BRAKING STRUCTURE**  
[54] **BOUCHON DE FERMETURE A STRUCTURE DE FREINAGE**  
[72] SEIDITA, THOMAS M., US  
[71] CROWN CORK & SEAL TECHNOLOGIES CORPORATION, US  
[85] 2000-04-22  
[86] 1998-10-28 (PCT/GB98/03220)  
[87] 1999-05-14 (WO99/23001)  
[30] US (08/961,538) 1997-10-30

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[21] **2,304,138**  
[13] A1  
[51] **Int.Cl. 7C07D 333/52 7C07D 405/00 7C07D 409/00 7A61K 31/38 7A61K 31/40 7A61K 31/44 7A61K 31/55 7C07D 333/56**  
[25] EN  
[54] **BENZOTHIOPHENES**  
[54] **BENZOTHIOPHENES**  
[72] DODGE, JEFFREY ALAN, US  
[72] STOCKSDALE, MARK GREGORY, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-03-22  
[86] 1998-09-18 (PCT/US98/19557)  
[87] 1999-04-01 (WO99/15521)  
[30] US (60/059,620) 1997-09-23

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[21] **2,304,139**  
[13] A1  
[51] **Int.Cl. 7B60L 7/26 7B66F 9/24 7B60T 8/26**  
[25] EN  
[54] **INTELLIGENT BRAKING SYSTEM FOR MATERIALS HANDLING VEHICLES**  
[54] **SYSTEME DE FREINAGE INTELLIGENT POUR VEHICULES DE MANUTENTION DE MATIERES**  
[72] SHERMAN, NICHOLAS J., US  
[71] CROWN EQUIPMENT CORPORATION, US  
[85] 2000-03-22  
[86] 1998-09-23 (PCT/US98/19910)  
[87] 1999-04-08 (WO99/16636)  
[30] US (60/060,410) 1997-09-30

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<p style="text-align: right;">[21] <b>2,304,140</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A63F 13/06</b> [25] EN [54] <b>ENTERTAINMENT SYSTEM, SUPPLY MEDIUM, AND MANUAL CONTROL INPUT DEVICE</b> [54] <b>SYSTEME DE DIVERTISSEMENT, SUPPORT D'ALIMENTATION ET DISPOSITIF D'ENTREE A COMMANDE MANUELLE</b> [72] MIYASAKA, SHIGEHISA, JP [72] OGATA, HIROKI, JP [71] SONY COMPUTER ENTERTAINMENT INC., JP [85] 2000-03-22 [86] 1999-07-28 (PCT/JP99/04055) [87] 2000-02-10 (WO00/06269) [30] JP (10/218293) 1998-07-31 [30] JP (11/200987) 1999-07-14</p>	<p style="text-align: right;">[21] <b>2,304,143</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A01J 5/017 7F16G 11/00</b> [25] EN [54] <b>A CORD-LOCKING DEVICE AND A MILKING UNIT REMOVAL DEVICE COMPRISING SUCH A CORD-LOCKING DEVICE</b> [54] <b>DISPOSITIF DE BLOCAGE DE CORDELETTE ET DISPOSITIF D'ENLEVEMENT DE POSTE DE TRAITE POURVU DE CE DISPOSITIF DE BLOCAGE</b> [72] GUSTAFSON, KENNETH PERCY BIRGER, SE [72] JOHANNESSON, LEIF BORJE, SE [71] ALFA LAVAL AGRI AB, SE [85] 2000-03-16 [86] 1998-09-16 (PCT/SE98/01663) [87] 1999-04-08 (WO99/16301) [30] SE (9703359-1) 1997-09-17</p>	<p style="text-align: right;">[21] <b>2,304,147</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A24D 3/04</b> [25] EN [54] <b>CIGARETTE PROVIDED WITH AN INERTIAL HYPOBARIC DEVICE SUCH AS TO RETAIN THE TAR IN TOBACCO SMOKE AND/OR DEVICE AS ABOVE NOT ESSENTIALLY INSERTED INTO A CIGARETTE</b> [54] <b>CIGARETTE POURVUE D'UN DISPOSITIF HYPOBARE CAPABLE DE RETENIR LE GOUDRON PRESENT DANS LA FUMEE ET/OU DISPOSITIF HYPOBARE NON INCORPORE DANS LA CIGARETTE</b> [72] LEONETTI LUPARINI, ALESSANDRO, IT [71] THE ATLANTIC CONNECTION LIMITED, GB [85] 2000-03-22 [86] 1997-12-31 (PCT/IT97/00318) [87] 1999-04-01 (WO99/15038) [30] IT (RM97A000572) 1997-09-23</p>
<p style="text-align: right;">[21] <b>2,304,141</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01M 8/10 7C25B 9/00 7G01N 27/49 7H01M 4/88</b> [25] EN [54] <b>MEMBRANE ELECTRODE ASSEMBLY</b> [54] <b>ENSEMBLE ELECTRODE A MEMBRANE</b> [72] POIRIER, RICHARD J., US [72] DEBE, MARK K., US [72] ZIEGLER, RAYMOND J., US [72] WACKERFUSS, MICHAEL J., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2000-03-22 [86] 1998-04-29 (PCT/US98/08730) [87] 1999-04-22 (WO99/19928) [30] US (08/948,599) 1997-10-10</p>	<p style="text-align: right;">[21] <b>2,304,144</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 7/00 7H04N 5/00</b> [25] EN [54] <b>DOWNLOADING DATA</b> [54] <b>TELECHARGEMENT DE DONNEES</b> [72] SAFARTI, JEAN-CLAUDE, FR [71] CANAL + SOCIETE ANONYME, FR [85] 2000-03-22 [86] 1998-10-05 (PCT/IB98/01613) [87] 1999-04-15 (WO99/18724) [30] EP (97402335.0) 1997-10-03</p>	<p style="text-align: right;">[21] <b>2,304,148</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 12/14 7G06F 1/00</b> [25] EN [54] <b>METHOD AND APPARATUS FOR PROTECTION OF RECORDED DIGITAL DATA</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT DE PROTEGER DES DONNEES NUMERIQUES ENREGISTREES</b> [72] BENARDEAU, CHRISTIAN, FR [71] CANAL + SOCIETE ANONYME, FR [85] 2000-03-22 [86] 1998-09-22 (PCT/IB98/01510) [87] 1999-04-01 (WO99/15970) [30] EP (97402237.8) 1997-09-25</p>
<p style="text-align: right;">[21] <b>2,304,142</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04N 5/913</b> [25] EN [54] <b>METHOD AND APPARATUS FOR RECORDING OF ENCRYPTED DIGITAL DATA</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT D'ENREGISTRER DES DONNEES NUMERIQUES CRYPTÉES</b> [72] MAILLARD, MICHEL, FR [71] CANAL + SOCIETE ANONYME, FR [85] 2000-03-22 [86] 1998-09-22 (PCT/IB98/01511) [87] 1999-04-01 (WO99/16244) [30] EP (97402238.6) 1997-09-25</p>	<p style="text-align: right;">[21] <b>2,304,145</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 17/30</b> [25] EN [54] <b>METHOD AND COMPUTER PROGRAM PRODUCT FOR CLASSIFYING NETWORK COMMUNICATION PACKETS PROCESSED IN A NETWORK STACK</b> [54] <b>PROCEDE ET PROGICIEL DE CLASSIFICATION DES PAQUETS DE COMMUNICATION RESEAU TRAITES DANS UNE PILE RESEAU</b> [72] BAR, OFER, US [72] DOUCEUR, JOHN R., US [72] BERNET, YORAM, US [71] MICROSOFT CORPORATION, US [85] 2000-03-16 [86] 1998-06-03 (PCT/US98/11430) [87] 1999-04-01 (WO99/15993) [30] US (08/933,868) 1997-09-19</p>	<p style="text-align: right;">[21] <b>2,304,149</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61B 17/11</b> [25] EN [54] <b>ANASTOMOSIS OF THE SMALL INTESTINE AND THE RECTUM</b> [54] <b>ANASTOMOSE DE L'INTESTIN GRELE ET DU RECTUM</b> [72] VAN LAARHOVEN, CORNELIS JOHANNES HENRICUS MARTINUS, NL [71] UNIVERSITAIR MEDISCH CENTRUM UTRECHT, NL [85] 2000-03-22 [86] 1998-09-23 (PCT/NL98/00550) [87] 1999-04-01 (WO99/15087) [30] NL (1007101) 1997-09-23</p>



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[21] **2,304,150**  
[13] A1

[51] **Int.Cl. 7E04H 15/16 7E04H 15/34 7E04H 15/48**

[25] EN  
[54] **TETRA TENT**  
[54] **TENTE TETRAEDRIQUE**  
[72] VAVRA, DAVID A., US  
[71] T.A. PELSUE COMPANY, US  
[85] 2000-03-22  
[86] 1998-09-22 (PCT/US98/19550)  
[87] 1999-04-01 (WO99/15747)  
[30] US (60/059,518) 1997-09-22

[21] **2,304,151**  
[13] A1

[51] **Int.Cl. 7H01S 5/183 7H01S 5/10**

[25] EN  
[54] **FILAMENTED MULTI-WAVELENGTH VERTICAL-CAVITY SURFACE EMITTING LASER**  
[54] **LASER A CAVITE VERTICALE ET A EMISSION PAR LA SURFACE DU TYPE A FILAMENTS ET A LONGUEURS D'ONDES MULTIPLES**  
[72] MORGAN, ROBERT A., US  
[71] HONEYWELL INC., US  
[85] 2000-03-22  
[86] 1997-10-23 (PCT/US97/18952)  
[87] 1999-04-29 (WO99/21252)

[21] **2,304,152**  
[13] A1

[51] **Int.Cl. 7C07C 401/00**

[25] EN  
[54] **NOVEL VITAMIN D ANALOGUES**  
[54] **NOUVEAUX ANALOGUES DE VITAMINE D**  
[72] CALVERLEY, MARTIN JOHN, DK  
[72] BRETTING, CLAUS AAGE SVENSGAARD, DK  
[72] VON DAEHNE, WELF, DK  
[72] GRUE-SORENSEN, GUNNAR, DK  
[71] LEO PHARMACEUTICAL PRODUCTS LTD. A/S (LOVENS KEMISKE FABRIK PRODUKTIONSA, DK  
[85] 2000-03-16  
[86] 1998-10-02 (PCT/DK98/00423)  
[87] 1999-04-15 (WO99/18070)  
[30] GB (9721156.9) 1997-10-06

[21] **2,304,153**  
[13] A1

[51] **Int.Cl. 7A01N 47/34**

[25] EN  
[54] **SEED TREATMENT FUNGICIDES FOR CONTROL OF PLANT DISEASES**  
[54] **FONGICIDES DE TRAITEMENT DE SEMENCES PERMETTANT DE LUTTER CONTRE DES MALADIES VEGETALES**  
[72] RIGGS, JENIFER LYNN, US  
[72] ARTHUR, KAREN SUE, US  
[72] HAIRSTON, WILLIAM GORDON, US  
[71] GUSTAFSON, INC., US  
[85] 2000-03-16  
[86] 1998-09-01 (PCT/US98/18221)  
[87] 1999-03-25 (WO99/13722)  
[30] US (60/059,293) 1997-09-18  
[30] US (09/132,927) 1998-08-12

[21] **2,304,154**  
[13] A1

[51] **Int.Cl. 7A61F 2/38**

[25] EN

[54] **MOBILE BEARING KNEE PROSTHESIS**  
[54] **PROTHESE DE GENOU A SUPPORT MOBILE**  
[72] RIES, MICHAEL, US  
[72] BROSNAHAN, ROBERT, US  
[72] POTHIER, ALBERT J., US  
[71] SMITH & NEPHEW, INC., US  
[85] 2000-03-16  
[86] 1998-09-16 (PCT/US98/19702)  
[87] 1999-03-25 (WO99/13804)  
[30] US (60/059,131) 1997-09-17  
[30] US (09/082,179) 1998-05-20

[21] **2,304,155**  
[13] A1

[51] **Int.Cl. 7D01F 8/14 7D01F 8/06 7D01F 8/10 7D04H 1/42 7D04H 1/54**

[25] EN  
[54] **WATER-SENSITIVE COMPOSITIONS**  
[54] **COMPOSITIONS DECOMPOSABLES DANS L'EAU**  
[72] MUMICK, PAVNEET S., US  
[72] TSAI, FU-JYA, US  
[72] POMPLUN, WILLIAM S., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2000-03-17  
[86] 1998-09-30 (PCT/US98/20537)  
[87] 1999-04-15 (WO99/18269)  
[30] US (08/943,755) 1997-10-03

[21] **2,304,156**  
[13] A1

[51] **Int.Cl. 7B01D 53/72 7B01D 53/02**

[25] EN  
[54] **FILTER FOR GASES**  
[54] **FILTRE POUR GAZ**  
[72] HEINONEN, KIMMO, FI  
[72] CHRISTIANSEN, VIRVE, FI  
[71] VALTION TEKNILLINEN TUTKIMUSKESKUS, FI  
[85] 2000-03-17  
[86] 1998-09-21 (PCT/FI98/00739)  
[87] 1999-04-01 (WO99/15259)  
[30] FI (973728) 1997-09-19  
[30] FI (U970462) 1997-10-22

[21] **2,304,157**  
[13] A1

[51] **Int.Cl. 7B01J 35/02 7C23C 28/02 7B01J 35/06 7B01J 35/10 7C23C 14/20 7B01J 23/46 7H01M 4/92**

[25] EN  
[54] **CATALYST FOR MEMBRANE ELECTRODE ASSEMBLY AND METHOD OF MAKING**  
[54] **CATALYSEUR POUR ENSEMBLE ELECTRODE A MEMBRANE ET PROCEDE DE FABRICATION CORRESPONDANT**  
[72] THOMAS, JOHN H., III, US  
[72] ZIEGLER, RAYMOND J., US  
[72] STEINBACH, ANDREW J., US  
[72] DEBE, MARK K., US  
[72] HAUGEN, GREGORY M., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-03-22  
[86] 1998-04-29 (PCT/US98/08595)  
[87] 1999-04-22 (WO99/19066)  
[30] US (08/948,910) 1997-10-10

[21] **2,304,158**  
[13] A1

[51] **Int.Cl. 7G06F 9/44**

[25] EN  
[54] **REAL-TIME MULTIMEDIA VISUAL PROGRAMMING SYSTEM**  
[54] **SYSTEME DE PROGRAMMATION VISUELLE DE MULTIMEDIA EN TEMPS REEL**  
[72] REAY, PHILLIP, US  
[72] COCO, GEOFFREY, US  
[71] ONADIME, INC., US  
[85] 2000-03-22  
[86] 1998-09-22 (PCT/US98/19822)  
[87] 1999-04-01 (WO99/15959)  
[30] US (08/935,618) 1997-09-23

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[21] **2,304,159**  
[13] A1

[51] **Int.Cl. 7C12Q 1/68**  
[25] EN  
[54] **METHODS OF EVALUATING TRANSPLANT REJECTION**  
[54] **PROCEDES PERMETTANT D'EVALUER LE REJET DE GREFFES**  
[72] STROM, TERRY B., US  
[72] SUTHANTHIRAN, MANIKKAM, US  
[72] VASCONCELLOS, LAURO, US  
[71] BETH ISRAEL DEACONESS MEDICAL CENTRE, US  
[71] CORNELL RESEARCH FOUNDATION, INC., US  
[85] 2000-03-17  
[86] 1998-09-22 (PCT/US98/19549)  
[87] 1999-04-01 (WO99/15700)  
[30] US (08/937,063) 1997-09-24

[21] **2,304,160**  
[13] A1

[51] **Int.Cl. 7A61M 29/00**  
[25] EN  
[54] **CATHETER WITH STAND-OFF STRUCTURE**  
[54] **CATHETER PRESENTANT UNE STRUCTURE D'ESPACEMENT DE SECURITE**  
[72] TOSO, GREGORY F., US  
[72] TOSO, KENNETH E., US  
[72] FUTATO, LISA D., US  
[72] LIPRIE, SAMUEL F., US  
[71] ANGIORAD L.L.C., US  
[71] UNITED STATES SURGICAL CORPORATION, US  
[85] 2000-03-21  
[86] 1998-09-23 (PCT/US98/19974)  
[87] 1999-04-01 (WO99/15225)  
[30] US (60/060,693) 1997-09-23

[21] **2,304,161**  
[13] A1

[51] **Int.Cl. 7H04M 11/06 7H04L 12/28 7H04M 1/72**  
[25] EN  
[54] **ADAPTER DEVICE AND NETWORK SYSTEM**  
[54] **ADAPTATEUR ET SYSTEME DE RESEAU**  
[72] YOSHIMORI, MASAHARU, JP  
[72] KAWAI, EIJI, JP  
[72] ITO, TAKESHI, JP  
[71] SONY COMPUTER ENTERTAINMENT INC., JP  
[85] 2000-03-22  
[86] 1999-07-26 (PCT/JP99/03996)  
[87] 2000-02-10 (WO00/07351)  
[30] JP (10/211520) 1998-07-27

[21] **2,304,162**  
[13] A1

[51] **Int.Cl. 7A61K 45/06 7A61K 31/415 7A61K 31/55**  
[25] EN  
[54] **USE OF COMBINATIONS COMPRISING NON-SEDATING ANTIHISTAMINES AND ALPHA-ADRENERGIC DRUGS FOR THE TOPICAL TREATMENT OF RHINITIS/ CONJUNCTIVITIS AND COLD, COLD-LIKE AND/OR FLU SYMPTOMS**  
[54] **UTILISATION DE COMBINAISONS COMPRENANT DES ANTIHISTAMINIQUES NON CLASSIQUES ET DES MEDICAMENTS ALPHA-ADRENERGIQUES DESTINES AU TRAITEMENT LOCAL DE LA RHINITE/CONJONCTIVITE ET DU RHUME, DES SYMPTOMES DE TYPE REFROIDISSEMENT ET/OU GRIPPE**  
[72] MUCKENSCHNABEL, REINHARD, DE

[72] SZELENYI, ISTVAN, DE  
[72] DIEZ CRESPO, MARIA DEL CARMEN, ES  
[72] MAINARDI, ROBERTO, BR  
[71] ASTA MEDICA AKTIENGESELLSCHAFT, DE  
[85] 2000-03-21  
[86] 1998-09-11 (PCT/EP98/05795)  
[87] 1999-04-01 (WO99/15203)  
[30] EP (97116494.2) 1997-09-22

[21] **2,304,163**  
[13] A1

[51] **Int.Cl. 7G06F 11/00**  
[25] EN  
[54] **DYNAMIC HEURISTIC METHOD FOR DETECTING COMPUTER VIRUSES**  
[54] **METHODE HEURISTIQUE DYNAMIQUE DE DETECTION DES VIRUS INFORMATIQUES**  
[72] NACHENBERG, CAREY S., US  
[71] SYMANTEC CORPORATION, US  
[85] 2000-03-22  
[86] 1998-08-25 (PCT/US98/17609)  
[87] 1999-04-01 (WO99/15966)  
[30] US (08/935,577) 1997-09-23

[21] **2,304,164**  
[13] A1

[51] **Int.Cl. 7B26D 3/28 7B26D 9/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PRODUCING A CONTINUOUS WEB FROM A BLOCK OF MATERIAL**  
[54] **PROCEDE ET APPAREIL POUR PRODUIRE UNE BANDE CONTINUE A PARTIR D'UN BLOC DE MATERIAU**  
[72] STELLER, ROBERT JOHN, US  
[72] SMITH, CHARLES ZELL III, US  
[72] SABATELLI, DAVID ALBERT, US  
[72] WILHELM, ERIC RICHARD, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-03-21  
[86] 1998-09-22 (PCT/IB98/01461)  
[87] 1999-04-08 (WO99/16593)  
[30] US (08/939,172) 1997-09-29

[21] **2,304,165**  
[13] A1

[51] **Int.Cl. 7D03D 3/02 7D03D 15/00**  
[25] EN  
[54] **FULL-FASHIONED WEAVING PROCESS FOR PRODUCTION OF A WOVEN GARMENT WITH INTELLIGENCE CAPABILITY**  
[54] **PROCEDE DE TISSAGE DE VETEMENT DIMINUE PERMETTANT DE PRODUIRE UN VETEMENT TISSE A FONCTIONNALITE INTELLIGENTE**  
[72] JAYARAMAN, SUNDARESAN, US  
[72] PARK, SUNGMEE, US  
[72] RAJAMANICKAM, RANGASWAMY, US  
[71] GEORGIA TECH RESEARCH CORPORATION, US  
[85] 2000-03-21  
[86] 1998-09-21 (PCT/US98/19620)  
[87] 1999-04-01 (WO99/15722)  
[30] US (60/059,444) 1997-09-22

[21] **2,304,166**  
[13] A1

[51] **Int.Cl. 7H01L 33/00 7A61C 19/00 7H01L 25/13**  
[25] EN  
[54] **OPTICAL IRRADIATION DEVICE**  
[54] **DISPOSITIF DE RAYONNEMENT OPTIQUE**  
[72] JANDT, KLAUS DIETER, GB  
[72] MILLS, ROBIN WALTER, GB  
[71] UNIVERSITY OF BRISTOL, GB  
[85] 2000-03-21  
[86] 1998-09-25 (PCT/GB98/02905)  
[87] 1999-04-01 (WO99/16136)  
[30] GB (9720443.2) 1997-09-25  
[30] GB (9806046.0) 1998-03-20

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[21] **2,304,167**  
[13] A1  
[51] **Int.Cl. 7C07K 1/00 7C07H 21/00 7A01N 61/00 7A01N 63/00**  
[25] EN  
[54] **MAMMAGLOBIN, A SECRETED MAMMARY-SPECIFIC BREAST CANCER PROTEIN**  
[54] **LA MAMMAGLOBINE, PROTEINE SECRETEE DU CANCER DU SEIN SPECIFIQUE DE LA GLANDE MAMMAIRE**  
[72] FLEMING, TIMOTHY P., US  
[72] WATSON, MARK A., US  
[71] WASHINGTON UNIVERSITY, US  
[85] 2000-03-17  
[86] 1998-09-18 (PCT/US98/17991)  
[87] 1999-03-25 (WO99/14230)  
[30] US (08/933,149) 1997-09-18

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[21] **2,304,168**  
[13] A1  
[51] **Int.Cl. 7C12N 15/86 7C12N 5/10**  
[25] EN  
[54] **METHODS AND CELL LINE USEFUL FOR PRODUCTION OF RECOMBINANT ADENO-ASSOCIATED VIRUSES**  
[54] **PROCEDES ET LIGNEE CELLULAIRE UTILES POUR LA PRODUCTION DE VIRUS ADENO-ASSOCIES RECOMBINES**  
[72] WILSON, JAMES M., US  
[72] GAO, GUANG-PING, US  
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US  
[85] 2000-03-17  
[86] 1998-09-18 (PCT/US98/19463)  
[87] 1999-04-01 (WO99/15685)  
[30] US (60/059,340) 1997-09-19

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[21] **2,304,169**  
[13] A1  
[51] **Int.Cl. 7C07K 14/00**  
[25] EN  
[54] **LAMININS AND USES THEREOF**  
[54] **LAMININES ET LEUR UTILISATION**  
[72] KOCH, MANUEL, US  
[72] BRUNKEN, WILLIAM, US  
[72] OLSON, PAMELA, US  
[72] CHAMPLIAUD, MARIE-FRANCE, US  
[72] BURGESSON, ROBERT E., US  
[71] THE GENERAL HOSPITAL CORPORATION, US  
[85] 2000-03-22  
[86] 1998-10-08 (PCT/US98/21391)  
[87] 1999-04-22 (WO99/19348)  
[30] US (60/061,609) 1997-10-10

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[21] **2,304,171**  
[13] A1  
[51] **Int.Cl. 7D01F 6/30 7D04H 3/00 7C08L 23/10**  
[25] EN  
[54] **PROPYLENE POLYMERS FOR FIBERS AND FABRICS**  
[54] **POLYPROPYLENE POUR FIBRES ET TISSUS**  
[72] STAHL, GEORGE A., US  
[72] RICHESON, GALEN C., US  
[71] EXXON CHEMICAL PATENT INC., US  
[85] 2000-03-21  
[86] 1998-09-30 (PCT/US98/20445)  
[87] 1999-04-22 (WO99/19547)  
[30] US (60/061,612) 1997-10-10

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[21] **2,304,172**  
[13] A1  
[51] **Int.Cl. 7H04L 12/24**  
[25] EN  
[54] **LEGAL INTERCEPTION IN A TELECOMMUNICATIONS NETWORK**  
[54] **INTERCEPTION LEGALE DANS UN RESEAU DE TELECOMMUNICATIONS**  
[72] HAUMONT, SERGE, FI  
[71] NOKIA NETWORKS OY, FI  
[85] 2000-03-21  
[86] 1998-09-25 (PCT/FI98/00762)  
[87] 1999-04-08 (WO99/17499)  
[30] FI (973806) 1997-09-26

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[21] **2,304,173**  
[13] A1  
[51] **Int.Cl. 7C12N 15/86**  
[25] EN  
[54] **PLASMIDS FOR CONSTRUCTION OF EUKARYOTIC VIRAL VECTORS**  
[54] **PLASMIDES POUR LA CONSTRUCTION DE VECTEURS VIRAUX EUKARYOTES**  
[72] BROUGH, DOUGLAS E., US  
[72] MCVEY, DUNCAN L., US  
[72] KOVESDI, IMRE, US  
[71] GENVEC, INC., US  
[85] 2000-03-21  
[86] 1998-09-23 (PCT/US98/20009)  
[87] 1999-04-01 (WO99/15686)  
[30] US (60/059,824) 1997-09-23

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[21] **2,304,174**  
[13] A1  
[51] **Int.Cl. 7A47K 11/10**  
[25] EN  
[54] **BRUSH CONTAINER WITH LOCKING DEVICE**  
[54] **RECIPIENT POUR BROSSSE AVEC SYSTEME DE VERROUILLAGE**  
[72] LEONARD, STEPHEN B., US  
[72] LEE, WILLIAM A., US  
[72] PROKOP, GARY F., US  
[72] MUSIEL, D. JAMES, US  
[71] S. C. JOHNSON & SON, INC., US  
[85] 2000-03-21  
[86] 1998-09-23 (PCT/US98/19818)  
[87] 1999-04-01 (WO99/15065)  
[30] US (08/933,728) 1997-09-23

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[21] **2,304,175**  
[13] A1  
[51] **Int.Cl. 7H01M 8/10 7H01M 6/00 7B05D 5/12 7H01M 4/86 7H01M 4/90 7H01M 4/96**  
[25] EN  
[54] **SINTERED ELECTRODE FOR SOLID OXIDE FUEL CELLS**  
[54] **ELECTRODE FRITTEES POUR CELLULES A COMBUSTIBLE A BASE D'OXYDE SOLIDE**  
[72] WARNER, KATHRYN A., US  
[72] RUKA, ROSWELL J., US  
[71] SIEMENS WESTINGHOUSE POWER CORPORATION, US  
[85] 2000-03-21  
[86] 1998-09-21 (PCT/US98/19662)  
[87] 1999-04-01 (WO99/16140)  
[30] US (08/934,884) 1997-09-22

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[21] **2,304,177**  
[13] A1  
[51] **Int.Cl. 7C07C 51/09**  
[25] EN  
[54] **RECOVERY OF 2,6-NAPHTHALENE DICARBOXYLIC ACID FROM POLYESTERS**  
[54] **RECUPERATION D'ACIDE 2,6-NAPHTALENE DICARBOXYLIQUE DANS DES POLYESTERS**  
[72] WAGGONER, MARION GLEN, US  
[72] SAMUELS, MICHAEL ROBERT, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-03-15  
[86] 1998-09-30 (PCT/US98/20504)  
[87] 1999-04-08 (WO99/16738)  
[30] US (60/060,216) 1997-10-01

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,304,178</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D01D 10/02</b> [25] EN [54] <b>HEATED ROLLS WITH ENCLOSURE</b> [54] <b>GALETS CHAUFFES SOUS REBORD</b> [72] POTTER, JERRY FULLER, US [72] JOHNSON, MELVIN HARRY, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2000-03-15 [86] 1998-09-28 (PCT/US98/20267) [87] 1999-05-06 (WO99/22050) [30] US (08/955,641) 1997-10-24</p>	<p style="text-align: right;">[21] <b>2,304,181</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01M 3/08</b> [25] EN [54] <b>METHODS AND APPARATUS FOR MONITORING WATER PROCESS EQUIPMENT</b> [54] <b>PROCEDE ET APPAREIL DE CONTROLE D'EQUIPEMENTS DE TRAITEMENT DES EAUX</b> [72] CHEN, HAIWEN, US [72] HONG, KE, US [72] BURGMAYER, PAUL R., US [71] BETZDEARBORN INC., US [85] 2000-03-21 [86] 1998-07-21 (PCT/US98/14959) [87] 1999-04-08 (WO99/17091) [30] US (08/938,419) 1997-09-26 [30] US (09/047,602) 1998-03-25</p>	<p style="text-align: right;">[21] <b>2,304,184</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01F 7/122 7H01H 51/01 7H01H 50/32</b> [25] EN [54] <b>ELECTROMAGNETIC ACTUATOR</b> [54] <b>ACTIONNEUR ELECTROMAGNETIQUE</b> [72] LAMMERS, AREND JAN WILLEM, NL [71] HOLEC HOLLAND N.V., NL [85] 2000-03-15 [86] 1998-09-07 (PCT/NL98/00512) [87] 1999-03-25 (WO99/14769) [30] NL (1007072) 1997-09-18 [30] NL (1008983) 1998-04-24</p>
<p style="text-align: right;">[21] <b>2,304,179</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 21/39 7G01N 21/03 7H01S 3/08</b> [25] EN [54] <b>OPTICAL RESONATOR FOR CAVITY RING-DOWN SPECTROSCOPY WITH PRISM RETROREFLECTORS</b> [54] <b>RESONATEUR OPTIQUE POUR SPECTROSCOPIE PAR ABaisseMENT D'ANNEAU DE CAVITE AVEC RETROREFLECTEURS A PRISMES</b> [72] RABINOWITZ, PAUL, US [72] LEHMANN, KEVIN K., US [71] TRUSTEES OF PRINCETON UNIVERSITY, THE, US [85] 2000-03-21 [86] 1998-09-25 (PCT/US98/20062) [87] 1999-04-29 (WO99/20996) [30] US (08/955,126) 1997-10-21</p>	<p style="text-align: right;">[21] <b>2,304,182</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01R 4/02 7H01R 43/02</b> [25] EN [54] <b>CONNECTOR DESIGNED TO FACILITATE THE WELDING OF TERMINALS</b> [54] <b>CONNECTEUR CONCU POUR FACILITER LE SOUDAGE DE BORNES</b> [72] OSTERMANN, RUDIGER, ES [72] SAEZ GARCIA, ANA, ES [71] MECANISMOS AUXILIARES INDUSTRIALES, S.L., ES [85] 2000-03-15 [86] 1999-06-23 (PCT/ES99/00189) [87] 2000-01-27 (WO00/04605) [30] ES (U 9801891) 1998-07-15</p>	<p style="text-align: right;">[21] <b>2,304,185</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H03K 19/08 7G06F 7/00 7G01R 33/20</b> [25] EN [54] <b>QUANTUM COMPUTER</b> [54] <b>ORDINATEUR QUANTIQUE</b> [72] KANE, BRUCE, AU [71] UNISEARCH LIMITED, AU [85] 2000-03-15 [86] 1998-09-17 (PCT/AU98/00777) [87] 1999-03-25 (WO99/14858) [30] AU (PO 9268) 1997-09-17</p>
<p style="text-align: right;">[21] <b>2,304,180</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G01N 33/48</b> [25] EN [54] <b>BLOOD TEST CONTAINER AND BLOOD TEST METHOD</b> [54] <b>RESERVOIR ET PROCEDE POUR TEST SANGUIN</b> [72] SHIMMURA, KAZUO, JP [72] ISOGAWA, HIRONOBU, JP [72] SHIBATA, JUNZOU, JP [72] SHINODA, JUN-ICHIRO, JP [72] MATSUMOTO, MIE, JP [72] YOKOI, MASAYUKI, JP [71] SEKISUI CHEMICAL CO., LTD., JP [85] 2000-03-15 [86] 1998-09-09 (PCT/JP98/04033) [87] 1999-03-25 (WO99/14593) [30] JP (250942/1997) 1997-09-16 [30] JP (305559/1997) 1997-11-07 [30] JP (9579/1998) 1998-01-21</p>	<p style="text-align: right;">[21] <b>2,304,183</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B29C 47/14 7B29C 47/70</b> [25] EN [54] <b>UNIVERSAL FLOW CHANNEL</b> [54] <b>CANAL D'ECOULEMENT UNIVERSEL</b> [72] LOOMAN, ERNEST WILFORD JR., US [72] LEE, CHING-CHIH, US [72] BURG, GARY ROBERT, US [72] TURNER, BRUCE JOSEPH, US [72] MARSHALL, MALCOLM GEORGE, US [71] THE GOODYEAR TIRE AND RUBBER COMPANY, US [85] 2000-03-21 [86] 1997-10-31 (PCT/US97/20054) [87] 1999-05-14 (WO99/22927)</p>	<p style="text-align: right;">[21] <b>2,304,186</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B25B 7/10</b> [25] EN [54] <b>PLIERS (2)</b> [54] <b>PINCES (2)</b> [72] ST. JOHN, ROBERT A., US [71] THE STANLEY WORKS, US [85] 2000-03-15 [86] 1999-07-13 (PCT/US99/14143) [87] 2000-01-27 (WO00/03841) [30] US (09/116,562) 1998-07-15</p>

## PCT Applications Entering the National Phase

[21] **2,304,189**  
[13] A1

[51] **Int.Cl. 7H04L 12/28**  
[25] EN  
[54] **FREQUENCY HOPPING  
PICONETS IN AN UNCOORDINATED  
WIRELESS MULTI-USER SYSTEM**  
[54] **PICORESEAUX A SAUT DE  
FREQUENCE DANS UN SYSTEME  
MULTI-UTILISATEUR RADIO NON  
COORDONNE**  
[72] HAARTSEN, JACOBUS CORNELIS,  
NL  
[71] TELEFONAKTIEBOLAGET LM  
ERICSSON, SE  
[85] 2000-03-15  
[86] 1998-09-16 (PCT/SE98/01555)  
[87] 1999-03-25 (WO99/14897)  
[30] US (08/932,911) 1997-09-17

[21] **2,304,190**  
[13] A1

[51] **Int.Cl. 7F41G 3/26 7F41J 9/14**  
[25] EN  
[54] **SIMULATOR**  
[54] **SIMULATEUR**  
[72] TREHARNE, LEWIS EVAN, GB  
[72] NORDBERG, ANTHONY, GB  
[71] THOMSON TRAINING &  
SIMULATION LIMITED, GB  
[85] 2000-03-15  
[86] 1998-09-14 (PCT/GB98/02783)  
[87] 1999-03-25 (WO99/14549)  
[30] GB (9719590.3) 1997-09-16

[21] **2,304,191**  
[13] A1

[51] **Int.Cl. 7A61K 31/19 7A61K 47/12  
7A61K 31/195 7A61K 47/38 7A61K 31/54**  
[25] EN  
[54] **TOPICAL NON-STEROIDAL ANTI-  
INFLAMMATORY DRUG  
COMPOSITION**  
[54] **COMPOSITION D'ANTI-  
INFLAMMATOIRE NON-STEROIDIEN  
TOPIQUE**  
[72] GALASK, RUDOLPH P., US  
[72] KUMAR, VIJAY, US  
[72] BANKER, GILBERT S., US  
[71] BIOCONTROL INCORPORATED, US  
[85] 2000-03-15  
[86] 1998-09-09 (PCT/IB98/01400)  
[87] 1999-04-01 (WO99/15165)  
[30] US (08/934,948) 1997-09-22

[21] **2,304,193**  
[13] A1

[51] **Int.Cl. 7D01F 1/04 7D01F 1/06 7D01F  
6/60 7D01F 6/62**  
[25] EN  
[54] **MELT SPINNING COLORED  
POLYCONDENSATION POLYMERS**  
[54] **POLYMERES COLORES FILES  
PAR FUSION ET OBTENUS PAR  
POLYCONDENSATION**  
[72] ALBRIGHT, WILLIAM TIMOTHY,  
US  
[72] GOFF, CHRISTOPHER WADDELL,  
US  
[72] KING, CHARLES MELVIN, US  
[71] WELLMAN, INC., US  
[85] 2000-03-15  
[86] 1998-09-14 (PCT/US98/19018)  
[87] 1999-03-25 (WO99/14407)  
[30] US (08/929,831) 1997-09-15

[21] **2,304,194**  
[13] A1

[51] **Int.Cl. 7C08G 69/26 7C08G 69/30**  
[25] EN  
[54] **PARTIALLY AROMATIC  
POLYAMIDES AND A PROCESS FOR  
MAKING THEM**  
[54] **POLYAMIDES PARTIELLEMENT  
AROMATIQUES ET LEUR PROCEDE  
DE PREPARATION**  
[72] NG, HOWARD, CA  
[71] DUPONT CANADA INC., CA  
[85] 2000-03-15  
[86] 1998-09-24 (PCT/CA98/00907)  
[87] 1999-04-15 (WO99/18144)  
[30] US (60/060,770) 1997-10-02

[21] **2,304,195**  
[13] A1

[51] **Int.Cl. 7G06F 17/60**  
[25] EN  
[54] **METHOD FOR THE ANALYSIS  
AND STANDARDIZATION OF BILLS  
OF RESOURCES**  
[54] **PROCEDE D'ANALYSE ET DE  
NORMALISATION DE RELEVES DE  
RESSOURCES**  
[72] DEBUSK, BRIAN C., US  
[72] DEBUSK, ELIZABETH C., US  
[72] SHANKS, MARK W., US  
[71] DEROYAL BUSINESS SYSTEMS,  
LLC, US  
[85] 2000-03-21  
[86] 1998-09-24 (PCT/US98/19938)  
[87] 1999-04-01 (WO99/16001)  
[30] US (08/936,780) 1997-09-24

[21] **2,304,196**  
[13] A1

[51] **Int.Cl. 7A61M 1/10**  
[25] EN  
[54] **FLOW CONTROLLED BLOOD  
PUMP SYSTEM**  
[54] **SYSTEME DE POMPE A SANG A  
LIMITATION DE DEBIT**  
[72] GOLDING, LEONARD A. R., US  
[72] SMITH, WILLIAM A., US  
[71] THE CLEVELAND CLINIC  
FOUNDATION, US  
[85] 2000-03-15  
[86] 1998-05-12 (PCT/US98/08090)  
[87] 1999-04-01 (WO99/15212)  
[30] US (08/936,317) 1997-09-24

[21] **2,304,197**  
[13] A1

[51] **Int.Cl. 7A01N 1/02**  
[25] EN  
[54] **REDUCTION OF SPERM  
SENSITIVITY TO CHILLING**  
[54] **REDUCTION DE LA SENSIBILITE  
DU SPERME A LA REFRIGERATION**  
[72] BUHR, MARY, CA  
[72] HE, LIWEI, CA  
[71] UNIVERSITY OF GUELPH, CA  
[85] 2000-03-21  
[86] 1998-09-22 (PCT/CA98/00892)  
[87] 1999-04-01 (WO99/15010)  
[30] US (60/059,462) 1997-09-22

[21] **2,304,198**  
[13] A1

[51] **Int.Cl. 7C09D 143/04 7B05D 7/26**  
[25] EN  
[54] **COATING COMPOSITIONS  
CONTAINING NON-AQUEOUS  
DISPERSED POLYMER, A SILANE  
FUNCTIONAL ACRYLIC POLYMER  
AND A TRIAZINE**  
[54] **COMPOSITIONS DE  
REVETEMENT CONTENANT UN  
POLYMERE DISPERSE NON AQUEUX,  
UN POLYMERE ACRYLIQUE A  
FONCTION SILANE ET UNE TRIAZINE**  
[72] FOX, MICHAEL D., US  
[72] JOHNSON, JEFFREY W., US  
[71] E.I. DU PONT DE NEMOURS AND  
COMPANY, US  
[85] 2000-03-15  
[86] 1998-10-13 (PCT/US98/21523)  
[87] 1999-04-22 (WO99/19411)  
[30] US (60/062,118) 1997-10-15

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[21] **2,304,199**  
[13] A1

[51] **Int.Cl. 7G01N 33/34 7G01N 27/06 7G01N 33/18 7G01N 21/33**  
[25] EN  
[54] **DISSOLVED SOLIDS ANALYZER**  
[54] **ANALYSEUR DE MATIERES DISSOUTES**  
[72] BOEGH, KENNETH, CA  
[72] GARVER, THEODORE M., CA  
[71] ALBERTA RESEARCH COUNCIL INC., CA  
[85] 2000-03-15  
[86] 1998-09-18 (PCT/CA98/00874)  
[87] 1999-03-25 (WO99/14591)  
[30] CA (2,216,046) 1997-09-18

[21] **2,304,200**  
[13] A1

[51] **Int.Cl. 7G02B 6/12**  
[25] EN  
[54] **OPTICAL WAVEGUIDE COMPONENT**  
[54] **COMPOSANT DE GUIDE D'ONDES OPTIQUES**  
[72] HOEKSTRA, TSJERK HANS, GB  
[71] AKZO NOBEL N.V., NL  
[71] AKZO NOBEL N.V., NL  
[85] 2000-03-21  
[86] 1999-06-09 (PCT/EP99/04040)  
[87] 2000-02-10 (WO00/07049)  
[30] NL (98 202 496.0) 1998-07-24

[21] **2,304,201**  
[13] A1

[51] **Int.Cl. 7G01N 21/47 7G01N 21/31 7G01N 21/53**  
[25] EN  
[54] **ANALYZER FOR TEMPERATURE SENSITIVE COLLOIDAL MIXTURES**  
[54] **ANALYSEUR POUR MELANGES COLLOIDAUX SENSIBLES A LA TEMPERATURE**  
[72] GARVER, THEODORE M., CA  
[72] BOEGH, KENNETH, CA  
[71] ALBERTA RESEARCH COUNCIL INC., CA  
[85] 2000-03-15  
[86] 1998-09-18 (PCT/CA98/00871)  
[87] 1999-03-25 (WO99/14577)  
[30] CA (2,216,046) 1997-09-18

[21] **2,304,202**  
[13] A1

[51] **Int.Cl. 7A61K 31/365 7A61K 31/35 7A61K 31/355**  
[25] EN  
[54] **USE OF CITRUS LIMONOIDS AND FLAVONOIDS AS WELL AS TOCOTRIENOLS FOR THE TREATMENT OF CANCER**  
[54] **UTILISATION DE LIMONOIDES ET DE FLAVONOIDES D'AGRUMES ET DE TOCOTRIENOLS POUR LE TRAITEMENT DU CANCER**  
[72] GUTHRIE, NAJLA, CA  
[72] CARROLL, KENNETH KITCHENER (Deceased), CA  
[72] KUROWSKA, ELZBIETA MARIA, CA  
[71] KGK SYNERGIZE INC., CA  
[85] 2000-03-21  
[86] 1998-09-24 (PCT/IB98/01721)  
[87] 1999-04-01 (WO99/15167)  
[30] US (08/938,640) 1997-09-26

[21] **2,304,203**  
[13] A1

[51] **Int.Cl. 7C09F 9/00 7C09D 5/00**  
[25] FR  
[54] **ACCELERATEUR DE TEMPS DE SECHAGE D'UNE PEINTURE AQUEUSE ET PEINTURE ET PROCEDE D'APPLICATION CORRESPONDANTS**  
[54] **ACCELERATOR FOR AN AQUEOUS PAINT DRYING TIME AND CORRESPONDING PAINT AND METHOD**  
[72] POIRIER, JEAN-ERIC, FR  
[72] CALVIN, PIERRE, FR  
[72] DURAND, GRAZIELLA, FR  
[71] COLAS, FR  
[85] 2000-03-21  
[86] 1999-07-21 (PCT/FR99/01790)  
[87] 2000-02-03 (WO00/05318)  
[30] FR (98/09380) 1998-07-22

[21] **2,304,204**  
[13] A1

[51] **Int.Cl. 7A61K 31/47 7C07D 215/12 7C07D 215/14 7C07D 215/20 7C07D 215/26 7A61K 31/445**  
[25] EN  
[54] **QUINOLINE-CONTAINING .ALPHA.-KETOAMIDE CYSTEINE AND SERINE PROTEASE INHIBITORS**  
[54] **INHIBITEURS DE CYSTEINE ET DE SERINE PROTEASES, A BASE D'ALPHA.-CETOAMIDES CONTENANT DE LA QUINOLEINE**  
[72] DAINES, ROBERT A., US  
[72] CHATTERJEE, SANKAR, US  
[72] KINGSBURY, WILLIAM DENNIS, US  
[72] DUNN, DEREK DOUGLAS, US  
[72] MALLAMO, JOHN P., US  
[72] PENDRAK, ISRAEL, US  
[72] JOSEF, KURT ALLEN, US  
[72] GU, ZI-QIANG, US  
[72] SHAM, KELVIN C., US  
[71] CEPHALON, INC., US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2000-03-21  
[86] 1998-10-07 (PCT/US98/21054)  
[87] 1999-04-15 (WO99/17775)  
[30] US (60/061,267) 1997-10-07  
[30] US (09/167,193) 1998-10-06

[21] **2,304,205**  
[13] A1

[51] **Int.Cl. 7A61K 38/00 7C07K 5/00 7C07K 7/00 7C07K 17/00 7A61K 38/02**  
[25] EN  
[54] **PREVENTION OF PREGNANCY MISCARRIAGES**  
[54] **PREVENTION DES FAUSSES-COUCHES**  
[72] TRACEY, KEVIN J., US  
[72] WANG, HAICHAO, US  
[71] THE PICOWER INSTITUTE FOR MEDICAL RESEARCH, US  
[85] 2000-03-17  
[86] 1998-09-18 (PCT/US98/19579)  
[87] 1999-03-25 (WO99/13897)  
[30] US (08/932,871) 1997-09-18

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,304,206</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 5/08</b> [25] EN [54] <b>STIMULATION OF HEMATOPOIETIC CELLS IN VITRO</b> [54] <b>STIMULATION DE CELLULES HEMATOPOIETIQUES IN VITRO</b> [72] BACHOVCHIN, WILLIAM, US [72] WALLNER, BARBARA, US [71] POINT THERAPEUTICS, INC., US [85] 2000-03-13 [86] 1998-09-29 (PCT/US98/20343) [87] 1999-04-08 (WO99/16864) [30] US (60/060,306) 1997-09-29</p>	<p style="text-align: right;">[21] <b>2,304,210</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01J 61/073 7H01J 9/02</b> [25] EN [54] <b>LONG-LIFE ELECTRODE FOR HIGH PRESSURE DISCHARGE LAMP</b> [54] <b>ELECTRODE A LONGUE DUREE DE VIE POUR LAMPE A DECHARGE HAUTE PRESSION</b> [72] SETZER, CARSTEN, DE [71] PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÖHLAMPEN MBH, DE [85] 2000-03-21 [86] 1999-02-10 (PCT/DE99/00372) [87] 2000-02-17 (WO00/08672) [30] DE (198 35 476.2) 1998-08-06</p>	<p style="text-align: right;">[21] <b>2,304,213</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B21D 25/02</b> [25] EN [54] <b>STRETCH DRAW DIE AND METHOD</b> [54] <b>MATRICE D'EMBOUTISSAGE PAR ETIRAGE ET PROCEDE ASSOCIE</b> [72] TIEU, RICHARD, CA [72] HICKEY, PATRICK, CA [72] UMEDA, TATSUO, CA [72] GENSEBERGER, ERICH, CA [71] COSMA INTERNATIONAL INC., CA [85] 2000-03-14 [86] 1998-09-15 (PCT/CA98/00860) [87] 1999-03-25 (WO99/14001) [30] US (60/059,294) 1997-09-18</p>
<p style="text-align: right;">[21] <b>2,304,207</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 1/00 7C12P 21/02 7C12Q 1/02 7C12N 5/04 7C12N 5/06 7C12N 5/08 7C12N 5/10 7C12N 15/11 7C12N 15/63 7C12Q 1/68</b> [25] EN [54] <b>RNA EXPORT ELEMENT AND METHODS OF USE</b> [54] <b>ELEMENT DE TRANSPORT D'ARN ET PROCEDES D'UTILISATION</b> [72] DONELLO, JOHN EDWARD, CH [72] HOPE, THOMAS J., US [72] TRONO, DIDIER, CH [72] ZUFFEREY, ROMAIN, US [71] THE SALK INSTITUTE FOR BIOLOGICAL STUDIES, US [85] 2000-03-17 [86] 1998-09-17 (PCT/US98/19441) [87] 1999-03-25 (WO99/14310) [30] US (08/936,476) 1997-09-18</p>	<p style="text-align: right;">[21] <b>2,304,211</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 1/20 7G01N 23/04 7G01N 33/48 7G01N 33/483 7G01N 33/49 7G01N 33/50 7G01N 33/53</b> [25] EN [54] <b>GRAM NEGATIVE COCCOID BACTERIUM</b> [54] <b>BACTERIE COCCIFORME GRAM NEGATIVE</b> [72] OKADA, TAKAYUKI, AU [71] OKADA, TAKAYUKI, AU [85] 2000-03-21 [86] 1998-09-22 (PCT/AU98/00791) [87] 1999-04-08 (WO99/16861) [30] AU (PO 9346) 1997-09-22</p>	<p style="text-align: right;">[21] <b>2,304,222</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61G 7/00 7A47C 19/04 7A61G 7/057</b> [25] EN [54] <b>HOSPITAL BED HAVING A RETRACTING FOOT SECTION</b> [54] <b>LIT D'HOPITAL A PIED DE LIT ESCAMOTABLE</b> [72] WUKUSICK, PETER M., US [72] MEYER, ERIC R., US [72] ALLEN, E. DAVID, US [72] KRAMER, KENNETH L., US [72] MCDANIEL, PAUL J., III, US [72] ZWINK, DENNIS R., US [72] ULRICH, DAVID J., US [72] THOMAS, JAMES M. C., US [72] BRANSON, GREGORY W., US [71] HILL-ROM, INC., US [85] 2000-03-22 [86] 1998-09-23 (PCT/US98/20002) [87] 1999-04-01 (WO99/15126) [30] US (60/059,772) 1997-09-23 [30] US (09/120,125) 1998-07-22</p>
<p style="text-align: right;">[21] <b>2,304,208</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/85 7A61K 48/00 7C12N 5/10 7C07K 16/28</b> [25] EN [54] <b>INTRABODY-MEDIATED CONTROL OF IMMUNE REACTIONS</b> [54] <b>REGULATION A MEDIATION INTRACORPS DE REACTIONS IMMUNITAIRES.</b> [72] MHASHIKAR, ABNER, US [72] MARASCO, WAYNE, US [71] DANA-FARBER CANCER INSTITUTE, INC., US [85] 2000-03-15 [86] 1998-09-18 (PCT/US98/19563) [87] 1999-03-25 (WO99/14353) [30] US (60/059,339) 1997-09-19</p>	<p style="text-align: right;">[21] <b>2,304,212</b> [13] A1</p> <p>[51] <b>Int.Cl. 7A61N 5/00</b> [25] EN [54] <b>AFTERLOADER APPARATUS</b> [54] <b>DISPOSITIF DE CHARGEMENT DIFFERE</b> [72] CORREIA, JAMES, US [72] SHIKHMAN, OLEG, US [72] KOSTRZEWSKI, STANLISLAW, US [72] LIPRIE, SAMUEL F., US [71] ANGIORAD L.L.C., US [71] UNITED STATES SURGICAL CORPORATION, US [85] 2000-03-21 [86] 1998-09-23 (PCT/US98/19820) [87] 1999-04-01 (WO99/15235) [30] US (60/059,602) 1997-09-23</p>	<p style="text-align: right;">[21] <b>2,304,240</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C23C 22/24</b> [25] EN [54] <b>IMPROVED METHODS AND COMPOSITIONS FOR PREVENTING CORROSION OF METAL SUBSTRATES</b> [54] <b>PROCEDE AMELIORE ET COMPOSITIONS PERMETTANT DE PREVENIR LA CORROSION DE SUBSTRATS METALLIQUES</b> [72] AFFINITO, JOHN C., US [71] BRENT INTERNATIONAL PLC, GB [85] 2000-03-14 [86] 1998-09-16 (PCT/US98/19257) [87] 1999-03-25 (WO99/14399) [30] US (60/059,197) 1997-09-17</p>

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[21] **2,304,241**  
[13] A1

[51] **Int.Cl. 7G02B 27/64 7G01C 21/18 7F41G 3/32 7G01S 3/786**  
[25] EN  
[54] **SYSTEM FOR PSEUDO ON-GIMBAL, AUGOMATIC LINE-OF-SIGHT ALIGNMENT AND STABILIZATION OF OFF-GIMBAL ELECTRO-OPTICAL PASSIVE AND ACTIVE SENSORS**  
[54] **ALIGNEMENT ET STABILISATION AUTOMATIQUES D'ELEMENTS ELECTRO-OPTIQUES**  
[72] MESSINA, PETER V., US  
[71] RAYTHEON COMPANY, US  
[85] 2000-03-14  
[86] 1999-08-09 (PCT/US99/17924)  
[87] 2000-03-23 (WO00/16152)  
[30] US (09/152,952) 1998-09-14

[21] **2,304,249**  
[13] A1

[51] **Int.Cl. 7H04L 1/00**  
[25] EN  
[54] **CIRCUIT ARRANGEMENT AND METHOD FOR FORWARD ERROR CORRECTION**  
[54] **CONFIGURATION DE CIRCUIT ET PROCEDE POUR FAIRE SUIVRE LA CORRECTION D'ERREUR**  
[72] STOLL, DETLEF, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 2000-03-15  
[86] 1998-09-16 (PCT/DE98/02743)  
[87] 1999-03-25 (WO99/14884)  
[30] DE (197 40 935.0) 1997-09-17

[21] **2,304,252**  
[13] A1

[51] **Int.Cl. 7C11D 3/39 7C11D 17/00 7C11D 3/12**  
[25] EN  
[54] **BLEACH ACTIVATOR GRANULES**  
[54] **ACTIVATEURS DE BLANCHIMENT SOUS FORME DE GRANULES**  
[72] REINHARDT, GERD, DE  
[72] LOFFLER, MATTHIAS, DE  
[71] CLARIANT GMBH, DE  
[85] 2000-03-15  
[86] 1998-09-05 (PCT/EP98/05628)  
[87] 1999-03-25 (WO99/14302)  
[30] DE (197 40 671.8) 1997-09-16

[21] **2,304,299**  
[13] A1

[51] **Int.Cl. 7C08J 7/02 7A63B 53/14**  
[25] EN  
[54] **ELASTOMERIC SLEEVE, INSTALLATION PROCESS AND SOLVENTS USED THEREFOR**  
[54] **MANCHON EN ELASTOMERE, PROCEDE D'INSTALLATION ET SOLVANTS UTILISES**  
[72] MUELLER, BERNARD K., US  
[71] SEALWRAP SYSTEMS LLC, US  
[85] 2000-03-21  
[86] 1998-09-22 (PCT/US98/19532)  
[87] 1999-04-01 (WO99/14997)  
[30] US (08/934,956) 1997-09-22

[21] **2,304,340**  
[13] A1

[51] **Int.Cl. 7H04J 1/16 7H04Q 11/00 7H04L 12/28 7H04B 1/44 7H04L 12/50 7H04L 12/56**  
[25] EN  
[54] **FULL-DUPLEX COMMUNICATION PROCESSOR**  
[54] **PROCESSEUR DE COMMUNICATION EN DUPLEX**  
[72] SCHERER, GREG, US  
[72] FIACCO, PETER, US  
[72] ROACH, BRADLEY, US  
[71] EMULEX CORPORATION, US  
[85] 2000-03-20  
[86] 1998-09-24 (PCT/US98/20003)  
[87] 1999-04-01 (WO99/16195)  
[30] US (08/937,066) 1997-09-24

[21] **2,304,361**  
[13] A1

[51] **Int.Cl. 7C08L 101/00 7C08K 9/06 7C08K 3/22 7C08K 3/28 7C08K 3/34 7C08K 3/40**  
[25] EN  
[54] **PLASTIC/CERAMIC COMPOSITE MATERIAL AND PROCESS FOR PRODUCING THE SAME**  
[54] **MATERIAU COMPOSITE PLASTIQUE/CERAMIQUE ET SON PROCEDE DE FABRICATION**  
[72] OTAGIRI, TADASHI, JP  
[72] SUZUKI, TOMIO, JP  
[71] NGK INSULATORS, LTD., JP  
[85] 2000-03-20  
[86] 1998-09-28 (PCT/JP98/04322)  
[87] 1999-04-08 (WO99/16831)  
[30] JP (9-265822) 1997-09-30  
[30] JP (9-265826) 1997-09-30

[21] **2,304,396**  
[13] A1

[51] **Int.Cl. 7A61K 38/48**  
[25] EN  
[54] **PHARMACEUTICAL SUBSTANCE CONTAINING VARIOUS VITAMIN K-DEPENDENT FACTORS**  
[54] **PREPARATION PHARMACEUTIQUE CONTENANT DIVERS FACTEURS TRIBUTAIRES DE LA VITAMINE K**  
[72] TURECEK, PETER, AT  
[72] LINNAU, YENDRA, AT  
[72] SCHWARZ, HANS-PETER, AT  
[71] BAXTER AKTIENGESELLSCHAFT, AT  
[85] 2000-03-17  
[86] 1998-09-17 (PCT/AT98/00224)  
[87] 1999-04-01 (WO99/15196)  
[30] AT (A 1591/97) 1997-09-19

[21] **2,304,476**  
[13] A1

[51] **Int.Cl. 7C09K 5/06 7C04B 20/10 7B01J 13/14**  
[25] EN  
[54] **APPLICATION OF MICROCAPSULES AS LATENT HEAT ACCUMULATORS**  
[54] **UTILISATION DE MICROCAPSULES EN TANT QU'ACCUMULATEURS DE CHALEUR LATENTE**  
[72] RECK, BERND, DE  
[72] JAHNS, EKKEHARD, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-03-24  
[86] 1998-10-16 (PCT/EP98/06575)  
[87] 1999-05-20 (WO99/24525)  
[30] DE (197 49 731.4) 1997-11-11

[21] **2,304,527**  
[13] A1

[51] **Int.Cl. 7C11D 17/00 7C11D 17/02**  
[25] EN  
[54] **COMPOSITION FOR USE IN A WATER TANK**  
[54] **COMPOSITION POUR UTILISATION DANS UN RESERVOIR D'EAU**  
[72] WIEDEMANN, RALF, DE  
[72] CARBONELL, ENRIC, ES  
[72] WASCHENBACH, GUIDO, DE  
[72] ENDLEIN, EDGAR, DE  
[72] GIBIS, KARL-LUDWIG, DE  
[71] BENCKISER N.V., NL  
[85] 2000-03-28  
[86] 1999-07-23 (PCT/EP99/05263)  
[87] 2000-02-10 (WO00/06682)  
[30] DE (198 34 172.5) 1998-07-29



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[21] **2,304,552**  
[13] A1

[51] **Int.Cl. 7F25B 29/00**  
[25] EN  
[54] **THERMAL ENERGY STORAGE AND DELIVERY APPARATUS AND VEHICULAR SYSTEMS INCORPORATING SAME**  
[54] **APPAREIL DE STOCKAGE ET DE DISTRIBUTION D'ENERGIE THERMIQUE ET SYSTEMES DE VEHICULES EQUIPES DE CELUI-CI**  
[72] KELLER, GILBERT P., US  
[72] RAFALOVICH, ALEXANDER P., US  
[72] FRITZ, MICHAEL D., US  
[71] STORE HEAT AND PRODUCE ENERGY, INC., US  
[85] 2000-03-24  
[86] 1997-09-25 (PCT/US97/17235)  
[87] 1998-04-02 (WO98/13222)  
[30] US (08/719,928) 1996-09-25

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[21] **2,304,561**  
[13] A1

[51] **Int.Cl. 7C09K 3/00**  
[25] EN  
[54] **SUBSTANTIALLY ANHYDROUS FOAMING AGENT AND PROCESS FOR PRODUCING THE SAME**  
[54] **AGENT MOUSSANT SENSIBLEMENT ANHYDRE ET PROCEDE DE PRODUCTION DE CELUI-CI**  
[72] MAEKAWA, TSUKASA, JP  
[72] UEDA, NOBUYUKI, JP  
[72] SHONO, SADAFUMI, JP  
[72] TACHI, YOSHIFUMI, JP  
[72] SUMITOMO, SHIGERU, JP  
[71] OTSUKA CHEMICAL CO., LTD., JP  
[85] 2000-03-24  
[86] 1998-07-10 (PCT/JP98/03094)  
[87] 1999-09-10 (WO99/45080)  
[30] JP (10-050504) 1998-03-03  
[30] JP (10-050571) 1998-03-03  
[30] JP (10-116822) 1998-04-27

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[21] **2,304,597**  
[13] A1

[51] **Int.Cl. 7G01G 3/14 7G01G 21/23 7G01G 21/28**  
[25] EN  
[54] **WEIGHING MACHINE**  
[54] **PESE-PERSONNES**  
[72] NAKAGAWA, YOSHIYUKI, JP  
[72] SATO, TOSHIHARU, JP  
[72] NAGASHIMA, MITSUYOSHI, JP  
[71] CITIZEN WATCH CO., LTD., JP  
[85] 2000-03-28  
[86] 1999-06-09 (PCT/JP99/03072)  
[87] 2000-02-10 (WO00/06977)  
[30] JP (10/212267) 1998-07-28

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[21] **2,304,605**  
[13] A1

[51] **Int.Cl. 7H04N 5/265 7G06T 15/00**  
[25] EN  
[54] **A MOVING IMAGE COMBINING APPARATUS**  
[54] **SYNTHETISEUR D'IMAGES MOBILES**  
[72] NISHIGORI, YOSHIHISA, JP  
[72] INAGAKI, SATORU, JP  
[72] TSUDA, KENJIROU, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 2000-03-28  
[86] 1999-07-29 (PCT/JP99/04086)  
[87] 2000-02-10 (WO00/07364)  
[30] JP (10-215737) 1998-07-30

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[21] **2,304,631**  
[13] A1

[51] **Int.Cl. 7A61M 25/00**  
[25] EN  
[54] **CATHETER HAVING A HIGH TENSILE STRENGTH BRAID WIRE CONSTRAINT AND METHOD OF MANUFACTURE**  
[54] **CATHETER MAINTENU PAR UN FIL TRESSE A FORTE RESISTANCE A LA TRACTION ET PROCEDE DE FABRICATION DE CE CATHETER**  
[72] PEPIN, HENRY, US  
[72] GALDONIK, JASON A., US  
[72] BERG, TODD A, US  
[72] SCOVIL, BRIAN, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2000-03-22  
[86] 1998-08-20 (PCT/US98/17249)  
[87] 1999-04-01 (WO99/15219)  
[30] US (936,983) 1997-09-25

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[21] **2,304,644**  
[13] A1

[51] **Int.Cl. 7B01F 3/08 7C08J 3/03 7B01F 5/04**  
[25] EN  
[54] **DEVICE AND METHOD FOR PRODUCING SILICONE EMULSIONS**  
[54] **PROCEDE ET DISPOSITIF POUR PREPARER DES EMULSIONS A BASE DE SILICONE**  
[72] KLINKSIEK, BERND, DE  
[72] ORTMANN, RICHARD, DE  
[72] DE MONTIGNY, ARMAND, DE  
[71] GE BAYER SILICONES GMBH & CO. KG, DE  
[85] 2000-03-24  
[86] 1998-09-23 (PCT/EP98/06058)  
[87] 1999-04-01 (WO99/15263)  
[30] DE (197 42 308.6) 1997-09-25  
[30] DE (198 14 267.6) 1998-03-31

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[21] **2,304,647**  
[13] A1

[51] **Int.Cl. 7A61K 31/395 7A61K 45/00 7A61K 38/05 7A61K 31/40 7A61K 31/401 7A61K 31/445**  
[25] EN  
[54] **METHOD FOR PREVENTING AND TREATING HEARING LOSS USING SENSORINEUROTOPHIC COMPOUNDS**  
[54] **METHODE POUR PREVENIR ET TRAITER LA PERTE DE L'OUIE EN UTILISANT DES COMPOSES SENSORINEUROTOPIQUE**  
[72] MAGAL, ELLA, US  
[71] AMGEN INC., US  
[85] 2000-03-23  
[86] 1998-09-24 (PCT/US98/19980)  
[87] 1999-04-01 (WO99/14998)  
[30] US (60/059,905) 1997-09-24  
[30] US (60/059,963) 1997-09-25  
[30] US (09/159,105) 1998-09-23

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## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,304,655</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H01H 61/00 7F15C 5/00</b> [25] EN [54] <b>THERMAL ARCHED BEAM MICROELECTROMECHANICAL DEVICES AND ASSOCIATED FABRICATION METHODS</b> [54] <b>DISPOSITIFS MICRO-ELECTROMECHANIQUES A BARRETTES THERMO-ARQUEES ET PROCEDES DE FABRICATION ASSOCIES</b> [72] DHULER, VIJAYAKUMAR R., US [72] MAHADEVAN, RAMASWAMY, US [71] MCNC, US [85] 2000-03-22 [86] 1998-08-28 (PCT/US98/18038) [87] 1999-04-01 (WO99/16096) [30] US (08/936,598) 1997-09-24</p>	<p style="text-align: center;">[21] <b>2,304,844</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 19/077</b> [25] FR [54] <b>DISPOSITIF ELECTRONIQUE A PUCE JETABLE ET PROCEDE DE FABRICATION</b> [54] <b>ELECTRONIC DEVICE WITH DISPOSABLE CHIP AND METHOD FOR MAKING SAME</b> [72] BLANC, RENE-PAUL, FR [72] MARTIN, PHILIPPE, FR [72] GARNIER, PIERRE, FR [72] DESOUTTER, ISABELLE, FR [71] GEMPLUS, S.C.A., FR [85] 2000-03-22 [86] 1998-09-23 (PCT/FR98/02051) [87] 1999-04-08 (WO99/17252) [30] FR (97/12444) 1997-09-26 [30] FR (97/14582) 1997-11-14</p>	<p style="text-align: center;">[21] <b>2,304,846</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12M 1/33 6C12N 1/06 6C12M 3/08</b> [25] FR [54] <b>PROCEDE DE LYSE DE MICRO-ORGANISME</b> [54] <b>LYSIS METHOD FOR MICRO-ORGANISMS</b> [72] CLEUZIAT, PHILIPPE, FR [72] SANTORO, LYSE, FR [72] JAY, CORINNE, FR [72] PARIS, CECILE, FR [72] CLARK DICKEY, KATHLEEN ANN, FR [72] LOPEZ, SOPHIE, FR [72] COLIN, BRUNO, FR [71] BIO MERIEUX, FR [71] GEN-PROBE INCORPORATED, US [85] 2000-03-22 [86] 1998-09-23 (PCT/IB98/01475) [87] 1999-04-01 (WO99/15621) [30] FR (97/12164) 1997-09-23</p>
<p style="text-align: center;">[21] <b>2,304,664</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E21B 19/16 7E21B 31/03 7E21B 23/04 7E21B 19/06 7E21B 43/10 7E21B 33/126</b> [25] EN [54] <b>AN APPARATUS FOR FACILITATING THE CONNECTION OF TUBULARS USING A TOP DRIVE</b> [54] <b>RACCORDLEMENT D'ELEMENTS TUBULAIRE A MANOEUVRE PAR LE DESSUS</b> [72] APPLETON, ROBERT-PATRICK, GB [72] PIETRAS, BERND-GEORG, DE [71] WEATHERFORD/LAMB, INC., US [85] 2000-03-21 [86] 1999-07-22 (PCT/GB99/02203) [87] 2000-02-03 (WO00/05483) [30] GB (9815809.0) 1998-07-22 [30] GB (9818358.5) 1998-08-24</p>	<p style="text-align: center;">[21] <b>2,304,845</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01S 15/89</b> [25] FR [54] <b>PROCEDE DE CORRECTION DES EFFETS DES MOUVEMENTS PARASITES DE L'ANTENNE DANS UN SONAR A ANTENNE SYNTHETIQUE</b> [54] <b>METHOD FOR CORRECTING EFFECTS OF AN ANTENNA INTERFERING MOVEMENTS IN A SONAR WITH SYNTHETIC ANTENNA</b> [72] BILLON, DIDIER, FR [71] THOMSON-MARCONI SONAR S.A.S., FR [85] 2000-03-22 [86] 1998-10-06 (PCT/FR98/02130) [87] 1999-04-15 (WO99/18452) [30] FR (97/12483) 1997-10-07</p>	<p style="text-align: center;">[21] <b>2,304,847</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 1/16 6C07K 1/00 6C12N 15/00 6C07H 21/04 6C12P 21/06 6C12N 9/12</b> [25] EN [54] <b>RECOMBINANT YEAST CELL AND ASSAY USING SAME</b> [54] <b>CELLULE DE LEVURE DE RECOMBINAISON ET ESSAI FAISANT APPEL A CETTE CELLULE</b> [72] MANLY, SUSAN, US [72] GORMAN, JESSICA A., US [71] BRISTOL-MYERS SQUIBB COMPANY, US [85] 2000-03-22 [86] 1998-09-14 (PCT/US98/19095) [87] 1999-04-01 (WO99/15623) [30] US (08/935,760) 1997-09-23</p>

## PCT Applications Entering the National Phase

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[21] **2,304,848**  
[13] A1  
[51] **Int.Cl. 6C07C 253/30 6C07C 255/24 6B01J 23/745**  
[25] EN  
[54] **METHOD FOR PRODUCING ALIPHATIC ALPHA, OMEGA-AMINO NITRILES**  
[54] **PROCEDE DE PRODUCTION D'ALPHA, OMEGA-AMINONITRILES ALIPHATIQUES**  
[72] MERGER, MARTIN, DE  
[72] BASSLER, PETER, DE  
[72] LUYKEN, HERMANN, DE  
[72] ANSMANN, ANDREAS, DE  
[72] FISCHER, ROLF HARTMUTH, DE  
[72] FLICK, KLEMENS, DE  
[72] VOIT, GUIDO, DE  
[71] BASF AKTIENGESSELLSCHAFT, DE  
[85] 2000-03-22  
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[87] 1999-04-01 (WO99/15497)  
[30] DE (19742221.7) 1997-09-24

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[13] A1  
[51] **Int.Cl. 6C07D 407/14 6C07D 401/14 6C07D 413/14 6C07D 215/20 6A61K 31/37 6A61K 31/41 6A61K 31/47**  
[25] EN  
[54] **BIETHERS OF 1-OXA, AZA AND THIANAPHTHALEN-2-ONES AS PHOSPHOLAMBAN INHIBITORS**  
[54] **BIETHERS DE 1-OXA, AZA ET THIANAPHTHALENE-2-ONE INHIBITEURS DU PHOSPHOLAMBANE**  
[72] HAIKALA, HEIMO, FI  
[72] LEVIJOKI, JOUKO, FI  
[72] LjNNBERG, KARI, FI  
[72] PARHI, SEPP0, FI  
[72] KARJALAINEN, ARTO, FI  
[72] NORE, PENTTI, FI  
[72] TIAINEN, EIJA, FI  
[72] PYSTYNEN, JARMO, FI  
[71] ORION CORPORATION, FI  
[85] 2000-03-22  
[86] 1998-09-24 (PCT/FI98/00755)  
[87] 1999-04-01 (WO99/15523)  
[30] US (937,119) 1997-09-24  
[30] US (990,150) 1997-12-12  
[30] US (104,114) 1998-06-25

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[13] A1  
[51] **Int.Cl. 6C12Q 1/68 6C07H 21/04**  
[25] EN  
[54] **NORMALIZED NUCLEIC ACID LIBRARIES AND METHODS OF PRODUCTION THEREOF**  
[54] **BANQUES NORMALISEES D'ACIDES NUCLEIQUES ET LEURS PROCEDE DE PRODUCTION**  
[72] JESSEE, JOEL, US  
[72] LI, WU-BO, US  
[72] NISSON, PAUL E., US  
[71] LIFE TECHNOLOGIES, INC., US  
[85] 2000-03-22  
[86] 1998-09-24 (PCT/US98/19948)  
[87] 1999-04-01 (WO99/15702)  
[30] US (60/059,817) 1997-09-24  
[30] US (09/159,496) 1998-09-23

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[13] A1  
[51] **Int.Cl. 6C12N 15/49 6C07K 14/16 6A61K 39/21 6C12N 15/62**  
[25] EN  
[54] **FUSION PROTEINS COMPRISING HIV-1 TAT AND/OR NEF PROTEINS**  
[54] **PROTEINES DE FUSION COMPRENANT LES PROTEINES TAT ET/OU NEF DU VIH-1**  
[72] MARCHAND, MARTINE, BE  
[72] GODART, STEPHANIE ANDRE GEORGES, BE  
[72] BRUCK, CLAUDINE, BE  
[71] SMITHKLINE BEECHAM BIOLOGICALS S.A., BE  
[85] 2000-03-24  
[86] 1998-09-17 (PCT/EP98/06040)  
[87] 1999-04-08 (WO99/16884)  
[30] GB (9720585.0) 1997-09-26

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[21] **2,305,016**  
[13] A1  
[51] **Int.Cl. 6C12N 15/57 6C12N 5/10 6C12N 1/21 6C07K 16/40 6A61K 38/48 6C12N 9/52**  
[25] EN  
[54] **HUMAN COMPLEMENT C3-DEGRADING PROTEINASE FROM STREPTOCOCCUS PNEUMONIAE**  
[54] **PROTEINASE DE DEGRADATION DE LA PROTEINE DE COMPLEMENT HUMAIN C3, TIREE DU STREPTOCOCCUS PNEUMONIAE**  
[72] FINKEL, DAVID J., US  
[72] CHENG, QI, US  
[72] MASI, AMY W., US  
[72] GREEN, BRUCE A., US  
[72] HOSTETTER, MARGARET K., US  
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US  
[71] AMERICAN CYANAMID COMPANY, US  
[85] 2000-03-23  
[86] 1998-09-24 (PCT/US98/20186)  
[87] 1999-04-01 (WO99/15675)  
[30] US (60/059,907) 1997-09-24

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[13] A1  
[51] **Int.Cl. 6C12N 15/19 6A61K 38/19 6A61K 38/48 6C07K 14/52 6G01N 33/68**  
[25] EN  
[54] **AMINO-TERMINALLY TRUNCATED MCP-2 AS CHEMOKINE ANTAGONISTS**  
[54] **MCP-2 TRONQUE A ACIDE AMINE TERMINAL COMME ANTAGONISTES DE LA CHEMOKINE**  
[72] VAN DAMME, JO, BE  
[72] PROOST, PAUL, BE  
[72] STRUYF, SOFIE, BE  
[71] APPLIED RESEARCH SYSTEMS ARS HOLDING N.V., AN  
[85] 2000-03-21  
[86] 1998-09-28 (PCT/EP98/06142)  
[87] 1999-04-08 (WO99/16876)  
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<p style="text-align: right;">[21] <b>2,305,142</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61G 13/00 6A61G 12/00</b></p> <p>[25] EN</p> <p>[54] <b>MOBILE SURGICAL SUPPORT APPARATUS</b></p> <p>[54] <b>APPAREIL DE SUPPORT CHIRURGICAL MOBILE</b></p> <p>[72] BORDERS, RICHARD L., US</p> <p>[71] HILL-ROM, INC., US</p> <p>[85] 2000-04-04</p> <p>[86] 1998-11-06 (PCT/US98/23688)</p> <p>[87] 1999-05-20 (WO99/23989)</p> <p>[30] US (60/064,709) 1997-11-07</p>	<p style="text-align: right;">[21] <b>2,305,149</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/22 6H04Q 7/38</b></p> <p>[25] EN</p> <p>[54] <b>METHOD OF HANDLING SHORT MESSAGE SERVICE ACKNOWLEDGEMENT MESSAGES BETWEEN COOPERATING MOBILE SWITCHING CENTERS IN A RADIO TELECOMMUNICATIONS NETWORK</b></p> <p>[54] <b>PROCEDE DE TRAITEMENT DE MESSAGES ACCUSE RECEPTION D'UN SERVICE MESSAGES COURTS ENTRE DES CENTRES DE COMMUTATION MOBILES COOPERANT DANS UN RESEAU DE RADIOTELECOMMUNICATIONS</b></p> <p>[72] BROCHU, JEAN-PIERRE, CA</p> <p>[72] JOONG, DONALD, CA</p> <p>[72] CORRIVEAU, MICHEL, CA</p> <p>[72] RAYNAULD, JACQUES, CA</p> <p>[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE</p> <p>[85] 2000-04-04</p> <p>[86] 1998-09-29 (PCT/SE98/01753)</p> <p>[87] 1999-04-15 (WO99/18742)</p> <p>[30] US (60/061,242) 1997-10-07</p> <p>[30] US (60/061,243) 1997-10-07</p> <p>[30] US (09/078,903) 1998-05-13</p>	<p style="text-align: right;">[21] <b>2,305,158</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60Q 1/26 6G08G 1/017 6B60R 16/02 6G08G 1/054 6G07C 5/08</b></p> <p>[25] EN</p> <p>[54] <b>CENTRALISED CONTROL SYSTEM IN A POLICE VEHICLE</b></p> <p>[54] <b>SYSTEME DE COMMANDE CENTRALISEE MONTE DANS UN VEHICULE DE POLICE</b></p> <p>[72] MORGAN, JOSEPH H., US</p> <p>[72] HAUSMAN, JOHNNY R., US</p> <p>[72] WITZ, JOHN A., US</p> <p>[72] KAPPLER, DAVID, US</p> <p>[72] HUBENAK, GREG, US</p> <p>[72] CHILEK, SHAWN, US</p> <p>[72] WRIGHT, GEORGE B., US</p> <p>[71] THE TEXAS A &amp; M UNIVERSITY SYSTEM, US</p> <p>[85] 2000-04-04</p> <p>[86] 1998-08-18 (PCT/US98/17089)</p> <p>[87] 1999-02-25 (WO99/08897)</p> <p>[30] US (08/912,676) 1997-08-18</p>
<p style="text-align: right;">[21] <b>2,305,145</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F23D 14/64</b></p> <p>[25] EN</p> <p>[54] <b>INTERNAL GEOMETRY SHAPE DESIGN FOR VENTURI TUBE-LIKE GAS-AIR MIXING VALVE</b></p> <p>[54] <b>CONCEPTION A GEOMETRIE INTERNE POUR VANNE MELANGEUSE GAZ-AIR DE TYPE VENTURI</b></p> <p>[72] BERAN, ZDENEK, CZ</p> <p>[71] HONEYWELL INC., US</p> <p>[85] 2000-04-04</p> <p>[86] 1998-11-23 (PCT/US98/25057)</p> <p>[87] 1999-06-17 (WO99/30081)</p> <p>[30] US (08/987,335) 1997-12-09</p>	<p style="text-align: right;">[21] <b>2,305,163</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/00</b></p> <p>[25] EN</p> <p>[54] <b>MINIATURE SPECTROMETER SYSTEM</b></p> <p>[54] <b>SYSTEME DE SPECTROMETRE MINIATURE</b></p> <p>[72] HAMM, MARK, US</p> <p>[72] CROWLEY, ROBERT J., US</p> <p>[71] BOSTON SCIENTIFIC CORPORATION, US</p> <p>[85] 2000-04-04</p> <p>[86] 1998-10-07 (PCT/US98/21100)</p> <p>[87] 1999-04-22 (WO99/18844)</p> <p>[30] US (60/061,690) 1997-10-10</p>	

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[51] **Int.Cl. 6G06F 9/32 6G06F 9/46**  
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[54] **METHOD FOR IMPROVED INTERRUPT HANDLING WITHIN A MICROPROCESSOR**  
[54] **PROCEDE D'AMELIORATION DU TRAITEMENT D'INTERRUPTIONS DANS UN MICROPROCESSEUR**  
[72] HAMMAR, CLAES LENNART, SE  
[72] HAKANSSON, STEFAN, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-04-04  
[86] 1998-09-22 (PCT/SE98/01699)  
[87] 1999-04-15 (WO99/18497)  
[30] US (08/946,639) 1997-10-07

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[13] A1

[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **METHOD OF ROUTING CALLS TO PORTABLE NUMBERS IN A RADIO TELECOMMUNICATIONS NETWORK**  
[54] **PROCEDE D'ACHEMINEMENT D'APPELS VERS DES TELEPHONES PORTABLES DANS UN RESEAU DE RADIOTELECOMMUNICATIONS**  
[72] BISHAI, NADIA, CA  
[72] BRITT, MARGARET, CA  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-04-04  
[86] 1998-10-02 (PCT/SE98/01782)  
[87] 1999-04-15 (WO99/18749)  
[30] US (60/061,241) 1997-10-07  
[30] US (09/140,713) 1998-08-26

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[13] A1

[51] **Int.Cl. 6E04C 3/07 6E04C 3/11**  
[25] EN  
[54] **STRUCTURAL SHAPE FOR USE IN FRAME CONSTRUCTION**  
[54] **PROFILE DE CONSTRUCTION UTILISABLE DANS UNE CONSTRUCTION A OSSATURE**  
[72] LARSON, JAY W., US  
[71] BETHLEHEM STEEL CORPORATION, US  
[85] 2000-03-29  
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[87] 1999-04-22 (WO99/19577)  
[30] US (08/950,343) 1997-10-14

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[13] A1

[51] **Int.Cl. 7C12N 15/10 7C07H 21/00 6B03C 1/01 6C07H 1/08 6C03C 17/30 7H01F 1/36 7C12Q 1/37 7G01N 33/551 6C12Q 1/68**  
[25] EN  
[54] **AUTOMATABLE METHOD FOR PREPARING SAMPLES WHICH CAN BE UNIVERSALLY APPLIED**  
[54] **PROCEDE DE PREPARATION D'ECHANTILLONS AUTOMATISABLE, A USAGE UNIVERSEL**  
[72] HARTTIG, HERBERT, DE  
[72] MARKERT-HAHN, CHRISTINE, DE  
[72] KLEIBER, JOERG, DE  
[71] ROCHE DIAGNOSTICS GMBH, DE  
[85] 2000-03-29  
[86] 1998-09-29 (PCT/EP98/06196)  
[87] 1999-04-08 (WO99/16781)  
[30] DE (197 43 518.1) 1997-10-01

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[13] A1

[51] **Int.Cl. 6G06F 17/60 6G06F 1/00 6G06F 15/02**  
[25] EN  
[54] **SYSTEM AND METHOD FOR MANAGING APPLICATION INSTALLATION FOR A MOBILE DEVICE**  
[54] **SYSTEME ET PROCEDE DE GESTION DE L'INSTALLATION D'APPLICATIONS AU PROFIT D'UN DISPOSITIF MOBILE**  
[72] SHIELDS, KEVIN, US  
[72] CHEN, JAMES, US  
[71] MICROSOFT CORPORATION, US  
[85] 2000-03-29  
[86] 1998-10-23 (PCT/US98/22455)  
[87] 1999-05-06 (WO99/22325)  
[30] US (60/063,164) 1997-10-24  
[30] US (60/064,986) 1997-11-07  
[30] US (09/058,031) 1998-04-10

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[13] A1

[51] **Int.Cl. 6H04Q 7/30**  
[25] EN  
[54] **MOBILE COMMUNICATIONS SYSTEM AND A TRANSCODER UNIT**  
[54] **SYSTEME DE COMMUNICATION MOBILE ET UNITE DE TRANSCODAGE**  
[72] KOISTINEN, TOMMI, FI  
[72] SUVANEN, JYRI, FI  
[71] NOKIA NETWORKS OY, FI  
[85] 2000-03-29  
[86] 1998-10-16 (PCT/FI98/00807)  
[87] 1999-04-29 (WO99/21383)  
[30] FI (973975) 1997-10-16

[21] **2,305,174**  
[13] A1

[51] **Int.Cl. 6H04M 15/00 6H04Q 3/00**  
[25] EN  
[54] **METHOD FOR ARRANGING TRANSACTION BASED BILLING FOR TELEPHONE SERVICES**  
[54] **PROCEDE DE FACTURATION EN FONCTION D'OPERATIONS EFFECTUEES POUR DES SERVICES TELEPHONIQUES**  
[72] JAAKKOLA, JORMA, FI  
[72] AIRAKSINEN, JUKKA, FI  
[72] SARKKI, MIKA, FI  
[72] KOSONEN, MARTTI, FI  
[71] SONERA OYJ, FI  
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[86] 1997-10-06 (PCT/FI97/00601)  
[87] 1999-04-29 (WO99/21350)

[21] **2,305,175**  
[13] A1

[51] **Int.Cl. 6B65D 5/54 6B65D 71/00 6B65D 75/58**  
[25] EN  
[54] **OVERWRAP TRAYPACK**  
[54] **SURENVELOPPE POUR CONDITIONNEMENT-PRESENTATION**  
[72] LERMER, STEPHEN CARL, US  
[72] GITTER, DAVID LINDSAY, US  
[71] WARNER-LAMBERT COMPANY, US  
[85] 2000-03-29  
[86] 1998-11-10 (PCT/US98/23919)  
[87] 1999-07-15 (WO99/35039)  
[30] US (09/002,850) 1998-01-05

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[21] **2,305,176**  
[13] A1

[51] **Int.Cl. 6A23G 3/30**  
[25] EN  
[54] **METHOD FOR CONTINUOUSLY PRODUCING CHEWING GUM**  
[54] **PROCEDE DE PRODUCTION EN CONTINU DE GOMME A MACHER**  
[72] BUNKERS, JOSEPH M., US  
[72] WARRINGTON, RICHARD MARK, US  
[72] BARRERA, GEORGE ALBERT, US  
[72] POLAK, WILLIAM M., US  
[72] DUGGAN, JAMES A., US  
[72] JANI, BHARAT K., US  
[71] WARNER-LAMBERT COMPANY, US  
[85] 2000-03-29  
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[87] 1999-07-08 (WO99/33353)  
[30] US (09/001,158) 1997-12-30

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[21] **2,305,178**  
[13] A1

[51] **Int.Cl. 6B21D 51/30 6G03G 15/10**  
[25] EN  
[54] **FLUID DISPENSING SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION DE FLUIDE**  
[72] GODFREY, MICHAEL, US  
[72] RUTLEDGE, CLINTON W., US  
[72] WEIL, WILLIAM W., US  
[72] BUCKLEY, IAN J., US  
[71] PREFERRED MACHINING CORPORATION, US  
[85] 2000-03-29  
[86] 1998-08-05 (PCT/US98/16286)  
[87] 1999-04-08 (WO99/16562)  
[30] US (08/941,855) 1997-09-30

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[13] A1

[51] **Int.Cl. 6A61K 47/10**  
[25] EN  
[54] **ORAL PREPARATION**  
[54] **PREPARATION ORALE**  
[72] MURAKAMI, TOSHIO, JP  
[72] II, NORITAKA, JP  
[71] DAIICHI PHARMACEUTICAL CO., LTD., JP  
[85] 2000-03-29  
[86] 1998-09-29 (PCT/JP98/04374)  
[87] 1999-04-08 (WO99/16470)  
[30] JP (9-265441) 1997-09-30

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[13] A1

[51] **Int.Cl. 6A61K 31/00 6C07D 413/04 6C07D 498/04 6C07D 261/08 6C07D 215/12 6A61K 31/135 6C07D 217/14 6C07D 261/20 6C07D 333/20 6C07D 239/26 6C07C 211/28 6C07D 277/28 6C07D 333/28 6C07C 211/29 6A61K 31/34 6A61K 31/38 6A61K 31/42 6A61K 31/425 6A61K 31/435 6A61K 31/47 6G01N 33/50 6C07D 307/52 6C07D 263/56 6C07D 333/58 6C07D 277/66 6C07D 307/81**  
[25] EN  
[54] **IH-MODULATORS**  
[54] **MODULATEURS DE CANAL IH**  
[72] LEYSEN, DIRK, BE  
[72] THORN, SIMON NICHOLAS, GB  
[72] RUIGT, GERARDUS STEPHANUS FRANCISCUS, NL  
[72] CARLYLE, IAN CRAIG, GB  
[72] RAE, DUNCAN ROBERTSON, GB  
[72] GROVE, SIMON JAMES ANTHONY, GB  
[72] DIJCKS, FREDERICUS ANTONIUS, NL

[71] AKZO NOBEL N.V., NL  
[85] 2000-03-29  
[86] 1998-10-14 (PCT/EP98/06651)  
[87] 1999-04-22 (WO99/18941)  
[30] US (08/950,359) 1997-10-14

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[13] A1

[51] **Int.Cl. 6C12N 9/28 6C11D 3/386**  
[25] EN  
[54] **.ALPHA.-AMYLASE MUTANTS**  
[54] **MUTANTS D'.ALPHA.-AMYLASE**  
[72] SVENDSEN, ALLAN, DK  
[72] BISGARD-FRANTZEN, HENRIK, DK  
[72] BORCHERT, TORBEN VEDEL, DK  
[71] NOVO NORDISK A/S, DK  
[85] 2000-04-04  
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[87] 1999-04-22 (WO99/19467)  
[30] DK (1172/97) 1997-10-13

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[13] A1

[51] **Int.Cl. 6G01N 33/576**  
[25] EN  
[54] **METHOD FOR ASSAYING HEPATITIS C VIRUS**  
[54] **PROCEDE POUR LA DETERMINATION DE L'HEPATITE A VIRUS DE TYPE C**  
[72] AOYAGI, KATSUMI, JP  
[72] IIDA, KUMIKO, JP  
[72] OHUE, CHIHARU, JP  
[72] YAGI, SHINTARO, JP  
[71] ADVANCED LIFE SCIENCE INSTITUTE, INC., JP  
[85] 2000-03-29  
[86] 1999-07-30 (PCT/JP99/04129)  
[87] 2000-02-10 (WO00/07023)  
[30] JP (10/216094) 1998-07-30

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[13] A1

[51] **Int.Cl. 6C11D 1/44 6C11D 3/39 6C11D 1/65**  
[25] EN  
[54] **ALKOXYLATED AMINES AND THEIR USE IN CLEANING COMPOSITIONS**  
[54] **AMINES ALCOXYLEES ET LEUR UTILISATION DANS DES COMPOSITIONS NETTOYANTES**  
[72] BOLZONI, GIUSEPPE VINCENZO, IT  
[72] FERRO, EMANUELA, IT  
[72] BARTOLETTI, MARCELLA MARGHERITA LEDA, IT  
[72] MORRIS, RONALD MEREDITH, HU  
[72] GALLI, MARCO, IT  
[71] UNILEVER PLC, GB  
[85] 2000-03-29  
[86] 1998-10-09 (PCT/EP98/06633)  
[87] 1999-04-22 (WO99/19431)  
[30] GB (9721691.5) 1997-10-13

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<p style="text-align: right;">[21] <b>2,305,194</b> [13] A1</p> <p>[51] <b>Int.Cl. 7D21H 11/20 7D21H 17/51 7D21H 17/52</b> [25] EN [54] <b>RESIN-TREATED MERCERIZED FIBERS AND PRODUCTS THEREOF</b> [54] <b>FIBRES MERCERISEES TRAITEES A LA RESINE ET PRODUITS PREPARES AVEC CES DERNIERES</b> [72] CRENSHAW, SUSAN L. H., US [72] GRIMES, ELLEN A., US [72] BELL, WHITTEN R., US [71] BKI HOLDING CORPORATION, US [71] PHILLIPS, ARTHUR F., US [85] 2000-03-29 [86] 1998-09-29 (PCT/US98/20547) [87] 1999-04-08 (WO99/16961) [30] US (60/060,278) 1997-09-29</p>	<p style="text-align: right;">[21] <b>2,305,200</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/22</b> [25] EN [54] <b>LOCAL INFORMATION BROADCAST SYSTEM</b> [54] <b>SYSTEME DE DIFFUSION D'INFORMATIONS LOCALES</b> [72] KAWAI, EIJI, JP [72] YOSHIMORI, MASAHARU, JP [72] ITO, TAKESHI, JP [71] SONY COMPUTER ENTERTAINMENT INC., JP [85] 2000-03-29 [86] 1999-07-30 (PCT/JP99/04117) [87] 2000-02-10 (WO00/07392) [30] JP (10/215760) 1998-07-30</p>	<p style="text-align: right;">[21] <b>2,305,206</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/195 6A61K 9/08 6A23L 1/305</b> [25] EN [54] <b>REMEDY FOR HEPATOPATHY</b> [54] <b>MEDICAMENT POUR L'HEPATOPATHIE</b> [72] KOGA, HIROSHI, JP [72] KOMATSU, HIROMICHI, JP [72] SATOMI, SUSUMU, JP [72] CHIN, MASAHIRO, JP [72] DOI, HIDEYUKI, JP [71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP [85] 2000-03-29 [86] 1998-09-30 (PCT/JP98/04405) [87] 1999-04-08 (WO99/16433) [30] JP (265793/1997) 1997-09-30</p>
<p style="text-align: right;">[21] <b>2,305,195</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/0245</b> [25] EN [54] <b>METHOD AND APPARATUS FOR NUISANCE ALARM REDUCTIONS</b> [54] <b>PROCEDE ET DISPOSITIF DE REDUCTION DES ALARMES INJUSTIFIEES</b> [72] BAKER, CLARK R., US [72] MOSHIER, RICHARD D., US [72] YORKEY, THOMAS J., US [71] NELLCOR PURITAN BENNETT INCORPORATED, US [85] 2000-03-29 [86] 1998-08-28 (PCT/US98/17848) [87] 1999-04-08 (WO99/16348) [30] US (08/940,438) 1997-09-30</p>	<p style="text-align: right;">[21] <b>2,305,202</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 21/47</b> [25] EN [54] <b>ACTIVE OPTICAL DETECTOR</b> [54] <b>DETECTEUR OPTIQUE ACTIF</b> [72] LACOT, ERIC, FR [72] STOECKEL, FRÉDÉRIC, FR [71] UNIVERSITE JOSEPH FOURIER, FR [85] 2000-03-29 [86] 1998-09-30 (PCT/FR98/02092) [87] 1999-04-08 (WO99/17099) [30] FR (97/12391) 1997-09-30</p>	<p style="text-align: right;">[21] <b>2,305,207</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/36</b> [25] EN [54] <b>METHOD AND APPARATUS FOR OPTIMIZING ANTENNA TILT</b> [54] <b>PROCEDE ET APPAREIL OPTIMALISANT L'INCLINAISON D'UNE ANTENNE</b> [72] KRONESTEDT, FREDRIC, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-03-29 [86] 1998-09-29 (PCT/SE98/01751) [87] 1999-04-08 (WO99/17576) [30] US (08/941,204) 1997-09-30</p>
<p style="text-align: right;">[21] <b>2,305,196</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 1/04</b> [25] EN [54] <b>OPHTHALMIC LENSES</b> [54] <b>VERRES OPHTALMIQUES</b> [72] VAN DER ZANDEN, MARJAN ELISABETH, NL [72] BOS, WILLEM, NL [72] BREEVELD, RICARDO HENRY, NL [71] AKZO NOBEL N.V., NL [85] 2000-03-29 [86] 1998-09-17 (PCT/EP98/06039) [87] 1999-04-08 (WO99/17137) [30] EP (97203005.0) 1997-09-30</p>	<p style="text-align: right;">[21] <b>2,305,204</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C12Q 1/02 6C12N 1/19 6C12N 15/31 6C07K 14/395 6C07K 14/47 6G01N 33/50 6C12N 15/62 6C12Q 1/68</b> [25] EN [54] <b>YEAST CELLS EXPRESSING MODIFIED G PROTEINS AND METHODS OF USE THEREFOR</b> [54] <b>CELLULES DE LEVURE EXPRIMANT DES PROTEINES MODIFIEES G ET PROCEDES D'UTILISATION ASSOCIES</b> [72] BENEGAL, ANUPAMA N., US [72] MANFREDI, JOHN P., US [72] XU, JUN, US [72] PAUL, JEREMY I., US [72] KLEIN, CHRISTINE A., US [72] BROACH, JAMES R., US [72] TRUEHEART, JOSHUA, US [72] MURPHY, ANDREW J., US [71] CADUS PHARMACEUTICAL CORPORATION, US [85] 2000-04-06 [86] 1998-10-07 (PCT/US98/21168) [87] 1999-04-15 (WO99/18211) [30] US (08/946,298) 1997-10-07</p>	<p style="text-align: right;">[21] <b>2,305,208</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E04H 12/24 6H02G 1/02 6H02G 7/02</b> [25] EN [54] <b>SAG COMPENSATOR FOR SUSPENDED LINES</b> [54] <b>COMPENSATEUR D'AFFAISSEMENT POUR LIGNES ELECTRIQUES SUSPENDUES</b> [72] SHIRMOHAMADI, MANUCHEHER, US [71] SHIRMOHAMADI, MANUCHEHER, US [85] 2000-03-31 [86] 1999-08-06 (PCT/US99/17819) [87] 2000-02-17 (WO00/08275) [30] US (09/130,815) 1998-08-07</p>

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<p style="text-align: right;">[21] <b>2,305,209</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/34 6H04B 17/00</b> [25] EN [54] <b>OPERATION AND MAINTENANCE LINK FOR ANTENNA EQUIPMENT</b> [54] <b>LIAISON FONCTIONNEMENT ET DE MAINTENANCE DESTINEE A UN EQUIPEMENT ANTENNE</b> [72] ERIKSSON, HAKAN, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-03-29 [86] 1998-09-22 (PCT/SE98/01700) [87] 1999-04-08 (WO99/17572) [30] US (08/940,337) 1997-09-30</p>	<p style="text-align: right;">[21] <b>2,305,214</b> [13] A1</p> <p>[51] <b>Int.Cl. 7E05F 3/00 7E05F 3/22</b> [25] EN [54] <b>DOOR CLOSER</b> [54] <b>FERME-PORTE</b> [72] MIGCHIELSEN, ROGER, DE [72] PARZANKA, LARS, DE [72] FENGLER, RAINER, DE [72] GINZEL, OLAF, DE [71] DORMA GMBH &amp; CO. KG, DE [85] 2000-03-30 [86] 1999-05-06 (PCT/EP99/03113) [87] 2000-02-17 (WO00/08285) [30] DE (198 34 889.4) 1998-08-03 [30] DE (298 22 258.2) 1998-12-16</p>	<p style="text-align: right;">[21] <b>2,305,221</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 15/00</b> [25] EN [54] <b>METHODS AND APPARATUS FOR MANIFOLD ARRAY PROCESSING</b> [54] <b>PROCEDES ET APPAREIL DE TRAITEMENT MATRICIEL MULTIPLE</b> [72] BARRY, EDWIN F., US [72] DRABENSTOTT, THOMAS L., US [72] PECHANEK, GERALD G., US [72] PITSIANIS, NIKOS P., US [71] BOPS INCORPORATED, US [85] 2000-04-04 [86] 1998-10-09 (PCT/US98/21478) [87] 1999-04-22 (WO99/19807) [30] US (08/949,122) 1997-10-10</p>
<p style="text-align: right;">[21] <b>2,305,210</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E02D 29/02</b> [25] EN [54] <b>SOIL REINFORCEMENT</b> [54] <b>ARMATURE DE SOL</b> [72] PRICE, DERRICK IAN PETER, GB [71] PRICE, DERRICK IAN PETER, GB [85] 2000-03-28 [86] 1998-09-28 (PCT/GB98/02912) [87] 1999-04-08 (WO99/16979) [30] GB (9720632.0) 1997-09-29</p>	<p style="text-align: right;">[21] <b>2,305,215</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 257/02 6C08F 12/08</b> [25] EN [54] <b>METHOD OF PRODUCTION OF PARTICULATE POLYMERS</b> [54] <b>PROCEDE DE FABRICATION DE POLYMERES EN PARTICULES</b> [72] TOGERSEN, SVEIN, NO [72] MORK, PREBEN, NO [71] DYN0 SPECIALTY POLYMERS AS, NO [85] 2000-03-30 [86] 1998-10-06 (PCT/GB98/02985) [87] 1999-04-22 (WO99/19375) [30] GB (9721603.0) 1997-10-10 [30] US (09/072,859) 1998-05-05</p>	<p style="text-align: right;">[21] <b>2,305,222</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F23G 5/16</b> [25] EN [54] <b>INCINERATOR FOR REMOVING NOXIOUS SUBSTANCES</b> [54] <b>INCINERATEUR POUR L'ELIMINATION DE SUBSTANCES NOCIVES</b> [72] MAEJIMA, TAKASHI, JP [71] MAEJIMA, TAKASHI, JP [71] MAEJIMA, FUMIO, JP [85] 2000-04-04 [86] 1998-09-07 (PCT/JP98/03998) [87] 2000-03-16 (WO00/14450) [30] JP (10/250518) 1998-09-04</p>
<p style="text-align: right;">[21] <b>2,305,211</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63B 69/36</b> [25] EN [54] <b>GOLF TRAINING DEVICE</b> [54] <b>APPAREIL D'ENTRAINEMENT POUR LE GOLF</b> [72] NEMECKAY, STEPHEN A., US [71] NEMECKAY, STEPHEN A., US [85] 2000-03-30 [86] 1998-09-30 (PCT/US98/21350) [87] 1999-04-08 (WO99/16513) [30] US (08/941,415) 1997-09-30</p>	<p style="text-align: right;">[21] <b>2,305,217</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04M 17/00 6H04M 15/00 6H04Q 3/00</b> [25] EN [54] <b>COMMUNICATIONS SYSTEM AND A METHOD THEREFOR</b> [54] <b>SYSTEME DE COMMUNICATIONS ET PROCEDE S'Y RAPPORTANT</b> [72] AHOLA, KALEVI, FI [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-03-30 [86] 1998-10-01 (PCT/FI98/00776) [87] 1999-04-15 (WO99/18713) [30] FI (973884) 1997-10-03</p>	<p style="text-align: right;">[21] <b>2,305,223</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G06F 1/00</b> [25] EN [54] <b>DATA PROCESSING SYSTEM, APPARATUS AND METHOD</b> [54] <b>SYSTEME, APPAREIL ET PROCEDE DE TRAITEMENT DE DONNEES</b> [72] ITO, TAKESHI, JP [71] SONY COMPUTER ENTERTAINMENT INC., JP [85] 2000-03-29 [86] 1999-08-02 (PCT/JP99/04139) [87] 2000-02-10 (WO00/07086) [30] JP (10/218295) 1998-07-31</p>



## PCT Applications Entering the National Phase

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[21] **2,305,225**  
[13] A1

[51] **Int.Cl. 6A01G 9/10**  
[25] EN  
[54] **INFLATABLE PLANT SUPPORT STRUCTURE**  
[54] **STRUCTURE SUPPORT GONFLABLE POUR VEGETAUX**  
[72] HOWE, JEFFREY L., US  
[71] HOWE, JEFFREY L., US  
[85] 2000-03-29  
[86] 1998-10-02 (PCT/CA98/00936)  
[87] 1999-04-15 (WO99/17603)  
[30] US (60/060,771) 1997-10-02

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[21] **2,305,228**  
[13] A1

[51] **Int.Cl. 7H02J 7/35 7H02J 7/14**  
[25] EN  
[54] **SELF-CONTAINED RECHARGING DEVICE FOR PORTABLE TELEPHONE AND/OR BATTERY AND/OR PROTECTIVE CASE**  
[54] **DISPOSITIF DE RECHARGE AUTONOME POUR TELEPHONE PORTABLE ET/OU BATTERIE ET/OU ETUI DE PROTECTION**  
[72] BARGUIRDJIAN, PASCAL, FR  
[71] SARL-TECKNISOLAR-SENI, FR  
[85] 2000-03-29  
[86] 1999-07-29 (PCT/FR99/01870)  
[87] 2000-02-10 (WO00/07277)  
[30] FR (98/09957) 1998-07-30

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[21] **2,305,231**  
[13] A1

[51] **Int.Cl. 6G06F 9/44 6G06F 17/60**  
[25] EN  
[54] **COMPUTER-IMPLEMENTED DECISION MANAGEMENT SYSTEM WITH DYNAMICALLY GENERATED QUESTIONS AND ANSWER CHOICES**  
[54] **SYSTEME INFORMATIQUE D'AIDE A LA DECISION COMPRENANT DES CHOIX DE QUESTIONS ET DE REPONSES GENERES DE MANIERE DYNAMIQUE**  
[72] FAGG, FRED D., III, US  
[72] BERGSMAN, PETER D., US  
[71] EXPERT SYSTEMS PUBLISHING CO., US  
[85] 2000-03-31  
[86] 1998-10-06 (PCT/US98/21086)  
[87] 1999-04-15 (WO99/18500)  
[30] US (08/946,543) 1997-10-07

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[21] **2,305,234**  
[13] A1

[51] **Int.Cl. 6G02B 6/02 6A61B 17/36**  
[25] EN  
[54] **METHODS AND APPARATUS FOR ABLATING TISSUE**  
[54] **TECHNIQUES D'ABLATION DE TISSUS ET DISPOSITIF CORRESPONDANT**  
[72] HARTMAN, RAYMOND A., US  
[71] ACCULASE INC., US  
[85] 2000-04-04  
[86] 1998-10-02 (PCT/US98/20648)  
[87] 1999-04-15 (WO99/18460)  
[30] US (08/943,961) 1997-10-06

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[21] **2,305,237**  
[13] A1

[51] **Int.Cl. 6G11B 27/031**  
[25] EN  
[54] **FRAME-BASED AUDIO CODING WITH ADDITIONAL FILTERBANK TO ATTENUATE SPECTRAL SPLATTER AT FRAME BOUNDARIES**  
[54] **CODAGE AUDIO SUR LA BASE DE TRAMES AVEC DES BANCS DE FILTRES SUPPLEMENTAIRES POUR ATTENUER UN DEPASSEMENT DE CANAL SPECTRAL AUX LIMITES DE TRAMES**  
[72] FIELDER, LOUIS DUNN, US  
[71] DOLBY LABORATORIES LICENSING CORPORATION, US  
[85] 2000-04-04  
[86] 1998-10-15 (PCT/US98/21700)  
[87] 1999-04-29 (WO99/21187)  
[30] US (08/953,106) 1997-10-17

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[21] **2,305,238**  
[13] A1

[51] **Int.Cl. 6F01N 3/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR USING FREE RADICALS TO REDUCE POLLUTANTS IN THE EXHAUST GASES FROM THE COMBUSTION OF A FUEL**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT D'UTILISER DES RADICAUX LIBRES POUR REDUIRE LES POLLUANTS DANS LES GAZ D'ECHAPPEMENT ISSUS DE LA COMBUSTION D'UN CARBURANT**  
[72] EKCHIAN, JACK A., US  
[72] CAREN, ROBERT P., US  
[72] EKCHIAN, LEON, US  
[71] LITEX, INC., US  
[85] 2000-04-06  
[86] 1998-10-06 (PCT/US98/21042)  
[87] 1999-04-15 (WO99/18333)  
[30] US (08/947,287) 1997-10-07

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[21] **2,305,239**  
[13] A1

[51] **Int.Cl. 6B31C 1/00 6B29C 47/00 6B31C 3/00 6B65H 81/00 6B32B 31/18**  
[25] EN  
[54] **SPIRAL FORMED PRODUCTS AND METHOD OF MANUFACTURE**  
[54] **PRODUITS EN FORME DE SPIRALE ET PROCEDE DE FABRICATION**  
[72] HENDERSON, RANDAL, US  
[71] NOMACO, INC., US  
[85] 2000-04-04  
[86] 1998-10-07 (PCT/US98/21143)  
[87] 1999-04-29 (WO99/20457)  
[30] US (60/061,985) 1997-10-16  
[30] US (09/153,508) 1998-09-15

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[21] **2,305,241**  
[13] A1

[51] **Int.Cl. 7H04R 25/00**  
[25] EN  
[54] **METHOD FOR PRODUCING AN ADJUSTMENT PART TO BE INTRODUCED INTO AN ORGANIC CAVITY OF THE HUMAN BODY**  
[54] **PROCEDE DE PRODUCTION D'UNE PIECE D'AJUSTAGE A INTRODUIRE DANS UNE CAVITE ORGANIQUE CHEZ L'HOMME**  
[72] SCHMIDT, RAINER, DE  
[71] AUDIO CONSULTING - GESELLSCHAFT FUR STRATEGISCHES MARKETING MBH, DE  
[85] 2000-03-30  
[86] 1999-07-16 (PCT/EP99/05086)  
[87] 2000-02-17 (WO00/08895)  
[30] DE (198 34 849.5) 1998-08-01

[21] **2,305,244**  
[13] A1

[51] **Int.Cl. 6F02M 51/00 6F02M 51/02 6F02M 51/06 6F02M 61/16 6F02M 61/18**  
[25] EN  
[54] **VAPOUR FUEL INJECTION VALVE**  
[54] **INJECTEUR DE CARBURANT SOUS FORME DE VAPEUR**  
[72] CAMPBELL, BILL ROSS, AU  
[71] GAS INJECTION TECHNOLOGIES PTY. LTD., AU  
[85] 2000-04-06  
[86] 1998-10-07 (PCT/AU98/00837)  
[87] 1999-04-15 (WO99/18345)  
[30] AU (PO 9648) 1997-10-07

[21] **2,305,246**  
[13] A1

[51] **Int.Cl. 6C08J 9/12**  
[25] EN  
[54] **MICROCELLULAR DUROMER-FOAMS AND METHOD FOR PRODUCING THE SAME**  
[54] **MOUSSES DUROMERES MICROCELLULAIRES ET PROCEDE PERMETTANT DE LES PRODUIRE**  
[72] RAKUTT, DIETMAR, CH  
[72] DAUM, ULRICH, CH  
[71] LONZA AG, CH  
[85] 2000-03-30  
[86] 1998-10-27 (PCT/CH98/00457)  
[87] 1999-05-14 (WO99/23142)  
[30] CH (2517/97) 1997-10-31

[21] **2,305,250**  
[13] A1

[51] **Int.Cl. 6C10C 3/02 6C08L 95/00 6C10C 3/14 6C08K 3/34 6C08K 3/36**  
[25] EN  
[54] **METHOD FOR RUBBERIZING AND/OR PELLETIZING TRINIDAD LAKE ASPHALT**  
[54] **TRAITEMENT PERMETTANT LE CAOUTCHOUTAGE ET LA GRANULATION DE L'ASPHALTE DU LAC DE TRINITE**  
[72] NICHOLAS, DOLLY, TT  
[71] NICHOLAS, DOLLY, TT  
[85] 2000-04-06  
[86] 1998-10-07 (PCT/IB98/01560)  
[87] 1999-04-22 (WO99/19423)  
[30] US (60/061,461) 1997-10-09  
[30] US (60/061,496) 1997-10-09  
[30] US (60/064,101) 1997-11-03  
[30] US (60/064,124) 1997-11-03  
[30] US (60/075,876) 1998-02-25

[21] **2,305,252**  
[13] A1

[51] **Int.Cl. 6C09D 9/00 6C11D 7/18**  
[25] EN  
[54] **PAINT STRIPPING COMPOSITION**  
[54] **COMPOSITION DE DECAPAGE DE PEINTURE**  
[72] TEAR, DAVID M., US  
[72] SUMMERFIELD, STEPHEN R., US  
[72] MOORE, MICHAEL E., US  
[72] MAXWELL, JEFFREY W., US  
[71] GAGE PRODUCTS COMPANY, US  
[85] 2000-03-30  
[86] 1997-09-30 (PCT/US97/17461)  
[87] 1999-04-08 (WO99/16839)

[21] **2,305,255**  
[13] A1

[51] **Int.Cl. 6C07D 239/48 6C07D 401/04 6C07D 401/06 6C07D 401/12 6C07D 239/42 6C07D 239/46 6A61K 31/505 6C07D 239/52**  
[25] EN  
[54] **SUBSTITUTED PYRIMIDINE DERIVATIVES, THEIR PREPARATION AND THEIR USE IN THE TREATMENT OF NEURODEGENERATIVE OR NEUROLOGICAL DISORDERS OF THE CENTRAL NERVOUS SYSTEM**  
[54] **DERIVEES DE PYRIMIDINES SUBSTITUEES, LEUR PREPARATION ET LEUR UTILISATION POUR LE TRAITEMENT DES TROUBLES NEURODEGENERATIFS OU NEUROLOGIQUES DU SYSTEME NERVEUX CENTRAL**  
[72] KELLEY, JAMES L., US  
[72] KRENITSKY, THOMAS A., US  
[72] BEAUCHAMP, LILIA M., US  
[71] KRENITSKY PHARMACEUTICAL, INC., US  
[85] 2000-04-10  
[86] 1998-10-13 (PCT/US98/21517)  
[87] 1999-04-22 (WO99/19305)  
[30] US (60/062,339) 1997-10-15

[21] **2,305,262**  
[13] A1

[51] **Int.Cl. 6A01N 43/38 6A01N 33/02**  
[25] EN  
[54] **METHOD FOR TREATING ALZHEIMER'S DISEASE**  
[54] **METHODE DE TRAITEMENT DE LA MALADIE D'ALZHEIMER**  
[72] HOWLETT, DAVID ROBERT, GB  
[72] MITCHELL, DAVINA ELIZABETH, GB  
[71] BOEHRINGER MANNHEIM PHARMACEUTICALS CORPORATION - SMITHKLINE BECKMAN COR, US  
[85] 2000-04-10  
[86] 1998-10-15 (PCT/US98/21789)  
[87] 1999-04-22 (WO99/18794)  
[30] US (60/062,366) 1997-10-15

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[21] **2,305,263**  
[13] A1

[51] **Int.Cl. 7H04Q 7/14**  
[25] EN  
[54] **INFORMATION TRANSMISSION METHOD**  
[54] **PROCEDE DE TRANSMISSION D'INFORMATIONS**  
[72] KAWAI, EIJI, JP  
[72] YOSHIMORI, MASAHARU, JP  
[72] ITO, TAKESHI, JP  
[71] SONY COMPUTER ENTERTAINMENT INC., JP  
[85] 2000-03-30  
[86] 1999-08-02 (PCT/JP99/04140)  
[87] 2000-02-10 (WO00/07387)  
[30] JP (10/218297) 1998-07-31

[21] **2,305,266**  
[13] A1

[51] **Int.Cl. 6B41M 3/14**  
[25] EN  
[54] **LATENT IMAGE STRUCTURE**  
[54] **STRUCTURE D'IMAGE LATENTE**  
[72] STONE, DAVID ALLEN, GB  
[71] DE LA RUE INTERNATIONAL LIMITED, GB  
[85] 2000-04-10  
[86] 1999-03-19 (PCT/GB99/00878)  
[87] 1999-09-30 (WO99/48697)  
[30] GB (9806077.5) 1998-03-20

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[51] **Int.Cl. 6G06F 15/18 6C12Q 1/68**  
[25] EN  
[54] **CONTROL OF NUCLEIC ACID AMPLIFICATION PROCEDURES INCLUDING THE POLYMERASE CHAIN REACTION (PCR)**  
[54] **CONTROLE DES PROCEDURES D'AMPLIFICATION D'ACIDE NUCLEIQUE, Y COMPRIS L'AMPLIFICATION EN CHAINE PAR POLYMERASE (ACP)**  
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[72] CLARKSON, JOHN MICHAEL, GB  
[71] MOLECULAR SENSORS LIMITED, GB  
[85] 2000-03-29  
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[87] 1999-04-15 (WO99/18516)  
[30] GB (9720926.6) 1997-10-03

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[51] **Int.Cl. 6G03B 21/14 6G02B 6/04**  
[25] EN  
[54] **OPTICAL PROJECTION APPARATUS AND METHOD**  
[54] **APPAREIL ET TECHNIQUE DE PROJECTION OPTIQUE**  
[72] BEISER, LEO, US  
[71] BEISER, LEO, US  
[85] 2000-03-30  
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[25] EN  
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[54] **LIT POUR BEBE**  
[72] KING, SUSAN MELTON, US  
[71] KING, SUSAN MELTON, US  
[85] 2000-03-30  
[86] 1998-09-10 (PCT/US98/18747)  
[87] 1999-03-18 (WO99/12449)  
[30] US (08/926,477) 1997-09-10

[21] **2,305,274**  
[13] A1

[51] **Int.Cl. 6G02B 6/16 6G02B 6/34**  
[25] EN  
[54] **METHOD FOR FABRICATION OF IN-LINE OPTICAL WAVEGUIDE REFRACTIVE INDEX GRATINGS OF ANY LENGTH**  
[54] **PROCEDE DE FABRICATION D'UN RESEAU D'INDICE DE REFRACTION AYANT UNE LONGUEUR QUELCONQUE POUR GUIDE D'ONDE OPTIQUE EN LIGNE**  
[72] PEPIN, RONALD P., US  
[72] BRENNAN, JAMES F., III, US  
[72] BEAUCHESNE, GERARD A., US  
[72] LABRAKE, DWAYNE L., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-03-29  
[86] 1998-07-02 (PCT/US98/13916)  
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[30] US (08/942,590) 1997-10-02

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[13] A1

[51] **Int.Cl. 6G01N 33/531 6G01N 21/78**  
[25] EN  
[54] **APPARATUS AND METHOD FOR ANALYTE DETECTION**  
[54] **APPAREIL ET PROCEDE POUR LA DETECTION D'UNE SUBSTANCE A ANALYSER**  
[72] CHANDLER, HOWARD MILNE, AU  
[71] ENTERIX INC., US  
[85] 2000-04-04  
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[30] US (08/944,858) 1997-10-06  
[30] AU (PP 3461) 1998-05-11

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[51] **Int.Cl. 6C08G 18/42 6C08J 9/14**  
[25] EN  
[54] **POLYOL BLENDS FOR PRODUCING HYDROCARBON-BLOWN POLYURETHANE AND POLYISOCYANURATE FOAMS**  
[54] **MELANGES DE POLYOLS POUR LA PRODUCTION DE MOUSSES DE POLYURETHANE ET DE POLYISOCYANURATE A GONFLANT A BASE D'HYDROCARBURE**  
[72] HICKEY, F. LEO, US  
[71] STEPAN COMPANY, US  
[85] 2000-04-10  
[86] 1998-10-07 (PCT/US98/21077)  
[87] 1999-04-22 (WO99/19377)  
[30] US (08/949,239) 1997-10-10

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[51] **Int.Cl. 6C07D 409/06 6C07D 409/14 6A61K 31/445**  
[25] EN  
[54] **ANTIPSYCHOTIC SUBSTITUTED PIPERIDINE DERIVATIVES**  
[54] **DERIVES DE PIPERIDINE SUBSTITUES**  
[72] JAAP, DAVID ROBERT, GB  
[72] RAE, DUNCAN ROBERTSON, GB  
[71] AKZO NOBEL N.V., NL  
[85] 2000-03-29  
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[25] EN  
[54] **DETERGENT-MAKING PROCESS USING A HIGH ACTIVE SURFACTANT PASTE CONTAINING MID-CHAIN BRANCHED SURFACTANTS**  
[54] **PROCEDE DE PRODUCTION DE DETERGENTS UTILISANT UNE PATE DE TENSIO-ACTIFS HAUTEMENT ACTIVE CONTENANT DES TENSIO-ACTIFS RAMIFIES EN MILIEU DE CHAINE**  
[72] CULVER, GAYLE ELIZABETH, US  
[72] JENSEN, MICHAEL CHRIS, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-04-04  
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[87] 1999-04-22 (WO99/19455)  
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[13] A1

[51] **Int.Cl. 6G06F 13/38 6H04L 29/06**  
[25] EN  
[54] **SYSTEM AND METHOD FOR INTERACTION BETWEEN A DESKTOP COMPUTER AND MULTIPLE MOBILE DEVICES**  
[54] **SYSTEME ET PROCEDE D'INTERACTION ENTRE UN ORDINATEUR DE BUREAU ET DES DISPOSITIFS MOBILES MULTIPLES**  
[72] VED, HARESH G., US  
[72] FLANAGIN, STEVE, US  
[72] HU, GEORGE, US  
[71] MICROSOFT CORPORATION, US  
[85] 2000-03-29  
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[30] US (60/063,164) 1997-10-24  
[30] US (60/064,986) 1997-11-07  
[30] US (09/058,528) 1998-04-10

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[13] A1

[51] **Int.Cl. 6C07D 211/58**  
[25] EN  
[54] **METHOD FOR PURIFYING 4-AMINO-PIPERIDINES**  
[54] **PROCEDE DE PURIFICATION DE 4-AMINO-PIPERIDINES**  
[72] SIEGEL, HARDO, DE  
[72] JULIUS, MANFRED, DE  
[72] SIEGEL, WOLFGANG, DE  
[72] WITZEL, TOM, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-03-28  
[86] 1998-09-25 (PCT/EP98/06117)  
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[30] DE (19743433.9) 1997-10-01

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[13] A1

[51] **Int.Cl. 7B22D 11/10**  
[25] EN  
[54] **CONTINUOUS CASTING METHOD, AND DEVICE THEREFOR**  
[54] **PROCEDE DE COULEE CONTINUE ET DISPOSITIF AFFERENT**  
[72] KIM, IN CHEOL, KR  
[72] KIM, SANG JOON, KR  
[72] CHO, MYUNG JONG, KR  
[72] KIM, JONG KEUN, KR  
[71] RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY, KR  
[71] POHANG IRON & STEEL CO., LTD., KR  
[85] 2000-03-29  
[86] 1999-07-30 (PCT/KR99/00413)  
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[30] KR (1998/31788) 1998-08-04

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[13] A1

[51] **Int.Cl. 6H04L 12/56 6H04Q 11/04**  
[25] EN  
[54] **NON-ZERO MINIMUM CELL RATE FOR AVAILABLE BIT RATE ATM SERVICE**  
[54] **DEBIT DE CELLULE MINIMAL DIFFERENT DE ZERO POUR DEBIT BINAIRE DISPONIBLE DANS SERVICE ATM**  
[72] THOMAS, ROBERT E., US  
[72] ABE, KOHEI, JP  
[72] PEI, TONG-BI, US  
[71] CABLETRON SYSTEMS, INC., US  
[71] KABUSHIKI KAISYA TOSHIBA, US  
[85] 2000-03-28  
[86] 1998-11-17 (PCT/US98/24560)  
[87] 1999-05-27 (WO99/26446)  
[30] US (08/972,663) 1997-11-18

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[13] A1

[51] **Int.Cl. 6A23J 1/14 6A23L 1/211**  
[25] EN  
[54] **METHOD FOR TREATING AND PROCESSING LUPINE SEEDS CONTAINING ALKALOID, OIL AND PROTEIN**  
[54] **PROCEDE DE TRAITEMENT ET DE TRANSFORMATION DE GRAINES DE LUPIN RENFERMANT DES ALCALOIDES, DES HUILES ET DES PROTEINES**  
[72] BORCHERDING, AXEL, DE  
[72] HOLLEY, WOLFGANG, DE  
[72] NURRENBACH, TILL, DE  
[72] LUCK, THOMAS, DE  
[72] WASCHE, ANDREAS, DE  
[71] FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE  
[85] 2000-03-29  
[86] 1998-10-08 (PCT/DE98/02982)  
[87] 1999-04-15 (WO99/17619)  
[30] DE (DE 197 44 469.5) 1997-10-08  
[30] DE (DE 198 13 207.7) 1998-03-25

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[13] A1

[51] **Int.Cl. 6A61K 31/00 6A61K 31/425 6A61K 31/44**  
[25] EN  
[54] **USE OF THIAZOLIDINEDIONES FOR THE TREATMENT OF HYPERGLYCAEMIA**  
[54] **UTILISATION DE THIAZOLIDINEDIONES POUR LE TRAITEMENT DE L'HYPERGLYCEMIE**  
[72] BUCKINGHAM, ROBIN EDWIN, GB  
[72] SMITH, STEPHEN ALISTAIR, GB  
[71] SMITHKLINE BEECHAM P.L.C., GB  
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[54] **SIEGE INCLINABLE**  
[72] YAMAMOTO, NORITAKA, JP  
[72] FUKUDA, MAKOTO, JP  
[72] WAKIMOTO, KUNIHISA, JP  
[72] WATADANI, TAKESHI, JP  
[71] NAMBA PRESS WORKS CO., LTD., JP  
[85] 2000-04-10  
[86] 1999-06-02 (PCT/JP99/02949)  
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[30] JP (HEISEI 10(1998)-226792) 1998-08-11

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[13] A1

[51] **Int.Cl. 7A61K 31/137 7A61P 11/02 7A61P 11/08 7A61P 27/08**  
[25] EN  
[54] **(-)-PHENYLPROPANOLAMINE AS A SYMPATHOMIMETIC DRUG**  
[54] **(-)-PHENYLPROPANOLAMINE EN TANT QUE MEDICAMENT SYMPATHOMIMETIQUE**  
[72] FORSTER, MICHAEL, US  
[72] CAFFREY, JAMES L., US  
[72] YORIO, THOMAS, US  
[72] RAVEN, PETER, US  
[72] SHERMAN, WILLIAM T., US  
[72] GWIRTZ, PATRICIA, US  
[72] BOOTH, ANTHONY R., US  
[71] WARNER-LAMBERT COMPANY, US  
[85] 2000-04-10  
[86] 1999-01-28 (PCT/US99/02023)  
[87] 1999-09-30 (WO99/48483)  
[30] US (60/078,950) 1998-03-23  
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[13] A1

[51] **Int.Cl. 6D21H 17/62 6C08L 3/04 6C08L 93/04**  
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[54] **EMULSION DE COLOPHANE**  
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[72] ROBERTS, JOHN C., GB  
[71] RAISIO CHEMICALS UK LTD., GB  
[85] 2000-04-07  
[86] 1998-10-08 (PCT/GB98/03006)  
[87] 1999-04-15 (WO99/18288)  
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[13] A1

[51] **Int.Cl. 6E21B 17/07 6E21B 31/113**  
[25] EN  
[54] **GAS-FILLED ACCELERATOR**  
[54] **ACCELERATEUR A GAZ**  
[72] EVANS, ROBERT W., US  
[71] WEATHERFORD/LAMB, INC., US  
[85] 2000-04-07  
[86] 1998-10-05 (PCT/US98/20863)  
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[30] US (08/947,622) 1997-10-09

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[13] A1

[51] **Int.Cl. 6A61D 7/04**  
[25] EN  
[54] **HEAD-ONLY ANIMAL EXPOSURE CHAMBERS**  
[54] **CHAMBRE D'INHALATION POUR ANIMAUX NE RECEVANT QUE LA TETE**  
[72] EHRHART, WILLIAM, US  
[72] ROTHENBERG, SIMON J., US  
[72] DEWEES, DANIEL, US  
[72] DEARLOVE, GEORGE, US  
[72] BARNETT, JOHN, US  
[71] GENZYME TRANSGENICS CORPORATION, US  
[85] 2000-04-07  
[86] 1998-09-30 (PCT/US98/20503)  
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[30] US (08/947,315) 1997-10-08

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[13] A1

[51] **Int.Cl. 6G01D 4/00 6G01K 17/00 6G01R 21/00 6G01F 15/06**  
[25] EN  
[54] **A DEVICE AND A METHOD OF METERING AND DISPLAYING ENERGY CONSUMPTION AND A METHOD OF CALIBRATING THE DEVICE**  
[54] **DISPOSITIF ET PROCEDE DE MESURE ET D'AFFICHAGE DE LA CONSOMMATION D'ENERGIE ET PROCEDE D'ETALONNAGE D'UN TEL DISPOSITIF**  
[72] HUMLUM, CLAUS, DK  
[71] HUMLUM ENERGY CONSULT APS, DK  
[85] 2000-04-07  
[86] 1998-10-28 (PCT/DK98/00467)  
[87] 1999-05-14 (WO99/23455)  
[30] DK (1239/97) 1997-10-30

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[13] A1

[51] **Int.Cl. 6C11D 3/00 6C11D 3/20 6C11D 3/37 6C11D 3/39 6C11D 1/72**  
[25] EN  
[54] **LIQUID MULTIPURPOSE-CLEANING COMPOSITIONS WITH EFFECTIVE FOAM CONTROL**  
[54] **COMPOSITIONS NETTOYANTES LIQUIDES POLYVALENTES A REGULATION EFFICACE DU MOUSSAGE**  
[72] SCORSINI, CARLA, IT  
[72] RICCI, CARLO, IT  
[72] DEL DUCA, VALERIO, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-04-07  
[86] 1998-10-07 (PCT/US98/21172)  
[87] 1999-04-15 (WO99/18181)  
[30] EP (97870150.6) 1997-10-08

[21] **2,305,310**  
[13] A1

[51] **Int.Cl. 6G06K 5/00**  
[25] EN  
[54] **TRANSACTION APPARATUS**  
[54] **APPAREIL DE TRANSACTION**  
[72] RAMACHANDRAN, NATARAJAN, US  
[71] DIEBOLD, INCORPORATED, US  
[85] 2000-04-07  
[86] 1999-03-17 (PCT/US99/05839)  
[87] 1999-10-28 (WO99/54841)  
[30] US (60/082,299) 1998-04-17  
[30] US (09/076,051) 1998-05-11

[21] **2,305,318**  
[13] A1

[51] **Int.Cl. 6G06F 17/30**  
[25] EN  
[54] **METHOD FOR CLUSTERING SEQUENCES IN GROUPS**  
[54] **PROCEDE DE REGROUPEMENT DE SEQUENCES PAR FAMILLES**  
[72] KRAUSE, ANTJE, DE  
[72] VINGRON, MARTIN, DE  
[71] DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES yFFENTLICHEN RECHTS, DE  
[85] 2000-03-31  
[86] 1998-08-14 (PCT/DE98/02422)  
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[51] **Int.Cl. 6G07F 19/00**  
[25] EN  
[54] **AUTOMATED BANKING MACHINE WITH SELF AUDITING CAPABILITIES AND SYSTEM**  
[54] **GUICHET AUTOMATIQUE BANCAIRE AVEC CAPACITE ET SYSTEME D'AUTO-SURVEILLANCE**  
[72] EASTMAN, JEFFREY, US  
[72] FORCE, MATHEW, US  
[72] OWENS, MARK, US  
[72] GRAEF, H. THOMAS, US  
[72] BOWSER, ROBERT, US  
[72] HARTY, MICHAEL, US  
[72] RYAN, MIKE, US  
[72] LINDROOS, MICHAEL E., US  
[72] JUNKINS, ANDREW, US  
[71] DIEBOLD, INCORPORATED, US  
[85] 2000-04-07  
[86] 1998-11-19 (PCT/US98/24821)  
[87] 1999-06-10 (WO99/28846)  
[30] US (60/067,298) 1997-11-28  
[30] US (60/094,314) 1998-07-27  
[30] US (09/193,016) 1998-11-17

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[51] **Int.Cl. 6C11D 3/39 6C11D 3/20 6C11D 1/62 6C11D 1/72 6C11D 1/90 6C11D 1/94**  
[25] EN  
[54] **LIQUID AQUEOUS BLEACHING COMPOSITIONS**  
[54] **COMPOSITIONS DE BLANCHIMENT AQUEUSES LIQUIDES**  
[72] DEL DUCA, VALERIO, IT  
[72] SCARAMELLA, ROBERTO, IT  
[72] RICCI, CARLO, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-04-07  
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[51] **Int.Cl. 6H04M 3/50**  
[25] EN  
[54] **METHOD FOR CUSTOMIZING AND MANAGING INFORMATION IN A VOICE MAIL SYSTEM TO FACILITATE CALL HANDLING**  
[54] **PROCEDE DE PERSONNALISATION ET DE GESTION D'INFORMATION DANS UN SYSTEME DE MESSAGERIE ELECTRONIQUE VOCAL POUR FACILITER LE TRAITEMENT DES APPELS**  
[72] CASTAGNA, WILLIAM D., US  
[71] PULSEPOINT COMMUNICATIONS, US  
[85] 2000-03-31  
[86] 1998-10-01 (PCT/US98/20517)  
[87] 1999-04-08 (WO99/17524)  
[30] US (60/060,812) 1997-10-01

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[13] A1

[51] **Int.Cl. 6C11D 1/90 6C11D 3/39 6C11D 1/92**  
[25] EN  
[54] **LIQUID BLEACHING COMPOSITIONS WITH IMPROVED SAFETY TO FABRICS AND COLORS**  
[54] **COMPOSITIONS LIQUIDES DE BLANCHIMENT AVEC PROTECTION AMELIOREE DES TISSUS ET DES COULEURS**  
[72] DEL DUCA, VALERIO, IT  
[72] GIUNTI, STEFANO, IT  
[72] ANTONIOLI, SABINA, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-04-07  
[86] 1998-10-07 (PCT/US98/21240)  
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[51] **Int.Cl. 6C11D 17/06 6C11D 1/00 6C11D 11/00 6C11D 1/14 6C11D 1/29**  
[25] EN  
[54] **PROCESSES FOR MAKING A GRANULAR DETERGENT COMPOSITION CONTAINING MID-CHAIN BRANCHED SURFACTANTS**  
[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION DETERGENTE GRANULAIRE CONTENANT DES TENSIOACTIFS RAMIFIES EN MILIEU DE CHAINE**  
[72] ROBERTS, NIGEL PATRICK SOMERVILLE, GB  
[72] DODD, MALCOLM MACCLAREN, GB  
[72] JENSEN, MICHAEL CHRIS, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-03-31  
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[87] 1999-04-22 (WO99/19454)  
[30] US (60/061,876) 1997-10-10

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[13] A1

[51] **Int.Cl. 6B65D 81/05**  
[25] EN  
[54] **SHOCK ABSORBING COMPONENT FOR PACKAGING**  
[54] **COMPOSANT D'EMBALLAGE ABSORBANT LES CHOCS**  
[72] SIMPSON, EUGENE D., US  
[71] THE SIMPSON COMPANY, US  
[85] 2000-03-30  
[86] 1998-09-24 (PCT/US98/20016)  
[87] 1999-04-15 (WO99/18009)  
[30] US (08/943,516) 1997-10-03

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[13] A1

[51] **Int.Cl. 6B67D 5/54**  
[25] EN  
[54] **METHOD AND APPARATUS FOR DRAINING CONNECTING PIPES BETWEEN TANKS**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE PURGER DES TUYAUX DE CONNEXION DE CITERNES**  
[72] LIE, SVEIN OLAF, NO  
[71] LIE, SVEIN OLAF, NO  
[85] 2000-04-07  
[86] 1998-10-21 (PCT/NO98/00316)  
[87] 1999-04-29 (WO99/20561)  
[30] NO (19974850) 1997-10-21

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<p style="text-align: right;">[21] <b>2,305,327</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 1/37 6C11D 7/10</b> [25] EN [54] <b>DETERGENT COMPOSITION CONTAINING MID-CHAIN BRANCHED SURFACTANTS AND AN ELECTROLYTE FOR IMPROVED PERFORMANCE</b> [54] <b>COMPOSITION DETERGENTE CONTENANT DES TENSIOACTIFS RAMIFIES EN MILIEU DE CHAINE ET UN ELECTROLYTE POUR UNE MEILLEURE PERFORMANCE</b> [72] KVIETOK, FRANK ANDREZ, US [72] KATSUDA, RINKO, JP [72] HELTOVICS, GABOR, GB [72] GODFROID, ROBERT ALLEN, US [72] VINSON, PHILLIP KYLE, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-03-31 [86] 1998-10-09 (PCT/US98/21359) [87] 1999-04-22 (WO99/19430) [30] US (60/061,879) 1997-10-10</p>	<p style="text-align: right;">[21] <b>2,305,330</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 3/22 6C11D 1/00 6C11D 1/14</b> [25] EN [54] <b>MID-CHAIN BRANCHED SURFACTANTS WITH CELLULOSE DERIVATIVES</b> [54] <b>TENSIOACTIFS RAMIFIES EN MILIEU DE CHAINE AVEC DERIVES CELLULOSIQUES</b> [72] KATSUDA, RINKO, JP [72] KAWASAKI, ERIKO, JP [72] MURATA, SUSUMU, JP [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-03-31 [86] 1997-10-10 (PCT/US97/18841) [87] 1999-04-22 (WO99/19445)</p>	<p style="text-align: right;">[21] <b>2,305,339</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47C 7/62</b> [25] EN [54] <b>CHAIR STORAGE UNIT</b> [54] <b>ELEMENT DE RANGEMENT POUR CHAISE</b> [72] HOFFMAN, JON, US [72] GOTTLIEB, JEREMY D., US [72] ROSENSAFT, LESTER J., US [71] THE JEREMY GROUP, US [85] 2000-04-07 [86] 1998-10-08 (PCT/US98/21122) [87] 1999-04-15 (WO99/17639) [30] US (08/946,926) 1997-10-08</p>
<p style="text-align: right;">[21] <b>2,305,329</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23L 1/00 6A23B 4/10 6A23B 4/20 6A23L 1/314 6A23L 1/318 6A23L 1/325</b> [25] EN [54] <b>WOF INHIBITOR</b> [54] <b>INHIBITEUR CONTRE LA FORMATION DE GOUT DE RECHAUFFE</b> [72] KURPPA, LASSE JUHANI, FI [71] SLK FOUNDATION, PA [85] 2000-04-07 [86] 1998-10-07 (PCT/FI98/00787) [87] 1999-04-22 (WO99/18811) [30] FI (973929) 1997-10-10</p>	<p style="text-align: right;">[21] <b>2,305,333</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/39</b> [25] EN [54] <b>TRANSMYOCARDIAL REVASCULARIZATION USING RADIOFREQUENCY ENERGY</b> [54] <b>REVASCULARISATION TRANSMYOCARDIQUE AU MOYEN D'ENERGIE RADIOFREQUENCE</b> [72] KESTEN, RANDY J., US [72] SIMPSON, CARL J., US [72] AITA, MICHAEL, US [71] CARDIOGENESIS CORPORATION, US [85] 2000-03-31 [86] 1998-10-02 (PCT/US98/20799) [87] 1999-04-15 (WO99/17671) [30] US (08/942,874) 1997-10-02 [30] US (08/947,290) 1997-10-07 [30] US (09/107,077) 1998-06-29</p>	<p style="text-align: right;">[21] <b>2,305,342</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 471/14 6C07D 221/00 6C07D 235/00 6A61K 31/435</b> [25] EN [54] <b>DIPYRIDOIMIDAZOLDERIVATIVES USEFUL IN TREATING CENTRAL NERVOUS SYSTEM DISORDERS</b> [54] <b>DERIVES DE DIPYRIDO-IMIDAZOLE UTILES POUR LE TRAITEMENT DE TROUBLES DU SYSTEME NERVEUX CENTRAL</b> [72] MARYANOFF, BRUCE E., US [72] MCNALLY, JAMES J., US [72] MCCOMSEY, DAVID, US [72] NORTEY, SAMUEL O., US [72] REITZ, ALLEN B., US [71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US [85] 2000-04-07 [86] 1998-10-05 (PCT/US98/20802) [87] 1999-04-15 (WO99/18105) [30] US (60/061,248) 1997-10-07</p>
<p style="text-align: right;">[21] <b>2,305,334</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G05B 13/02</b> [25] EN [54] <b>OPTIMAL AUTO-TUNER FOR USE IN A PROCESS CONTROL NETWORK</b> [54] <b>AUTO-SYNTONISATEUR OPTIMAL POUR RESEAU DE COMMANDE DE PROCEDE</b> [72] JUNK, KENNETH W., US [71] FISHER CONTROLS INTERNATIONAL, INC., US [85] 2000-04-07 [86] 1998-07-30 (PCT/US98/15771) [87] 1999-04-22 (WO99/19778) [30] US (08/950,954) 1997-10-15</p>	<p style="text-align: right;">[21] <b>2,305,343</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60J 5/04</b> [25] EN [54] <b>PROTECTIVE BAR FOR VEHICLE DOOR</b> [54] <b>BARRE DE PROTECTION DESTINEE A UNE PORTE DE VEHICULE</b> [72] BRADTKE, ROBERT C., US [71] PULLMAN INDUSTRIES, INC., US [85] 2000-03-31 [86] 1998-10-01 (PCT/US98/20668) [87] 1999-04-15 (WO99/17947) [30] US (60/061,103) 1997-10-03</p>	

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[21] **2,305,348**  
[13] A1

[51] **Int.Cl. 6C07D 471/04 6C07D 221/00 6C07D 235/00 6A61K 31/435**  
[25] EN  
[54] **NAPHTHO-IMIDAZO-1,2-A]PYRIDINE DERIVATIVES, THEIR PREPARATION AND THEIR USE IN TREATING CENTRAL NERVOUS SYSTEM DISORDERS**  
[54] **DERIVES DE NAPHTO-IMIDAZO-1-2]PYRIDINE, LEUR PREPARATION ET LEUR UTILISATION POUR LE TRAITEMENT DE TROUBLES DU SYSTEME NERVEUX CENTRAL**  
[72] SANFILIPPO, PAULINE, US  
[72] REITZ, ALLEN B., US  
[72] MCNALLY, JAMES J., US  
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US  
[85] 2000-04-07  
[86] 1998-10-05 (PCT/US98/20865)  
[87] 1999-04-15 (WO99/18104)  
[30] US (60/061,234) 1997-10-07

[21] **2,305,349**  
[13] A1

[51] **Int.Cl. 6A61K 38/39 6A61F 2/14 6A61K 47/30 6A61K 38/38 6A61K 31/74**  
[25] EN  
[54] **METHODS AND PHARMACEUTICAL COMPOSITIONS FOR THE CLOSURE OF RETINAL BREAKS**  
[54] **PROCEDES ET COMPOSITIONS PHARMACEUTIQUES DESTINES A REFERMER LES DECHIRURES RETINIENNES**  
[72] IRVINE, ALEXANDER R., US  
[72] HUBBELL, JEFFREY A., CH  
[72] SCHWARTZ, DANIEL M., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-04-03  
[86] 1998-10-27 (PCT/US98/22749)  
[87] 1999-05-06 (WO99/21512)  
[30] US (60/063,297) 1997-10-27

[21] **2,305,351**  
[13] A1

[51] **Int.Cl. 6C11D 17/06 6C11D 1/00 6C11D 11/00 6C11D 1/83**  
[25] EN  
[54] **PROCESS FOR MAKING A HIGH DENSITY GRANULAR DETERGENT COMPOSITION CONTAINING MID-CHAIN BRANCHED SURFACTANTS**  
[54] **PROCEDE DE PRODUCTION D'UNE COMPOSITION DETERGENTE GRANULAIRE CONTENANT DES TENSIOACTIFS RAMIFIES EN MILIEU DE CHAINE**  
[72] EBIHARA, FUKUJI, JP  
[72] JENSEN, MICHAEL CHRIS, US  
[72] KAZUTA, TAKASHI, JP  
[72] SHIBUYA, YASUHIKO, JP  
[72] TATSUNO, TERUAKI, JP  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-03-31  
[86] 1998-10-09 (PCT/US98/21420)  
[87] 1999-04-22 (WO99/19453)  
[30] US (60/061,878) 1997-10-10

[21] **2,305,353**  
[13] A1

[51] **Int.Cl. 6C07D 211/76 6C07D 401/06 6C07D 409/06 6C07D 413/06 6C07D 417/06 6C07D 261/08 6C07D 295/108 6C07D 295/13 6C07D 333/20 6C07D 333/22 6C07D 277/28 6C07D 263/32 6C07D 263/34 6A61K 31/495 6C07D 277/56**  
[25] EN  
[54] **HETEROCYCLES USEFUL IN THE TREATMENT OF BENIGN PROSTATIC HYPERPLASIA AND INTERMEDIATES THEREOF**  
[54] **HETEROCYCLES UTILES POUR LE TRAITEMENT DE L'HYPERPLASIE PROSTATIQUE BENIGNE ET LEURS INTERMEDIAIRES**  
[72] KUO, GEE-HONG, US  
[72] PROUTY, CATHERINE, US  
[72] LI, XIAOBING, US  
[72] MURRAY, WILLIAM V., US  
[72] KHATUYA, HARIPADA, US  
[72] HUTCHINGS, RICHARD H., US  
[71] ORTHO-MCNEIL PHARMACEUTICAL, INC., US  
[85] 2000-04-07  
[86] 1998-10-09 (PCT/US98/21470)  
[87] 1999-04-22 (WO99/19299)  
[30] US (60/061,618) 1997-10-09

[21] **2,305,355**  
[13] A1

[51] **Int.Cl. 6F25B 5/00 6F25B 41/00**  
[25] EN  
[54] **PRE-COOLER DEVICE**  
[54] **DISPOSITIF DE REFROIDISSEMENT PREALABLE**  
[72] DANIEL, LUIS, US  
[71] LUJADA, INC., US  
[85] 2000-03-31  
[86] 1997-10-01 (PCT/US97/18133)  
[87] 1999-04-08 (WO99/17064)

[21] **2,305,356**  
[13] A1

[51] **Int.Cl. 6B05D 1/02 6D06M 23/10 6D21H 23/50**  
[25] EN  
[54] **SPRAY APPLICATION OF AN ADDITIVE COMPOSITION TO SHEET MATERIALS**  
[54] **PULVERISATION D'UNE COMPOSITION D'ADDITION SUR DES MATIERES EN FEUILLES**  
[72] NIELSEN, KENNETH ANDREW, US  
[72] GOAD, JEFFREY DALE, US  
[72] BAUMERT, DUANE FRANCIS, US  
[72] CESARETTI, RICHARD SCOTT, US  
[71] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION, US  
[85] 2000-04-07  
[86] 1998-10-09 (PCT/US98/21382)  
[87] 1999-04-22 (WO99/19081)  
[30] US (60/062,028) 1997-10-10

[21] **2,305,357**  
[13] A1

[51] **Int.Cl. 6C23F 13/00**  
[25] EN  
[54] **CATHODIC PROTECTION METHODS AND APPARATUS**  
[54] **PROCEDES ET APPAREIL DE PROTECTION CATHODIQUE**  
[72] REDDI, SATYANARAYANA, US  
[71] FLUOR DANIEL, INC., US  
[85] 2000-03-30  
[86] 1998-02-06 (PCT/US98/02308)  
[87] 1999-04-15 (WO99/18261)  
[30] US (60/060,666) 1997-10-02



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[21] **2,305,360**  
[13] A1

[51] **Int.Cl. 6H01F 1/44**  
[25] EN  
[54] **MAGNETORHEOLOGICAL FLUID**  
[54] **LIQUIDE**  
**MAGNETORHEOLOGIQUE**  
[72] PHULE, PRADEEP P., US  
[71] UNIVERSITY OF PITTSBURGH OF  
THE COMMONWEALTH SYSTEM OF  
HIGHER EDUCATION, US  
[85] 2000-03-28  
[86] 1998-09-29 (PCT/US98/20312)  
[87] 1999-04-08 (WO99/17308)  
[30] US (60/060,296) 1997-09-29  
[30] US (09/070,073) 1998-04-30

[21] **2,305,361**  
[13] A1

[51] **Int.Cl. 6F16K 11/074**  
[25] EN  
[54] **MULTI-WAY STOP OR DIVERTER**  
**VALVE**  
[54] **ROBINET INVERSEUR OU**  
**D'ARRET A PLUSIEURS VOIES**  
[72] KNAPP, FRANCESCO, IT  
[71] MASCO CORPORATION, US  
[85] 2000-03-30  
[86] 1998-10-06 (PCT/US98/20974)  
[87] 1999-04-15 (WO99/18378)  
[30] IT (TO97A000885) 1997-10-06

[21] **2,305,362**  
[13] A1

[51] **Int.Cl. 6C08F 210/16 6B32B 27/00**  
**6C08F 210/02 6C08J 5/18 6C08F 4/642**  
[25] EN  
[54] **NOVEL NARROW MOLECULAR**  
**WEIGHT DISTRIBUTION**  
**COPOLYMERS CONTAINING LONG**  
**CHAIN BRANCHES AND PROCESS TO**  
**FORM SAME**  
[54] **NOUVEAUX COPOLYMERES A**  
**ETROITE REPARTITION DES POIDS**  
**MOLECULAIRES ET A**  
**RAMIFICATIONS A CHAINE LONGUE**  
**ET LEUR PROCEDE DE FABRICATION**  
[72] GAUTHIER, WILLIAM JOHN, US  
[72] MOFFITT, RONALD DEAN, US  
[72] HATFIELD, GALEN RICHARD, US  
[71] CRYOVAC, INC., US  
[85] 2000-03-28  
[86] 1998-09-29 (PCT/US98/19887)  
[87] 1999-04-08 (WO99/16799)  
[30] US (941,261) 1997-10-01

[21] **2,305,363**  
[13] A1

[51] **Int.Cl. 6C07C 25/00 6C07F 15/00**  
**6C07C 2/02 6C07C 19/08**  
[25] EN  
[54] **COUPLING REACTIONS OF 2-**  
**SUBSTITUTED, 7-HALOINDENES**  
**WITH ARYL SUBSTITUENTS TO**  
**PRODUCE METALLOCENE**  
**CATALYST LIGANDS**  
[54] **REACTIONS DE COUPLAGE DE 7**  
**HALO-INDENES SUBSTITUES EN**  
**POSITION 2, AVEC DES**  
**SUBSTITUANTS ARYLE POUR**  
**PRODUIRE DES LIGANDS DE**  
**METALLOCENES SERVANT DE**  
**CATALYSEURS**  
[72] SULLIVAN, JEFFREY M., US  
[72] BARNES, HAMLIN H., US  
[71] BOULDER SCIENTIFIC COMPANY,  
US  
[85] 2000-03-30  
[86] 1999-08-03 (PCT/US99/17519)  
[87] 2000-02-17 (WO00/07968)  
[30] US (09/127,796) 1998-08-03

[21] **2,305,364**  
[13] A1

[51] **Int.Cl. 6C08G 69/44 6C08G 63/685**  
[25] EN  
[54] **CONDENSATION POLYMER**  
**CONTAINING**  
**HYDROXYALKYLAMIDE GROUPS**  
[54] **POLYMERE DE CONDENSATION**  
**CONTENANT DES GROUPES**  
**HYDROXYLALKYLAMIDES**  
[72] VAN BENTHEM, RUDOLFUS  
ANTONIUS THEODORUS MARIA, NL  
[72] RIETBERG, JOHAN, NL  
[72] STANSSENS, DIRK ARMAND WIM,  
BE  
[71] DSM N.V., NL  
[85] 2000-03-30  
[86] 1998-09-22 (PCT/NL98/00546)  
[87] 1999-04-08 (WO99/16810)  
[30] NL (1007186) 1997-10-01

[21] **2,305,366**  
[13] A1

[51] **Int.Cl. 6A61B 5/00 6G01N 21/65**  
[25] EN  
[54] **METHOD FOR NON-INVASIVE**  
**MEASUREMENT OF AN ANALYTE**  
[54] **PROCEDE DE MESURE NON**  
**INVASIVE D'UN ANALYTE**  
[72] PETERSON, CAHRLES M., US  
[72] CHAIKEN, JOSEPH, US  
[71] LIGHTOUCH MEDICAL, INC., US  
[85] 2000-03-28  
[86] 1998-11-12 (PCT/US98/24123)  
[87] 1999-05-20 (WO99/23939)  
[30] US (60/065,180) 1997-11-12

[21] **2,305,368**  
[13] A1

[51] **Int.Cl. 6H04N 7/01 6H04N 11/20**  
**6H04N 5/64**  
[25] EN  
[54] **DIGITAL VIDEO SYSTEM AND**  
**METHODS FOR PROVIDING SAME**  
[54] **SYSTEME VIDEO NUMERIQUE ET**  
**PROCEDES PERMETTANT SON**  
**OBTENTION**  
[72] THOMPSON, LAURENCE A., US  
[72] ADAMS, DALE R., US  
[72] CHEE, CHENG HWEE, US  
[72] BANKS, JANO D., US  
[72] BUUCK, DAVID C., US  
[71] DVDO, INC., US  
[85] 2000-03-30  
[86] 1998-10-06 (PCT/US98/21069)  
[87] 1999-04-15 (WO99/18727)  
[30] US (60/060,974) 1997-10-06  
[30] US (60/093,815) 1998-07-23  
[30] US (60/094,390) 1998-07-28  
[30] US (60/095,164) 1998-08-03  
[30] US (60/096,144) 1998-08-11  
[30] US (60/100,401) 1998-09-15  
[30] US (60/102,946) 1998-10-02  
[30] US (09/166,606) 1998-10-05

[21] **2,305,369**  
[13] A1

[51] **Int.Cl. 6C12M 3/00**  
[25] EN  
[54] **BIAXIAL STRAIN SYSTEM FOR**  
**CULTURED CELLS**  
[54] **SYSTEME DE CONTRAINTES**  
**BIAXIALES POUR CELLULES DE**  
**CULTURE**  
[72] LAIB, JESSIE CAROLYN, US  
[72] LEE, ANN A., US  
[71] BIO-RAD LABORATORIES, INC., US  
[85] 2000-03-28  
[86] 1998-09-18 (PCT/US98/19491)  
[87] 2000-03-30 (WO00/17317)

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,305,373</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B21D 26/02</b> [25] EN [54] <b>METHOD FOR PNEUMATIC ISOSTATIC PROCESSING OF A WORKPIECE</b> [54] <b>PROCEDE DE TRAITEMENT PNEUMATIQUE ISOSTATIQUE D'UNE PIECE</b> [72] HODGE, EDWIN S., US [72] TAVENNER, ROBERT F., US [71] AMETEK SPECIALTY METAL PRODUCTS DIVISION, US [85] 2000-03-28 [86] 1998-08-31 (PCT/US98/18007) [87] 1999-04-08 (WO99/16561) [30] US (08/941,709) 1997-09-30</p>	<p style="text-align: right;">[21] <b>2,305,378</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08L 23/08 6B32B 27/00 6C08F 210/02 6C08K 5/098 6C08J 5/18</b> [25] EN [54] <b>METHOD AND COMPOSITIONS FOR IMPROVED OXYGEN SCAVENGING</b> [54] <b>PROCEDES ET COMPOSITIONS PERMETTANT UNE ABSORPTION AMELIOREE DE L'OXYGENE</b> [72] GAUTHIER, WILLIAM JOHN, US [72] VE SPEER, DREW, US [71] CRYOVAC, INC., US [85] 2000-03-28 [86] 1998-09-29 (PCT/US98/19888) [87] 1999-04-08 (WO99/16824) [30] US (941,266) 1997-10-01</p>	<p style="text-align: right;">[21] <b>2,305,385</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C07K 19/00 6C12N 5/10 6C12N 1/16 6C07K 16/28 6A61K 39/395 6C07K 16/46 6C07K 14/705 6C12N 15/81 6C12N 15/85</b> [25] EN [54] <b>HUMAN TOLL HOMOLOGUES</b> [54] <b>HOMOLOGUES TOLL HUMAINS</b> [72] GURNEY, AUSTIN L., US [72] GODDARD, AUDREY, US [72] GODOWSKI, PAUL J., US [72] MARK, MELANIE R., US [72] YANG, RUEY-BING, US [71] GENENTECH, INC., US [85] 2000-04-10 [86] 1998-10-07 (PCT/US98/21141) [87] 1999-04-29 (WO99/20756) [30] US (60/062,250) 1997-10-17 [30] US (60/065,311) 1997-11-13 [30] US (60/083,322) 1998-04-28 [30] US (60/090,863) 1998-06-26 [30] US (09/105,413) 1998-06-26</p>
<p style="text-align: right;">[21] <b>2,305,375</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/00</b> [25] EN [54] <b>INTRAVASCULAR IMAGING GUIDEWIRE</b> [54] <b>FIL-GUIDE D'IMAGERIE INTRAVASCULAIRE</b> [72] PANTAGES, ANTHONY J., US [72] WASICEK, LAWRENCE D., US [72] BELEF, WILLIAM MARTIN, US [72] ROE, STEVEN NELSON, US [72] MARNAYEK, DONALD S., US [72] KOGER, JAMES D., US [71] SCIMED LIFE SYSTEMS, INC., US [85] 2000-03-28 [86] 1998-09-28 (PCT/US98/20275) [87] 1999-04-08 (WO99/16347) [30] US (08/939,315) 1997-09-29 [30] US (09/162,090) 1998-09-28</p>	<p style="text-align: right;">[21] <b>2,305,381</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H03H 21/00</b> [25] EN [54] <b>SIGNAL PROCESSOR WITH LOCAL SIGNAL BEHAVIOR</b> [54] <b>UNITE DE TRAITEMENT DE SIGNAUX AVEC CARACTERISATION DU COMPORTEMENT DE SIGNAL LOCAL</b> [72] IGNJATOVIC, ALEKSANDAR, US [71] IGNJATOVIC, ALEKSANDAR, US [85] 2000-03-28 [86] 1998-10-02 (PCT/US98/20651) [87] 1999-04-15 (WO99/18666) [30] US (60/061,109) 1997-10-03 [30] US (60/087,006) 1998-05-28 [30] US (09/144,360) 1998-08-31</p>	<p style="text-align: right;">[21] <b>2,305,388</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 9/455</b> [25] EN [54] <b>APPARATUS AND METHODS FOR INTERACTING WITH AN OPERATING SYSTEM OPERATIVE TO CONTROL COMPUTER RESOURCES</b> [54] <b>APPAREIL ET PROCEDES PERMETTANT D'EFFECTUER UNE INTERACTION AVEC UN SYSTEME D'EXPLOITATION CAPABLE DE GERER DES RESSOURCES INFORMATIQUES</b> [72] RONEN, NIR, IL [71] CLOCKWISE TECHNOLOGIES LTD., IL [85] 2000-03-30 [86] 1998-10-01 (PCT/IL98/00481) [87] 1999-04-15 (WO99/18501) [30] US (08/946,106) 1997-10-02</p>
<p style="text-align: right;">[21] <b>2,305,376</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 255/02 6C08L 77/00 6C08L 51/06</b> [25] EN [54] <b>NON-MASSING TOUGHENERS FOR POLYAMIDES</b> [54] <b>AGENTS EPAISSISSANTS NON FORMES EN MASSE POUR LES POLYAMIDES</b> [72] FISH, ROBERT BENHAM JR., US [72] WONG, CHUN SING, CA [71] FISH, ROBERT BENHAM JR., US [71] WONG, CHUN SING, CA [85] 2000-03-30 [86] 1998-09-17 (PCT/CA98/00875) [87] 1999-05-20 (WO99/24483) [30] US (60/064,747) 1997-11-07</p>		

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[21] **2,305,389**  
[13] A1

[51] **Int.Cl. 6G02C 7/02 6G02C 7/06**  
[25] EN  
[54] **OPHTHALMIC LENS**  
[72] GUPTA, AMITAVA, US  
[72] REARDON, PATRICK, US  
[72] CHIPMAN, RUSSELL A., US  
[71] JOHNSON & JOHNSON VISION CARE, INC., US  
[85] 2000-03-28  
[86] 1998-09-29 (PCT/US98/20700)  
[87] 1999-04-15 (WO99/18471)  
[30] US (08/944,144) 1997-10-06

[21] **2,305,390**  
[13] A1

[51] **Int.Cl. 6G08G 1/01 6G08G 1/017**  
[25] EN  
[54] **TRAFFIC LAW ENFORCEMENT SYSTEM HAVING DECOY UNITS**  
[54] **SYSTEME DE REPRESSION DES INFRACTIONS AU CODE DE LA ROUTE COMPORTANT DES UNITES FACTICES**  
[72] MOETTELL, JOHN B., CH  
[72] KOOISTRA, HESSEL III, US  
[71] MOETTELL, JOHN B., CH  
[71] KOOISTRA, HESSEL III, US  
[85] 2000-04-07  
[86] 1997-10-28 (PCT/US97/18871)  
[87] 1998-05-07 (WO98/19284)  
[30] US (60/029,829) 1996-10-28

[21] **2,305,392**  
[13] A1

[51] **Int.Cl. 6C08G 2/20 6C08G 2/30 6C11D 3/37 6A61K 7/46**  
[25] EN  
[54] **GLYOXYLIC COMPOUND COMPRISING ONE OR MORE ACTIVE INGREDIENT**  
[54] **COMPOSE GLYOXYLIQUE RENFERMANT UN OU PLUSIEURS INGREDIENTS ACTIFS**  
[72] STRIFE, ROBERT, US  
[72] SAWYER, SIMON, GB  
[72] HEINZMAN, STEPHEN WAYNE, GB  
[72] STRUILLOU, ARNAUD PIERRE, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-03-30  
[86] 1997-10-03 (PCT/US97/17933)  
[87] 1999-04-08 (WO99/16804)  
[30] WO (PCT/US97/17835) 1997-10-01

[21] **2,305,394**  
[13] A1

[51] **Int.Cl. 6A61K 31/485 6A61K 31/47 6A61K 31/50 6A61K 31/505**  
[25] EN  
[54] **LOCAL ADMINISTRATION OF PHOSPHODIESTERASE INHIBITORS FOR THE TREATMENT OF ERECTILE DYSFUNCTION**  
[54] **APPORT LOCAL D'INHIBITEURS DE PHOSPHODIESTERASES, DANS LE TRAITEMENT DU DYSFONCTIONNEMENT ERECTILE**  
[72] SMITH, WILLIAM L., US  
[72] PLACE, VIRGIL A., US  
[72] DOHERTY, PAUL C., JR., US  
[71] VIVUS, INCORPORATED, US  
[85] 2000-04-07  
[86] 1998-10-28 (PCT/US98/22928)  
[87] 1999-05-06 (WO99/21558)  
[30] US (08/958,816) 1997-10-28  
[30] US (09/181,070) 1998-10-27

[21] **2,305,410**  
[13] A1

[51] **Int.Cl. 6A61L 27/00 6A61F 2/02**  
[25] EN  
[54] **ARTIFICIAL DURA MATER AND PROCESS FOR PRODUCING DURA MATER**  
[54] **DURE-MERE ARTIFICIELLE ET PROCEDE DE FABRICATION DE DURE-MERE**  
[72] YAMAUCHI, KOJI, JP  
[72] IKADA, YOSHITO, JP  
[72] YAMADA, KEISUKE, JP  
[72] ASAHARA, TOMOHIKO, JP  
[72] MIYAMOTO, SUSUMU, JP  
[71] GUNZE LIMITED, JP  
[85] 2000-04-05  
[86] 1998-10-05 (PCT/JP98/04488)  
[87] 1999-04-15 (WO99/17815)  
[30] JP (9/290347) 1997-10-06

[21] **2,305,411**  
[13] A1

[51] **Int.Cl. 6A61H 3/00 6A47D 13/04**  
[25] EN  
[54] **WALKER FORMED SUBSTANTIALLY FROM A POLYMER**  
[54] **DEAMBULATEUR CONSTITUE PRATIQUEMENT PAR UN POLYMERE**  
[72] DOUGLASS, KARL J., US  
[71] DOUGLASS, KARL J., US  
[85] 2000-04-05  
[86] 1998-10-05 (PCT/US98/20805)  
[87] 1999-04-15 (WO99/17706)  
[30] US (08/944,317) 1997-10-06

[21] **2,305,412**  
[13] A1

[51] **Int.Cl. 6H01M 2/02 6H01M 10/02 6H01M 6/44**  
[25] EN  
[54] **PRISMATIC ELECTROCHEMICAL CELL AND MULTICELL BATTERY**  
[54] **CELLULE ELECTROCHIMIQUE PRISMATIQUE ET BATTERIE MULTICELLULAIRE**  
[72] URRY, LEWIS F., US  
[71] EVEREADY BATTERY COMPANY, INC., US  
[85] 2000-04-05  
[86] 1998-10-14 (PCT/US98/21620)  
[87] 1999-04-22 (WO99/19918)  
[30] US (60/062,356) 1997-10-15

[21] **2,305,414**  
[13] A1

[51] **Int.Cl. 6C07D 409/12 6C07D 213/00 6C07D 239/00 6C07D 241/00 6C07D 333/00 6C07D 409/04 6C07D 409/14 6C07D 417/14 6C07D 333/16 6C07D 333/24 6A61K 31/38**  
[25] EN  
[54] **ARYL THIOPHENE DERIVATIVES AS PDE IV INHIBITORS**  
[54] **DERIVES D'ARYLTHIOPHENE UTILISES COMME INHIBITEURS DE LA PHOSPHODIESTERASE IV**  
[72] HAN, YONGXIN, CA  
[72] MACDONALD, DWIGHT, CA  
[72] GIROUX, ANDRE, CA  
[72] LEPINE, CAROLE, CA  
[72] PERRIER, HELENE, CA  
[72] YOUNG, ROBERT N., CA  
[71] MERCK FROSST CANADA & CO., CA  
[85] 2000-03-30  
[86] 1998-10-01 (PCT/CA98/00931)  
[87] 1999-04-15 (WO99/18099)  
[30] US (60/060,914) 1997-10-03  
[30] GB (9808109.4) 1998-04-16

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[21] **2,305,415**  
[13] A1

[51] **Int.Cl. 6G01N 33/543 6G01N 33/53 6G01N 33/58 6C12Q 1/68**

[25] EN

[54] **EXTENDED DYNAMIC RANGE ASSAYS**

[54] **ESSAIS A PLAGES DYNAMIQUES ETENDUES**

[72] NELSON, NORMAN C., US

[71] GEN-PROBE INCORPORATED, US

[85] 2000-03-30

[86] 1998-10-30 (PCT/US98/23088)

[87] 1999-04-15 (WO99/23490)

[30] US (08/962,033) 1997-10-31

[21] **2,305,416**  
[13] A1

[51] **Int.Cl. 6H01F 29/12**

[25] EN

[54] **A METHOD AND AN ARRANGEMENT FOR REGULATING A TRANSFORMER/REACTOR, AND A TRANSFORMER/REACTOR**

[54] **TRANSFORMATEUR/REACTEUR, ET PROCEDURE ET DISPOSITIF DE REGULATION D'UN TRANSFORMATEUR/REACTEUR**

[72] WALFRIDSSON, LARS, SE

[72] FROMM, UDO, SE

[72] LEIJON, MATS, SE

[72] JOHANSSON, KENNETH, SE

[72] BERGGREN, SOREN, SE

[71] ABB AB, SE

[85] 2000-03-30

[86] 1998-09-29 (PCT/SE98/01748)

[87] 1999-04-08 (WO99/17315)

[30] SE (9703562-0) 1997-09-30

[21] **2,305,417**  
[13] A1

[51] **Int.Cl. 6H02K 1/30 6H02K 7/102 6H02K 21/22**

[25] EN

[54] **ROTATING ELECTRIC MACHINE WITH MAGNETIC CIRCUIT**

[54] **MACHINE ELECTRIQUE TOURNANTE A CIRCUIT MAGNETIQUE**

[72] ROTHMAN, BENGT, SE

[71] ABB AB, SE

[85] 2000-03-30

[86] 1998-09-29 (PCT/SE98/01735)

[87] 1999-04-08 (WO99/17424)

[30] SE (9703549-7) 1997-09-30

[21] **2,305,418**  
[13] A1

[51] **Int.Cl. 6H02K 3/40 6H02J 11/00 6H02K 3/30 6H02K 19/34 6H02K 19/38**

[25] EN

[54] **AN ELECTRIC POWER PLANT**

[54] **CENTRALE ELECTRIQUE**

[72] GERTMAR, LARS, SE

[72] LEIJON, MATS, SE

[72] TEMPLIN, PETER, SE

[72] BERGGREN, BERTIL, SE

[72] KARLSSON, THOMMY, SE

[72] NYGREN, JAN-ANDERS, SE

[72] HOLLELAND, MONS, SE

[72] SORENSEN, ERLAND, SE

[71] ABB AB, SE

[85] 2000-03-30

[86] 1998-09-29 (PCT/SE98/01734)

[87] 1999-04-08 (WO99/17426)

[30] SE (9703548-9) 1997-09-30

[21] **2,305,419**  
[13] A1

[51] **Int.Cl. 7G01R 31/34**

[25] EN

[54] **METHOD AND FIXTURE FOR EVALUATING STATOR CORE QUALITY IN PRODUCTION**

[54] **PROCEDURE ET ACCESSOIRE POUR EVALUER LA QUALITE D'UNE CARCASSE DE STATOR LORS DE SA PRODUCTION**

[72] KLIMAN, GERALD BURT, US

[72] ESSER, ALBERT ANDREAS MARIA, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2000-03-30

[86] 1999-08-09 (PCT/US99/18026)

[87] 2000-02-24 (WO00/10021)

[30] US (09/133,357) 1998-08-13

[21] **2,305,420**  
[13] A1

[51] **Int.Cl. 6H01F 29/00**

[25] EN

[54] **MAGNETIC TAP CHANGER**

[54] **CHANGEUR DE PRISES MAGNETIQUE**

[72] LEIJON, MATS, SE

[72] FROMM, UDO, SE

[72] SASSE, CHRISTIAN, SE

[72] RYDHOLM, BENGT, SE

[71] ABB AB, SE

[85] 2000-03-30

[86] 1998-09-29 (PCT/SE98/01747)

[87] 1999-04-08 (WO99/17313)

[30] SE (9703561-2) 1997-09-30

[21] **2,305,421**  
[13] A1

[51] **Int.Cl. 6H02K 11/00 6H02K 19/36**

[25] EN

[54] **SYNCHRONOUS MACHINE**

[54] **MACHINE SYNCHRONE**

[72] LEIJON, MATS, SE

[72] SORENSEN, ERLAND, SE

[71] ABB AB, SE

[85] 2000-03-30

[86] 1998-09-29 (PCT/SE98/01739)

[87] 1999-04-22 (WO99/19968)

[30] SE (9703553-9) 1997-09-30

[21] **2,305,422**  
[13] A1

[51] **Int.Cl. 6H02K 19/26 6H02K 19/36**

[25] EN

[54] **A ROTARY ELECTRIC MACHINE**

[54] **MACHINE ELECTRIQUE ROTATIVE**

[72] LEIJON, MATS, SE

[72] SORENSEN, ERLAND, SE

[71] ABB AB, SE

[85] 2000-03-30

[86] 1998-09-29 (PCT/SE98/01741)

[87] 1999-04-08 (WO99/17432)

[30] SE (9703555-4) 1997-09-30

[21] **2,305,423**  
[13] A1

[51] **Int.Cl. 6B05C 5/00 6B05D 5/00 6B05D 1/12 6B05D 1/28**

[25] EN

[54] **MEDIA DEPOSITING SYSTEM**

[54] **AND METHOD**

[54] **SYSTEME ET PROCEDURE DE**

[54] **DEPOT DE MATERIAUX**

[72] ZICKELL, THOMAS J., US

[72] BOCKH, MAT, US

[72] DIMAN, CHARLES, US

[72] MAHONEY, STEPHEN, US

[71] ENVIRONMENTAL

REPROCESSING, INC., US

[85] 2000-03-30

[86] 1997-10-09 (PCT/US97/18246)

[87] 1999-04-22 (WO99/19078)

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[21] **2,305,424**  
[13] A1  
[51] **Int.Cl. 6B01D 53/26**  
[25] EN  
[54] **DEHUMIDIFYING POUCH**  
[54] **POCHE DE DESHYDRATATION**  
[72] HANLON, DAVID J., US  
[72] CUNANAN, JOAQUIN PAZ, US  
[72] HEANER, DAVID PRINCE, US  
[71] TETRA TECHNOLOGIES, INC., US  
[85] 2000-03-30  
[86] 1998-09-28 (PCT/US98/20325)  
[87] 1999-04-08 (WO99/16536)  
[30] US (08/941,996) 1997-10-01

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[21] **2,305,425**  
[13] A1  
[51] **Int.Cl. 6H04L 27/156**  
[25] EN  
[54] **FSK DEMODULATOR USING A SUPER LINEAR INTEGRATOR**  
[54] **DEMODULATEUR MDF A INTEGRATEUR ULTRA-LINEAIRE**  
[72] FENG, XIAOXIN, US  
[72] GABOURY, MICHAEL J., US  
[71] ROSEMOUNT INC., US  
[85] 2000-03-30  
[86] 1998-09-28 (PCT/US98/20274)  
[87] 1999-04-08 (WO99/17508)  
[30] US (08/941,949) 1997-10-01

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[21] **2,305,426**  
[13] A1  
[51] **Int.Cl. 6H01F 29/14**  
[25] EN  
[54] **INDUCTION CONTROLLED VOLTAGE REGULATOR**  
[54] **REGULATEUR DE TENSION A INDUCTION COMMANDEE**  
[72] FROMM, UDO, SE  
[72] SCHUTTE, THORSTEN, SE  
[72] SASSE, CHRISTIAN, SE  
[72] LEIJON, MATS, SE  
[71] ABB AB, SE  
[85] 2000-03-30  
[86] 1998-09-29 (PCT/SE98/01746)  
[87] 1999-04-08 (WO99/17316)  
[30] SE (9703560-4) 1997-09-30

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[21] **2,305,427**  
[13] A1  
[51] **Int.Cl. 6H02K 3/40**  
[25] EN  
[54] **SYNCHRONOUS COMPENSATOR PLANT**  
[54] **INSTALLATION DE COMPENSATEUR SYNCHRONE**  
[72] BERGGREN, BERTIL, SE  
[72] LEIJON, MATS, SE  
[71] ABB AB, SE  
[85] 2000-03-30  
[86] 1998-09-29 (PCT/SE98/01736)  
[87] 1999-04-08 (WO99/17427)  
[30] SE (9703550-5) 1997-09-30

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[21] **2,305,428**  
[13] A1  
[51] **Int.Cl. 6H02K 9/00**  
[25] EN  
[54] **DEVICE FOR A ROTATING ELECTRIC MACHINE**  
[54] **DISPOSITIF RELATIF A UNE MACHINE ELECTRIQUE ROTATIVE**  
[72] LEIJON, MATS, SE  
[72] KYLANDER, GUNNAR, SE  
[71] ABB AB, SE  
[85] 2000-03-30  
[86] 1998-09-29 (PCT/SE98/01737)  
[87] 1999-04-08 (WO99/17429)  
[30] SE (9703551-3) 1997-09-30

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[21] **2,305,429**  
[13] A1  
[51] **Int.Cl. 6E04F 15/024**  
[25] EN  
[54] **PANEL FOR RAISED FLOORS**  
[54] **PANNEAU POUR PLANCHERS TECHNIQUES**  
[72] DA MOLIN, FERDINANDO, IT  
[71] JOINT VENTURE PARTNERSHIP HOLDING S.A., LU  
[85] 2000-03-30  
[86] 1998-10-01 (PCT/EP98/06235)  
[87] 1999-04-15 (WO99/18305)  
[30] IT (PD97U 000065) 1997-10-02

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[21] **2,305,430**  
[13] A1  
[51] **Int.Cl. 6A61L 27/00 6A61F 2/28**  
[25] EN  
[54] **BONE SUBSTITUTES**  
[54] **SUBSTITUTS D'OS**  
[72] JOHNSON, JAMES R., US  
[72] MARX, JEFFREY G., US  
[72] JOHNSON, WESLEY D., US  
[71] PHILLIPS-ORIGEN CERAMIC TECHNOLOGY, LLC, US  
[85] 2000-03-30  
[86] 1998-09-30 (PCT/US98/20440)  
[87] 1999-04-08 (WO99/16478)  
[30] US (08/944,006) 1997-10-01

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[21] **2,305,431**  
[13] A1  
[51] **Int.Cl. 6A61L 27/00 6A61F 2/28**  
[25] EN  
[54] **BONE SUBSTITUTE MATERIALS**  
[54] **MATERIAUX POUR SUBSTITUTS OSSEUX**  
[72] JOHNSON, JAMES R., US  
[72] JOHNSON, WESLEY D., US  
[72] MARX, JEFFREY G., US  
[71] PHILLIPS-ORIGEN CERAMIC TECHNOLOGY, LLC, US  
[85] 2000-03-30  
[86] 1998-09-30 (PCT/US98/20549)  
[87] 1999-04-08 (WO99/16479)  
[30] US (08/942,557) 1997-10-01

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[21] **2,305,432**  
[13] A1  
[51] **Int.Cl. 6A61K 9/70**  
[25] EN  
[54] **METHOD FOR PREVENTING THE MISUSE OF A TRANSDERMAL THERAPEUTIC SYSTEM**  
[54] **PROCEDE POUR EVITER LE MAUVAIS USAGE D'UN SYSTEME THERAPEUTIQUE TRANSDERMIQUE**  
[72] BECHER, FRANK, DE  
[72] KLINK, ANN-KATRIN, DE  
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE  
[85] 2000-03-30  
[86] 1998-09-18 (PCT/EP98/05955)  
[87] 1999-04-08 (WO99/16428)  
[30] DE (197 43 484.3) 1997-10-01

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,305,433</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 75/36 6B65D 75/58</b> [25] EN [54] <b>CHILD-PROOF PACK FOR PRESSURE-SENSITIVE PRODUCTS WHICH ALSO HAVE A COMPARATIVELY LARGE SURFACE, SUCH AS TRANSDERMAL THERAPY SYSTEMS (TTS)</b> [54] <b>EMBALLAGE SECURITE-ENFANTS POUR PRODUITS AUTOCOLLANTS A SURFACE RELATIVEMENT GRANDE, TELS QUE DES SYSTEMES TRANSDERMiques THERAPEUTIQUES</b> [72] BECHER, FRANK, DE [71] LTS LOHMANN THERAPIE-SYSTEME AG, DE [85] 2000-03-30 [86] 1998-09-18 (PCT/EP98/05954) [87] 1999-05-06 (WO99/21777) [30] DE (197 43 485.1) 1997-10-01</p>	<p style="text-align: center;">[21] <b>2,305,436</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 45/06 6A61K 31/18 6A61K 31/195 6A61K 31/47</b> [25] EN [54] <b>ACE INHIBITOR-MMP INHIBITOR COMBINATIONS</b> [54] <b>COMBINAISONS D'INHIBITEURS DE L'ENZYME DE CONVERSION DE L'ANGIOTENSINE ET D'INHIBITEURS DE L'ENZYME METALLOPROTEASE MATRICIELLE</b> [72] PRESSLER, MILTON LETHAN, US [72] PETERSON, JOSEPH THOMAS JR., US [71] WARNER-LAMBERT COMPANY, US [85] 2000-03-30 [86] 1998-11-10 (PCT/US98/23993) [87] 1999-07-01 (WO99/32150) [30] US (60/068,594) 1997-12-23</p>	<p style="text-align: center;">[21] <b>2,305,439</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04M 1/57</b> [25] EN [54] <b>A METHOD FOR RECORDING RECEIVED SOUND SIGNALS IN A TELEPHONE</b> [54] <b>PROCEDE D'ENREGISTREMENT ET DE CONSERVATION DE SIGNAUX SONORES RECUS ET, EVENTUELLEMENT, DE SIGNAUX D'IMAGE, EN ASSOCIATION AVEC UN APPAREIL TELEPHONIQUE</b> [72] KOLNES, STEINAR, NO [71] COMUNIQ ASA, NO [85] 2000-03-31 [86] 1998-09-30 (PCT/NO98/00292) [87] 1999-04-15 (WO99/18577) [30] NO (974574) 1997-10-02 [30] NO (974863) 1997-10-21</p>
<p style="text-align: center;">[21] <b>2,305,434</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 71/00 6B65D 21/02 6B65D 1/34</b> [25] EN [54] <b>BOTTLE PACKAGE</b> [54] <b>CONDITIONNEMENT DE BOUTEILLES</b> [72] AIKIO, VEIJO, FI [71] OY HARTWALL AB, FI [85] 2000-03-30 [86] 1998-09-29 (PCT/FI98/00769) [87] 1999-04-08 (WO99/16680) [30] FI (973858) 1997-10-01</p>	<p style="text-align: center;">[21] <b>2,305,437</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02F 1/01 6G01H 9/00 6G01D 5/353</b> [25] EN [54] <b>FIBER OPTIC SENSOR SYSTEM AND METHOD</b> [54] <b>SYSTEME DE CAPTEUR A FIBRES OPTIQUES ET PROCEDE ASSOCIE</b> [72] MAAS, STEVEN J., US [72] BUNN, JAMES S., US [72] BUNN, J. BRETT, US [72] JAASKELAINEN, J. MIKKO, US [71] PETROLEUM GEO-SERVICES INC., US [85] 2000-03-30 [86] 1999-01-20 (PCT/US99/01168) [87] 1999-07-29 (WO99/38048) [30] US (09/012,368) 1998-01-23</p>	<p style="text-align: center;">[21] <b>2,305,440</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01C 19/56</b> [25] EN [54] <b>VIBRATING GYROSCOPE WITH ELECTROMAGNETIC EXCITATION AND DETECTION</b> [54] <b>GYROMETRE VIBRANT A EXCITATION ET DETECTION ELECTROMAGNETIQUE</b> [72] DE SALABERRY, BERNARD, FR [71] DE SALABERRY, BERNARD, FR [85] 2000-03-30 [86] 1998-09-25 (PCT/FR98/02060) [87] 1999-04-08 (WO99/17078) [30] FR (97/12129) 1997-09-30</p>
<p style="text-align: center;">[21] <b>2,305,435</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16B 23/00</b> [25] EN [54] <b>RECESSED HEAD FASTENER AND DRIVER SYSTEMS</b> [54] <b>CHEVILLES A TETE CREUSE ET SYSTEME DE TOURNEVIS</b> [72] HUGHES, BARRY J., US [72] MOWINS, MICHAEL L., US [71] PHILLIPS SCREW COMPANY, US [85] 2000-03-30 [86] 1998-10-01 (PCT/US98/20508) [87] 1999-04-15 (WO99/18361) [30] US (08/943,341) 1997-10-03</p>	<p style="text-align: center;">[21] <b>2,305,438</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 19/00 6B65D 25/04 6B65B 5/10 6B65D 90/20</b> [25] EN [54] <b>MECHANICALLY HANDLING FLOWABLE MATERIAL</b> [54] <b>MANUTENTION MECANIQUE DE MATERIAUX COULANTS</b> [72] FARR, KENNETH, GB [71] FARR, KENNETH, GB [85] 2000-03-30 [86] 1998-10-08 (PCT/GB98/03028) [87] 1999-04-22 (WO99/19219) [30] GB (9721318.5) 1997-10-09</p>	<p style="text-align: center;">[21] <b>2,305,441</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09K 3/18 6A01G 15/00 6A01N 1/00</b> [25] EN [54] <b>METHODS OF USING ICE-CONTROLLING MOLECULES</b> [54] <b>PROCEDES D'UTILISATION DE MOLECULES S'OPPOSANT A LA FORMATION DE LA GLACE</b> [72] FAHY, GREGORY M., US [71] ORGAN, INC., US [71] LIFE SCIENCE HOLDINGS, INC., US [85] 2000-03-30 [86] 1998-10-02 (PCT/US98/20834) [87] 1999-04-15 (WO99/18169) [30] US (08/943,147) 1997-10-03</p>

## PCT Applications Entering the National Phase

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[21] **2,305,442**  
[13] A1  
[51] **Int.Cl. 6G01N 27/447**  
[25] EN  
[54] **CAPILLARY ELECTROPHORESIS APPARATUS**  
[54] **APPAREIL D'ELECTROPHORESE CAPILLAIRE**  
[72] VIRTANEN, RAUNO, FI  
[71] VALTION TEKNILLINEN TUTKIMUSKESKUS, FI  
[85] 2000-03-30  
[86] 1998-09-30 (PCT/FI98/00773)  
[87] 1999-04-08 (WO99/17111)  
[30] FI (973854) 1997-10-01

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[21] **2,305,443**  
[13] A1  
[51] **Int.Cl. 6A61M 1/10 6A61M 1/36**  
[25] EN  
[54] **IMPLANTABLE HEART ASSIST SYSTEM**  
[54] **APPAREIL D'ASSISTANCE CARDIAQUE IMPLANTABLE**  
[72] BOLLING, STEPHEN F., US  
[71] FORE FLOW CORPORATION, US  
[85] 2000-03-30  
[86] 1998-10-09 (PCT/US98/21424)  
[87] 1999-04-22 (WO99/19010)  
[30] US (60/061,434) 1997-10-09  
[30] US (09/166,005) 1998-10-02

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[21] **2,305,444**  
[13] A1  
[51] **Int.Cl. 6D21H 21/16 6D21H 17/16 6D21H 17/17 6D21H 17/34 6D21H 17/72**  
[25] EN  
[54] **METHOD FOR SURFACE SIZING PAPER WITH CELLULOSE REACTIVE AND CELLULOSE NON-REACTIVE SIZES, AND PAPER PREPARED THEREBY**  
[54] **PROCEDES DE COLLAGE EN SURFACE DE PAPIER AU MOYEN DE COLLES REACTIVES A LA CELLULOSE OU COLLES NON REACTIVES A LA CELLULOSE, ET PAPIER PREPARE PAR CES PROCEDES**  
[72] VARNELL, DANIEL FELIX, US  
[72] MEARS, ANDREW, US  
[72] CENISIO, MARCO FRANCO, US  
[72] HENSEMA, EDWIN RENE, US  
[71] HERCULES INCORPORATED, US  
[71] HERCULES INCORPORATED, US  
[85] 2000-03-30  
[86] 1998-09-25 (PCT/US98/21271)  
[87] 1999-04-08 (WO99/16973)  
[30] US (08/940,514) 1997-09-30

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[21] **2,305,445**  
[13] A1  
[51] **Int.Cl. 6B65D 51/16 6B65D 41/04**  
[25] EN  
[54] **CLOSURE ASSEMBLY FOR PRESSURIZED CONTAINERS**  
[54] **SYSTEME DE FERMETURE POUR RECIPIENTS SOUS PRESSION**  
[72] KING, ROGER MILNER, GB  
[71] BEESON AND SONS LIMITED, GB  
[85] 2000-03-30  
[86] 1998-10-09 (PCT/GB98/03040)  
[87] 1999-04-22 (WO99/19228)  
[30] GB (9721568.5) 1997-10-10

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[21] **2,305,446**  
[13] A1  
[51] **Int.Cl. 6A01N 57/34 6C09K 21/12**  
[25] EN  
[54] **PHOSPHONIUM SALT COMPOSITION**  
[54] **COMPOSITIONS DE SELS DE PHOSPHONIUM**  
[72] IMRIE, CHRISTOPHER DAVID, GB  
[72] FIDOE, STEPHEN DAVID, GB  
[72] JONES, CHRISTOPHER RAYMOND, GB  
[72] TALBOT, ROBERT ERIC, GB  
[71] ALBRIGHT & WILSON UK LIMITED, GB  
[85] 2000-03-31  
[86] 1998-10-02 (PCT/EP98/06290)  
[87] 1999-04-15 (WO99/17614)  
[30] GB (9721021.5) 1997-10-04

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[21] **2,305,447**  
[13] A1  
[51] **Int.Cl. 6G01N 33/483**  
[25] EN  
[54] **IN VITRO TISSUE TESTING SYSTEM**  
[54] **SYSTEME D'ESSAIS IN VITRO DE TISSUS**  
[72] AMRANI, DAVID L., US  
[72] BOGGS, DANIAL R., US  
[72] EARLES, KEITH A., US  
[71] BAXTER INTERNATIONAL INC., US  
[85] 2000-03-31  
[86] 1998-07-20 (PCT/US98/14721)  
[87] 1999-04-08 (WO99/17113)  
[30] US (08/941,994) 1997-10-01

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[21] **2,305,448**  
[13] A1  
[51] **Int.Cl. 6G02B 6/36 6A61B 6/00 6H04B 10/22**  
[25] EN  
[54] **FIBER OPTIC ROTARY JOINT**  
[54] **RACCORD TOURNANT POUR FIBRES OPTIQUES**  
[72] ROGERS, ROBERT THOMAS SR., US  
[72] BOWMAN, ANTHONY LEE, US  
[72] LEWIS, NORRIS EARL, US  
[72] DUNCAN, MICHAEL P., US  
[71] LITTON SYSTEMS, INC., US  
[85] 2000-03-31  
[86] 1998-10-02 (PCT/US98/20835)  
[87] 1999-04-15 (WO99/18463)  
[30] US (08/942721) 1997-10-02  
[30] US (09/115946) 1998-07-15

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[21] **2,305,449**  
[13] A1  
[51] **Int.Cl. 6C12Q 1/68 6C07H 21/04 6C12P 19/34**  
[25] EN  
[54] **REPLICA AMPLIFICATION OF NUCLEIC ACID ARRAYS**  
[54] **AMPLIFICATION PAR REPLIQUE DE RESEAUX D'ACIDES NUCLEIQUES**  
[72] CHURCH, GEORGE M., US  
[71] PRESIDENT & FELLOWS OF HARVARD COLLEGE, US  
[85] 2000-04-05  
[86] 1998-08-28 (PCT/US98/17862)  
[87] 1999-04-22 (WO99/19341)  
[30] US (60/061,511) 1997-10-10  
[30] US (60/076,570) 1998-03-02

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[21] **2,305,450**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/22 6H04Q 7/38**  
[25] EN  
[54] **CALLED MOBILE SUBSCRIBER PRESENT STATUS**  
[54] **ETAT PRESENT DE L'ABONNE MOBILE APPELE**  
[72] MEE, JOHN, IE  
[72] MAGUIRE, PATRICK, IE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-04-05  
[86] 1998-10-09 (PCT/SE98/01827)  
[87] 1999-04-22 (WO99/20065)  
[30] SE (9703759-2) 1997-10-15

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,305,451</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61C 13/083</b> [25] EN [54] <b>DENTAL PRODUCT, SHADING KIT AND METHOD</b> [54] <b>PRODUIT A USAGE DENTAIRE, KIT NUANCIER ET PROCEDE</b> [72] KRAMER PRIMUS, CAROLYN M., US [72] HAMMESFAHR, PAUL D., US [71] CERAMCO INC., US [85] 2000-04-05 [86] 1998-10-02 (PCT/US98/21035) [87] 1999-04-15 (WO99/17677) [30] US (08/944,793) 1997-10-06</p>	<p style="text-align: right;">[21] <b>2,305,454</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01M 10/40</b> [25] EN [54] <b>LIQUID ELECTROLYTE LITHIUM-SULFUR BATTERIES</b> [54] <b>BATTERIES D'ACCUMULATEURS SOUFRE-LITHIUM A ELECTROLYTES LIQUIDES</b> [72] VISCO, STEVEN J., US [72] KATZ, BRUCE D., US [72] DE JONGHE, LUTGARD C., US [72] CHU, MAY-YING, US [71] POLYPLUS BATTERY COMPANY, INC., US [85] 2000-04-05 [86] 1998-10-06 (PCT/US98/21067) [87] 1999-04-22 (WO99/19931) [30] US (08/948,969) 1997-10-10</p>	<p style="text-align: right;">[21] <b>2,305,457</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H02P 6/20</b> [25] EN [54] <b>METHOD FOR THE STARTING AND STEADY-STATE SUPPLY OF A PERMANENT-MAGNET SYNCHRONOUS MOTOR PARTICULARLY FOR DRIVING A HYDRAULIC PUMP</b> [54] <b>PROCEDE DE DEMARRAGE ET D'ALIMENTATION EN REGIME CONSTANT D'UN MOTEUR SYNCHRONE A AIMANTS PERMANENTS PARTICULIEREMENT POUR COMMANDER UNE POMPE HYDRAULIQUE</b> [72] PIAZZALUNGA, GIOVANNI, IT [72] FACCIN, ROBERTO, IT [71] TAIT S.R.L., IT [71] SICCE S.P.A., IT [85] 2000-04-05 [86] 1999-08-02 (PCT/EP99/05554) [87] 2000-02-17 (WO00/08746) [30] IT (MI98A001876) 1998-08-07</p>
<p style="text-align: right;">[21] <b>2,305,452</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/36</b> [25] EN [54] <b>METHODS OF INITIATING A RECONFIGURING OF A CELL IN A MOBILE RADIO NETWORK</b> [54] <b>PROCEDES PERMETTANT D'INITIER UNE RECONFIGURATION D'UNE CELLULE D'UN RESEAU RADIO MOBILE</b> [72] HELLEBERG, ANNA, SE [72] CERWALL, CARL PATRIK, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-04-05 [86] 1998-09-29 (PCT/SE98/01755) [87] 1999-04-22 (WO99/20069) [30] SE (9703743-6) 1997-10-14</p>	<p style="text-align: right;">[21] <b>2,305,455</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 27/08</b> [25] EN [54] <b>METHOD AND APPARATUS FOR CONTINUOUSLY MONITORING AN AQUEOUS FLOW TO DETECT AND QUANTIFY IONS</b> [54] <b>PROCEDE ET APPAREIL DE SURVEILLANCE EN CONTINU D'UN FLUX AQUEUX AFIN DE DETECTER ET QUANTIFIER DES IONS</b> [72] MERRILL, JOHN H., US [71] MERRILL, JOHN H., US [85] 2000-04-05 [86] 1998-12-01 (PCT/US98/25442) [87] 1999-06-10 (WO99/28737) [30] US (08/984,256) 1997-12-02</p>	<p style="text-align: right;">[21] <b>2,305,458</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 249/18 6C07D 265/02 6C07D 285/10 6C07D 271/12 6A61K 31/16 6C07C 235/26 6C07D 237/32 6A61K 31/365 6A61K 31/38 6A61K 31/41 6A61K 31/50 6A61K 31/535 6C07D 333/72 6C07D 311/76 6C07D 307/88</b> [25] EN [54] <b>NON-STEROIDAL (HETERO) CYCLICALLY SUBSTITUTED ACYLANILIDES WITH MIXED GESTAGEN AND ANDROGEN ACTIVITY</b> [54] <b>ACYLANILIDES NON STERIODIQUES HETEROCYCLIQUEMENT SUBSTITUES A EFFET MIXTE GESTAGENE ET ANDROGENE</b> [72] FRITZEMEIER, KARL-HEINRICH, DE [72] MUHN, HANS-PETER, DE [72] KRATTENMACHER, ROLF, DE [72] HEINRICH, NIKOLAUS, DE [72] LEHMANN, MANFRED, DE [72] STREHLKE, PETER, DE [72] SCHOLLKOPF, KLAUS, DE [71] SCHERING AKTIENGESELLSCHAFT, DE [85] 2000-04-05 [86] 1998-06-02 (PCT/EP98/03242) [87] 1998-12-03 (WO98/54159) [30] DE (197 23 722.3) 1997-05-30</p>
<p style="text-align: right;">[21] <b>2,305,453</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 5/10 6A61B 6/08</b> [25] EN [54] <b>X-RAY TREATMENT METHOD AND APPARATUS</b> [54] <b>PROCEDE ET APPAREIL DE TRAITEMENT AUX RAYONS X</b> [72] MURAD, SIMON WILLIAM, GB [71] VARIAN ASSOCIATES, INC., US [85] 2000-04-05 [86] 1998-10-08 (PCT/US98/21303) [87] 1999-04-29 (WO99/20347) [30] US (08/951,652) 1997-10-16</p>		



## PCT Applications Entering the National Phase

[21] **2,305,459**  
[13] A1

[51] **Int.Cl. 6H04N 1/413**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR MANAGING MESSAGES**  
[54] **PROCEDE ET DISPOSITIF DE GESTION DE MESSAGES**  
[72] BOBO, CHARLES R., II, US  
[71] NETOFFICE SOLUTIONS LLC, US  
[85] 2000-04-05  
[86] 1998-10-02 (PCT/US98/20732)  
[87] 1999-04-15 (WO99/18716)  
[30] US (08/944741) 1997-10-06

[21] **2,305,460**  
[13] A1

[51] **Int.Cl. 6G02B 27/22 6H04N 15/00 6G01B 11/03 6H04N 13/04**  
[25] EN  
[54] **EYE TRACKING APPARATUS**  
[54] **APPAREIL DE SUIVI DU MOUVEMENT DES YEUX**  
[72] HARMAN, PHILIP VICTOR, AU  
[71] DYNAMIC DIGITAL DEPTH RESEARCH PTY. LTD., AU  
[85] 2000-04-05  
[86] 1998-11-20 (PCT/AU98/00969)  
[87] 1999-06-03 (WO99/27412)  
[30] AU (PP 0480) 1997-11-21

[21] **2,305,461**  
[13] A1

[51] **Int.Cl. 6G03C 1/492**  
[25] EN  
[54] **THERMOSETTING POLYESTER ANTI-REFLECTIVE COATINGS FOR MULTILAYER PHOTORESIST PROCESSES**  
[54] **REVETEMENTS ANTIREFLET DE POLYESTER TERMODURCISSABLE POUR DES PROCEDES DE PHOTORESIST A MULTIPLES COUCHES**  
[72] BREWER, TERRY L., US  
[72] HESTER, COLIN, US  
[72] SHAO, XIE, US  
[72] FLAIM, TONY D., US  
[71] BREWER SCIENCE, INC., US  
[85] 2000-04-05  
[86] 1998-10-20 (PCT/US98/22143)  
[87] 1999-04-29 (WO99/21058)  
[30] US (08/954,425) 1997-10-20

[21] **2,305,462**  
[13] A1

[51] **Int.Cl. 6H04L 29/06**  
[25] EN  
[54] **METHOD AND APPARATUS FOR STRUCTURED COMMUNICATION**  
[54] **PROCEDE DE COMMUNICATION DE POINT A POINT ORIENTEE OBJET ET DISPOSITIF CORRESPONDANT**  
[72] VAN DER HEIJDEN, XANDER, NL  
[72] BLANK, CHIP, NL  
[72] DEBLIER, ROBERT, BE  
[71] X-WAY RIGHTS B.V., NL  
[85] 2000-04-05  
[86] 1998-10-13 (PCT/NL98/00586)  
[87] 1999-04-22 (WO99/20025)  
[30] EP (97203174.4) 1997-10-13

[21] **2,305,463**  
[13] A1

[51] **Int.Cl. 6C07C 233/63 6C07D 215/02 6C07F 5/02 6C07C 259/06 6C07D 339/08 6C07D 405/12 6C07D 211/14 6C07C 271/16 6C07F 7/18 6A61K 31/19 6C07C 311/21 6A61K 31/215 6C07D 209/24 6C07D 333/24 6C07D 207/327 6C07C 243/34 6A61K 31/34 6C07C 275/36 6A61K 31/38 6A61K 31/385 6C07D 207/40 6A61K 31/40 6C07C 323/41 6A61K 31/415 6C07C 235/42 6C07C 323/42 6A61K 31/42 6A61K 31/425 6C07C 323/43 6A61K 31/44 6A61K 31/445 6C07D 207/46 6C07C 235/52 6C07D 263/56 6C07C 323/60 6C07D 233/61 6C07D 211/62 6C07D 277/64 6A61K 31/65 6C07D 211/70 6C07D 233/72 6C07D 213/81 6C07D 307/81 6C07C 233/83**  
[25] EN  
[54] **AMINOBUTANOIC ACID DERIVATIVES**  
[54] **DERIVES D'ACIDE AMINOBUTANOIQUE**  
[72] SUGIURA, TSUNEYUKI, JP  
[72] TAKAHASHI, KANJI, JP  
[71] ONO PHARMACEUTICAL CO., LTD., JP  
[85] 2000-04-05  
[86] 1998-10-07 (PCT/JP98/04529)  
[87] 1999-04-22 (WO99/19296)  
[30] JP (HEI9-291834) 1997-10-09  
[30] JP (HEI-10-28533) 1998-02-10

[21] **2,305,464**  
[13] A1

[51] **Int.Cl. 6A61K 7/46 6C11B 9/00 6C11D 3/50**  
[25] EN  
[54] **PERFUME COMPOSITIONS**  
[54] **COMPOSITIONS PARFUMANTES**  
[72] PERRING, KEITH DOUGLAS, GB  
[72] MACMASTER, ANGUS PETER, GB  
[72] CLEMENTS, CHRISTOPHER FRANCIS, GB  
[71] QUEST INTERNATIONAL B.V., NL  
[85] 2000-04-05  
[86] 1998-10-09 (PCT/GB98/03057)  
[87] 1999-04-22 (WO99/18926)  
[30] GB (9721587.5) 1997-10-10

[21] **2,305,465**  
[13] A1

[51] **Int.Cl. 6A61B 17/56**  
[25] EN  
[54] **DEVICES FOR PASSIVE MOTION OF JOINTS UNDER TRACTION**  
[54] **DISPOSITIF PERMETTANT UN MOUVEMENT PASSIF D'ARTICULATIONS SOUS TRACTION**  
[72] LUBOSHITZ, SHMUEL, IL  
[72] SELA, ITAY, IL  
[72] SHEKALIM, AVRAHAM, IL  
[71] RIMLON LTD., IL  
[85] 2000-04-05  
[86] 1998-07-15 (PCT/US98/14748)  
[87] 1999-04-22 (WO99/18875)  
[30] US (08/948,362) 1997-10-10

[21] **2,305,466**  
[13] A1

[51] **Int.Cl. 6C07F 9/38**  
[25] EN  
[54] **CARBON DIOXIDE ASSISTED HYDROLYSIS OF AMINOPHOSPHONATES**  
[54] **HYDROLYSE D'AMINOPHOSPHONATES AU DIOXYDE DE CARBONE**  
[72] JOHNSON, TODD J., US  
[72] MILLER, WILLIAM H., US  
[71] MONSANTO COMPANY, US  
[85] 2000-04-05  
[86] 1998-10-15 (PCT/US98/21779)  
[87] 1999-04-22 (WO99/19333)  
[30] US (60/062,351) 1997-10-15

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[21] **2,305,467**  
[13] A1

[51] **Int.Cl. 6C11D 3/22 6C11D 1/00 6C11D 1/14**  
[25] EN  
[54] **MID-CHAIN BRANCHED SURFACTANTS WITH POTASSIUM IONS**  
[54] **TENSIOACTIFS RAMIFIES EN MILIEU DE CHAINE AVEC IONS POTASSIUM**  
[72] KATSUDA, RINKO, JP  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-04-05  
[86] 1997-10-10 (PCT/US97/18690)  
[87] 1999-04-22 (WO99/19443)

[21] **2,305,468**  
[13] A1

[51] **Int.Cl. 6C07D 451/02 6A61K 31/36**  
[25] EN  
[54] **8-AZABICYCLO -3.2.1| OCTANE-3-METHANAMINE DERIVATIVES AS LIGANDS OF D2 AND D3 DOPAMINE AND 5HT1A AND 5HT2 SEROTONIN RECEPTORS**  
[54] **DERIVES DE 8-AZABICYCLO -3.2.1| OCTANE-3-METHANAMINE EN TANT QUE LIGANDS DES RECEPTEURS DE DOPAMINE D2 ET D3 ET DE SEROTONINE 5HT1A ET 5HT2**  
[72] MACHNIK, DAVID, FR  
[72] DE PERETTI, DANIELE, FR  
[72] ROY, JOCELYNE, FR  
[72] GEORGE, PASCAL, FR  
[72] MERLY, JEAN-PIERRE, FR  
[72] SEVRIN, MIREILLE, FR  
[72] MARABOUT, BENOIT, FR  
[71] SANOFI-SYNTHELABO, FR  
[85] 2000-04-05  
[86] 1998-10-07 (PCT/FR98/02137)  
[87] 1999-04-22 (WO99/19325)  
[30] FR (97/12580) 1997-10-09  
[30] FR (97/12583) 1997-10-09

[21] **2,305,469**  
[13] A1

[51] **Int.Cl. 6B01D 57/02 6C25B 7/00 6B03C 5/02**  
[25] EN  
[54] **DEIONIZATION APPARATUS HAVING NON-SACRIFICIAL ELECTRODES OF DIFFERENT TYPES**  
[54] **APPAREIL DE DEIONISATION MUNI D'ELECTRODES NON SACRIFICIELLES DE DIFFERENTS TYPES**  
[72] CAPLE, DAVID A., US  
[72] FAJT, JAMES R., US  
[72] ELSON, BRIAN B., US  
[71] SOUTHEASTERN TRADING, LLP, US  
[85] 2000-04-05  
[86] 1998-10-05 (PCT/US98/20860)  
[87] 1999-04-15 (WO99/17864)  
[30] US (08/944,297) 1997-10-06

[21] **2,305,470**  
[13] A1

[51] **Int.Cl. 6F23Q 1/02**  
[25] EN  
[54] **LIGHTER HAVING A NON-ROTATING FLINT**  
[54] **BRIQUET A PIERRE NON ROTATIVE**  
[72] LAFOREST, GUY, PT  
[71] BIC CORPORATION, US  
[85] 2000-04-05  
[86] 1998-10-07 (PCT/US98/21213)  
[87] 1999-04-22 (WO99/19673)  
[30] US (08/948,382) 1997-10-09

[21] **2,305,471**  
[13] A1

[51] **Int.Cl. 6C08L 3/08 6C08L 33/26 6D21H 17/29 6D21H 17/37**  
[25] EN  
[54] **MODIFIED STARCH COMPOSITION FOR REMOVING PARTICLES FROM AQUEOUS DISPERSIONS**  
[54] **AMIDON DE COMPOSITION MODIFIEE POUR EXTRAIRE DES PARTICULES DE DISPERSIONS AQUEUSES**  
[72] MOFFETT, ROBERT HARVEY, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-04-05  
[86] 1998-10-23 (PCT/US98/22489)  
[87] 1999-05-14 (WO99/23156)  
[30] US (08/960,648) 1997-10-30

[21] **2,305,472**  
[13] A1

[51] **Int.Cl. 6A21D 4/00 6A01F 25/00 6A23K 3/02**  
[25] EN  
[54] **SODIUM BISULFATE AS ACIDULANT IN FOODS**  
[54] **BISULFATE DE SODIUM UTILISE COMME ACIDULANT D'ALIMENTS**  
[72] KNUEVEN, CARL J., US  
[71] JONES-HAMILTON CO., US  
[85] 2000-04-05  
[86] 1999-07-28 (PCT/US99/17031)  
[87] 2000-02-24 (WO00/08942)  
[30] US (09/131,522) 1998-08-10

[21] **2,305,473**  
[13] A1

[51] **Int.Cl. 6C07C 51/56**  
[25] EN  
[54] **PROCESS TO PREPARE A PENTENOIC ACID ANHYDRIDE**  
[54] **PROCEDE DE PREPARATION D'UN ANHYDRIDE DE L'ACIDE PENTENOIQUE**  
[72] BURKE, PATRICK MICHAEL, US  
[71] DSM N.V., NL  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-04-05  
[86] 1998-10-02 (PCT/NL98/00571)  
[87] 1999-04-15 (WO99/18061)  
[30] US (08/946,055) 1997-10-07

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[21] **2,305,497**  
[13] A1

[51] **Int.Cl. 6G01S 7/62 6G01S 7/20**  
[25] FR  
[54] **PROCEDE DE REPRESENTATION SUR UN ECRAN DE VISUALISATION D'UN CHAMP DE DONNEES MULTIDIRECTIONNELLES NOTAMMENT DE DONNEES FOURNIES PAR UN SONAR D'ECOUTE PASSIVE, ET SYSTEME POUR LA MISE EN OEUVRE D'UN TEL PROCEDE**  
[54] **METHOD FOR REPRESENTING ON A DISPLAY SCREEN A MULTIDIRECTIONAL DATA FIELD IN PARTICULAR DATA SUPPLIED BY A PASSIVE LISTENING SONAR, AND SYSTEM FOR IMPLEMENTING SAID METHOD**  
[72] BERGERO, DIDIER, FR  
[72] THOMAS, GEORGES, FR  
[71] ETAT FRANÇAIS REPRÉSENTÉ PAR LE DELEGUE GENERAL POUR L'ARMEMENT, FR  
[85] 2000-03-31  
[86] 1998-10-06 (PCT/FR98/02124)  
[87] 1999-04-15 (WO99/18451)  
[30] FR (97/12430) 1997-10-06

[21] **2,305,499**  
[13] A1

[51] **Int.Cl. 6C07D 333/16 6C07D 215/14 6C07C 271/22 6A61K 31/38 6C07D 241/42 6A61K 31/47 6A61K 31/495**  
[25] EN  
[54] **NOVEL PHARMACEUTICALLY ACTIVE COMPOUNDS, THEIR PREPARATION AND USE AS ECE-INHIBITORS**  
[54] **NOUVEAUX COMPOSES A ACTION PHARMACEUTIQUE, LEUR PRODUCTION ET LEUR UTILISATION COMME INHIBITEURS DE L'ECE**  
[72] HILLEN, HEINZ, DE  
[72] DITRICH, KLAUS, DE  
[72] ZECHEL, JOHANN-CHRISTIAN, DE  
[72] MARKERT, CLAUS OTTO, DE  
[72] HERGENRODER, STEFAN, DE  
[72] PUHL, MICHAEL, DE  
[72] KOHL, TANJA, DE  
[72] ERHARDT, MELANIE, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-04-03  
[86] 1998-09-18 (PCT/EP98/05945)  
[87] 1999-04-22 (WO99/19320)  
[30] DE (19745146.2) 1997-10-14

[21] **2,305,500**  
[13] A1

[51] **Int.Cl. 6H01F 41/04 6H01F 6/06**  
[25] EN  
[54] **METHOD FOR PRODUCING A COIL FROM A HIGH TEMPERATURE SUPERCONDUCTIVE MATERIAL, AND A HIGH TEMPERATURE SUPERCONDUCTIVE COIL WITH LOW ALTERNATING CURRENT LOSS**  
[54] **PROCEDE DE PRODUCTION D'UNE BOBINE EN MATERIAU SUPRACONDUCTEUR HAUTE TEMPERATURE ET BOBINE SUPRACONDUCTRICE HAUTE TEMPERATURE A FAIBLE DEPERDITION EN COURANT ALTERNATIF**  
[72] BROMMER, GUNTER, DE  
[72] BOCK, JOACHIM, DE  
[72] EHRENBERG, JURGEN, DE  
[71] AVENTIS RESEARCH & TECHNOLOGIES GMBH & CO KG, DE  
[85] 2000-04-03  
[86] 1998-10-01 (PCT/EP98/06262)  
[87] 1999-05-06 (WO99/22386)  
[30] DE (197 44 984.0) 1997-10-13  
[30] DE (198 41 636.9) 1998-09-11

[21] **2,305,501**  
[13] A1

[51] **Int.Cl. 6G01J 1/00**  
[25] EN  
[54] **PORTABLE LIGHT SOURCE AND SYSTEM FOR USE IN LEAK DETECTION**  
[54] **LAMPE PORTABLE ET SYSTEME DE DETECTION DE FUTES**  
[72] MINIUTTI, ROBERT L., US  
[72] KALLEY, TERRENCE D., US  
[72] CAVESTRI, RICHARD C., US  
[71] BRIGHT SOLUTIONS, INC., US  
[85] 2000-04-03  
[86] 1998-10-01 (PCT/US98/20521)  
[87] 1999-04-15 (WO99/18417)  
[30] US (08/943,903) 1997-10-03

[21] **2,305,503**  
[13] A1

[51] **Int.Cl. 6A21D 13/08 6A23C 19/084 6A23C 19/16**  
[25] FR  
[54] **PRODUIT ALIMENTAIRE COMPOSITE A BASE DE FROMAGE ET DE BISCUIT ET PROCEDE DE FABRICATION**  
[54] **COMPOSITE FOOD PRODUCT BASED ON CHEESE AND BISCUIT AND PREPARATION METHOD**  
[72] VANDROUX, VALERIE, FR  
[71] FROMAGERIES BEL, FR  
[85] 2000-04-04  
[86] 1998-10-09 (PCT/FR98/02174)  
[87] 1999-04-22 (WO99/18804)  
[30] FR (97/12618) 1997-10-09

[21] **2,305,505**  
[13] A1

[51] **Int.Cl. 6G01P 15/13 6G01P 15/125**  
[25] FR  
[54] **ACCELEROMETRE A PLAQUE MOBILE, AVEC MOTEUR ELECTROSTATIQUE DE CONTRE-REACTION**  
[54] **ACCELEROMETER WITH MOBILE PLATE, COMPRISING COUNTER-REACTING ELECTROSTATIC MOTOR**  
[72] MOREAU, MAURICE, FR  
[72] MENARD, JEAN-PAUL, FR  
[71] SERCEL, FR  
[85] 2000-04-06  
[86] 1998-10-07 (PCT/FR98/02139)  
[87] 1999-04-15 (WO99/18443)  
[30] FR (97/12545) 1997-10-08

[21] **2,305,506**  
[13] A1

[51] **Int.Cl. 6B26B 21/44**  
[25] FR  
[54] **BANDE ANTI-FRICTION EXTRUDEE POUR TETE DE RASAGE ET TETE DE RASAGE COMPORTANT UNE TELLE BANDE**  
[54] **ANTICHAFING STRIP FOR SHAVING EQUIPMENT HEAD AND SHAVING EQUIPMENT HEAD COMPRISING SAME**  
[72] DUEZ, JOSE, FR  
[72] REBAUDIERES, JEAN, FR  
[71] SOCIETE BIC, FR  
[85] 2000-04-10  
[86] 1998-10-15 (PCT/FR98/02215)  
[87] 1999-04-22 (WO99/19124)  
[30] FR (97/13132) 1997-10-15

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,305,507</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/00</b> [25] EN [54] <b>A NEW POWERFUL COSMETIC OR PHARMACEUTICAL COMPOSITION</b> [54] <b>NOUVELLE COMPOSITION COSMETIQUE OU PHARMACEUTIQUE PUISSANTE</b> [72] ZHU, DEGUANG, US [71] ZHU, DEGUANG, US [85] 2000-04-03 [86] 1998-10-15 (PCT/US98/21794) [87] 1999-04-22 (WO99/18920) [30] US (08/951,933) 1997-10-16 [30] US (09/148,921) 1998-09-04</p>	<p style="text-align: right;">[21] <b>2,305,510</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 12/08 6G06F 9/46</b> [25] EN [54] <b>I/O FORWARDING IN A CACHE COHERENT SHARED DISK COMPUTER SYSTEM</b> [54] <b>ACHEMINEMENT D'ENTREE/SORTIE DANS UN SYSTEME INFORMATIQUE A DISQUE PARTAGE ET A ANTEMEMOIRE COHERENTE</b> [72] KLOTS, BORIS, US [72] BAMFORD, ROGER J., US [71] ORACLE CORPORATION, US [85] 2000-04-03 [86] 1998-10-05 (PCT/US98/20947) [87] 1999-04-15 (WO99/18510) [30] US (08/946,084) 1997-10-07</p>	<p style="text-align: right;">[21] <b>2,305,513</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B05D 3/02 6B32B 9/00 6B32B 9/04 6B32B 17/06 6B05D 5/06 6B32B 13/12</b> [25] EN [54] <b>TRANSPARENT SUBSTRATE BEARING AN ANTI-STAIN, HYDROPHOBIC COATING, AND PROCESS FOR MAKING IT</b> [54] <b>SUBSTRAT TRANSPARENT PORTANT UNE COUCHE HYDROPHOBE ANTI-TACHE ET SON PROCEDE DE PRODUCTION</b> [72] YAN, YONGAN, US [72] CHEN, DIN-GUO, US [71] YAZAKI CORPORATION, JP [85] 2000-04-03 [86] 1998-10-14 (PCT/US98/21797) [87] 1999-04-22 (WO99/19084) [30] US (60/063,349) 1997-10-15</p>
<p style="text-align: right;">[21] <b>2,305,508</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F28D 1/02 6F28F 3/04 6F28F 1/26</b> [25] EN [54] <b>MODULAR HEAT EXCHANGER AND METHOD OF MAKING</b> [54] <b>ECHANGEUR DE CHALEUR MODULAIRE ET SON PROCEDE DE FABRICATION</b> [72] DIERBECK, ROBERT F., US [71] DIERBECK, ROBERT F., US [85] 2000-04-03 [86] 1998-10-15 (PCT/US98/21745) [87] 1999-04-22 (WO99/19683) [30] US (08/950,721) 1997-10-15</p>	<p style="text-align: right;">[21] <b>2,305,511</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 9/31</b> [25] EN [54] <b>LIGHT SEPARATION AND RECOMBINATION SYSTEM FOR AN OFF-AXIS PROJECTOR</b> [54] <b>SEPARATION DE LUMIERE ET SYSTEME DE RECOMBINAISON DESTINES A UN PROJECTEUR HORS AXE</b> [72] SCOTT, BRADLEY A., US [72] DEBOYNTON, WILLIAM L., US [71] S-VISION, INC., US [85] 2000-04-03 [86] 1998-10-13 (PCT/US98/21584) [87] 1999-04-22 (WO99/19758) [30] US (08/951,970) 1997-10-16</p>	<p style="text-align: right;">[21] <b>2,305,514</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02H 3/22</b> [25] EN [54] <b>SURGE SUPPRESSOR DEVICE</b> [54] <b>DISPOSITIF LIMITEUR DE SURTENSION</b> [72] DUNNING, RICHARD C., US [72] KULBIEDA, TED K., US [72] JONES, JONATHAN L., US [71] POLYPHASER CORPORATION, US [85] 2000-04-03 [86] 1998-08-20 (PCT/US98/17461) [87] 1999-04-22 (WO99/19957) [30] US (60/062,097) 1997-10-14 [30] US (09/044,216) 1998-03-18</p>
<p style="text-align: right;">[21] <b>2,305,509</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B63B 1/12</b> [25] EN [54] <b>TWIN-HULLED VESSEL WITH VARIABLE WIDTHS</b> [54] <b>BATEAU MULTICOQUE DE LARGEUR VARIABLE</b> [72] BULLMER, ERNST, DE [71] BULLMER, ERNST, DE [85] 2000-04-03 [86] 1998-10-01 (PCT/EP98/06256) [87] 1999-04-15 (WO99/17981) [30] DE (197 44 291.9) 1997-10-07</p>	<p style="text-align: right;">[21] <b>2,305,512</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 81/34 6B65D 75/58</b> [25] EN [54] <b>MICROWAVE POPCORN PREPARATION AND SERVING PACKAGE</b> [54] <b>EMBALLAGE PERMETTANT DE PREPARER DU POP-CORN AUX MICRO-ONDES ET DE LE SERVIR</b> [72] SCRIMAGER, CYNTHIA, US [71] HUNT-WESSON, INC., US [85] 2000-04-03 [86] 1998-10-13 (PCT/US98/21540) [87] 1999-04-22 (WO99/19233) [30] US (08/950,278) 1997-10-14</p>	<p style="text-align: right;">[21] <b>2,305,515</b> [13] A1</p> <p>[51] <b>Int.Cl. 7G11B 7/007</b> [25] EN [54] <b>OPTICAL DISC AND APPARATUS FOR SCANNING THE OPTICAL DISC</b> [54] <b>DISQUE OPTIQUE ET DISPOSITIF DE BALAYAGE DU DISQUE</b> [72] VAN DEN ENDEN, GIJSBERT J., NL [71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL [85] 2000-04-03 [86] 1999-07-26 (PCT/EP99/05502) [87] 2000-02-17 (WO00/08637) [30] EP (98202624.7) 1998-08-04 [30] EP (98202890.4) 1998-08-31</p>

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[21] **2,305,516**  
[13] A1

[51] **Int.Cl. 6C09C 3/08 6C08K 9/04 6C09C 1/36**  
[25] EN  
[54] **PRODUCTION OF FREE-FLOWING PARTICULATE MATERIALS USING PARTIALLY NEUTRALISED FATTY ACIDS**  
[54] **PRODUCTION DE MATERIAU PARTICULAIRE A ECOULEMENT FLUIDE A L'AIDE D'ACIDES GRAS PARTIELLEMENT NEUTRALISES**  
[72] KINNIARD, STEPHEN PHILLIP, AU  
[71] MILLENNIUM INORGANIC CHEMICALS, LTD., AU  
[85] 2000-04-03  
[86] 1998-10-08 (PCT/IB98/01706)  
[87] 1999-04-15 (WO99/18160)  
[30] US (08/946,765) 1997-10-08

[21] **2,305,517**  
[13] A1

[51] **Int.Cl. 6C08F 6/00 6C09D 11/00 6C08F 26/02 6C08F 126/02 6C07C 211/13 6C07C 209/68 6C07C 209/82**

[25] EN  
[54] **PROCESS FOR PRODUCING LOW-MOLECULAR-WEIGHT ALLYLAMINE POLYMERS OR ADDITION SALTS THEREOF**  
[54] **PROCEDE DE PRODUCTION DE POLYMERES ALLYLAMINES DE FAIBLE POIDS MOLEAIRE OU SELS D'ADDITION DE CEUX-CI**  
[72] HASHIMOTO, MITSUMASA, JP  
[72] TAKEUCHI, MINORU, JP  
[72] ENDO, TADAO, JP  
[72] FUJITA, YASUHIRO, JP  
[72] KATO, TADASHI, JP  
[72] HAYASHI, IKUO, JP  
[71] NITTO BOSEKI CO., LTD., JP  
[85] 2000-04-03  
[86] 1998-09-10 (PCT/JP98/04069)  
[87] 1999-04-22 (WO99/19372)  
[30] JP (H9-278855) 1997-10-13

[21] **2,305,518**  
[13] A1

[51] **Int.Cl. 6C01B 39/02 6C01B 39/14 6C01B 39/46**  
[25] EN  
[54] **PROCESS FOR PRODUCTION OF ZEOLITES FROM RAW MATERIALS CONTAINING ALKALI ALUMINO HYDRO-SILICATES**  
[54] **PROCEDE DE PRODUCTION DE ZEOLITE A PARTIR DE MATIERES PREMIERES RENFERMANT DES ALUMINO HYDRO-SILICATES ALCALINS**  
[72] FEJES, PAL, HU  
[72] KIRICSI, IMRE, HU  
[72] BANVYLGYI, GYRGY, HU  
[72] SIKLOSI, PÉTER, HU  
[71] FEJES, PAL, HU  
[71] KIRICSI, IMRE, HU  
[71] BANVYLGYI, GYRGY, HU  
[71] SIKLOSI, PÉTER, HU  
[85] 2000-04-03  
[86] 1998-10-28 (PCT/HU98/00094)  
[87] 1999-05-06 (WO99/21797)  
[30] HU (P 97 01747) 1997-10-28

[21] **2,305,519**  
[13] A1

[51] **Int.Cl. 6B01D 25/00 6B01D 39/08 6B01D 25/176**  
[25] EN  
[54] **OPTIMIZED WAX FOR SEALING THE EDGE OF A FILTER SHEET**  
[54] **CIRE OPTIMISEE POUR FERMER HERMETIQUEMENT LE BORD D'UNE FEUILLE DE FILTRE**  
[72] SALE, RICHARD D., US  
[72] SCHIMMEL, MARK W., US  
[72] PRINCE, RICHARD A., US  
[72] ROESSLER, NORBERT, US  
[71] CUNO INCORPORATED, US  
[85] 2000-04-03  
[86] 1998-10-02 (PCT/US98/20729)  
[87] 1999-04-15 (WO99/17861)  
[30] US (60/061,124) 1997-10-06

[21] **2,305,520**  
[13] A1

[51] **Int.Cl. 6B60P 1/44**  
[25] EN  
[54] **PIVOTING SAFETY BARRIER FOR WHEELCHAIR LIFT**  
[54] **BARRIERE DE SECURITE PIVOTANTE D'ELEVATEUR POUR FAUTEUIL ROULANT**  
[72] BUDD, ALFRED L., US  
[72] HERMANSON, JEFFREY J., US  
[71] THE BRAUN CORPORATION, US  
[85] 2000-04-03  
[86] 1999-08-12 (PCT/US99/18427)  
[87] 2000-02-24 (WO00/09359)  
[30] US (60/096,539) 1998-08-13

[21] **2,305,521**  
[13] A1

[51] **Int.Cl. 6A61B 19/00**  
[25] EN  
[54] **ALIGNMENT OF EXTERNAL DEVICE RELATIVE TO IMPLANTED DEVICE**  
[54] **ALIGNEMENT D'UN DISPOSITIF EXTERNE PAR RAPPORT A UN DISPOSITIF IMPLANTE**  
[72] CHEN, JAMES C., US  
[72] HUSTON, DARRIN, US  
[72] WILKERSON, BRIAN D., US  
[71] LIGHT SCIENCES LIMITED PARTNERSHIP, US  
[85] 2000-04-03  
[86] 1998-08-26 (PCT/US98/17736)  
[87] 1999-04-22 (WO99/18879)  
[30] US (08/949,308) 1997-10-13

[21] **2,305,522**  
[13] A1

[51] **Int.Cl. 6A47C 27/10 6A47C 27/14 6A47C 27/18**  
[25] EN  
[54] **MATTRESS STRUCTURE**  
[54] **STRUCTURE DE MATELAS**  
[72] WESTERFELD, STEVEN R., US  
[72] REEDER, RYAN A., US  
[72] STOLPMANN, JAMES R., US  
[72] DALTON, ROGER D., US  
[71] PATMARK COMPANY, INC., US  
[85] 2000-04-03  
[86] 1998-10-09 (PCT/US98/21332)  
[87] 1999-04-22 (WO99/18827)  
[30] US (60/061,492) 1997-10-09  
[30] US (60/061,494) 1997-10-09  
[30] US (60/066,627) 1997-11-26  
[30] US (09/064,297) 1998-04-22

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,305,523</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G10H 7/02</b> [25] EN [54] <b>SOUND-PRODUCING INTEGRATED CIRCUIT WITH VIRTUAL CACHE</b> [54] <b>CIRCUIT INTEGRE PRODUISANT UN SON NUMERIQUE DOTE D'UNE MEMOIRE CACHE VIRTUELLE</b> [72] RINN, LAURENT, FR [71] ATMEL CORPORATION, US [85] 2000-04-03 [86] 1999-08-24 (PCT/US99/19128) [87] 2000-03-16 (WO00/14721) [30] US (09/148,437) 1998-09-04</p>	<p style="text-align: right;">[21] <b>2,305,525</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/39</b> [25] EN [54] <b>SOFT TISSUE COAGULATION PROBE</b> [54] <b>SONDE DE COAGULATION POUR TISSUS MOUS</b> [72] FLEISCHMAN, SIDNEY D., US [72] SWANSON, DAVID K., US [72] SNYDER, EDWARD J., US [72] JENKINS, THOMAS R., US [72] WHAYNE, JAMES G., US [72] KOBBLISH, JOSEF V., US [72] YANG, YI, US [72] THOMPSON, RUSSELL B., US [72] BURNSIDE, ROBERT, US [71] SCIMED LIFE SYSTEMS, INC., US [85] 2000-04-05 [86] 1998-10-09 (PCT/US98/21357) [87] 1999-04-22 (WO99/18878) [30] US (08/949,117) 1997-10-10 [30] US (08/949,083) 1997-10-10 [30] US (08/948,729) 1997-10-10 [30] US (08/949,084) 1997-10-10 [30] US (09/072,872) 1998-05-05 [30] US (09/072,941) 1998-05-05 [30] US (08/072,835) 1998-05-05 [30] US (09/072,834) 1998-05-05 [30] US (09/073,050) 1998-05-05 [30] US (09/072,650) 1998-05-05</p>	<p style="text-align: right;">[21] <b>2,305,527</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/56 6A61F 13/58</b> [25] EN [54] <b>CLOSURE SYSTEM FOR DISPOSABLE ABSORBENT ARTICLE</b> [54] <b>SYSTEME DE FERMETURE POUR ARTICLE ABSORBANT JETABLE</b> [72] SETH, JAYSHREE, US [72] MELBYE, WILLIAM L., US [71] MINNESOTA MINING AND MANUFACTURING COMPANY, US [85] 2000-04-05 [86] 1998-02-23 (PCT/US98/03501) [87] 1999-04-15 (WO99/17697) [30] US (08/944,169) 1997-10-06</p>
<p style="text-align: right;">[21] <b>2,305,524</b> [13] A1</p> <p>[51] <b>Int.Cl. 7H04Q 7/20 7H04L 12/16</b> [25] EN [54] <b>METHOD FOR PROVIDING A DATA SERVICE IN A CDMA COMMUNICATIONS SYSTEM</b> [54] <b>PROCEDE POUR FOURNIR UN SERVICE DE TRANSMISSION DE DONNEES DANS UN SYSTEME DE COMMUNICATION AMDC</b> [72] KIM, JUNG-SIK, KR [71] SAMSUNG ELECTRONICS CO., LTD., KR [85] 2000-04-05 [86] 1999-08-03 (PCT/KR99/00426) [87] 2000-02-17 (WO00/08867) [30] KR (1998/32047) 1998-08-06</p>	<p style="text-align: right;">[21] <b>2,305,526</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 3/00</b> [25] EN [54] <b>PRINTING MEDIUM COMPRISED OF POROUS MEDIUM</b> [54] <b>MILIEU D'IMPRESSIION CONSTITUE D'UN MILIEU POREUX</b> [72] GRINNELL, GARY C., US [72] HIMMELWRIGHT, RICHARD S., US [72] TAYLOR, ALAN RICHARD, US [72] TANG, YU YING, US [71] REXAM GRAPHICS, US [85] 2000-04-05 [86] 1998-10-14 (PCT/US98/20943) [87] 1999-05-06 (WO99/21703) [30] US (08/957,768) 1997-10-24</p>	<p style="text-align: right;">[21] <b>2,305,528</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/06 6C12Q 1/02 6C12Q 1/18</b> [25] EN [54] <b>METHODS AND COMPOSITIONS FOR REDUCING BACTERIAL TOLERANCE OF DISINFECTANTS AND ORGANIC SOLVENTS</b> [54] <b>METHODE ET COMPOSITIONS PERMETTANT DE REDUIRE LA TOLERANCE BACTERIENNE DE DESINFECTANTS ET DE SOLVANTS ORGANIQUES</b> [72] LEVY, STUART B., US [71] TRUSTEES OF TUFTS COLLEGE, US [85] 2000-03-31 [86] 1998-03-20 (PCT/US98/05671) [87] 1999-04-15 (WO99/17791) [30] US (60/060,898) 1997-10-03</p>
		<p style="text-align: right;">[21] <b>2,305,529</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 3/50 6C11D 17/00</b> [25] EN [54] <b>LAUNDRY TREATMENT PRODUCTS FOR SPANDEX CONTAINING FABRICS</b> [54] <b>PRODUITS DE TRAITEMENT POUR LE LAVAGE DU LINGE DESTINES A DES TISSUS A BASE DE SPANDEX?</b> [72] MACMASTER, ANGUS PETER, GB [72] CLEMENTS, CHRISTOPHER FRANCIS, GB [72] LAROCHE, CHARLES, FR [72] PERRING, KEITH DOUGLAS, GB [71] UNILEVER PLC, GB [85] 2000-03-31 [86] 1998-10-09 (PCT/GB98/03053) [87] 1999-04-22 (WO99/19452) [30] GB (9721586.7) 1997-10-10</p>

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[21] **2,305,530**  
[13] A1

[51] **Int.Cl. 6A61M 25/00 6A61M 31/00**  
[25] EN  
[54] **METHODS AND DEVICES FOR CANNULATING A PATIENT'S BLOOD VESSEL**  
[54] **PROCEDES ET DISPOSITIFS POUR INTRODUIRE UNE CANULE DANS LE VAISSEAU SANGUIN D'UN PATIENT**  
[72] CORVI, TIMOTHY J., US  
[72] FAN, SYLVIA W., US  
[72] KOMTEBEDDE, JAN, US  
[72] ROMLEY, RICHARD M., US  
[72] LUCATERO, SYLVESTER B., US  
[72] LEPULU, KEKE J., US  
[72] DONLON, BRIAN S., US  
[71] HEARTPORT, INC., US  
[85] 2000-04-05  
[86] 1998-11-05 (PCT/US98/23644)  
[87] 1999-05-20 (WO99/24102)  
[30] US (08/965,273) 1997-11-06

[21] **2,305,531**  
[13] A1

[51] **Int.Cl. 6C09K 11/06 6C09B 67/00 6C09D 5/00 6C08F 283/00 6C08L 51/08 6C08K 5/46**  
[25] EN  
[54] **ENHANCED DYE DURABILITY THROUGH CONTROLLED DYE ENVIRONMENT**  
[54] **DURABILITE AMELIOREE DE COLORANTS PAR MODIFICATION DE LEUR ENVIRONNEMENT**  
[72] BARRERA, DENISE A., US  
[72] HARELSTAD, ROBERTA E., US  
[72] JOSEPH, WILLIAM D., US  
[72] PAVELKA, LEE A., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-04-05  
[86] 1998-10-19 (PCT/US98/22001)  
[87] 1999-05-06 (WO99/21937)  
[30] US (08/957,291) 1997-10-24

[21] **2,305,532**  
[13] A1

[51] **Int.Cl. 6H01J 29/92**  
[25] EN  
[54] **VISUAL DISPLAY (SUBSTRATE)**  
[54] **DISPOSITIF D'AFFICHAGE (SUBSTRAT)**  
[72] COOPER, ANTHONY JOHN, US  
[71] COMPLETE MULTILAYER SOLUTIONS LIMITED, GB  
[85] 2000-03-31  
[86] 1998-10-01 (PCT/US98/20813)  
[87] 1999-04-08 (WO99/17330)  
[30] GB (9720723.7) 1997-10-01  
[30] US (60/067,508) 1997-12-04

[21] **2,305,533**  
[13] A1

[51] **Int.Cl. 6A61K 9/127 6A61K 39/00 6A61K 38/19 6A61K 31/70**  
[25] EN  
[54] **MULTILAMELLAR COALESCENCE VESICLES (MLCV) CONTAINING BIOLOGICALLY ACTIVE COMPOUNDS**  
[54] **VESICULES DE COALESCENCE MULTILAMELLAIRES (MLCV) CONTENANT DES COMPOSES BIOLOGIQUEMENT ACTIFS**  
[72] BATENJANY, MICHAEL M., US  
[72] BONI, LAWRENCE T., US  
[72] GEVANTMAKHER, STELLA, US  
[72] POPESCU, MIRCEA C., US  
[71] BIOMIRA USA INC., US  
[85] 2000-03-31  
[86] 1998-10-01 (PCT/US98/20780)  
[87] 1999-04-08 (WO99/16426)  
[30] US (60/060,606) 1997-10-01

[21] **2,305,534**  
[13] A1

[51] **Int.Cl. 6H04N 7/52 6H04B 1/66**  
[25] EN  
[54] **FRAME-BASED AUDIO CODING WITH GAIN-CONTROL WORDS**  
[54] **CODAGE ACOUSTIQUE BASE SUR DES TRAMES REALISE PAR DES MOTS A COMMANDE DE GAIN**  
[72] FIELDER, LOUIS DUNN, US  
[72] TODD, CRAIG CAMPBELL, US  
[71] DOLBY LABORATORIES LICENSING CORPORATION, US  
[85] 2000-04-05  
[86] 1998-10-13 (PCT/US98/21552)  
[87] 1999-04-29 (WO99/21371)  
[30] US (08/953,324) 1997-10-17

[21] **2,305,535**  
[13] A1

[51] **Int.Cl. 6A61K 9/22 6A61K 33/00 6A61K 9/16 6A61K 9/52**  
[25] EN  
[54] **CONTROLLED RELEASE SOLID DOSAGE FORMS OF LITHIUM CARBONATE**  
[54] **FORMES GALENIQUES SOLIDES A LIBERATION CONTROLEE AU CARBONATE DE LITHIUM**  
[72] PALEPU, NAGESWARA R., US  
[72] VENKATESH, GOPADI M., US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2000-03-31  
[86] 1998-10-01 (PCT/US98/20579)  
[87] 1999-04-15 (WO99/17751)  
[30] US (60/060,909) 1997-10-03

[21] **2,305,536**  
[13] A1

[51] **Int.Cl. 6H02M 5/257 6H05B 39/08**  
[25] EN  
[54] **PHASE CONTROLLED DIMMING SYSTEM WITH ACTIVE FILTER FOR PREVENTING FLICKERING AND UNDESIRED INTENSITY CHANGES**  
[54] **SYSTEME DE GRADATION DE LUMIERE COMMANDE EN PHASE A FILTRE ACTIF EMPECHANT LE SCINTILLEMENT ET AUTRES CHANGEMENTS D'INTENSITE INDESIRABLES**  
[72] NEWMAN, ROBERT C., JR., US  
[72] HAUSMAN, DONALD F., US  
[72] MOSELEY, ROBIN C., US  
[71] LUTRON ELECTRONICS CO., INC., US  
[85] 2000-03-31  
[86] 1998-09-24 (PCT/US98/19842)  
[87] 1999-04-15 (WO99/18651)  
[30] US (08/942,833) 1997-10-02

[21] **2,305,537**  
[13] A1

[51] **Int.Cl. 6E01C 23/18**  
[25] EN  
[54] **SYSTEM FOR INSTALLING RAISED ROAD MARKERS**  
[54] **SYSTEME D'INSTALLATION DE MARQUES ROUTIERES SURELEVEES**  
[72] GREEN, JOHN L., US  
[71] GREEN, JOHN L., US  
[85] 2000-04-05  
[86] 1998-10-09 (PCT/US98/21393)  
[87] 1999-04-22 (WO99/19569)  
[30] US (08/947,589) 1997-10-09

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[21] **2,305,538**  
[13] A1

[51] **Int.Cl. 6C07D 263/08 6C07D 413/12 6C07D 417/12 6C07D 413/14 6C07D 263/30**  
[25] EN  
[54] **NOVEL COMPOUNDS USEFUL AS NEURO-PROTECTIVE AGENTS EN TANT QU'AGENTS NEUROPROTECTEURS**  
[72] VARIE, DAVID LEE, US  
[72] SHADLE, JOHN KEVIN, US  
[72] RIZZO, JOHN ROBERT, US  
[72] RIECK, JOHN ALLAN III, US  
[72] ANDERSON, BENJAMIN ALAN, US  
[72] PHILLIPS, MICHAEL LEROY, US  
[72] HEINZ, LAWRENCE JOSEPH, US  
[72] PANETTA, JILL ANN, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2000-03-31  
[86] 1998-09-23 (PCT/US98/19854)  
[87] 1999-04-15 (WO99/18091)  
[30] US (60/061,013) 1997-10-06

[21] **2,305,539**  
[13] A1

[51] **Int.Cl. 6B29C 45/27**  
[25] EN  
[54] **HEATER BLOCK WITH UNITIZED REMOVABLE HEAT CONDUCTIVE MEMBER**  
[54] **BLOC CHAUFFANT AVEC ELEMEN CONDUCTEUR THERMIQUE AMOVIBLE**  
[72] MCGREY, ALAN N., US  
[71] CACO PACIFIC CORPORATION, US  
[85] 2000-04-05  
[86] 1998-10-02 (PCT/US98/20731)  
[87] 1999-04-29 (WO99/20451)  
[30] US (08/956,187) 1997-10-22

[21] **2,305,540**  
[13] A1

[51] **Int.Cl. 6F16L 37/00**  
[25] EN  
[54] **KEYED CAP FOR GAS OUTLET VALVE**  
[54] **BOUCHON CLAVETE POUR SOUPEPE DE SORTIE DE GAZ**  
[72] NAJMON, GARY L., US  
[72] MOBLEY, DONALD L., US  
[72] JOHNSON, TEDDY L., US  
[72] HILDENBRAND, CHRIS L., US  
[72] CATTON, EDWARD W., US  
[72] AMBACH, DOUGLAS C., US  
[72] MERKEL, KENNETH M., US  
[72] HOFFMAN, RICHARD E., US  
[72] SLANKER, THOMAS J., US  
[72] MCCORMICK, SCOTT, US  
[72] GALLANT, DENNIS J., US  
[72] BATTA, NICHOLAS C., US  
[72] BUCCIERI, MICHAEL, US  
[72] GROTE, JAMES N., US  
[72] NOBBE, DALE A., US  
[72] VOGEL, JOHN D., US  
[71] HILL-ROM, INC., US  
[85] 2000-03-31  
[86] 1998-10-01 (PCT/US98/20664)  
[87] 1999-04-15 (WO99/18383)  
[30] US (60/060,663) 1997-10-02  
[30] US (60/060,943) 1997-10-03

[21] **2,305,541**  
[13] A1

[51] **Int.Cl. 6B31B 1/00 6B31B 49/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR REGISTERING PROCESSING HEADS**  
[54] **PROCEDE ET APPAREIL POUR L'ALIGNEMENT DES TETES DE TRAITEMENT**  
[72] RUTHENBERG, MEYER L., US  
[72] SILATE, DOUGLAS H., US  
[72] LARKIN, BARRY E., US  
[71] UNITED CONTAINER MACHINERY, INC., US  
[85] 2000-04-05  
[86] 1998-10-07 (PCT/US98/21180)  
[87] 1999-04-29 (WO99/20456)  
[30] US (08/953,160) 1997-10-17

[21] **2,305,542**  
[13] A1

[51] **Int.Cl. 6G21C 19/46**  
[25] EN  
[54] **NUCLEAR FUEL REPROCESSING**  
[54] **RETRAITEMENT DE COMBUSTIBLE NUCLEAIRE**  
[72] HOBBS, JEFFREY WILLIAM, GB  
[72] PARKES, PETER, GB  
[71] BRITISH NUCLEAR FUELS PLC, GB  
[85] 2000-04-05  
[86] 1998-10-09 (PCT/GB98/03035)  
[87] 1999-05-06 (WO99/22379)  
[30] GB (9722496.8) 1997-10-25

[21] **2,305,543**  
[13] A1

[51] **Int.Cl. 6G01N 21/76 6G01N 33/552**  
[25] EN  
[54] **CAPILLARY ASSAY METHOD**  
[54] **SYSTEME DE DOSAGE CAPILLAIRE**  
[72] DANIELSSON, BENGT, SE  
[72] KHAYYAMI, MASOUD, SE  
[72] MOMENI, NAGHI, SE  
[72] TORABI, FERIDON, SE  
[72] BENGMARK, STIG, SE  
[72] RAMANATHAN, KUMARAN, SE  
[72] LARSSON, PER-OLOF, SE  
[71] TMS CHEM AB, SE  
[85] 2000-04-03  
[86] 1998-10-16 (PCT/SE98/01871)  
[87] 1999-04-29 (WO99/20998)  
[30] SE (9703780-8) 1997-10-17

[21] **2,305,544**  
[13] A1

[51] **Int.Cl. 6G11B 27/031 6G11B 27/038**  
[25] EN  
[54] **FRAME-BASED AUDIO CODING WITH VIDEO/AUDIO DATA SYNCHRONIZATION BY DYNAMIC AUDIO FRAME ALIGNMENT**  
[54] **CODAGE AUDIO SUR LA BASE DE TRAMES AVEC UNE SYNCHRONISATION DE DONNEES VIDEO/AUDIO PAR ALIGNEMENT DYNAMIQUE DE TRAMES AUDIO**  
[72] FIELDER, LOUIS DUNN, US  
[71] DOLBY LABORATORIES LICENSING CORPORATION, US  
[85] 2000-04-05  
[86] 1998-10-15 (PCT/US98/21761)  
[87] 1999-04-29 (WO99/21188)  
[30] US (08/953,618) 1997-10-17



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[21] **2,305,545**  
[13] A1  
[51] **Int.Cl. 6G01N 33/50 6G01N 21/62 6G01N 21/64 6G01N 21/77**  
[25] EN  
[54] **SELF-ENCODING FIBER OPTIC SENSOR**  
[54] **CAPTEUR OPTIQUE AUTOCODANT A FIBRES**  
[72] WALT, DAVID R., US  
[72] DICKINSON, TODD A., US  
[71] TRUSTEES OF TUFTS COLLEGE, US  
[85] 2000-04-05  
[86] 1998-10-06 (PCT/US98/21193)  
[87] 1999-04-15 (WO99/18434)  
[30] US (08/944,850) 1997-10-06

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[21] **2,305,546**  
[13] A1  
[51] **Int.Cl. 6D21H 21/22 6D21H 17/07 6D21H 19/68**  
[25] EN  
[54] **TISSUE PAPER HAVING A SUBSTANTIVE ANHYDROUS SOFTENING MIXTURE DEPOSITED THEREON**  
[54] **PAPIER SOIE RECOUVERT D'UN MELANGE ADOUCISSANT ANHYDRE RENFORCE**  
[72] FICKE, JONATHAN ANDREW, US  
[72] VINSON, KENNETH DOUGLAS, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-04-03  
[86] 1998-10-08 (PCT/US98/21184)  
[87] 1999-04-15 (WO99/18289)  
[30] US (08/947,422) 1997-10-08

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[21] **2,305,547**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/34**  
[25] EN  
[54] **SPEECH/RADIO QUALITY EVALUATOR**  
[54] **EVALUATEUR DE QUALITE PAROLE/RADIO**  
[72] CUFFARO, ANGELO, CA  
[72] WINGROWICZ, EDWARD, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-04-05  
[86] 1998-10-09 (PCT/SE98/01825)  
[87] 1999-04-22 (WO99/20068)  
[30] US (08/948,898) 1997-10-10

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[21] **2,305,548**  
[13] A1  
[51] **Int.Cl. 6C07D 213/71 6C07D 401/12 6C07D 403/12 6C07D 405/12 6C07D 409/12 6C07D 417/12 6C07C 311/13 6A61K 31/18 6A61K 31/40 6A61K 31/415 6A61K 31/425 6A61K 31/435 6A61K 31/505 6C07D 233/84**  
[25] EN  
[54] **PROSTAGLANDIN AGONISTS AND THEIR USE TO TREAT BONE DISORDERS**  
[54] **AGONISTES DE LA PROSTAGLANDINE ET LEUR UTILISATION POUR LE TRAITEMENT DES PROBLEMES OSSEUX**  
[72] ROSATI, ROBERT LOUIS, US  
[72] LEFKER, BRUCE ALLEN, US  
[72] CAMERON, KIMBERLY O'KEEFE, US  
[71] PFIZER INC., US  
[85] 2000-04-05  
[86] 1998-10-05 (PCT/IB98/01540)  
[87] 1999-04-22 (WO99/19300)  
[30] US (60/061,727) 1997-10-10

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[21] **2,305,562**  
[13] A1  
[51] **Int.Cl. 6G06K 19/077**  
[25] FR  
[54] **PROCEDE POUR LA FABRICATION D'UN DISPOSITIF ELECTRONIQUE A PUCE ET/OU A ANTENNE ET DISPOSITIF OBTENU PAR LE PROCEDE**  
[54] **METHOD FOR MAKING AN ELECTRONIC DEVICE WITH CHIP AND/OR ANTENNA AND DEVICE OBTAINED BY SAID METHOD**  
[72] ODDOU, LAURENT, FR  
[72] BRUNET, OLIVIER, FR  
[71] GEMPLUS, S.C.A., FR  
[85] 2000-03-30  
[86] 1998-10-05 (PCT/FR98/02121)  
[87] 1999-04-15 (WO99/18540)  
[30] FR (97/13734) 1997-10-03

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[21] **2,305,564**  
[13] A1  
[51] **Int.Cl. 6C07D 319/06 6C12P 7/04 6C07D 319/08 6C07C 59/115 6C07C 51/353 6C07C 59/90**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF OPTICALLY ACTIVE 2--6-(HYDROXYMETHYL)-1,3-DIOXAN-4-YL|ACETIC ACID DERIVATIVES**  
[54] **PROCEDE DE PREPARATION DE DERIVES OPTIQUEMENT ACTIFS DE L'ACIDE 2--6-(HYDROXYMETHYL)-1,3-DIOXAN-4-YL| ACETIQUE**  
[72] YASOHARA, YOSHIHIKO, JP  
[72] KONDO, TAKESHI, JP  
[72] UEYAMA, NOBORU, JP  
[72] YAMADA, YUKIO, JP  
[72] INOUE, KENJI, JP  
[72] KIZAKI, NORIYUKI, JP  
[72] MIYAZAKI, MAKOTO, JP  
[72] MITSUDA, MASARU, JP  
[72] NISHIYAMA, AKIRA, JP  
[71] KANEKA CORPORATION, JP  
[85] 2000-03-31  
[86] 1999-08-05 (PCT/JP99/04229)  
[87] 2000-02-17 (WO00/08011)  
[30] JP (10/221495) 1998-08-05  
[30] JP (11/158033) 1999-06-04

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[21] **2,305,565**  
[13] A1  
[51] **Int.Cl. 6C11D 3/00 6C11D 3/20 6C11D 3/33 6C11D 3/34 6C11D 3/36 6C11D 3/39**  
[25] EN  
[54] **PEROXYGEN BLEACH-CONTAINING COMPOSITIONS COMPRISING A PARTICULAR CHELATING AGENT SYSTEM**  
[54] **COMPOSITIONS CONTENANT UN AGENT DE BLANCHIMENT PEROXYDE QUI COMPORTENT UN SYSTEME D'AGENT CHELATANT PARTICULIER**  
[72] SILVAGGI, LORENA, IT  
[72] RASO, FLORIANA, IT  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-03-31  
[86] 1998-09-25 (PCT/IB98/01495)  
[87] 1999-04-15 (WO99/18180)  
[30] EP (97203041.5) 1997-10-03

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[21] **2,305,566**  
[13] A1

[51] Int.Cl. 6C08L 9/00 6C09D 5/02 6C08L 101/02 6C08L 33/08 6C08L 33/10 6C08L 57/10 6C08L 33/12

[25] EN

[54] SCRUB RESISTANT LATEXES

[54] LATEX RESISTANTS AU

FROTTEMENT

[72] DEFUSCO, ANDREW JOSEPH, US

[72] KAMINSKI, VICTOR VINCENT, US

[72] VANDEZANDE, GERALD

ANTHONY, US

[71] UNION CARBIDE CHEMICALS &

PLASTICS TECHNOLOGY

CORPORATION, US

[85] 2000-03-31

[86] 1998-10-01 (PCT/US98/21089)

[87] 1999-04-15 (WO99/18157)

[30] US (60/061,049) 1997-10-03

[21] **2,305,567**  
[13] A1

[51] Int.Cl. 6D21H 21/22 6D21H 17/07 6D21H 19/12

[25] EN

[54] SOFT TISSUE PAPER HAVING A SOFTENING COMPOSITION

CONTAINING AN ELECTROLYTE DEPOSITED THEREON

[54] PAPIER HYGIENIQUE DOUX CONTENANT UNE COMPOSITION ADOUCISSANTE SUR LAQUELLE EST DEPOSE UN ELECTROLYTE

[72] VINSON, KENNETH DOUGLAS, US

[72] WARD, RICHARD MARTIN, US

[72] WAHL, ERROL HOFFMAN, US

[72] FAGIN, SEAN PATRICK, US

[71] THE PROCTER & GAMBLE

COMPANY, US

[85] 2000-03-31

[86] 1998-10-01 (PCT/US98/20738)

[87] 1999-04-08 (WO99/16974)

[30] US (08/942,053) 1997-10-01

[30] US (09/053,319) 1998-04-01

[21] **2,305,568**  
[13] A1

[51] Int.Cl. 6C07D 213/81 6C07D 271/06 6C07D 261/10 6C07D 413/12 6C07D 213/18 6C07D 295/20 6C07D 295/22 6C07D 333/34 6C07D 215/36 6C07D 333/38 6A61K 31/495 6C07D 317/68 6C07D 333/70 6C07D 311/74

[25] EN

[54] BENZAMIDINDERIVATES

[54] DERIVES DE BENZAMIDINE

[72] DORSCH, DIETER, DE

[72] WURZIGER, HANNS, DE

[72] MELZER, GUIDO, DE

[72] JURASZYK, HORST, DE

[72] BERNOTAT-DANIELOWSKI,

SABINE, DE

[71] MERCK PATENT GESELLSCHAFT

MIT BESCHRANKTER HAFTUNG, DE

[85] 2000-03-31

[86] 1998-09-16 (PCT/EP98/05898)

[87] 1999-04-08 (WO99/16751)

[30] DE (197 43 435.5) 1997-10-01

[21] **2,305,569**  
[13] A1

[51] Int.Cl. 6C07B 63/00 6C07C 231/24 6C07C 237/46

[25] EN

[54] PROCESS FOR THE CRYSTALLISATION OF STERICALLY HINDERED COMPOUNDS

[54] PROCEDE DE CRISTALLISATION DE COMPOSES STERIQUEMENT ENCOMBRES

[72] CERVENKA, JAN, NO

[71] NYCOMED IMAGING AS, NO

[85] 2000-03-31

[86] 1998-10-02 (PCT/GB98/02955)

[87] 1999-04-15 (WO99/18054)

[30] GB (9720969.6) 1997-10-02

[21] **2,305,570**  
[13] A1

[51] Int.Cl. 6B65G 51/03

[25] EN

[54] CONTAINER HANDLING SYSTEM

[54] SYSTEME DE MANUTENTION DE CONTENEURS

[72] VINCENT, PATRIS S., US

[72] BUSSE, BRIAN E., US

[72] CONGREVE, GEORGE J., US

[71] BUSSE BROS. INC., US

[85] 2000-03-31

[86] 1998-10-01 (PCT/US98/20568)

[87] 1999-04-08 (WO99/16690)

[30] US (60/060,832) 1997-10-01

[21] **2,305,571**  
[13] A1

[51] Int.Cl. 6C22F 1/08 6H01L 39/12

[25] EN

[54] SUBSTRATES FOR SUPERCONDUCTORS

[54] SUBSTRATS POUR SUPRACONDUCTEURS

[72] SIEGAL, EDWARD J., US

[72] THOMPSON, ELLIOTT D., US

[72] FRITZEMEIER, LESLIE G., US

[72] HULTS, W. LARRY, US

[72] SMITH, JAMES L., US

[72] CAMERON, ROBERT D., US

[72] THIEME, CORNELIS LEO HANS, US

[71] AMERICAN SUPERCONDUCTOR

CORPORATION, US

[71] THE REGENTS OF THE

UNIVERSITY OF CALIFORNIA, US

[85] 2000-03-31

[86] 1998-09-30 (PCT/US98/20407)

[87] 1999-04-08 (WO99/16941)

[30] US (08/942,038) 1997-10-01

[21] **2,305,572**  
[13] A1

[51] Int.Cl. 6G06K 9/00

[25] EN

[54] SYSTEM AND METHOD FOR FIXED-RATE BLOCK-BASED IMAGE COMPRESSION WITH INFERRED PIXEL VALUES

[54] SYSTEME ET PROCEDE DE COMPRESSION D'IMAGE EN BLOCS A VITESSE FIXE AU MOYEN DE VALEURS DE PIXELS INFEREES

[72] HONG, ZHOU, US

[72] IOURCHA, KONSTANTINE, US

[72] NAYAK, KRISHNA S., US

[71] S3 INCORPORATED, US

[85] 2000-03-31

[86] 1998-09-28 (PCT/US98/20359)

[87] 1999-04-15 (WO99/18537)

[30] US (08/942,860) 1997-10-02

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,305,576</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/82</b> [25] EN [54] <b>A PROCESS FOR OBTAINING TRANSGENIC LEGUMINOUS PLANTS (LEGUMINOSAE) CONTAINING EXOGENOUS DNA</b> [54] <b>PROCEDE POUR OBTENIR DES LEGUMINEUSES TRANSGENIQUES (LEGUMINOSAE) CONTENANT DE L'ADN EXOGENE</b> [72] LIMA ARAGAO, FRANCISCO JOSE, BR [72] RECH FILHO, ELIBIO LEOPOLDO, BR [71] EMBRAPA-EMPRESA BRASILEIRA DE PESQUISA AGROPECUARIA, BR [85] 2000-04-06 [86] 1997-10-07 (PCT/BR97/00053) [87] 1999-04-15 (WO99/18223)</p>	<p style="text-align: right;">[21] <b>2,305,578</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 17/32 6B65D 51/18</b> [25] EN [54] <b>CAN END</b> [54] <b>EXTREMITE DE BOITE METALLIQUE</b> [72] CALLEWAERT, GEORGE, GB [71] SPURCOURT LIMITED, GB [85] 2000-03-31 [86] 1998-10-01 (PCT/GB98/02945) [87] 1999-04-08 (WO99/16677) [30] GB (9720804.5) 1997-10-01</p>	<p style="text-align: right;">[21] <b>2,305,581</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C25C 3/08</b> [25] EN [54] <b>POTLINING TO ENHANCE CELL PERFORMANCE IN ALUMINUM PRODUCTION</b> [54] <b>REVETEMENT DE CUVE DESTINE A AMELIORER LE RENDEMENT DE LA CUVE DANS LA PRODUCTION D'ALUMINIUM</b> [72] KELLER, RODOLF, US [71] EMEC CONSULTANTS, US [85] 2000-03-31 [86] 1998-09-22 (PCT/US98/19680) [87] 1999-04-15 (WO99/18263) [30] US (08/943,024) 1997-10-02</p>
<p style="text-align: right;">[21] <b>2,305,577</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12P 13/20 6C12N 15/60</b> [25] EN [54] <b>METHOD FOR MICROBIAL PRODUCTION OF AMINO ACIDS OF THE ASPARTATE AND/OR GLUTAMATE FAMILY AND AGENTS WHICH CAN BE USED IN SAID METHOD</b> [54] <b>PROCEDE DE PREPARATION MICROBIENNE D'AMINOACIDES DE LA FAMILLE DEL'ASPARTATE ET/OU DU GLUTAMATE ET AGENTS UTILISABLES DANS LE CADRE DE L'APPLICATION DUDIT PROCEDE</b> [72] SAHM, HERMANN, DE [72] EIKMANN, BERND, DE [72] PETERS-WENDISCH, PETRA, DE [71] FORSCHUNGSZENTRUM JÖLICH GMBH, DE [85] 2000-04-03 [86] 1998-09-30 (PCT/EP98/06210) [87] 1999-04-15 (WO99/18228) [30] DE (197 43 894.6) 1997-10-04 [30] DE (198 31 609.7) 1998-07-14</p>	<p style="text-align: right;">[21] <b>2,305,579</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B21J 15/04 6B21J 15/06 6F16B 19/10</b> [25] EN [54] <b>BLIND RIVETING</b> [54] <b>RIVETAGE AVEUGLE</b> [72] DENHAM, KEITH, GB [71] TEXTRON FASTENING SYSTEMS LIMITED, GB [85] 2000-03-31 [86] 1998-10-05 (PCT/GB98/02983) [87] 1999-04-22 (WO99/19097) [30] GB (9721538.8) 1997-10-10</p>	<p style="text-align: right;">[21] <b>2,305,582</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 265/16</b> [25] EN [54] <b>HIGH CHAR YIELD BENZOXAZINES</b> [54] <b>BENZOXAZINES A PRODUCTION ELEVEE DE PRODUITS DE CARBONISATION</b> [72] ISHIDA, HATSUO, US [71] EDISON POLYMER INNOVATION CORPORATION, US [85] 2000-03-31 [86] 1998-09-22 (PCT/US98/19799) [87] 1999-04-15 (WO99/18092) [30] US (08/943,989) 1997-10-03</p>
<p style="text-align: right;">[21] <b>2,305,580</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 277/64</b> [25] EN [54] <b>PROCESS FOR PRODUCING SUBSTITUTED ALKYLAMINES OR SALTS THEREOF</b> [54] <b>PROCEDE DE PRODUCTION D'ALKYLAMINES SUBSTITUEES OU DE LEURS SELS</b> [72] UMEZU, KAZUTO, JP [72] TANIGUCHI, SHUJI, JP [72] HIYOSHI, HIDETAKA, JP [72] OGAWA, MAHITO, JP [71] IHARA CHEMICAL INDUSTRY CO., LTD., JP [85] 2000-03-31 [86] 1998-09-24 (PCT/JP98/04284) [87] 1999-04-08 (WO99/16759) [30] JP (9/284337) 1997-10-01</p>	<p style="text-align: right;">[21] <b>2,305,583</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 1/44 6B01D 61/08 6B01D 61/12</b> [25] EN [54] <b>APPARATUS AND METHOD FOR THE PURIFICATION OF WATER</b> [54] <b>APPAREIL ET PROCEDE D'EPURATION D'EAU POTABLE</b> [72] WISEBURGH, PETER, IL [72] TANNY, GERALD, IL [72] HULLEY, PETER, GB [71] SODA CLUB (CO2) SA, CH [85] 2000-03-31 [86] 1998-09-28 (PCT/IL98/00469) [87] 1999-04-15 (WO99/18033) [30] IL (121883) 1997-10-05</p>	

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[21] **2,305,584**  
[13] A1  
[51] **Int.Cl. 6B65D 63/16**  
[25] EN  
[54] **LOCKING DEVICE**  
[54] **DISPOSITIF DE BLOCAGE**  
[72] AHLGREN, OVE, SE  
[71] AB BIWEX, SE  
[85] 2000-03-31  
[86] 1998-10-05 (PCT/SE98/01789)  
[87] 1999-04-15 (WO99/18005)  
[30] SE (9703637-0) 1997-10-06

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[21] **2,305,585**  
[13] A1  
[51] **Int.Cl. 6A61M 5/32**  
[25] EN  
[54] **DISPOSABLE SELF-SHIELDING UNIT DOSE SYRINGE GUARD**  
[54] **DISPOSITIF AUTO-PROTECTEUR JETABLE POUR SERINGUE A DOSE UNITAIRE**  
[72] FIRTH, JOHN R., US  
[72] PEREZ, ANTHONY R., US  
[72] MITCHELL, DAVID W., US  
[71] SAFETY SYRINGES, INC., US  
[85] 2000-03-30  
[86] 1998-09-24 (PCT/US98/19929)  
[87] 1999-04-15 (WO99/17823)  
[30] US (08/942,938) 1997-10-02

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[21] **2,305,586**  
[13] A1  
[51] **Int.Cl. 6G01S 5/14 6G01S 5/10**  
[25] EN  
[54] **POSITIONING SYSTEM FOR DIGITAL TELEPHONE NETWORKS**  
[54] **SYSTEME DE POSITIONNEMENT POUR RESEAUX TELEPHONIQUES NUMERIQUES**  
[72] HANSEN, PAUL, GB  
[72] DUFFETT-SMITH, PETER JAMES, GB  
[71] CAMBRIDGE POSITIONING SYSTEMS LIMITED, GB  
[85] 2000-03-30  
[86] 1998-10-21 (PCT/GB98/03149)  
[87] 1999-04-29 (WO99/21028)  
[30] GB (9722324.2) 1997-10-22  
[30] GB (9819450.0) 1998-08-24

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[21] **2,305,587**  
[13] A1  
[51] **Int.Cl. 6H04L 12/66**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROCESSING DATA PACKETS**  
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE PAQUETS DE DONNEES**  
[72] BREMER, CLARK, US  
[72] SEVERNS, CHRISTINE, US  
[72] VANDERWARN, BRIAN D., US  
[71] ASCEND COMMUNICATIONS, INCORPORATED, US  
[85] 2000-03-30  
[86] 1998-10-02 (PCT/US98/20795)  
[87] 1999-04-15 (WO99/18699)  
[30] US (08/943,512) 1997-10-03

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[21] **2,305,588**  
[13] A1  
[51] **Int.Cl. 6G06F 17/50**  
[25] EN  
[54] **COMPUTER BASED SYSTEM FOR DISPLAYING IN FULL MOTION LINKED CONCEPT COMPONENTS FOR PRODUCING SELECTED TECHNICAL RESULTS**  
[54] **SYSTEME INFORMATIQUE PERMETTANT DE PRESENTER EN IMAGES ANIMEES DES ELEMENTS CONCEPTUELS RELIES POUR OBTENIR DES RESULTATS TECHNIQUES SELECTIONNES**  
[72] GLAZUNOV, VITALY N., RU  
[72] BATCHILO, LEONID S., US  
[72] TSOURIKOV, VALERY M., US  
[72] KIRKOVSKI, ALEXANDRE I., BY  
[72] KORZOUN, ALEXANDRE N., BY  
[71] INVENTION MACHINE CORPORATION, US  
[85] 2000-03-30  
[86] 1998-10-07 (PCT/US98/21126)  
[87] 1999-04-15 (WO99/18527)  
[30] US (08/946,395) 1997-10-07

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[21] **2,305,589**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/22 6H04Q 7/32 6H04M 3/38 6H04M 1/66**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROVIDING RESTRICTIONS ON MOBILE-ORIGINATED CALLS**  
[54] **SYSTEME ET PROCEDE POUR ASSURER DES RESTRICTIONS POUR LES APPELS PROVENANT DE TELEPHONES MOBILES**  
[72] BOLTZ, DAVID, US  
[71] ERICSSON, INC., US  
[85] 2000-03-30  
[86] 1998-09-30 (PCT/US98/20434)  
[87] 1999-04-15 (WO99/18704)  
[30] US (08/942,658) 1997-10-02

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[21] **2,305,590**  
[13] A1  
[51] **Int.Cl. 6C07C 29/149**  
[25] EN  
[54] **METHOD FOR PRODUCING 1,6-HEXANEDIOL**  
[54] **PROCEDE POUR LA PREPARATION DE 1,6-HEXANEDIOL**  
[72] STEIN, FRANK, DE  
[72] LIANG, SHELUE, CN  
[72] FISCHER, ROLF HARTMUTH, DE  
[72] PINKOS, ROLF, DE  
[72] BREITSCHIEDEL, BORIS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-03-21  
[86] 1998-12-10 (PCT/EP98/08072)  
[87] 1999-07-08 (WO99/33773)  
[30] DE (19757554.4) 1997-12-23

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[21] **2,305,591**  
[13] A1  
[51] **Int.Cl. 6A61G 5/06 6A61G 5/04**  
[25] EN  
[54] **SAFETY SEPARATION SYSTEM**  
[54] **SYSTEME DE SEPARATION DE SECURITE**  
[72] LANGENFELD, CHRISTOPHER C., US  
[72] SMITH, STANLEY B., III, US  
[72] STEENSON, JAMES H., JR., US  
[72] KAMEN, DEAN L., US  
[72] AMBROGI, ROBERT, US  
[72] MORRELL, JOHN B., US  
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US  
[85] 2000-03-30  
[86] 1998-10-08 (PCT/US98/21200)  
[87] 1999-04-22 (WO99/18907)  
[30] US (60/061,974) 1997-10-14

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[21] **2,305,592**  
[13] A1  
[51] **Int.Cl. 6G06F 17/00**  
[25] EN  
[54] **METHOD FOR PROCESSING HYPERLINK INFORMATION**  
[54] **PROCEDE DE TRAITEMENT D'INFORMATIONS HYPERLIENS**  
[72] JOHNSON, GERALD HERBERT JR., US  
[72] SPITZNAGEL, KIM LORING, US  
[71] MOTOROLA, INC., US  
[85] 2000-03-30  
[86] 1998-10-05 (PCT/US98/20870)  
[87] 1999-04-15 (WO99/18519)  
[30] US (08/944,278) 1997-10-06

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[21] **2,305,593**  
[13] A1  
[51] **Int.Cl. 6C04B 14/36 6C04B 16/00 6C09C 1/04 6C09D 5/08**  
[25] EN  
[54] **HYBRID PIGMENT GRADE CORROSION INHIBITOR COMPOSITIONS AND PROCEDURES**  
[54] **PROCEDES ET COMPOSITIONS PIGMENTAIRES HYBRIDES ANTICORROSION**  
[72] SINKO, JOHN, US  
[71] WAYNE PIGMENT CORP., US  
[85] 2000-03-30  
[86] 1998-10-02 (PCT/US98/20801)  
[87] 1999-04-15 (WO99/18044)  
[30] US (08/942,932) 1997-10-02

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[21] **2,305,594**  
[13] A1  
[51] **Int.Cl. 6H04L 29/08 6H04J 11/00 6H04L 5/06 6H04M 11/06**  
[25] EN  
[54] **COMMUNICATION DEVICE AND METHOD**  
[54] **DISPOSITIF DE COMMUNICATION ET PROCEDE CORRESPONDANT**  
[72] MATSUMOTO, WATARU, JP  
[72] NARIKAWA, MASAFUMI, JP  
[72] FUKUSHIMA, HIDENOBU, JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[85] 2000-03-30  
[86] 1999-06-04 (PCT/JP99/02991)  
[87] 2000-02-10 (WO00/07342)  
[30] JP (10-217120) 1998-07-31  
[30] JP (10-234544) 1998-08-20  
[30] JP (10-309571) 1998-09-09

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[21] **2,305,595**  
[13] A1  
[51] **Int.Cl. 6F16K 24/04**  
[25] EN  
[54] **ELECTRONIC FILL LIMIT CONTROL**  
[54] **COMMANDE ELECTRONIQUE DE LIMITE DE REMPLISSAGE**  
[72] HARRIS, ROBERT S., US  
[71] STANT MANUFACTURING INC., US  
[85] 2000-03-30  
[86] 1998-10-02 (PCT/US98/20735)  
[87] 1999-04-15 (WO99/18379)  
[30] US (60/060,662) 1997-10-02

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[21] **2,305,596**  
[13] A1  
[51] **Int.Cl. 6A61M 39/02**  
[25] EN  
[54] **GUIDEWIRE COMPATIBLE PORT AND METHOD FOR INSERTING SAME**  
[54] **ORIFICE ADAPTABLE A UN FIL-GUIDE ET PROCEDE D'INSERTION DE CE DERNIER**  
[72] DAVEY, CHRIS, US  
[72] HAARALA, BRETT, US  
[72] SHAW, WILLIAM, US  
[71] BOSTON SCIENTIFIC CORPORATION, US  
[85] 2000-03-30  
[86] 1998-10-01 (PCT/US98/20778)  
[87] 1999-04-08 (WO99/16501)  
[30] US (08/941,919) 1997-10-01

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[21] **2,305,597**  
[13] A1  
[51] **Int.Cl. 6A61K 47/48 6A61K 49/00 6G01N 33/68**  
[25] EN  
[54] **AFFINITY MARKERS FOR HUMAN SERUM ALBUMIN**  
[54] **MARQUEURS D'AFFINITE POUR LA SERUM-ALBUMINE HUMAINE**  
[72] HANEL, ARTHUR M., US  
[72] HOLMES, DARREN L., CA  
[72] BRIDON, DOMINIQUE P., CA  
[72] HUANG, WOLIN, US  
[72] KRANTZ, ALEXANDER, US  
[71] CONJUCHEM, INC., CA  
[85] 2000-03-27  
[86] 1998-11-06 (PCT/US98/23705)  
[87] 1999-05-20 (WO99/24075)  
[30] US (60/064,705) 1997-11-07  
[30] US (60/077,927) 1998-03-13

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[21] **2,305,598**  
[13] A1  
[51] **Int.Cl. 6A23L 1/302 6A61K 31/205 6A23L 1/305**  
[25] EN  
[54] **COMPOSITION FOR SUPPRESSING WITHDRAWAL SYMPTOMS AND CRAVING FOR ALCOHOL IN ALCOHOLICS AND PREVENTING THE ABUSE OF ALCOHOL IN HEALTHY SUBJECTS**  
[54] **COMPOSITIONS PERMETTANT DE SUPPRIMER LES SYMPTOMES DE MANQUE ET LES ENVIES IRREPRESSIBLES D'ALCOOL CHEZ LES ALCOOLIQUES, ET D'EVITER L'ABUS D'ALCOOL CHEZ LES SUJETS SAINS**  
[72] FASSI, ALDO, IT  
[72] CAVAZZA, CLAUDIO, IT  
[71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A., IT  
[85] 2000-03-30  
[86] 1998-09-18 (PCT/IT98/00249)  
[87] 1999-04-15 (WO99/17623)  
[30] IT (RM97A000594) 1997-10-03

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[21] **2,305,599**  
[13] A1  
[51] **Int.Cl. 6A61K 31/715 6C07H 1/00**  
[25] EN  
[54] **IMINE-FORMING POLYSACCHARIDES, PREPARATION THEREOF AND THE USE THEREOF AS ADJUVANTS AND IMMUNOSTIMULANTS**  
[54] **POLYSACCHARIDES FORMATEURS D'IMINE, LEUR PREPARATION, ET LEUR UTILISATION EN TANT QU'ADJUVANTS ET IMMUNOSTIMULANTS**  
[72] MARCIANI, DANTE J., US  
[71] GALENICA PHARMACEUTICALS, INC., US  
[85] 2000-03-30  
[86] 1998-10-02 (PCT/US98/20660)  
[87] 1999-04-15 (WO99/17783)  
[30] US (60/060,786) 1997-10-03

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<p style="text-align: center;">[21] <b>2,305,600</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01S 5/08 6G05D 1/03</b> [25] EN [54] <b>METHOD FOR DETERMINING THE POSITION OF AN AUTOMATED GUIDED VEHICLE</b> [54] <b>PROCEDE PERMETTANT DE DETERMINER LA POSITION D'UN VEHICULE AUTOMATIQUE GUIDE..</b> [72] HOLMQUIST, FREDRIK, SE [71] APOGEUM AB, SE [85] 2000-03-30 [86] 1998-10-13 (PCT/SE98/01840) [87] 1999-04-29 (WO99/21027) [30] SE (9703779-0) 1997-10-17</p>	<p style="text-align: center;">[21] <b>2,305,613</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B01L 11/00 7G01N 1/40</b> [25] EN [54] <b>METHODS AND APPARATUS FOR DETERMINING ANALYTES IN VARIOUS MATRICES</b> [54] <b>PROCEDES ET APPAREILS POUR DETERMINER LES ANALYSATS DANS DIFFERENTES MATRICES</b> [72] ROOT, BENNETT W., JR., US [72] PEASLEY, BARBARA J., US [72] SORENSEN, JOHN T., US [72] MITTELSTEIN, MICHAEL, US [72] GORDON, VIRGINIA C., US [72] ELIAS, JOHN F., US [72] MIRHASHEMI, SOHEILA, US [71] SAFETY ASSOCIATES, INC., US [85] 2000-04-04 [86] 1998-10-21 (PCT/US98/22186) [87] 1999-04-29 (WO99/20396) [30] US (60/063,038) 1997-10-22 [30] US (09/058,238) 1998-04-09</p>	<p style="text-align: center;">[21] <b>2,305,615</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01R 33/945</b> [25] EN [54] <b>WATTHOUR METER SOCKET ADAPTER</b> [54] <b>CULOT D'ADAPTATION DE WATT-HEUREMETRE</b> [72] PRUEHS, ALLEN V., US [72] LOEHR, KARL R., US [72] ROBINSON, DARRELL, US [71] EKSTROM INDUSTRIES, INC., US [85] 2000-04-04 [86] 1998-10-29 (PCT/US98/22890) [87] 1999-05-14 (WO99/23495) [30] US (60/064,355) 1997-10-30</p>
<p style="text-align: center;">[21] <b>2,305,612</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 307/93 6C07D 493/04 6A61K 31/34 6A61K 31/445 6A61K 31/495 6A61K 31/535</b> [25] EN [54] <b>HALOGEN SUBSTITUTED TETRACYCLIC TETRAHYDROFURAN DERIVATIVES</b> [54] <b>DERIVES DE TETRACYCLIQUES TETRAHYDROFURANINIQUES HALOGENO-SUBSTITUES</b> [72] ANDRES-GIL, JOSE IGNACIO, ES [72] FERNANDEZ-GADEA, FRANCISCO JAVIER, ES [72] DIAZ-MARTINEZ, ADOLFO, ES [72] GIL-LOPETEGUI, PILAR, ES [71] JANSSEN PHARMACEUTICA N.V., BE [85] 2000-04-04 [86] 1998-10-06 (PCT/EP98/06352) [87] 1999-04-22 (WO99/19317) [30] EP (97203154.6) 1997-10-10</p>	<p style="text-align: center;">[21] <b>2,305,614</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 43/38 6A01N 43/20 6A01N 43/24 6A01N 37/34</b> [25] EN [54] <b>METHOD FOR PREPARING SUBSTITUTED 4-PHENYL-4-CYANOCYCLOHEXANOIC ACIDS</b> [54] <b>PROCEDE DE PREPARATION D'ACIDES 4-PHENYL-4-CYANOCYCLOHEXANOIQUES SUBSTITUES</b> [72] CHEN, JIAN-HOA, US [72] MENDELSON, WILFORD, US [72] WEBB, KEVIN, US [71] SMITHKLINE BEECHAM CORPORATION, US [85] 2000-04-04 [86] 1998-10-07 (PCT/US98/21061) [87] 1999-04-22 (WO99/18793) [30] US (60/061,613) 1997-10-10</p>	<p style="text-align: center;">[21] <b>2,305,616</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B24D 3/14 6C04B 35/111</b> [25] EN [54] <b>LOW TEMPERATURE BOND FOR ABRASIVE TOOLS</b> [54] <b>LIAISON BASSE TEMPERATURE POUR OUTILS ABRASIFS</b> [72] QI, DONGXIN, CN [72] LUNDBERG, ROBERT S., US [71] NORTON COMPANY, US [85] 2000-04-04 [86] 1998-07-29 (PCT/US98/15711) [87] 1999-05-14 (WO99/22910) [30] US (08/962,482) 1997-10-31</p>
		<p style="text-align: center;">[21] <b>2,305,617</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E02F 9/28</b> [25] EN [54] <b>MECHANICAL RETENTION SYSTEM FOR GROUND ENGAGING TOOLS</b> [54] <b>SYSTEME DE RETENTION MECANIQUE POUR INSTRUMENTS VENANT EN CONTACT AVEC LE SOL</b> [72] GALE, PRESTON L., US [72] LIVESAY, RICHARD E., US [72] STICKLING, CHRISTOPHER J., US [71] CATERPILLAR INC., US [85] 2000-04-04 [86] 1998-10-23 (PCT/US98/22448) [87] 1999-05-14 (WO99/23315) [30] US (08/961,304) 1997-10-30</p>

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[21] **2,305,618**  
[13] A1

[51] **Int.Cl. 6C07C 255/20 6C07B 31/00 6C07D 207/34**  
[25] EN  
[54] **PROCESS FOR THE SYNTHESIS OF 1,3-DIOLS**  
[54] **PROCEDE DE SYNTHESE DE 1,3-DIOLS**  
[72] BOSCH, ROBERT LEE, US  
[72] STAHL, ROBERT JOSEPH, US  
[72] NANNINGA, THOMAS NORMAN, US  
[72] MCCABE, RICHARD JOSEPH, US  
[71] WARNER-LAMBERT COMPANY, US  
[85] 2000-03-30  
[86] 1998-12-02 (PCT/US98/25493)  
[87] 1999-07-01 (WO99/32434)  
[30] US (60/068,193) 1997-12-19

[21] **2,305,619**  
[13] A1

[51] **Int.Cl. 6C08B 37/10 6A61K 31/715**  
[25] EN  
[54] **NOVEL GLYCOSAMINOGLYCAN AND DRUG COMPOSITIONS CONTAINING THE SAME**  
[54] **NOUVEAU GLYCOSAMINOGLYCAN ET COMPOSITIONS MEDICAMENTEUSES LE CONTENANT**  
[72] KAMEI, KAEKO, JP  
[72] TAKANO, RYO, JP  
[72] HARA, SABURO, JP  
[72] HORI, YUSUKE, JP  
[72] KARIYA, YUTAKA, JP  
[72] ONAYA, JUNICHI, JP  
[71] SEIKAGAKU CORPORATION, JP  
[85] 2000-03-30  
[86] 1999-08-02 (PCT/JP99/04155)  
[87] 2000-02-10 (WO00/06608)  
[30] JP (10-217051) 1998-07-31  
[30] JP (10-246387) 1998-08-31

[21] **2,305,620**  
[13] A1

[51] **Int.Cl. 6C07K 14/00 6C07K 16/00 6C07K 17/00 6A61K 39/385 6A61K 39/395**  
[25] EN  
[54] **METHOD FOR THE COVALENT ATTACHMENT OF POLYSACCHARIDES TO PROTEIN MOLECULES**  
[54] **PROCEDE DE LIAISON PAR COVALENCE DE POLYSACCHARIDES A DES MOLECULES PROTEINIQUES**  
[72] RYALL, ROBERT P., US  
[71] CONNAUGHT LABORATORIES, INC., US  
[85] 2000-03-30  
[86] 1998-09-29 (PCT/US98/20625)  
[87] 1999-04-15 (WO99/18121)  
[30] US (08/942,852) 1997-10-02

[21] **2,305,621**  
[13] A1

[51] **Int.Cl. 6C08G 65/32 6A61K 47/30 6A61K 47/32 6A61K 47/34 6C08G 63/91**  
[25] EN  
[54] **BIODEGRADABLE LOW MOLECULAR WEIGHT TRIBLOCK POLY(LACTIDE-CO-GLYCOLIDE) POLYETHYLENE GLYCOL COPOLYMERS HAVING REVERSE THERMAL GELATION PROPERTIES**  
[54] **COPOLYMERES TRISEQUENCES DE POLY(LACTIDE-CO-GLYCOLIDE) POLYETHYLENE-GLYCOL, DE FAIBLE POIDS MOLECULAIRE, BIODEGRADABLES DOTES DE CARACTERISTIQUES DE GELIFICATION THERMIQUE INVERSES**  
[72] RATHI, RAMESH, US  
[72] ZENTNER, GAYLEN M., US  
[72] JEONG, BYEONGMOON, US  
[71] MACROMED, INC., US  
[85] 2000-03-30  
[86] 1998-10-02 (PCT/US98/20649)  
[87] 1999-04-15 (WO99/18142)  
[30] US (08/943,167) 1997-10-03  
[30] US (09/164,865) 1998-10-01

[21] **2,305,622**  
[13] A1

[51] **Int.Cl. 6C12N 15/85**  
[25] EN  
[54] **METHODS OF REPLICATING VIRUS IN MONOCYTE-DERIVED MACROPHAGE CULTURES**  
[54] **PROCEDES DE REPLICATION DE VIRUS DANS DES CULTURES DE MACROPHAGES DERIVES DE MONOCYTES**  
[72] STREBLOW, DANIEL, US  
[72] FISH, KENNETH N., US  
[72] MOSES, ASHLEE, US  
[72] NELSON, JAY, US  
[72] SODERBERG-NAUCLER, CECILIA, SE  
[71] OREGON HEALTH SCIENCES UNIVERSITY, US  
[85] 2000-03-31  
[86] 1998-09-30 (PCT/US98/20749)  
[87] 1999-04-08 (WO99/16891)  
[30] US (60/060,583) 1997-10-01

[21] **2,305,623**  
[13] A1

[51] **Int.Cl. 6C12N 15/34 6A61K 48/00 6C07K 14/01 6C07K 16/08 6A61K 39/12 6G01N 33/53 6C12Q 1/68**  
[25] EN  
[54] **PORCINE CIRCOVIRUSES, VACCINES AND DIAGNOSTIC REAGENTS**  
[54] **CIRCOVIRUS PORCINS, VACCINS ET REACTIFS DE DIAGNOSTIC**  
[72] ALLAN, GORDON, GB  
[72] MCNEILLY, FRANCIS, GB  
[72] HAINES, DEBORAH, CA  
[72] CHAPPUIS, GILLES, FR  
[72] ELLIS, JOHN, CA  
[72] CHARREYRE, CATHERINE ELISABETH, FR  
[72] HASSARD, LORI, CA  
[72] CLARK, EDWARD, CA  
[72] HARDING, JOHN, CA  
[72] MEEHAN, BRIAN, GB  
[71] THE QUEEN'S UNIVERSITY OF BELFAST, GB  
[71] UNIVERSITY OF SASKATCHEWAN, CA  
[71] MERIAL, FR  
[85] 2000-03-31  
[86] 1998-10-01 (PCT/FR98/02107)  
[87] 1999-04-15 (WO99/18214)  
[30] FR (97/12382) 1997-10-03  
[30] FR (98/00873) 1998-01-22  
[30] FR (98/03707) 1998-03-20

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[21] **2,305,625**  
[13] A1

[51] **Int.Cl. 6A61K 39/395 6C07K 16/00 6G01N 33/574**  
[25] EN  
[54] **ALTERED DNA SYNTHESOME COMPONENTS AS BIOMARKERS FOR MALIGNANCY**  
[54] **COMPOSANTS MODIFIES DE SYNTHESOME D'ADN**  
[72] BECHTEL, PAMELA E., US  
[72] HICKEY, ROBERT J., US  
[72] MALKAS, LINDA H., US  
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US  
[85] 2000-03-27  
[86] 1998-09-29 (PCT/US98/20444)  
[87] 1999-04-08 (WO99/16469)  
[30] US (60/060,249) 1997-09-29  
[30] US (60/085,200) 1998-05-12

[21] **2,305,626**  
[13] A1

[51] **Int.Cl. 6C07F 15/06 6C08K 5/00 6C08L 21/00 6C07F 15/04 6C08J 5/10**  
[25] EN  
[54] **RUBBER ADHESION PROMOTERS**  
[54] **PROMOTEURS D'ADHESION A DU CAOUTCHOUC**  
[72] HAWKINS, IAN MICHAEL, GB  
[72] WILSON, JONATHAN COLIN, GB  
[72] HILTON, JOHN MICHAEL, GB  
[71] RHODIA LIMITED, GB  
[85] 2000-03-30  
[86] 1998-10-09 (PCT/GB98/03069)  
[87] 1999-04-22 (WO99/19336)  
[30] GB (9721583.4) 1997-10-10  
[30] GB (9722513.0) 1997-10-24

[21] **2,305,627**  
[13] A1

[51] **Int.Cl. 6A61K 51/00 6A61M 36/14**  
[25] EN  
[54] **ENHANCEMENT OF DELIVERY OF RADIOIMAGING AND RADIOPROTECTIVE AGENTS**  
[54] **ADMINISTRATION AMELIOREE D'AGENTS DE RADIOIMAGERIE ET DE RADIOPROTECTION**  
[72] PLATT, DAVID, US  
[71] PLATT, DAVID, US  
[85] 2000-03-30  
[86] 1998-10-08 (PCT/US98/21209)  
[87] 1999-04-15 (WO99/17811)  
[30] US (60/061,371) 1997-10-08  
[30] US (09/167,685) 1998-10-07

[21] **2,305,632**  
[13] A1

[51] **Int.Cl. 6G09F 7/18 6G09F 9/37**  
[25] EN  
[54] **METHOD FOR MOUNTING TILTING ELEMENT DISPLAYS BEHIND GLASS PANELS**  
[54] **PROCEDE DE MONTAGE D'ELEMENTS INDICATEURS A SEGMENTS BASCULANTS DERRIERE DES VITRES**  
[72] HUBER, ROBERT, DE  
[71] TRANSIT-MEDIA GMBH SYSTEMTECHNIK FUR FAHRGASTINFORMATION, DE  
[85] 2000-03-28  
[86] 1998-09-23 (PCT/DE98/02884)  
[87] 1999-04-08 (WO99/17267)  
[30] DE (197 43 130.5) 1997-09-30

[21] **2,305,634**  
[13] A1

[51] **Int.Cl. 6A61M 5/315 6A61M 5/24**  
[25] EN  
[54] **AN INJECTION SYRINGE**  
[54] **SERINGUE D'INJECTION**  
[72] HANSEN, STEFFEN, DK  
[72] STEENFELDT-JENSEN, SOREN, DK  
[71] NOVO NORDISK A/S, DK  
[85] 2000-03-28  
[86] 1999-01-28 (PCT/DK99/00042)  
[87] 1999-08-05 (WO99/38554)  
[30] DK (PA 1998 00130) 1998-01-30

[21] **2,305,635**  
[13] A1

[51] **Int.Cl. 6H01L 23/66 6H01L 23/498**  
[25] EN  
[54] **METHOD FOR COATING A SILICON CHIP AND ELECTRONIC CARD COMPRISING AT LEAST ONE CHIP COATED BY SUCH METHOD**  
[54] **PROCEDE D'ENROBAGE D'UNE PUCE ELECTRONIQUE ET CARTE ELECTRONIQUE COMPORTANT AU MOINS UN PUCE ENROBEE SELON CE PROCEDE**  
[72] CACHIER, GERARD, FR  
[72] GRANCHER, ALAIN, FR  
[72] DADEN, JEAN-YVES, FR  
[72] MICHEL, LUDOVIC, FR  
[71] THOMSON-CSF, FR  
[85] 2000-03-28  
[86] 1998-09-22 (PCT/FR98/02035)  
[87] 1999-04-08 (WO99/17367)  
[30] FR (97/12131) 1997-09-30

[21] **2,305,636**  
[13] A1

[51] **Int.Cl. 6A61B 17/00**  
[25] EN  
[54] **LYSIS METHOD AND APPARATUS**  
[54] **APPAREIL ET PROCEDE DE LYSE**  
[72] KERNER, EFIM, IL  
[72] ROSENSCHEIN, URI, IL  
[72] ESHEL, YORAM, IL  
[72] FURMAN, VLADIMIR, IL  
[71] ANGIOSONICS INC., US  
[85] 2000-03-28  
[86] 1998-09-29 (PCT/US98/20455)  
[87] 1999-04-08 (WO99/16360)  
[30] US (08/939,289) 1997-09-29

[21] **2,305,637**  
[13] A1

[51] **Int.Cl. 6C10M 141/12 6C10M 137/10 6C10M 159/22 6C10M 133/56**  
[25] EN  
[54] **POLYALKYLENE SUCCINIMIDE COMPOSITION USEFUL IN INTERNAL COMBUSTION ENGINES**  
[54] **COMPOSITION A BASE DE POLYALKYLENE SUCCINIMIDE DESTINEE AUX MOTEURS A COMBUSTION INTERNE**  
[72] NAKAZOTO, MORIKUNI, JP  
[72] HIRANDO, SATOSHI, JP  
[72] FREERKS, ROBERT L., US  
[72] WILLIS, WILLIAM W., JR., US  
[71] CHEVRON CHEMICAL COMPANY LLC, US  
[71] ORONITE JAPAN LIMITED, JP  
[85] 2000-03-28  
[86] 1998-09-30 (PCT/US98/20715)  
[87] 1999-04-08 (WO99/16852)  
[30] JP (9/284666) 1997-10-01  
[30] US (09/015801) 1998-01-29

[21] **2,305,638**  
[13] A1

[51] **Int.Cl. 6A61F 9/00**  
[25] EN  
[54] **DEVICE FOR PACKAGING AND DOSING A LIQUID FOR OPHTHALMIC TREATMENT**  
[54] **DISPOSITIF POUR LE CONDITIONNEMENT ET LE DOSAGE D'UN LIQUIDE DE TRAITEMENT OPHTALMIQUE**  
[72] LEULIET, DAVID, FR  
[72] HENNEMANN, PASCAL, FR  
[71] REXAM SOFAB, FR  
[85] 2000-03-28  
[86] 1998-09-23 (PCT/FR98/02040)  
[87] 1999-04-08 (WO99/16394)  
[30] FR (97/12086) 1997-09-29



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[21] **2,305,639**  
[13] A1  
[51] **Int.Cl. 6C08G 18/62 6C09D 175/04 6C09D 133/16**  
[25] EN  
[54] **COATING COMPOSITIONS CONTAINING A HIGHLY FLUORINATED HYDROXYL CONTAINING ADDITIVE**  
[54] **COMPOSITIONS DE REVETEMENT POSSEDANT UN ADDITIF D'HYDROXYLE HAUTEMENT FLUORE**  
[72] DARMON, MICHAEL J., US  
[72] ANTON, DOUGLAS ROBERT, US  
[72] THOMAS, RICHARD RONALD, US  
[72] GRAHAM, WILLIAM FRANK, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-03-27  
[86] 1998-11-12 (PCT/US98/24177)  
[87] 1999-06-03 (WO99/26994)  
[30] US (08/975,779) 1997-11-21

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[13] A1  
[51] **Int.Cl. 6A61K 51/12**  
[25] EN  
[54] **INTRA-CORONARY RADIATION DEVICES CONTAINING CE-144 OR RU-106**  
[54] **DISPOSITIFS INTRA-CORONARIENS A RADIATIONS CONTENANT DU CE-144 OU DU RU-106**  
[72] SINGH, PRAHLAD R., US  
[72] LEWIS, ROBERT E., US  
[72] TERCHO, GERALD P., US  
[72] WALSH, PAUL R., US  
[71] DUPONT PHARMACEUTICALS COMPANY, US  
[85] 2000-03-27  
[86] 1998-10-02 (PCT/US98/20769)  
[87] 1999-04-15 (WO99/17812)  
[30] US (60/060,805) 1997-10-03

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[21] **2,305,641**  
[13] A1  
[51] **Int.Cl. 6H04N 7/16 6G06K 19/07**  
[25] EN  
[54] **DOWNLOADING OF APPLICATIONS IN A DIGITAL DECODER**  
[54] **TELECHARGEMENT D'APPLICATIONS DANS UN DECODEUR NUMERIQUE**  
[72] SARFATI, JEAN-CLAUDE, FR  
[71] CANAL + SOCIETE ANONYME, FR  
[85] 2000-03-27  
[86] 1998-10-27 (PCT/IB98/01766)  
[87] 1999-05-06 (WO99/22516)  
[30] EP (97402561.1) 1997-10-28

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[21] **2,305,642**  
[13] A1  
[51] **Int.Cl. 6A44B 19/16**  
[25] EN  
[54] **HIGH-STRENGTH SLIDER FOR A RECLOSABLE BAG**  
[54] **CURSEUR HAUTE PUISSANCE POUR SAC POUVANT ETRE REFERME**  
[72] THOMAS, TOBY R., US  
[72] CAPPEL, CRAIG E., US  
[71] PACTIV CORPORATION, US  
[85] 2000-03-27  
[86] 1998-09-23 (PCT/US98/19909)  
[87] 1999-04-08 (WO99/16326)  
[30] US (08/938,047) 1997-09-26

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[21] **2,305,643**  
[13] A1  
[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6A01K 67/027 6C12N 5/08 6C07K 16/30 6A61K 39/395**  
[25] EN  
[54] **MURINE MODEL FOR HUMAN CARCINOMA**  
[54] **MODELE MURIN ASSOCIE A UN CARCINOME HUMAIN**  
[72] BUMPERS, HARVEY, US  
[72] SUBJECT, ELIZABETH REPASKY, US  
[72] SECRIST, HEATHER, US  
[71] CORIXA CORPORATION, US  
[85] 2000-03-27  
[86] 1998-09-25 (PCT/US98/20119)  
[87] 1999-04-22 (WO99/19479)  
[30] US (08/939,026) 1997-09-26  
[30] US (09/078,207) 1998-05-13

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[21] **2,305,644**  
[13] A1  
[51] **Int.Cl. 6H04N 7/16 6H04N 7/167**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ENCRYPTED DATA STREAM TRANSMISSION**  
[54] **PROCEDE ET APPAREIL DE TRANSMISSION D'UN FLUX DE DONNEES CRYPTÉES**  
[72] MAILLARD, MICHEL, FR  
[72] DAUVOIS, JEAN-LUC, FR  
[72] BENARDEAU, CHRISTIAN, FR  
[71] CANAL + SOCIETE ANONYME, FR  
[85] 2000-03-27  
[86] 1998-10-02 (PCT/IB98/01610)  
[87] 1999-04-15 (WO99/18729)  
[30] EP (97402322.8) 1997-10-02  
[30] EP (98401388.8) 1998-06-09  
[30] EP (98401389.6) 1998-06-09

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[13] A1  
[51] **Int.Cl. 6B65H 29/32**  
[25] EN  
[54] **A NON-CONTACT SHEET HANDLING SYSTEM AND A METHOD OF USING SAME**  
[54] **SYSTEME DE TRAITEMENT DE FEUILLES SANS CONTACT ET PROCEDE D'UTILISATION CORRESPONDANT**  
[72] GASPARRINI, C. ROBERT, US  
[72] GARLIN, TOMAS P., SE  
[72] CROSBY, JOHN D., US  
[71] BALDWIN GRAPHIC SYSTEMS, INC., US  
[85] 2000-03-27  
[86] 1999-08-05 (PCT/US99/17215)  
[87] 2000-02-17 (WO00/07918)  
[30] US (09/129,557) 1998-08-05

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[21] **2,305,646**  
[13] A1

[51] **Int.Cl. 6H01B 12/02 6B32B 18/00 6C22C 9/00 6B22F 1/00 6B22F 7/02 6C22C 19/03 6B32B 15/04 6C22C 9/06 6B22F 3/18 6C04B 35/622**

[25] EN  
[54] **SUBSTRATES WITH IMPROVED OXIDATION RESISTANCE**  
[54] **SUBSTRATS POSSEDANT UNE RESISTANCE ACCRUE A L'OXYDATION**

[72] THIEME, CORNELIS LEO HANS, US  
[72] THOMPSON, ELLIOTT D., US  
[72] FRITZEMEIER, LESLIE G., US  
[72] CAMERON, ROBERT D., US  
[72] SIEGAL, EDWARD J., US  
[71] AMERICAN SUPERCONDUCTOR CORPORATION, US  
[85] 2000-03-27  
[86] 1998-09-30 (PCT/US98/20404)  
[87] 1999-04-08 (WO99/17307)  
[30] US (08/943,047) 1997-10-01

[21] **2,305,648**  
[13] A1

[51] **Int.Cl. 6C21B 7/04 6F27D 1/16**

[25] EN  
[54] **METHOD AND APPARATUS FOR INSTALLATION OF REFRACTORY MATERIAL INTO A METALLURGICAL VESSEL**  
[54] **PROCEDE ET APPAREIL D'INSTALLATION DE MATERIAU REFRACTAIRE DANS UNE CUVE DE METALLURGIE**

[72] KOTYUK, MARK DAVID, US  
[71] MARTIN MARIETTA MATERIALS, INC., US  
[85] 2000-03-27  
[86] 1998-09-18 (PCT/US98/18502)  
[87] 1999-04-15 (WO99/18244)  
[30] US (60/060,659) 1997-10-02  
[30] US (60/072,255) 1998-01-23

[21] **2,305,649**  
[13] A1

[51] **Int.Cl. 6C21D 6/00 6C23F 17/00 6H01M 8/02**

[25] EN  
[54] **METHOD FOR REDUCING THE RESISTIVITY OF THE CORROSION-INDUCED OXIDE LAYER, AND APPLICATIONS**  
[54] **PROCEDE DE REDUCTION DE LA RESISTIVITE INHERENTE A LA COUCHE D'OXYDE DUE A LA CORROSION, ET APPLICATIONS**

[72] WIND, JORG, DE  
[72] NITSCHKE, FELIX, DE  
[71] MTU MOTOREN- UND TURBINEN-UNION FRIEDRICHSHAFEN GMBH, DE  
[85] 2000-03-03  
[86] 1998-08-28 (PCT/DE98/02538)  
[87] 1999-03-11 (WO99/11828)  
[30] DE (197 38 405.6) 1997-09-03

[21] **2,305,650**  
[13] A1

[51] **Int.Cl. 6H04Q 11/04 6H04L 12/56 6H04L 12/64**

[25] EN  
[54] **AN APPARATUS AND METHOD FOR REDUCING DELAY FOR VOICE OVER ATM USING CO-LOCATED SWITCHES**  
[54] **APPAREIL ET PROCEDE REDUISANT LES RETARDS DES TRANSMISSIONS VOCALES SUR MTA UTILISANT DES COMMUTATEURS CO-SITUES**

[72] AKHTAR, SHAHID, US  
[72] AKHTAR, HASEEB, US  
[71] NORTEL NETWORKS CORPORATION, CA  
[85] 2000-05-05  
[86] 1998-07-10 (PCT/US98/14498)  
[87] 1999-03-25 (WO99/14978)  
[30] US (08/932,094) 1997-09-17

[21] **2,305,651**  
[13] A1

[51] **Int.Cl. 6D21F 5/18 6D21F 11/14**

[25] EN  
[54] **PROCESS OF REDUCING WET PRESSURE DROP IN A LIMITING ORIFICE DRYING MEDIUM AND A LIMITING ORIFICE DRYING MEDIUM MADE THEREBY**  
[54] **PROCEDE DE REDUCTION DE LA CHUTE DE PRESSION A L'ETAT HUMIDE DANS UN MILIEU DE SECHAGE A ORIFICES LIMITANTS ET MILIEU DE SECHAGE A ORIFICES LIMITANTS FABRIQUE PAR LEDIT PROCEDE**

[72] TROKHAN, PAUL DENNIS, US  
[72] ENSIGN, DONALD EUGENE, US  
[72] STELLJES, MICHAEL GOMER JR., US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2000-03-16  
[86] 1998-09-17 (PCT/IB98/01437)  
[87] 1999-03-25 (WO99/14428)  
[30] US (08/932847) 1997-09-18

[21] **2,305,654**  
[13] A1

[51] **Int.Cl. 6D21G 9/00 6B03C 3/017 6B05D 1/04 6D21H 23/78**

[25] EN  
[54] **METHOD AND ASSEMBLY FOR CONTROLLING MIST AND DUST IN THE MANUFACTURE AND FINISHING OF PAPER AND BOARD**  
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE CONTROLER LES BROUILLARDS OU POUSSIERES LIES A LA FABRICATION ET A LA FINITION DU PAPIER ET DU CARTON**

[72] NISSINEN, VILHO, FI  
[71] VALMET CORPORATION, FI  
[85] 2000-03-22  
[86] 1998-09-23 (PCT/FI98/00748)  
[87] 1999-04-01 (WO99/15731)  
[30] FI (973776) 1997-09-24

## PCT Applications Entering the National Phase

<p style="text-align: center;">[21] <b>2,305,655</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/85 7A61K 48/00</b> [25] EN [54] <b>SELF-DELETING VECTORS FOR CANCER THERAPY</b> [54] <b>VECTEURS D'AUTODETECTION UTILISES DANS LE TRAITEMENT DE CANCERS</b> [72] ANDREU, THOMAS, DE [72] VON MELCHNER, HARALD, DE [72] EBENSPERGER, CHRISTOPH, DE [71] HOELZER, DIETER, DE [71] VON MELCHNER, HARALD, DE [85] 2000-03-27 [86] 1999-05-25 (PCT/EP99/03607) [87] 2000-02-10 (WO00/06758) [30] DE (198 34 430.9) 1998-07-30</p>	<p style="text-align: center;">[21] <b>2,305,658</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47B 46/00 6A47F 1/00 6A47B 96/02</b> [25] EN [54] <b>CONTROLLED MOVEMENT RACKING SYSTEM</b> [54] <b>SYSTEME DE RAYONNAGE A MOUVEMENT CONTROLE</b> [72] BABBONI, CHARLES JOSEPH, US [72] RUSHING, TATSUO, US [72] DALTON, DAVID ANDREW, US [72] HENRY, ERIC FRANCIS, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-03-27 [86] 1998-09-21 (PCT/IB98/01446) [87] 1999-04-08 (WO99/16334) [30] US (08/939,638) 1997-09-29</p>	<p style="text-align: center;">[21] <b>2,305,662</b> [13] A1</p> <p>[51] <b>Int.Cl. 7B05C 5/02 7B05C 5/04</b> [25] EN [54] <b>ADHESIVE APPLICATOR DEVICE</b> [54] <b>APPLICATEUR D'ADHESIF THERMOFUSIBLE</b> [72] HAUBROK, GERHARD, DE [72] WAGNER, UWE, DE [71] REINHARD DUSPOHL MASCHINENBAU GMBH, DE [85] 2000-03-28 [86] 1999-06-24 (PCT/EP99/04395) [87] 2000-01-20 (WO00/02667) [30] DE (198 30 728.4) 1998-07-09</p>
<p style="text-align: center;">[21] <b>2,305,656</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/403 6H04L 12/423</b> [25] EN [54] <b>AN IDENTIFICATION METHOD, A TERMINAL REALIZING SUCH A METHOD AND AN ACCESS COMMUNICATION NETWORK INCLUDING SUCH A TERMINAL</b> [54] <b>PROCEDE D'IDENTIFICATION, TERMINAL METTANT EN OEUVRE UN TEL PROCEDE ET RESEAU DE TELECOMMUNICATION D'ACCES COMPRENANT LEDIT TERMINAL</b> [72] WOLTERS, ROBERT PETER CHRISTINA, NL [72] VAN HOOFF, HARRY FRANCISCUS LUDOVICA, BE [71] ALCATEL, FR [85] 2000-03-28 [86] 1997-09-30 (PCT/EP97/05670) [87] 1999-04-08 (WO99/17502)</p>	<p style="text-align: center;">[21] <b>2,305,659</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F17C 7/02 6F17C 13/08 6F25D 3/12</b> [25] EN [54] <b>METHOD AND APPARATUS FOR SHIPPING SUPER FROZEN MATERIALS</b> [54] <b>PROCEDE ET APPAREIL D'EXPEDITION DE MATIERES CONGELEES A TRES BASSE TEMPERATURE</b> [72] GRAHAM, ERIC B., US [71] COLDWAVE SYSTEMS, L.L.C., US [85] 2000-04-26 [86] 1998-10-16 (PCT/US98/22036) [87] 1999-04-29 (WO99/20124) [30] US (08/954,644) 1997-10-20</p>	<p style="text-align: center;">[21] <b>2,305,663</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65B 5/06 6B65B 43/26 6B65B 35/50</b> [25] EN [54] <b>BAGGER METHOD AND APPARATUS</b> [54] <b>PROCEDE ET APPAREIL DE MISE EN SACS</b> [72] MOORE, DENNIS F., JR., US [72] SCHNEBERGER, WILLIAM E., US [72] WHITEHEAD, TIMOTHY A., US [72] CLARK, BRIAN W., US [72] COOK, STEVEN T., US [72] KRACUS, STEFFEN W., US [71] DAYTON SYSTEMS GROUP, INC., US [85] 2000-03-28 [86] 1998-09-30 (PCT/US98/20395) [87] 1999-04-08 (WO99/16670) [30] US (60/060,518) 1997-09-30</p>
<p style="text-align: center;">[21] <b>2,305,657</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16K 1/36 6F16K 1/08</b> [25] EN [54] <b>VALVE</b> [54] <b>SOUPAPE</b> [72] KESSELHUT, RAINER, DE [72] KRAMIG, HEINRICH, DE [72] UNRUH, ROLAND, DE [71] ARI ARMATUREN ALBERT RICHTER GMBH &amp; CO. KG., DE [85] 2000-03-27 [86] 1998-09-16 (PCT/EP98/05910) [87] 2000-03-23 (WO00/15984)</p>	<p style="text-align: center;">[21] <b>2,305,660</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16L 11/22 6B67D 5/01 6F16L 11/12</b> [25] EN [54] <b>IMPROVED PIPE FOR CONVEYING FLUIDS SUCH AS PETROLEUM PRODUCTS</b> [54] <b>CONDUITE AMELIOREE POUR L'ACHEMINEMENT DE FLUIDES TELS QUE DES PRODUITS PETROLIERS</b> [72] WRIGHT, WAYNE CLIFTON AUGUSTUS SHEKINAH, GB [72] BOUDRY, JOHN ALEXANDRE, GB [71] PETROTECHNIK LIMITED, GB [85] 2000-03-28 [86] 1998-11-13 (PCT/GB98/03422) [87] 1999-05-27 (WO99/26007) [30] GB (9723833.1) 1997-11-13 [30] GB (9723830.7) 1997-11-13</p>	<p style="text-align: center;">[21] <b>2,305,664</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65B 13/04 6B65B 27/10</b> [25] EN [54] <b>METHOD AND APPARATUS FOR PALLETIZING ELONGATED BAGS OF CONTAINER ENDS</b> [54] <b>PROCEDE ET APPAREIL SERVANT A PALETTISER DES SACS ALLONGES D'EXTREMITES DE CONTENEURS</b> [72] KRACUS, STEFFEN W., US [72] CLARK, BRIAN W., US [72] COOK, STEVEN T., US [72] MOORE, DENNIS F., JR., US [72] SCHNEBERGER, WILLIAM E., US [71] DAYTON SYSTEMS GROUP, INC., US [85] 2000-03-28 [86] 1998-09-30 (PCT/US98/20409) [87] 1999-04-08 (WO99/16672) [30] US (60/060,518) 1997-09-30</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,305,665</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 35/78</b> [25] EN [54] <b>A METHOD FOR TREATING DIABETES, HYPERGLYCEMIA AND HYPOGLYCEMIA</b> [54] <b>METHODE DE TRAITEMENT DU DIABETE, DE L'HYPERGLYCEMIE ET DE L'HYPOGLYCEMIE</b> [72] CHERUKURI, REDDY SASTRY V., US [72] MCPEAK, PATRICIA, US [72] CHERUVANKY, RUKMINI, US [71] THE RICEX COMPANY, INC., US [85] 2000-03-28 [86] 1998-08-28 (PCT/US98/17953) [87] 1999-03-04 (WO99/10002) [30] US (60/057,409) 1997-08-29</p>	<p style="text-align: right;">[21] <b>2,305,703</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 229/12 6C07F 5/02 6A61K 33/22</b> [25] EN [54] <b>COMPOSITIONS AND METHODS FOR INHIBITING ARGINASE ACTIVITY</b> [54] <b>COMPOSITIONS ET PROCEDES POUR INHIBER L'ACTIVITE DE L'ARGINASE</b> [72] BAGGIO, RICKY, US [72] CHRISTIANSON, DAVID W., US [72] ELBAUM, DANIEL, US [71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US [85] 2000-04-07 [86] 1998-10-09 (PCT/US98/21430) [87] 1999-04-22 (WO99/19295) [30] US (60/061,607) 1997-10-10</p>	<p style="text-align: right;">[21] <b>2,305,718</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04B 1/707 6H04B 7/216</b> [25] EN [54] <b>MULTI-LAYERED PN CODE SPREADING IN A MULTI-USER COMMUNICATIONS SYSTEM</b> [54] <b>ETALEMENT DU CODE DE PSEUDO-BRUIT MULTICOUCHE DANS UN SYSTEME DE TELECOMMUNICATIONS MULTI-UTILISATEUR</b> [72] HARMS, BRIAN, US [72] BUTLER, BRIAN, US [72] SKINNER, GORDON (DECEASED), ZZ [71] QUALCOMM INCORPORATED, US [85] 2000-04-06 [86] 1998-10-09 (PCT/US98/21466) [87] 1999-04-22 (WO99/19992) [30] US (60/061,698) 1997-10-10</p>
<p style="text-align: right;">[21] <b>2,305,666</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08L 33/08 6C08K 3/00 6C08J 5/04</b> [25] EN [54] <b>RESIN COMPOSITION OF IMPROVED ELONGATION</b> [54] <b>COMPOSITION DE RESINE A ELONGATION AMELIOREE</b> [72] LANDABURU, YASMINA, US [72] REESE, J. DALE, US [72] GERACE, MICHAEL J., US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2000-03-28 [86] 1998-10-30 (PCT/US98/23115) [87] 1999-05-14 (WO99/23159) [30] US (60/064,023) 1997-11-03 [30] US (09/179,024) 1998-10-26</p>	<p style="text-align: right;">[21] <b>2,305,717</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C01B 6/24 6C01B 3/00</b> [25] EN [54] <b>METHOD OF FABRICATION OF COMPLEX ALKALI METAL HYDRIDES</b> [54] <b>PROCEDE DE FABRICATION D'HYDRURES COMPLEXES DE METAUX ALCALINS</b> [72] ZALUSKI, LESZEK, CA [72] ZALUSKA, ALICJA, CA [72] STRÿM-OLSEN, JOHN OLAF, CA [71] MCGILL UNIVERSITY, CA [85] 2000-04-06 [86] 1998-09-30 (PCT/CA98/00927) [87] 1999-04-22 (WO99/19250) [30] CA (2,218,271) 1997-10-10</p>	<p style="text-align: right;">[21] <b>2,305,719</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D06N 7/00 6B01D 39/08 6D21F 7/08 6B01D 39/16</b> [25] EN [54] <b>IMPROVED INDUSTRIAL FABRICS</b> [54] <b>TISSUS INDUSTRIELS AMELIORES</b> [72] ALLUM, ANDREW, GB [71] SCAPA GROUP PLC, GB [85] 2000-04-06 [86] 1998-09-17 (PCT/GB98/02832) [87] 1999-04-15 (WO99/18282) [30] GB (9721207.0) 1997-10-08 [30] GB (9805009.9) 1998-03-09</p>
<p style="text-align: right;">[21] <b>2,305,701</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 29/08 6H04N 7/173</b> [25] EN [54] <b>AUTOMATIC LINKING TO PROGRAM-SPECIFIC COMPUTER CHAT ROOMS</b> [54] <b>ETABLISSEMENT AUTOMATIQUE DE LIAISON AVEC UNE MESSAGERIE DE DIALOGUE CONSACREE A UNE EMISSION</b> [72] SCHINDLER, JEFFREY, US [71] GATEWAY 2000, INC., US [85] 2000-04-07 [86] 1998-10-07 (PCT/US98/21147) [87] 1999-04-22 (WO99/20026) [30] US (08/947,613) 1997-10-09</p>	<p style="text-align: right;">[21] <b>2,305,720</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 23/01 6E21B 43/10</b> [25] EN [54] <b>METHOD AND APPARATUS FOR HANGING TUBULARS IN WELLS</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT D'INSTALLER DU MATERIEL TUBULAIRE DANS DES PUIITS</b> [72] WOODS, ROSS S., US [72] BAILEY, GARY L., US [72] HUDSON, LEO D., US [72] WARREN, SHERMAN R., US [71] FORMLOCK, INC., US [85] 2000-04-06 [86] 1998-10-07 (PCT/US98/21118) [87] 1999-04-15 (WO99/18328) [30] US (09/947,069) 1997-10-08</p>	

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,305,721</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 17/36 6A61N 5/06</b> [25] EN [54] <b>PHOTOTHERAPY METHODS AND SYSTEMS</b> [54] <b>PROCEDES ET SYSTEMES DE PHOTOTHERAPIE</b> [72] DWYER, PETER J., US [72] ANDERSON, RICHARD ROX, US [71] THE GENERAL HOSPITAL CORPORATION, US [85] 2000-04-06 [86] 1998-10-08 (PCT/US98/21355) [87] 1999-04-15 (WO99/17668) [30] US (60/061,487) 1997-10-08</p>	<p style="text-align: right;">[21] <b>2,305,724</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B23P 9/00 6B23P 19/04 6B23Q 17/20</b> [25] EN [54] <b>METHOD AND APPARATUS FOR ASSEMBLING EXHAUST COMPONENTS</b> [54] <b>PROCEDE ET APPAREIL POUR LE MONTAGE DE COMPOSANTS D'UN SYSTEME D'ECHAPPEMENT</b> [72] WADSWORTH, MICK, GB [72] WILLIAMS, RONALD S., US [71] ARVIN INDUSTRIES, INC., US [85] 2000-04-06 [86] 1998-10-07 (PCT/US98/21082) [87] 1999-04-15 (WO99/17905) [30] US (60/061,291) 1997-10-07 [30] US (60/061,294) 1997-10-07 [30] US (60/074,858) 1998-02-17 [30] US (60/074,856) 1998-02-17</p>	<p style="text-align: right;">[21] <b>2,305,726</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/715</b> [25] EN [54] <b>TREATING OCCLUSIVE PERIPHERAL VASCULAR DISEASE AND CORONARY DISEASE WITH COMBINATIONS OF HEPARIN AND AN ADENOSIDE A2 AGONIST, OR WITH ADENOSINE</b> [54] <b>TRAITEMENT DE LA VASCULOPATHIE PERIPHERIQUE OBLITERANTE ET DE LA CORONARITE AU MOYEN DE COMBINAISONS D'HEPARINE ET D'UN AGONISTE A2 ADENOSINE, OU AU MOYEN D'ADENOSINE</b> [72] BOTVINICK, ELIAS, US [72] BARRON, HAL V., US [71] REGENTS OF THE UNIVERSITY OF CALIFORNIA CORPORATION, US [85] 2000-04-06 [86] 1998-10-07 (PCT/US98/21153) [87] 1999-04-15 (WO99/17784) [30] US (08/946,196) 1997-10-07 [30] US (09/167,816) 1998-10-07</p>
<p style="text-align: right;">[21] <b>2,305,722</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B61F 3/00</b> [25] EN [54] <b>RAILWAY TRUCK LEVELING VALVE ARRANGEMENT FOR CLOSER OVERALL HEIGHT CONTROL</b> [54] <b>AGENCEMENT DE SOUPEPE DE REGLAGE DE LA HAUTEUR POUR VEHICULE SUR RAIL, PERMETTANT DE REGLER PLUS PRECISEMENT LA HAUTEUR DUDIT VEHICULE</b> [72] POLLEY, RICHARD B., US [71] BUCKEYE STEEL COMPANY, US [85] 2000-04-06 [86] 1998-10-06 (PCT/US98/20989) [87] 1999-04-15 (WO99/17975) [30] US (08/946,276) 1997-10-07</p>	<p style="text-align: right;">[21] <b>2,305,725</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F15D 1/02</b> [25] EN [54] <b>EXHAUST PROCESSOR END CAP</b> [54] <b>COIFFE D'EXTREMITE POUR PROCESSEUR D'ECHAPPEMENT</b> [72] WADSWORTH, MICK, US [72] WILLIAMS, RONALD S., US [71] ARVIN INDUSTRIES, INC., US [85] 2000-04-06 [86] 1998-10-07 (PCT/US98/21083) [87] 1999-04-15 (WO99/18358) [30] US (60/061,291) 1997-10-07 [30] US (60/061,294) 1997-10-07 [30] US (60/074,858) 1998-02-17 [30] US (60/074,856) 1998-02-17</p>	<p style="text-align: right;">[21] <b>2,305,727</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 3/14 6H01L 27/148</b> [25] EN [54] <b>QUANTUM EFFICIENCY IMPROVEMENTS IN ACTIVE PIXEL SENSORS</b> [54] <b>AMELIORATIONS DU RENDEMENT QUANTIQUE DANS DES DETECTEURS DE PIXELS ACTIFS</b> [72] FOSSUM, ERIC, US [71] PHOTOBIT, INC., US [85] 2000-04-06 [86] 1998-10-05 (PCT/US98/20884) [87] 1999-04-15 (WO99/18717) [30] US (08/944,794) 1997-10-06</p>
<p style="text-align: right;">[21] <b>2,305,723</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 3/22 6C11D 17/04 6A47L 13/17 6C11D 3/30 6C11D 3/37</b> [25] EN [54] <b>DETERGENT COMPOSITION FOR HARD SURFACES COMPRISING HYDROPHILIC SHEAR-THINNING POLYMER AT VERY LOW LEVEL</b> [54] <b>COMPOSITION DETERGENTE POUR SURFACES DURES A TRES FAIBLE CONTENU DE POLYMERE CISAILLANT-DILUANT</b> [72] POLICICCHIO, NICOLA JOHN, US [72] SHERRY, ALAN EDWARD, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-04-06 [86] 1998-10-01 (PCT/US98/20513) [87] 1999-04-15 (WO99/18182) [30] US (60/061,296) 1997-10-07 [30] US (60/086,447) 1998-05-22</p>	<p style="text-align: right;">[21] <b>2,305,728</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H03K 19/00</b> [25] EN [54] <b>PROGRAMMABLE GATE ARRAY</b> [54] <b>CIRCUIT PREDIFFUSE PROGRAMMABLE</b> [72] PARKER, DAVID, US [72] SOBELMAN, GERALD EDWARD, US [71] THESEUS LOGIC, INC., US [85] 2000-04-06 [86] 1998-10-07 (PCT/US98/21158) [87] 1999-04-15 (WO99/18667) [30] US (08/947,165) 1997-10-08</p>	

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[21] **2,305,729**  
[13] A1

[51] **Int.Cl. 6A01N 37/44**  
[25] EN  
[54] **ANTI-MICROBIAL COMPOUND**  
[54] **COMPOSE ANTI-MICROBIEN**  
[72] BREWER, MARK, GB  
[72] WOOLLEY, STEVE, GB  
[72] PATEL, RAJESKUMAR  
NATWARLAL, GB  
[71] THE ASSOCIATED OCTEL  
COMPANY LIMITED, GB  
[85] 2000-04-06  
[86] 1998-10-08 (PCT/GB98/03025)  
[87] 1999-04-22 (WO99/18791)  
[30] GB (9721394.6) 1997-10-09

[21] **2,305,730**  
[13] A1

[51] **Int.Cl. 6A61F 2/24**  
[25] EN  
[54] **ALTERING HEART VALVE  
LEAFLET ATTACHMENT GEOMETRY  
TO INFLUENCE THE LOCATION AND  
MAGNITUDE OF MAXIMUM LOADED  
STRESS ON THE LEAFLET**  
[54] **MODIFICATION DE LA  
GEOMETRIE D'ATTACHE DES  
VALVES D'UNE VALVULE  
CARDIAQUE DE SORTE QUE  
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APPLIQUEE SUR LES VALVES SOIENT  
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[72] MOE, RIYAD E., US  
[71] SULZER CARBOMEDICS INC., US  
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[30] US (09/103482) 1998-06-24

[21] **2,305,731**  
[13] A1

[51] **Int.Cl. 6B60R 21/13 6A61G 5/10**  
[25] EN  
[54] **CUSHION SYSTEM FOR MOBILE  
SUBJECT**  
[54] **COUSSIN DEPLOYABLE POUR  
SUJET MOBILE**  
[72] AMBROGI, ROBERT R., US  
[72] KAMEN, DEAN L., US  
[72] LANGENFELD, CHRISTOPHER C.,  
US  
[72] SMITH, STANLEY B., III, US  
[72] EPSTEIN, ADAM, US  
[71] DEKA PRODUCTS LIMITED  
PARTNERSHIP, US  
[85] 2000-04-06  
[86] 1998-11-02 (PCT/US98/23506)  
[87] 1999-05-14 (WO99/22966)  
[30] US (60/064,175) 1997-11-04

[21] **2,305,732**  
[13] A1

[51] **Int.Cl. 6G01N 33/00**  
[25] EN  
[54] **METHODS FOR SCREENING  
DRUGS TO PREDICT TARDIVE  
DYSKINESIA**  
[54] **TECHNIQUES DE CRIBLAGE DE  
MEDICAMENTS PERMETTANT DE  
PREDIRE LA DYSKINESIE TARDIVE**  
[72] HUANG, XUDONG, US  
[72] TSAI, GUOCHUAN, US  
[72] BUSH, ASHLEY I., US  
[71] THE GENERAL HOSPITAL  
CORPORATION, US  
[85] 2000-04-06  
[86] 1998-10-06 (PCT/US98/20994)  
[87] 1999-04-15 (WO99/18432)  
[30] US (60/060,962) 1997-10-06

[21] **2,305,733**  
[13] A1

[51] **Int.Cl. 6A01N 65/00**  
[25] EN  
[54] **A PESTICIDAL COMPOSITION**  
[54] **COMPOSITION PESTICIDE**  
[72] RYAN, ROBERT EUGENE, GB  
[72] MORRIS, SANDRA, GB  
[71] BARRIER BIOTECH LIMITED, GB  
[85] 2000-04-06  
[86] 1998-10-09 (PCT/GB98/03039)  
[87] 1999-04-22 (WO99/18802)  
[30] GB (9721466.2) 1997-10-09

[21] **2,305,734**  
[13] A1

[51] **Int.Cl. 6C07C 217/90 6A61K 31/135**  
[25] EN  
[54] **2-PHENOXYANILINE  
DERIVATIVES**  
[54] **DERIVES DE LA 2-  
PHENOXYANILINE**  
[72] TOMISAWA, KAZUYUKI, JP  
[72] OTA, TOMOMI, JP  
[72] AIBE, IZUMI, JP  
[72] NAKANISHI, MISA, JP  
[72] TAGUCHI, MINORU, JP  
[71] TAISHO PHARMACEUTICAL CO.,  
LTD., JP  
[85] 2000-04-06  
[86] 1998-10-20 (PCT/JP98/04729)  
[87] 1999-04-29 (WO99/20598)  
[30] JP (09-286623) 1997-10-20

[21] **2,305,735**  
[13] A1

[51] **Int.Cl. 6G06T 7/40**  
[25] EN  
[54] **IMPROVED IMAGE CONVERSION  
AND ENCODING TECHNIQUES  
AND ENCODING TECHNIQUES**  
[54] **CONVERSION D'IMAGES  
AMELIOREE ET TECHNIQUES DE  
CODAGE**  
[72] HARMAN, PHILIP VICTOR, AU  
[71] DYNAMIC DIGITAL DEPTH  
RESEARCH PTY. LTD., AU  
[85] 2000-04-06  
[86] 1998-12-03 (PCT/AU98/01005)  
[87] 1999-06-17 (WO99/30280)  
[30] AU (PP 0778) 1997-12-05  
[30] AU (PP 2865) 1998-04-08

[21] **2,305,736**  
[13] A1

[51] **Int.Cl. 6G06F 17/60**  
[25] EN  
[54] **SYSTEMS, METHODS AND  
COMPUTER PROGRAM PRODUCTS  
FOR ELECTRONIC TRADING OF  
FINANCIAL INSTRUMENTS**  
[54] **SYSTEMES, METHODES ET  
PROGRAMMES INFORMATIQUES  
DESTINES A LA NEGOCIATION  
ELECTRONIQUE D'INSTRUMENTS  
FINANCIERS**  
[72] MAY, RAYMOND R., US  
[71] DERIVATIVES NET, INC., US  
[85] 2000-04-06  
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[13] A1

[51] **Int.Cl. 6G01F 1/708 6G01N 33/02 6G01K 3/04**  
[25] EN  
[54] **THERMAL PROCESSOR MEASUREMENT USING SIMULATED FOOD PARTICLES**  
[54] **MESURE DE PROCESSEUR THERMIQUE AU MOYEN DE PARTICULES D'ALIMENTS SIMULEES**  
[72] SIMUNOVIC, JOSIP, US  
[72] SWARTZEL, KENNETH R., US  
[71] NORTH CAROLINA STATE UNIVERSITY, US  
[85] 2000-04-06  
[86] 1998-07-28 (PCT/US98/15521)  
[87] 1999-04-15 (WO99/18416)  
[30] US (08/946,277) 1997-10-07

[21] **2,305,739**  
[13] A1

[51] **Int.Cl. 6A61L 15/36 6A61F 13/15**  
[25] EN  
[54] **PRODUCT AND PREPARATION CONTAINING LACTIC ACID BACTERIA**  
[54] **PRODUIT ET PREPARATION RENFERMANT DES BACTERIES LACTIQUES**  
[72] ANDERSSON, ROLF, SE  
[72] RUNEMAN, BO, SE  
[72] FORSGREN-BRUSK ULLA, SE  
[72] HAKANSSON, STELLAN, SE  
[72] HOLM, STIG E., SE  
[72] GRAHN HAKANSSON, EVA, SE  
[71] SCA HYGIENE PRODUCTS AB, SE  
[85] 2000-04-06  
[86] 1998-10-08 (PCT/SE98/01816)  
[87] 1999-04-15 (WO99/17813)  
[30] SE (9703669-3) 1997-10-08

[21] **2,305,740**  
[13] A1

[51] **Int.Cl. 6A61L 31/00 6A61L 27/00 6A61L 15/32 6A61L 15/40**  
[25] EN  
[54] **MEMBRANE FOR USE IN GUIDED TISSUE REGENERATION**  
[54] **MEMBRANE UTILISEE DANS LA REGENERATION TISSULAIRE**  
[72] SCHLOSSER, LOTHAR, DE  
[72] ECKMAYER, ZDENEK, DE  
[72] GEISTLICH, PETER, CH  
[71] ED GEISTLICH SYHNE AG FÖR CHEMISCHE INDUSTRIE, CH  
[85] 2000-04-06  
[86] 1998-10-05 (PCT/GB98/02976)  
[87] 1999-04-22 (WO99/19005)  
[30] GB (9721585.9) 1997-10-10

[21] **2,305,741**  
[13] A1

[51] **Int.Cl. 7C21C 7/00 7F27B 7/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR THE SECONDARY REFINEMENT OF METALS**  
[54] **AFFINAGE SECONDAIRE DE METAUX ET APPAREIL A CET EFFET**  
[72] FOURIE, LOUIS JOHANNES, ZA  
[71] IPCOR N.V., AG  
[85] 2000-04-06  
[86] 1999-07-28 (PCT/IB99/01334)  
[87] 2000-02-17 (WO00/08216)  
[30] ZA (98/7125) 1998-08-07

[21] **2,305,742**  
[13] A1

[51] **Int.Cl. 6E21B 10/20 6E21B 10/22 6E21B 10/24**  
[25] EN  
[54] **SMALL DISC CUTTERS, AND DRILL BITS, CUTTERHEADS, AND TUNNEL BORING MACHINES EMPLOYING SUCH ROLLING DISC CUTTERS**  
[54] **PETITS DISQUES COUPANTS, TREPANS, TETES DE COUPE ET TUNNELIERS UTILISANT CES DISQUES COUPANTS TOURNANTS**  
[72] FRIANT, JAMES E., US  
[72] ANDERSON, MICHAEL A., US  
[71] EXCAVATION ENGINEERING ASSOCIATES, INC., US  
[85] 2000-04-06  
[86] 1998-10-05 (PCT/US98/21254)  
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[30] US (60/061,191) 1997-10-06  
[30] US (60/072,883) 1998-01-20

[21] **2,305,743**  
[13] A1

[51] **Int.Cl. 6C08L 59/00**  
[25] EN  
[54] **POLYACETAL COMPOSITION WITH IMPROVED TOUGHNESS**  
[54] **COMPOSITION DE POLYACETAL PRESENTANT UNE DURETE AMELIOREE**  
[72] SHINOHARA, KENICHI, JP  
[72] FLEXMAN, EDMUND ARTHUR, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2000-04-06  
[86] 1998-10-08 (PCT/US98/21220)  
[87] 1999-04-22 (WO99/19401)  
[30] US (08/948,882) 1997-10-10

[21] **2,305,744**  
[13] A1

[51] **Int.Cl. 6C08L 75/04 6C08L 77/00 6C08L 67/02**  
[25] EN  
[54] **COMPATIBILIZED BLENDS OF A THERMOPLASTIC ELASTOMER AND A POLYOLEFIN**  
[54] **MELANGES COMPATIBILISES D'UN ELASTOMERE THERMOPLASTIQUE ET D'UNE POLYOLEFINE**  
[72] FARKAS, JULIUS, US  
[72] LAWSON, DENNIS LEE, US  
[72] JACOBS, CHARLES PATRICK, US  
[72] WILSON, GARY FRANKLIN, US  
[71] THE B.F. GOODRICH COMPANY, US  
[85] 2000-04-06  
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[87] 1999-04-22 (WO99/19406)  
[30] US (08/951,013) 1997-10-15

[21] **2,305,745**  
[13] A1

[51] **Int.Cl. 6C10B 53/00 6C10B 1/10**  
[25] EN  
[54] **CLOSED-LOOP CONTINUOUS OPERATING PYROLYSIS SYSTEM FOR PROCESSING RUBBER WASTE**  
[54] **SYSTEME DE PYROLYSE FONCTIONNANT EN CONTINU EN BOUCLE FERMEE PERMETTANT DE TRAITER LES REBUTS DE CAOUTCHOUC**  
[72] BARSÍ, PETER, HU  
[72] FULOP, TIBOR, HU  
[72] SÍSKA, JOZSEF, HU  
[72] SUGAR, GYORGY, HU  
[71] BARSÍ, PETER, HU  
[71] FULOP, TIBOR, HU  
[71] SÍSKA, JOZSEF, HU  
[71] SUGAR, GYORGY, HU  
[85] 2000-04-06  
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[25] EN  
[54] **AN EFFICIENT METHOD FOR THE CONVERSION OF NITRILES TO AMIDINES**  
[54] **PROCEDES EFFICACES POUR LA CONVERSION DE NITRILES EN AMIDINES**  
[72] LI, HUI-YIN, US  
[72] CONFALONE, PASQUALE N., US  
[72] MA, PHILIP, US  
[71] DUPONT PHARMACEUTICALS COMPANY, US  
[85] 2000-04-06  
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[13] A1  
[51] **Int.Cl. 6C08F 220/10 6G02C 7/04 6A61F 2/16 6C08F 220/52**  
[25] EN  
[54] **FOUR COMPONENT COPOLYMER AND THE OCULAR LENS MADE THEREOF**  
[54] **QUATRE COMPOSANTS COPOLYMERES ET LENTILLES OCULAIRES FABRIQUEES A L'AIDE DE CES COMPOSANTS**  
[72] LI, FUMIAN, CN  
[71] SANTEN PHARMACEUTICAL CO., LTD., JP  
[71] LI, FUMIAN, CN  
[85] 2000-04-06  
[86] 1998-10-07 (PCT/CN98/00212)  
[87] 1999-04-15 (WO99/18139)  
[30] CN (97119353.3) 1997-10-07

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[13] A1  
[51] **Int.Cl. 6F16L 41/08**  
[25] EN  
[54] **BRANCH PIPE CONNECTION**  
[54] **RACCORD POUR TUYAU D'EMBRANCHEMENT**  
[72] JAPPINEN, TERO, FI  
[71] UPONOR INNOVATION AB, SE  
[85] 2000-04-06  
[86] 1998-10-15 (PCT/FI98/00804)  
[87] 1999-04-29 (WO99/20930)  
[30] US (60/062,829) 1997-10-17  
[30] US (09/023,501) 1998-02-13

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[13] A1  
[51] **Int.Cl. 6C07D 451/02 6A61K 51/00**  
[25] EN  
[54] **DOPAMINE TRANSPORTER IMAGING LIGAND**  
[54] **LIGAND AUX FINS DE LA VISUALISATION DU TRANSPORTE DE LA DOPAMINE**  
[72] KUCHAR, MICHAEL J., US  
[72] BOJA, JOHN W., US  
[72] CARROLL, FRANK I., US  
[72] ABRAHAM, PHILIP, US  
[72] LEWIN, ANITA H., US  
[71] RESEARCH TRIANGLE INSTITUTE, US  
[85] 2000-04-06  
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[30] US (08/946,007) 1997-10-07

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[13] A1  
[51] **Int.Cl. 6A01N 43/88 6A01N 43/12 6B27K 3/50**  
[25] EN  
[54] **SYNERGISTIC COMPOSITIONS COMPRISING AN OXATHIAZINE AND A BENZOTHIOPHENE-2-CARBOXAMIDE-S,S-DIOXIDE**  
[54] **COMPOSITIONS SYNERGIQUES COMPRENANT UNE OXATHIAZINE ET UN BENZOTHIOPHENE-2-CARBOXAMIDE-S,S-DIOXYDE**  
[72] DE WITTE, LUDO ANTOINETTE, BE  
[72] VALCKE, ALEX RAYMOND ALBERT, BE  
[72] VAN DER FLAAS, MARK ARTHUR JOSEPHA, BE  
[72] WILLEMS, WILLY MODEST LOUISA, BE  
[71] BAYER A.G., DE  
[71] JANSSEN PHARMACEUTICA N.V., BE  
[85] 2000-04-06  
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[13] A1  
[51] **Int.Cl. 6A61K 9/20 6A61K 47/26 6A61K 47/32 6A61K 47/36**  
[25] EN  
[54] **QUICKLY SOLUBLE SOLID PREPARATIONS**  
[54] **PREPARATIONS SOLIDES RAPIDEMENT SOLUBLES**  
[72] OKADA, MINORU, JP  
[72] IKEDA, YASUO, JP  
[72] ONO, KENJI, JP  
[72] IMAMORI, KATSUMI, JP  
[72] KURAZUMI, TOSHIAKI, JP  
[72] KASAI, SYUICHI, JP  
[71] SSP CO., LTD., JP  
[85] 2000-04-06  
[86] 1998-10-07 (PCT/JP98/04526)  
[87] 1999-04-22 (WO99/18936)  
[30] JP (9-291841) 1997-10-09  
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[30] JP (9-291843) 1997-10-09

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[13] A1  
[51] **Int.Cl. 6C23F 13/06 6C23F 13/02 6C23F 13/16**  
[25] EN  
[54] **METHOD FOR CATHODIC PROTECTION OF REINFORCED CONCRETE**  
[54] **PROCEDE DE PROTECTION CATHODIQUE POUR BETON ARME**  
[72] AUSTNES, PER, NO  
[71] AUSTNES, PER, NO  
[85] 2000-04-06  
[86] 1998-09-30 (PCT/NO98/00284)  
[87] 1999-04-22 (WO99/19540)  
[30] NO (974654) 1997-10-09



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[13] A1  
[51] **Int.Cl. 6C07H 19/00 6C07H 21/00  
6C07H 21/02 6C07H 21/04**  
[25] EN  
[54] **INHIBITORS OF NUCLEOSIDE  
METABOLISM**  
[54] **INHIBITEURS DU METABOLISME  
DES NUCLEOSIDES**  
[72] TYLER, PETER CHARLES, NZ  
[72] FURNEAUX, RICHARD HUBERT, NZ  
[72] SCHRAMM, VERN L., US  
[71] INDUSTRIAL RESEARCH LIMITED,  
NZ  
[71] ALBERT EINSTEIN COLLEGE OF  
MEDICINE OF YESHIVA UNIVERSITY,  
US  
[85] 2000-04-06  
[86] 1998-10-14 (PCT/US98/21717)  
[87] 1999-04-22 (WO99/19338)  
[30] US (08/949,388) 1997-10-14

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[13] A1  
[51] **Int.Cl. 6A61K 9/28 6A61K 47/30**  
[25] EN  
[54] **DELAYED TOTAL RELEASE  
GASTROINTESTINAL DRUG  
DELIVERY SYSTEM**  
[54] **SYSTEME D'ADMINISTRATION  
DE MEDICAMENTS A LIBERATION  
TOTALE PROLONGEE DESTINES AU  
TRACTUS GASTRO-INTESTINAL**  
[72] PENHASI, ADEL, IL  
[72] LERNER, E. ITZHAK, IL  
[72] FLASHNER, MOSHE, IL  
[71] PERIO PRODUCTS LTD., IL  
[85] 2000-04-06  
[86] 1998-10-01 (PCT/US98/20779)  
[87] 1999-04-22 (WO99/18938)  
[30] US (08/948,235) 1997-10-09  
[30] US (09/163,202) 1998-09-30

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[13] A1  
[51] **Int.Cl. 6C07J 9/00 6C07J 41/00 6C07J  
51/00 6A61K 31/575**  
[25] EN  
[54] **BILE ACID SALTS OF METALS  
WITH PHYSIOLOGICAL ACTION AND  
THE USE THEREOF IN THERAPY**  
[54] **SELS D'ACIDES BILIAIRES DE  
METAUX COMPORTANT UNE  
ACTION PHYSIOLOGIQUE, ET  
UTILISATION DE CEUX-CI EN  
THERAPIE**  
[72] PALMIERI, BENIAMINO, IT  
[72] BARTOLI, ENZO, IT  
[72] MEDICI, ALESSANDRO, IT  
[71] PALMIERI, BENIAMINO, IT  
[71] ICE S.R.L., IT  
[71] MEDICI, ALESSANDRO, IT  
[85] 2000-04-06  
[86] 1997-10-09 (PCT/EP97/05555)  
[87] 1999-04-22 (WO99/19342)

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[13] A1  
[51] **Int.Cl. 6A61K 9/02 6A61K 47/14**  
[25] EN  
[54] **SUPPOSITORY COMPOSITION**  
[54] **COMPOSITION DE  
SUPPOSITOIRE**  
[72] FUJIMORI, TOMOKO, JP  
[72] AIKAWA, KATSUYOSHI, JP  
[72] YAMAZAKI, MASARU, JP  
[72] ITOH, SOICHI, JP  
[72] HORI, SEIICHI, JP  
[71] TAISHO PHARMACEUTICAL CO.,  
LTD., JP  
[85] 2000-04-06  
[86] 1998-10-07 (PCT/JP98/04522)  
[87] 1999-04-15 (WO99/17737)  
[30] JP (HEI-9-275432) 1997-10-08  
[30] JP (HEI-10-003422) 1998-01-09

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[13] A1  
[51] **Int.Cl. 6A61M 37/00**  
[25] EN  
[54] **APPARATUS AND METHOD FOR  
THE TREATMENT OF ACUTE AND  
CHRONIC RENAL DISEASE BY  
CONTINUOUS PASSIVE PLASMA  
ULTRAFILTRATION**  
[54] **APPAREIL ET METHODE DE  
TRAITEMENT DE NEPHROPATHIE  
AIGUE ET CHRONIQUE PAR  
ULTRAFILTRATION PASSIVE DE  
PLASMA EN CONTINU**  
[72] VENKAT, K., US  
[72] GORSUCH, REYNOLDS G., US  
[71] TRANSVIVO, INC., US  
[85] 2000-04-06  
[86] 1998-10-09 (PCT/US98/21371)  
[87] 1999-04-22 (WO99/19007)  
[30] US (08/949,055) 1997-10-10

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[13] A1  
[51] **Int.Cl. 6A61B 17/36**  
[25] EN  
[54] **ELECTROSURGICAL SYSTEM  
FOR REDUCING/REMOVING ESCHAR  
ACCUMULATIONS ON  
ELECTROSURGICAL INSTRUMENTS**  
[54] **SYSTEME  
ELECTROCHIRURGICAL  
PERMETTANT DE REDUIRE ET/OU  
D'ELIMINER LES ACCUMULATIONS  
DE MATIERE CORPORELLE SUR DES  
INSTRUMENTS  
D'ELECTROCHIRURGIE**  
[72] MILLER, SCOTT ALLAN III, US  
[72] BRASSELL, JAMES L., US  
[72] HEIM, WARREN PAUL, US  
[71] TEAM MEDICAL, LLC, US  
[85] 2000-04-06  
[86] 1998-10-05 (PCT/US98/20808)  
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[30] US (08/951,982) 1997-10-15

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,305,766</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B26F 1/18</b> [25] EN [54] <b>DEVICE FOR PRODUCING A SCORING LINE IN THE CYLINDRICAL WALL OF A PLASTIC CUP, PARTICULARLY OF A PLASTIC CUP FOR CLOSING A CONTAINER, AND MACHINE USING SAID DEVICE</b> [54] <b>DISPOSITIF PERMETTANT DE CONSTITUER UNE LIGNE DE RAINURAGE DANS LA PAROI CYLINDRIQUE D'UNE COUPELLE EN MATIERE PLASTIQUE, NOTAMMENT UN BOUCHON EN MATIERE PLASTIQUE DESTINE A FERMER UN CONTENANT, ET MACHINE FAISANT INTERVENIR CE DISPOSITIF</b> [72] BELTRANDI, DARIO, IT [71] SACMI COOPERATIVA MECCANICI IMOLA S.C.R.L., IT [85] 2000-04-06 [86] 1998-10-01 (PCT/EP98/06234) [87] 1999-04-15 (WO99/17911) [30] IT (B097A000604) 1997-10-07</p>	<p style="text-align: right;">[21] <b>2,305,769</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23G 3/30</b> [25] EN [54] <b>CHEWING GUM PRODUCTS CONTAINING PERILLARTINE AND METHOD OF MAKING THE SAME</b> [54] <b>PRODUITS DE GOMME A MACHER CONTENANT DE LA PERYLLARTINE</b> [72] JOHNSON, SONYA S., US [72] YATKA, ROBERT J., US [71] WM. WRIGLEY JR. COMPANY, US [85] 2000-04-06 [86] 1996-10-28 (PCT/US96/17227) [87] 1998-05-07 (WO98/18340)</p>	<p style="text-align: right;">[21] <b>2,305,772</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F03B 1/00</b> [25] EN [54] <b>VERTICAL AXIS WATER TURBINE</b> [54] <b>TURBINE HYDRAULIQUE A AXE VERTICAL</b> [72] ROUND, GEORGE F., CA [72] VALAVAARA, VILJO K. (DECEASED), ZZ [71] HYDROENERGY CORPORATION, CA [85] 2000-03-17 [86] 1998-09-25 (PCT/CA98/00904) [87] 1999-04-08 (WO99/17017) [30] US (08/939,664) 1997-09-29</p>
<p style="text-align: right;">[21] <b>2,305,768</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/47 6C12N 15/86</b> [25] EN [54] <b>COMPOSITIONS AND METHODS FOR TREATING LYSOSOMAL STORAGE DISEASE</b> [54] <b>COMPOSITIONS ET PROCEDES POUR TRAITER LES MALADIES LYSOSOMIALES</b> [72] ZIEGLER, ROBIN J., US [72] CHENG, SENG H., US [72] YEW, NELSON S., US [71] GENZYME CORPORATION, US [85] 2000-04-06 [86] 1998-10-29 (PCT/US98/22886) [87] 2000-02-24 (WO00/09153) [30] US (60/063,527) 1997-10-29</p>	<p style="text-align: right;">[21] <b>2,305,770</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 295/02 6C07D 295/12 6C07D 241/24</b> [25] EN [54] <b>PROCESS FOR PREPARING SUBSTITUTED PYRAZINE COMPOUNDS</b> [54] <b>PROCEDE DE PREPARATION DE COMPOSES DE PYRAZINE</b> [54] <b>PROCEDE DE PREPARATION DE COMPOSES DE PYRAZINE</b> [54] <b>SUBSTITUES</b> [72] ZHANG, WEIJIANG, US [71] ABBOTT LABORATORIES, US [85] 2000-04-05 [86] 1998-10-08 (PCT/US98/21245) [87] 1999-04-22 (WO99/19314) [30] US (08/949,051) 1997-10-10</p>	<p style="text-align: right;">[21] <b>2,305,773</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 8/22 6B01D 3/00 6C10G 2/00 6C07C 1/06</b> [25] EN [54] <b>PROCESS FOR PRODUCING LIQUID AND, OPTIONALLY, GASEOUS PRODUCTS FROM GASEOUS REACTANTS</b> [54] <b>PRODUCTION DE PRODUITS LIQUIDES, ET EVENTUELLEMENT GAZEUX, A PARTIR DE REACTIFS GAZEUX</b> [72] SILVERMAN, ROY W., US [72] JONES, DAVID H., US [72] STEYNBERG, ANDRE PETER, ZA [71] SASOL TECHNOLOGY (PROPRIETARY) LIMITED, ZA [85] 2000-03-31 [86] 1998-10-01 (PCT/GB98/02946) [87] 1999-04-15 (WO99/17870) [30] ZA (97/8966) 1997-10-07</p>
<p style="text-align: right;">[21] <b>2,305,771</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 1/04 6C07B 61/00</b> [25] EN [54] <b>CODING COMBINATORIAL LIBRARIES WITH FLUORINE TAGS</b> [54] <b>CODAGE DE BANQUES COMBINATOIRES AVEC DES MARQUEURS AU FLUOR</b> [72] HOCHLOWSKI, JILL E., US [72] NORBECK, DANIEL W., US [72] SOWIN, THOMAS J., US [72] WADE, WARREN S., US [72] WHITTERN, DAVID N., US [71] ABBOTT LABORATORIES, US [85] 2000-04-05 [86] 1998-10-09 (PCT/US98/21408) [87] 1999-04-22 (WO99/19344) [30] US (08/949,987) 1997-10-14</p>	<p style="text-align: right;">[21] <b>2,305,771</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 1/04 6C07B 61/00</b> [25] EN [54] <b>CODING COMBINATORIAL LIBRARIES WITH FLUORINE TAGS</b> [54] <b>CODAGE DE BANQUES COMBINATOIRES AVEC DES MARQUEURS AU FLUOR</b> [72] HOCHLOWSKI, JILL E., US [72] NORBECK, DANIEL W., US [72] SOWIN, THOMAS J., US [72] WADE, WARREN S., US [72] WHITTERN, DAVID N., US [71] ABBOTT LABORATORIES, US [85] 2000-04-05 [86] 1998-10-09 (PCT/US98/21408) [87] 1999-04-22 (WO99/19344) [30] US (08/949,987) 1997-10-14</p>	<p style="text-align: right;">[21] <b>2,305,771</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 1/04 6C07B 61/00</b> [25] EN [54] <b>CODING COMBINATORIAL LIBRARIES WITH FLUORINE TAGS</b> [54] <b>CODAGE DE BANQUES COMBINATOIRES AVEC DES MARQUEURS AU FLUOR</b> [72] HOCHLOWSKI, JILL E., US [72] NORBECK, DANIEL W., US [72] SOWIN, THOMAS J., US [72] WADE, WARREN S., US [72] WHITTERN, DAVID N., US [71] ABBOTT LABORATORIES, US [85] 2000-04-05 [86] 1998-10-09 (PCT/US98/21408) [87] 1999-04-22 (WO99/19344) [30] US (08/949,987) 1997-10-14</p>

## PCT Applications Entering the National Phase

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[21] **2,305,774**  
[13] A1  
[51] **Int.Cl. 6G01N 33/558 6G01N 33/543**  
[25] FR  
[54] **DISPOSITIF D'ESSAI POUR LA DETERMINATION D'ANALYTES DANS UN PRODUIT LAITIER LIQUIDE**  
[54] **TESTING DEVICE FOR DETERMINING ANALYTES IN A LIQUID DAIRY PRODUCT**  
[72] FRERE, JEAN-MARIE, BE  
[72] GRANIER, BENOIT, BE  
[72] JORIS, BERNARD, BE  
[72] DEGELAEN, JACQUES, BE  
[71] UCB BIOPRODUCTS, S.A., BE  
[85] 2000-03-31  
[86] 1998-10-06 (PCT/BE98/00147)  
[87] 1999-04-15 (WO99/18439)  
[30] BE (9700807) 1997-10-07  
[30] BE (9800485) 1998-06-25

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[21] **2,305,775**  
[13] A1  
[51] **Int.Cl. 6C22C 38/00 6C21D 8/00 6C22C 38/16 6C22C 38/58**  
[25] EN  
[54] **ROLLED STEEL PRODUCT EXCELLENT IN WEATHERABILITY AND FATIGUE RESISTING CHARACTERISTIC AND METHOD OF PRODUCTION THEREOF**  
[54] **ACIER LAMINE AYANT UN EXCELLENT COMPORTEMENT AUX INTEMPERIES ET UNE EXCELLENTE RESISTANCE A LA FATIGUE ET PROCEDE DE PRODUCTION DE CET ACIER**  
[72] SATOH, HIRONORI, JP  
[72] YAMAMOTO, KOUICHI, JP  
[71] NIPPON STEEL CORPORATION, JP  
[85] 2000-03-31  
[86] 1999-08-05 (PCT/JP99/04239)  
[87] 2000-02-17 (WO00/08221)  
[30] JP (10-232385) 1998-08-05  
[30] JP (10-232386) 1998-08-05

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[21] **2,305,776**  
[13] A1  
[51] **Int.Cl. 6C02F 9/00 6B67D 5/02 6C02F 1/32**  
[25] EN  
[54] **WATER PURIFYING AND DISPENSING APPARATUS**  
[54] **APPAREIL D'EPURATION ET DE DISTRIBUTION D'EAU**  
[72] HULLEY, PETER, GB  
[72] TANNY, GERALD, IL  
[72] WISEBURGH, PETER, IL  
[71] SODA CLUB (CO2) SA, CH  
[85] 2000-03-31  
[86] 1998-09-28 (PCT/IL98/00470)  
[87] 1999-04-15 (WO99/18040)  
[30] IL (121885) 1997-10-05

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[21] **2,305,777**  
[13] A1  
[51] **Int.Cl. 6C08J 9/04 6C09K 5/04 6C08J 9/14**  
[25] EN  
[54] **HIGH PRODUCTIVITY, LOW FUGITIVE VOC EMISSION FOAM PROCESS**  
[54] **PROCEDE D'EXPANSION HAUTE PRODUCTIVITE AVEC EMISSION REDUITE DE COV FUGITIF**  
[72] WU, WEN PAO, US  
[71] PACTIV CORPORATION, US  
[85] 2000-03-31  
[86] 1998-10-01 (PCT/US98/20507)  
[87] 1999-04-08 (WO99/16815)  
[30] US (08/941,960) 1997-10-01

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[21] **2,305,778**  
[13] A1  
[51] **Int.Cl. 6G07F 7/10**  
[25] EN  
[54] **NEGOTIABLE INSTRUMENT REQUESTING AND DISPENSING SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE DEMANDE ET DE DISTRIBUTION D'EFFETS DE COMMERCE**  
[72] NOVOGROD, JOHN C., US  
[72] KURLANDER, GLENN, US  
[71] NOVOGROD, JOHN C., US  
[85] 2000-03-31  
[86] 1998-09-22 (PCT/US98/19681)  
[87] 1999-04-15 (WO99/18549)  
[30] US (08/942,957) 1997-10-02  
[30] US (08/943,383) 1997-10-02

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[21] **2,305,779**  
[13] A1  
[51] **Int.Cl. 6G06F 13/42 6G06F 13/40**  
[25] EN  
[54] **A BUS ARRANGEMENT AND ASSOCIATED METHOD IN A COMPUTER SYSTEM**  
[54] **STRUCTURE BUS ET PROCEDE ASSOCIE DANS UN SYSTEME INFORMATIQUE**  
[72] WEI, JAMES YUAN, US  
[72] SHEAFOR, STEPHEN JAMES, US  
[71] SITERA, INC., US  
[85] 2000-03-31  
[86] 1998-09-16 (PCT/US98/19319)  
[87] 1999-04-08 (WO99/17215)  
[30] US (08/942,011) 1997-10-01

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[21] **2,305,788**  
[13] A1  
[51] **Int.Cl. 6B31D 5/00**  
[25] EN  
[54] **PACKING MATERIAL PRODUCT AND METHOD AND APPARATUS FOR MAKING, MONITORING AND CONTROLLING THE SAME**  
[54] **PRODUIT EN MATIERE D'EMBALLAGE, ET PROCEDE ET APPAREIL DE FABRICATION, DE CONTROLE, ET DE COMMANDE DE CE PRODUIT**  
[72] RATZEL, RICHARD O., US  
[72] HARDING, JOSEPH J., US  
[71] RANPAK CORP., US  
[85] 2000-03-31  
[86] 1998-10-02 (PCT/US98/20640)  
[87] 1999-04-15 (WO99/17923)  
[30] US (08/943,037) 1997-10-02

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[21] **2,305,789**  
[13] A1

[51] **Int.Cl. 6C12Q 1/08 6C12Q 1/04 6C12M 1/18 6C12Q 1/18 6C12Q 1/20 6G01N 21/63**  
[25] EN  
[54] **DETECTION OF PATHOGENIC MICROORGANISMS AND THEIR ANTIMICROBIAL SUSCEPTIBILITY**  
[54] **DETECTION DE MICROORGANISMES PATHOGENES ET LEUR SENSIBILITE AUX ANTIMICROBIENS**  
[72] NAQUI, ALI, US  
[72] GU, HAOYI, US  
[72] CARPENTER, CHARLES R., US  
[72] CHEN, CHUN-MING, US  
[71] IDEXX LABORATORIES, INC., US  
[85] 2000-03-31  
[86] 1998-09-29 (PCT/US98/20298)  
[87] 1999-04-15 (WO99/18232)  
[30] US (08/942,369) 1997-10-02

[21] **2,305,790**  
[13] A1

[51] **Int.Cl. 6C07C 317/02 6C07C 317/14**  
[25] EN  
[54] **STYRYL SULFONE ANTICANCER AGENTS**  
[54] **AGENTS ANTICANCEREUX AU STYRYLSULFONE**  
[72] REDDY, RAMANA M. V., US  
[72] REDDY, PREMKUMAR E., US  
[71] TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US  
[85] 2000-03-31  
[86] 1998-10-01 (PCT/US98/20580)  
[87] 1999-04-15 (WO99/18068)  
[30] US (60/060,933) 1997-10-03

[21] **2,305,791**  
[13] A1

[51] **Int.Cl. 6B25G 3/38**  
[25] EN  
[54] **FOLDING HANDLE DEVICE**  
[54] **DISPOSITIF DE POIGNEE PLIANTE**  
[72] MORRISON, MARTY, US  
[72] KUREK, EDWARD A., US  
[71] SOUTHCO, INC., US  
[85] 2000-03-31  
[86] 1998-08-20 (PCT/US98/17465)  
[87] 1999-04-08 (WO99/16588)  
[30] US (08/942,148) 1997-10-01

[21] **2,305,792**  
[13] A1

[51] **Int.Cl. 6A23L 1/164 6A21D 8/02 6A23P 1/12**  
[25] EN  
[54] **METHOD OF MANUFACTURING FOOD PRODUCTS**  
[54] **PROCEDE POUR FABRIQUER DES PRODUITS ALIMENTAIRES**  
[72] HEYHOE, THOMAS CARL, AU  
[71] KOALA BRAND GROUP PTY. LTD., VG  
[85] 2000-03-31  
[86] 1998-10-01 (PCT/AU98/00824)  
[87] 1999-04-15 (WO99/17621)  
[30] US (08/943,588) 1997-10-03  
[30] US (09/052,578) 1998-03-31

[21] **2,305,793**  
[13] A1

[51] **Int.Cl. 7G01V 3/15 7A63B 29/02**  
[25] EN  
[54] **SEARCH DEVICE FOR LOCATING BURIED PERSONS**  
[54] **APPAREIL DE RECHERCHE DE PERSONNES ENSEVELIES**  
[72] ECKHARD, CHRISTIAN, DE  
[71] ECKHARD, CHRISTIAN, DE  
[85] 2000-03-31  
[86] 1999-07-30 (PCT/EP99/05524)  
[87] 2000-02-17 (WO00/08491)  
[30] DE (298 13 723.2) 1998-07-31

[21] **2,305,794**  
[13] A1

[51] **Int.Cl. 6B22D 11/12**  
[25] EN  
[54] **SPLIT ROLL FOR CONTINUOUS CASTING**  
[54] **ROULEAU FENDU POUR COULEE EN CONTINU**  
[72] SCOTTO, ANTHONY E., US  
[71] SMS CONCAST DIVISION OF SMS SCHLOEMANN-SIEMAG INC., US  
[85] 2000-03-31  
[86] 1998-10-02 (PCT/US98/20730)  
[87] 1999-04-29 (WO99/20419)  
[30] US (08/954,406) 1997-10-20

[21] **2,305,795**  
[13] A1

[51] **Int.Cl. 6C07C 1/20 6C10G 3/00**  
[25] EN  
[54] **METHOD FOR INCREASING LIGHT OLEFIN YIELD BY CONVERSION OF A HEAVY HYDROCARBON FRACTION OF A PRODUCT TO LIGHT OLEFINS**  
[54] **PROCEDE D'AUGMENTATION DU RENDEMENT D'OLEFINES LEGERES PAR CONVERSION D'UNE FRACTION D'HYDROCARBURES LOURDS D'UN PRODUIT EN OLEFINES LEGERES**  
[72] VAUGHN, STEPHEN N., US  
[71] EXXON CHEMICAL PATENTS, INC., US  
[85] 2000-03-31  
[86] 1998-09-25 (PCT/US98/20070)  
[87] 1999-04-15 (WO99/18055)  
[30] US (08/943,399) 1997-10-03

[21] **2,305,796**  
[13] A1

[51] **Int.Cl. 6C08F 8/00 6C09J 133/08**  
[25] EN  
[54] **ADHESIVES**  
[54] **ADHESIFS**  
[72] WEBSTER, IAIN, GB  
[71] SMITH & NEPHEW PLC, GB  
[85] 2000-03-31  
[86] 1998-10-02 (PCT/GB98/02973)  
[87] 1999-04-15 (WO99/18136)  
[30] GB (9720922.5) 1997-10-02

[21] **2,305,797**  
[13] A1

[51] **Int.Cl. 6B62M 1/14 6B62M 11/16**  
[25] EN  
[54] **DEVICE AT A WHEEL FOR A WHEELCHAIR**  
[54] **DISPOSITIF DESTINE A UNE ROUE DE FAUTEUIL ROULANT**  
[72] OLSSON, TOMMY, SE  
[71] ROBUTEC AKTIEBOLAG, SE  
[85] 2000-03-31  
[86] 1998-09-30 (PCT/SE98/01764)  
[87] 1999-04-15 (WO99/17980)  
[30] SE (9703627-1) 1997-10-02

## PCT Applications Entering the National Phase

[21] **2,305,798**  
[13] A1

[51] **Int.Cl. 6C07C 291/02 6A61K 31/135**  
[25] EN  
[54] **.ALPHA.-ARYL-N-ALKYLNITRONES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THE SAME**  
[54] **ALPHA-ARYL-N-ALKYLNITRONES ET COMPOSITIONS PHARMACEUTIQUES CONTENANT LESDITS COMPOSES**  
[72] LEVELL, JULIAN, US  
[72] WILCOX, ALLAN L., US  
[72] MAPLES, KIRK R., US  
[72] ZHANG, YONG-KANG, US  
[72] DYKMAN, ALINA, US  
[72] KELLEHER, JUDITH A., US  
[71] CENTAUR PHARMACEUTICALS, INC., US  
[85] 2000-04-03  
[86] 1998-10-16 (PCT/US98/21624)  
[87] 1999-04-29 (WO99/20601)  
[30] US (60/062,324) 1997-10-17  
[30] US (60/063,736) 1997-10-29  
[30] US (60/090,475) 1998-06-24

[21] **2,305,799**  
[13] A1

[51] **Int.Cl. 6A61K 45/06**  
[25] EN  
[54] **COMPOSITON FOR THE TREATMENT OF NICOTINE ADDICTION CONTAINING A NICOTINE RECEPTOR ANTAGONIST AND AN ANTI-DEPRESSANT OR ANTI-ANXIETY DRUG**  
[54] **COMPOSITION DE TRAITEMENT DE LA DEPENDANCE A LA NICOTINE CONTENANT UN ANTAGONISTE DU RECEPTEUR A LA NICOTINE ET MEDICAMENT ANTIDEPRESSEUR OU ANXIOLYTIQUE**  
[72] CARY, DOUGLAS D., US  
[71] CARY MEDICAL CORPORATION, US  
[85] 2000-04-03  
[86] 1998-10-02 (PCT/US98/20894)  
[87] 1999-04-15 (WO99/17803)  
[30] US (60/060,794) 1997-10-03

[21] **2,305,800**  
[13] A1

[51] **Int.Cl. 6C12Q 1/32 6C12Q 1/00 6G01N 27/30 6G01N 27/327**  
[25] EN  
[54] **BIOSENSOR ELECTRODE MEDIATORS FOR REGENERATION OF COFACTORS**  
[54] **MEDIATEURS D'ELECTRODES DE BIOCAPTEUR POUR LA REGENERATION DE COFACTEURS**  
[72] SANGHERA, GURDIAL S., US  
[72] FORROW, NIGEL J., GB  
[72] WATKIN, JARED L., GB  
[72] WALTERS, STEPHEN, GB  
[71] ABBOTT LABORATORIES, US  
[85] 2000-04-05  
[86] 1998-10-16 (PCT/US98/21815)  
[87] 1999-04-22 (WO99/19507)  
[30] US (60/061,982) 1997-10-16

[21] **2,305,801**  
[13] A1

[51] **Int.Cl. 6C07D 401/04 6A61K 31/445**  
[25] EN  
[54] **ETHYL 4-(8-CHLORO-5, 6-DIHYDRO-11H-BENZO-5,6|CYCLOHEPTA -1,2-B|PYRIDIN -11-YLIDENE)-1-PIPERIDENE CARBOXYLATE POLYMORPH**  
[54] **POLYMORPHE D'ETHYL 4-(8-CHLORO-5, 6,-DIHYDRO-11H-BENZO-5,6|CYCLOHEPTA -1,2-B|PYRIDINE -11-YLIDENE)-1-PIPERIDENE CARBOXYLATE**  
[72] GALA, DINESH, US  
[72] DIBENEDETTO, DONALD J., US  
[71] SCHERING CORPORATION, US  
[85] 2000-04-04  
[86] 1998-10-08 (PCT/US98/20919)  
[87] 1999-04-22 (WO99/19322)  
[30] US (08/948,886) 1997-10-10

[21] **2,305,802**  
[13] A1

[51] **Int.Cl. 6C07D 213/56 6C07D 257/04 6C07D 513/04 6C07D 285/08 6C07D 215/12 6C07D 231/12 6C07D 241/20 6C07D 217/22 6C07D 277/40 6A61K 31/41 6A61K 31/415 6A61K 31/425 6A61K 31/44 6A61K 31/445 6A61K 31/47 6C07D 215/48 6A61K 31/495 6A61K 31/505 6C07D 213/61 6C07D 213/64 6C07D 233/64 6C07D 277/68 6C07D 213/73 6C07D 213/81**  
[25] EN  
[54] **AMIDE DERIVATIVES OR SALTS THEREOF**  
[54] **DERIVES AMIDES OU SELS DESDITS DERIVES**  
[72] ONDA, KENICHI, JP  
[72] MARUYAMA, TATSUYA, JP  
[72] SUZUKI, TAKAYUKI, JP  
[72] HAYAKAWA, MASAHIKO, JP  
[72] MATSUI, TETSUO, JP  
[72] KIMIZUKA, TETSUYA, JP  
[72] MORITOMA, HIROYUKI, JP  
[71] YAMANOUCI PHARMACEUTICAL CO., LTD., JP  
[85] 2000-04-04  
[86] 1998-10-15 (PCT/JP98/04671)  
[87] 1999-04-29 (WO99/20607)  
[30] JP (9-285778) 1997-10-17

[21] **2,305,803**  
[13] A1

[51] **Int.Cl. 6C07D 405/14 6C07D 241/00 6C07D 249/00 6C07D 307/00 6A61K 31/41 6A61K 31/495**  
[25] EN  
[54] **CRYSTALLINE ANTIFUNGAL POLYMORPH**  
[54] **OLYMORPHE ANTIFONGIQUE CRISTALLIN**  
[72] ANDREWS, DAVID R., US  
[72] LEONG, WILLIAM, US  
[72] SUDHAKAR, ANANTHA R., US  
[71] SCHERING CORPORATION, US  
[85] 2000-04-04  
[86] 1998-10-05 (PCT/US98/20476)  
[87] 1999-04-15 (WO99/18097)  
[30] US (08/946,183) 1997-10-07

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[21] **2,305,804**  
[13] A1

[51] **Int.Cl. 6A61K 7/28 6A61K 7/30**  
[25] EN  
[54] **PLAQUE-INHIBITING ORAL COMPOSITIONS**  
[54] **COMPOSITIONS ORALES INHIBANT LA PLAQUE DENTAIRE**  
[72] TSUCHIYA, RIE, DK  
[71] NOVO NORDISK A/S, DK  
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[87] 1999-04-29 (WO99/20239)  
[30] DK (1191/97) 1997-10-17

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[51] **Int.Cl. 6A61K 31/445 6C07D 401/04 6C07D 401/14 6A61K 31/53**  
[25] EN  
[54] **COMPOUNDS AND METHODS**  
[54] **COMPOSES ET PROCEDES**  
[72] CHAN, JAMES, US  
[72] VENSILAVSKY, JOSEPH W., US  
[72] PORTER, RODERICK A., GB  
[72] BONDINELL, WILLIAM E., US  
[72] DABBS, STEVEN, GB  
[72] DAVIES, DAVID T., GB  
[71] SMITHKLINE BEECHAM PLC, GB  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 2000-04-04  
[86] 1998-10-07 (PCT/US98/21125)  
[87] 1999-04-15 (WO99/17773)  
[30] US (60/061,217) 1997-10-07

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[51] **Int.Cl. 6C07D 409/12 6C07D 405/12 6C07D 333/20 6C07D 333/28 6A01N 43/68**  
[25] EN  
[54] **SUBSTITUTED 2,4-DIAMINO-1,3,5-TRIAZINE AND THEIR USE AS HERBICIDES**  
[54] **2,4-DIAMINO-1,3,5-TRIAZINES SUBSTITUEES ET LEUR UTILISATION COMME HERBICIDES**  
[72] STELZER, UWE, DE  
[72] DOLLINGER, MARKUS, US  
[72] DREWES, MARK WILHELM, DE  
[72] MYERS, RANDY ALLEN, US  
[72] LEHR, STEFAN, DE  
[72] RIEBEL, HANS-JOCHEM, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-04-04  
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[87] 1999-04-15 (WO99/18100)  
[30] DE (197 44 232.3) 1997-10-07

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[51] **Int.Cl. 6C07D 235/16 6C07D 471/04 6C07D 413/10 6C07D 417/10 6A61K 31/415**  
[25] EN  
[54] **SUBSTITUTED FUSED HETEROCYCLIC COMPOUNDS**  
[54] **COMPOSES HETEROCYCLIQUES CONDENSES SUBSTITUES**  
[72] FUJITA, TAKASHI, JP  
[72] FUJIWARA, TOSHIHIKO, JP  
[72] WADA, KUNIO, JP  
[71] SANKYO COMPANY LIMITED, JP  
[85] 2000-04-07  
[86] 1998-10-08 (PCT/JP98/04548)  
[87] 1999-04-15 (WO99/18081)  
[30] JP (9-276063) 1997-10-08

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[25] EN  
[54] **AMIDOCARBOXYLIC ACID DERIVATIVES**  
[54] **DERIVES D'ACIDE AMIDOCARBOXYLIQUE**  
[72] TAKAMURA, MAKOTO, JP  
[72] YANAGISAWA, HIROAKI, JP  
[72] FUJIWARA, TOSHIHIKO, JP  
[72] SAKURAI, MITSUYA, JP  
[71] SANKYO COMPANY LIMITED, JP  
[85] 2000-03-31  
[86] 1998-09-30 (PCT/JP98/04396)  
[87] 1999-04-15 (WO99/18066)  
[30] JP (9-269923) 1997-10-02

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[13] A1

[51] **Int.Cl. 7F04D 7/06 7F16D 1/02 7F04D 29/04 7F16D 1/08**  
[25] EN  
[54] **MOLTEN METAL PUMP WITH MONOLITHIC ROTOR**  
[54] **POMPE POUR METAL FONDU A ROTOR MONOLITHIQUE**  
[72] COOPER, PAUL V., US  
[71] COOPER, PAUL V., US  
[85] 2000-04-10  
[86] 1999-08-11 (PCT/US99/18178)  
[87] 2000-02-24 (WO00/09889)  
[30] US (09/132,934) 1998-08-11

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[13] A1

[51] **Int.Cl. 6B29C 70/00**  
[25] EN  
[54] **METHOD FOR PRODUCING ENDS OF METAL OF COMPOSITE PIPE LENGTHS**  
[54] **PROCEDE DE PRODUCTION D'EXTREMITES METALLIQUES DE LONGUEURS DE TUYAUX COMPOSITES**  
[72] THULIN, DAG, FR  
[71] THULIN, DAG, FR  
[85] 2000-04-10  
[86] 1998-10-23 (PCT/SE98/01917)  
[87] 1999-05-06 (WO99/21696)  
[30] SE (9703895-4) 1997-10-24

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[13] A1

[51] **Int.Cl. 6A47J 43/042 6A47J 31/40**  
[25] EN  
[54] **FOOD BLENDING APPARATUS**  
[54] **MELANGEUR D'ALIMENTS**  
[72] MCGILL, SHANE ROBERT, GB  
[71] MCGILL, SHANE ROBERT, GB  
[85] 2000-04-10  
[86] 1998-10-27 (PCT/GB98/03193)  
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[25] EN  
[54] **GLOBAL ACCESS SYSTEM OF MULTI-MEDIA RELATED INFORMATION**  
[54] **SYSTEME D'ACCES GLOBAL A DES INFORMATIONS RELATIVES AUX MULTIMEDIA**  
[72] IIDA, TAKAHITO, JP  
[71] IIDA, TAKAHITO, JP  
[85] 2000-04-10  
[86] 1998-08-14 (PCT/JP98/03630)  
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[13] A1  
[51] **Int.Cl. 7H04J 3/16 7H04J 13/00**  
[25] EN  
[54] **DEVICE AND METHOD FOR MULTIPLEXING PHYSICAL CHANNEL IN CDMA COMMUNICATION SYSTEM**  
[54] **DISPOSITIF ET PROCEDE DE MULTIPLEXAGE D'UN CANAL PHYSIQUE DANS UN SYSTEME DE COMMUNICATION AMDC**  
[72] LEE, HYUN-SEOK, KR  
[72] CHANG, HOON, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 2000-04-10  
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[13] A1  
[51] **Int.Cl. 6C08K 5/3475 6C08L 75/02 6C08L 75/04 6C08K 5/132 6C08K 5/20**  
[25] EN  
[54] **AMIDE FUNCTIONAL ULTRAVIOLET LIGHT ABSORBERS FOR POLYURETHANES AND POLYUREAS**  
[54] **ABSORBEURS DE LUMIERE ULTRAVIOLETTE AMIDOFONCTIONNELS POUR POLYURETHANES ET POLYUREES**  
[72] BURNS, DAVID M., US  
[72] LASCH, JAMES E., US  
[72] OLSON, DAVID B., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[85] 2000-04-10  
[86] 1998-02-27 (PCT/US98/03834)  
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[13] A1  
[51] **Int.Cl. 6G01N 33/574**  
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[54] **DETERMINATION OF CELLULAR GROWTH ABNORMALITY**  
[54] **DETERMINATION D'ANOMALIES DE LA CROISSANCE CELLULAIRE**  
[72] WILLIAMS, GARETH HAYDN, GB  
[72] COLEMAN, NICHOLAS, GB  
[72] LASKEY, RONALD ALFRED, GB  
[71] CANCER RESEARCH CAMPAIGN TECHNOLOGY LIMITED, GB  
[85] 2000-04-10  
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[51] **Int.Cl. 6G06F 17/27**  
[25] EN  
[54] **AUTOMATICALLY RECOGNIZING THE DISCOURSE STRUCTURE OF A BODY OF TEXT**  
[54] **RECONNAISSANCE AUTOMATIQUE DE LA STRUCTURE DU DISCOURS DANS UN CORPS DE TEXTE**  
[72] CORSTON, SIMON, US  
[71] DE CAMPOS, MIGUEL CARDOSO, US  
[71] MICROSOFT CORPORATION, US  
[85] 2000-04-10  
[86] 1998-10-15 (PCT/US98/21770)  
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[13] A1  
[51] **Int.Cl. 6A61L 15/00 6C09J 7/02 6C09J 111/02 6C09J 7/04**  
[25] EN  
[54] **COHESIVE PRODUCTS**  
[54] **PRODUITS ADHESIFS**  
[72] TAYLOR, PAUL, US  
[71] ANDOVER COATED PRODUCTS, INC., US  
[85] 2000-04-10  
[86] 1998-10-30 (PCT/US98/23066)  
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[51] **Int.Cl. 6A61B 3/00**  
[25] EN  
[54] **LENS ARRANGEMENT FOR VITREORETINAL SURGERY**  
[54] **DISPOSITIF DE LENTILLES POUR CHIRURGIE VITREO-RETINIENNE**  
[72] VOLK, DONALD A., US  
[71] VOLK OPTICAL, INC., US  
[85] 2000-04-10  
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<p style="text-align: right;">[21] <b>2,305,898</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/00</b> [25] EN [54] <b>METHOD FOR MEASURING TISSUE MORPHOLOGY</b> [54] <b>PROCEDE POUR MESURER LA MORPHOLOGIE D'UN TISSU</b> [72] ITZKAN, IRVING, US [72] FELD, MICHAEL S., US [72] ZONIOS, GEORGE, US [72] BACKMAN, VADIM, US [72] PERELMAN, LEV T., US [71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US [85] 2000-04-10 [86] 1998-10-09 (PCT/US98/21450) [87] 1999-04-22 (WO99/18845) [30] US (08/948,734) 1997-10-10</p>	<p style="text-align: right;">[21] <b>2,305,903</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 9/00</b> [25] EN [54] <b>METHOD FOR MONITORING NITROGEN STATUS USING A MULTISPECTRAL IMAGING SYSTEM</b> [54] <b>PROCEDE DE SURVEILLANCE DE LA TENEUR EN AZOTE A L'AIDE D'UN SYSTEME D'IMAGERIE MULTISPECTRALE</b> [72] DICKSON, MONTE ANDRE, US [72] REID, JOHN F., US [72] HENDRICKSON, LARRY LEE, US [71] CASE CORPORATION, US [85] 2000-04-10 [86] 1998-10-09 (PCT/US98/21334) [87] 1999-04-22 (WO99/19824) [30] US (08/948,637) 1997-10-10</p>	<p style="text-align: right;">[21] <b>2,305,953</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63H 33/26</b> [25] EN [54] <b>INFANT TOY FOR DRAWING COLORED PICTURE</b> [54] <b>JOUET POUR JEUNE ENFANT PERMETTANT DE DESSINER DES IMAGES EN COULEUR</b> [72] YAMAZAKI, YOSHIRO, JP [71] TAKARA CO., LTD., JP [85] 2000-04-07 [86] 1998-09-10 (PCT/JP98/04082) [87] 1999-03-25 (WO99/13955) [30] JP (9-265165) 1997-09-12 [30] JP (9-8721) 1997-09-16</p>
<p style="text-align: right;">[21] <b>2,305,901</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/24 6G06F 17/21 6G06F 17/60</b> [25] EN [54] <b>DEVICE FOR THE GENERATION AND USE OF MULTI-LAYERED TEXT</b> [54] <b>DISPOSITIF PERMETTANT DE GENERER ET D'UTILISER UN TEXTE A MULTIPLES COUCHES</b> [72] SOBOL, IDAN, IL [71] MULTITEXT LTD., IL [85] 2000-04-10 [86] 1998-08-24 (PCT/IL98/00403) [87] 1999-04-22 (WO99/19813) [30] IL (121990) 1997-10-15 [30] IL (124579) 1998-05-21</p>	<p style="text-align: right;">[21] <b>2,305,904</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B41J 29/367 6B41J 31/09 6B41M 5/10</b> [25] EN [54] <b>MULTI-LAYER, FLEXIBLE TRANSFER TAPE</b> [54] <b>RUBAN TRANSFERT MULTICOUCHE SOUPLE</b> [72] BUCHHOLZ, MARTINA, DE [72] GIERSEMEHL, WOLFGANG, DE [72] WEISSMANN, KARL-HEINZ, DE [72] BAUERSACHS, WOLFGANG, DE [71] PRITT PRODUKTIONSGESELLSCHAFT MBH, DE [85] 2000-04-10 [86] 1998-09-29 (PCT/EP98/06172) [87] 1999-04-22 (WO99/19149) [30] DE (197 44 957.3) 1997-10-10</p>	<p style="text-align: right;">[21] <b>2,306,010</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61G 10/00 6A62B 31/00 6A61M 15/00 6A61M 15/02 6A61M 16/10</b> [25] EN [54] <b>APPARATUS FOR THE APPLICATION OF OZONE/OXYGEN FOR THE TREATMENT OF EXTERNAL PATHOGENIC CONDITIONS</b> [54] <b>APPAREIL D'APPLICATION D'OZONE/OXYGENE POUR LE TRAITEMENT DE CONDITIONS PATHOGENES EXTERNES</b> [72] SUNNEN, GERARD V., US [71] MEDIZONE INTERNATIONAL, INC., US [85] 2000-03-29 [86] 1999-07-30 (PCT/US99/17286) [87] 2000-02-10 (WO00/06074) [30] US (09/126,504) 1998-07-30</p>



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<p style="text-align: right;">[21] <b>2,306,013</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04J 3/06</b> [25] EN [54] <b>METHOD FOR CAUSAL ORDERING IN A DISTRIBUTED NETWORK</b> [54] <b>TECHNIQUE D'ORDONNANCEMENT CAUSAL DANS UN RESEAU DISTRIBUE</b> [72] KOCH, RUPPERT ROLF, US [71] NORTEL NETWORKS CORPORATION, CA [85] 2000-03-29 [86] 1998-09-21 (PCT/CA98/00886) [87] 1999-04-08 (WO99/17478) [30] US (08/940,412) 1997-09-30</p>	<p style="text-align: right;">[21] <b>2,306,024</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/00</b> [25] EN [54] <b>BUCCAL, POLAR AND NON-POLAR SPRAY OR CAPSULE</b> [54] <b>PULVERISATION OU CAPSULE BUCCALE, POLAIRE ET NON POLAIRE</b> [72] DUGGER, HARRY A., US [71] FLEMINGTON PHARMACEUTICAL CORPORATION, US [85] 2000-03-29 [86] 1997-10-01 (PCT/US97/17899) [87] 1999-04-08 (WO99/16417)</p>	<p style="text-align: right;">[21] <b>2,306,030</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 1/28 6G02B 21/06 6G02B 21/32</b> [25] EN [54] <b>CONSUMABLE FOR LASER CAPTURE MICRODISSECTION</b> [54] <b>FILM DE TRANSFERT POUR MICRODISSECTION PAR CAPTURE LASER</b> [72] HEAD, DAVID F., US [72] BAER, THOMAS M., US [72] TOEPPEN, JOHN, US [71] ARCTURUS ENGINEERING, INC., US [85] 2000-03-29 [86] 1998-09-30 (PCT/US98/20340) [87] 1999-04-08 (WO99/17094) [30] US (60/060,732) 1997-10-01 [30] US (08/984,979) 1997-12-04 [30] US (08/984,983) 1997-12-04</p>
<p style="text-align: right;">[21] <b>2,306,017</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 19/00 6G06F 9/44</b> [25] EN [54] <b>SYSTEM FOR PROVIDING RECOMMENDATIONS TO PHYSICIANS AND FOR MANAGING HEALTH CARE DATA</b> [54] <b>SYSTEME VISANT A FOURNIR DES RECOMMANDATIONS AUX MEDECINS ET A GERER DES DONNEES SUR LES SOINS DE SANTE</b> [72] GRAHAM, KEVIN J., US [72] LESSER, JOHN R., US [71] PROMEDICUS SYSTEMS, INC., US [85] 2000-03-29 [86] 1998-06-19 (PCT/US98/12849) [87] 1998-12-23 (WO98/58338) [30] US (60/050,978) 1997-06-19 [30] US (08/906,799) 1997-08-06</p>	<p style="text-align: right;">[21] <b>2,306,026</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 405/14 6A61K 31/495</b> [25] EN [54] <b>BENZOFURAN DERIVATIVES</b> [54] <b>DERIVES DE BENZOFURANNE</b> [72] OHSHIMA, ETSUO, JP [72] MASUZAKI, TOHRU, JP [72] MANABE, HARUHIKO, JP [71] KYOWA HAKKO KOGYO CO., LTD., JP [85] 2000-03-29 [86] 1998-10-01 (PCT/JP98/04430) [87] 1999-04-08 (WO99/16768) [30] JP (268399/97) 1997-10-01 [30] JP (25364/98) 1998-02-06 [30] JP (145220/98) 1998-05-27 [30] JP (146738/98) 1998-05-28</p>	<p style="text-align: right;">[21] <b>2,306,032</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 9/30</b> [25] EN [54] <b>SYSTEM AND METHOD FOR DETECTION, IDENTIFICATION AND MONITORING OF SUBMICRON-SIZED PARTICLES</b> [54] <b>SYSTEME ET PROCEDE DE DETECTION, IDENTIFICATION ET SURVEILLANCE DE PARTICULES DE TAILLE INFERIEURE AU MICRON</b> [72] ANDERSON, DAVID M., US [72] WICK, CHARLES H., US [71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE ARM, US [85] 2000-03-29 [86] 1998-05-26 (PCT/US98/10609) [87] 1999-04-08 (WO99/17096) [30] US (08/941,990) 1997-10-01</p>
<p style="text-align: right;">[21] <b>2,306,021</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 13/38 6H04L 29/06</b> [25] EN [54] <b>INTEGRATED COMMUNICATIONS ARCHITECTURE ON A MOBILE DEVICE</b> [54] <b>ARCHITECTURE DE COMMUNICATIONS INTEGREE A UN DISPOSITIF MOBILE</b> [72] HOU, STEPHEN, US [72] FLANAGIN, STEVE, US [72] HU, GEORGE, US [72] VED, HARESH G., US [71] MICROSOFT CORPORATION, US [85] 2000-03-29 [86] 1998-10-23 (PCT/US98/22456) [87] 1999-05-06 (WO99/22304) [30] US (60/063,164) 1997-10-24 [30] US (60/064,986) 1997-11-07 [30] US (09/058,685) 1998-04-10</p>	<p style="text-align: right;">[21] <b>2,306,028</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 71/26 6B01D 19/00 6B01D 71/28 6B01D 71/32 6B01D 71/34</b> [25] EN [54] <b>COMPOSITE HOLLOW FIBER MEMBRANE</b> [54] <b>MODULE COMPOSITE A FIBRES CREUSES</b> [72] FUKUSHIMA, NORIAKI, JP [72] UENISHI, MASAMOTO, JP [71] MITSUBISHI RAYON CO., LTD., JP [85] 2000-03-29 [86] 1998-10-02 (PCT/JP98/04466) [87] 1999-04-15 (WO99/17866) [30] JP (9-284297) 1997-10-02</p>	

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<p style="text-align: right;">[21] <b>2,306,036</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63B 59/06</b> [25] EN [54] <b>BAT FOR BASEBALL OR SOFTBALL</b> [54] <b>BATON DE BASEBALL OU DE SOFTBALL</b> [72] ISHIDA, KAZUYA, JP [72] MISONO, KAZUNORI, JP [72] KIDA, TOSHIKI, JP [72] OKUYAMA, MASAOKI, JP [71] MIZUNO CORPORATION, JP [85] 2000-02-29 [86] 1999-07-09 (PCT/JP99/03723) [87] 2000-04-27 (WO00/23151) [30] JP (10-316947) 1998-10-19</p>	<p style="text-align: right;">[21] <b>2,306,044</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 17/10 6G02B 5/00 6G03C 7/00 6G02F 1/00 6H01L 21/00 6C03C 27/12</b> [25] EN [54] <b>USE OF GLASS LAMINATE AS A SUBSTRATE IN SEMICONDUCTOR DEVICES</b> [54] <b>UTILISATION D'UN FEUILLE DE VERRE EN TANT QUE SUBSTRAT DANS DES DISPOSITIFS SEMI-CONDUCTEURS</b> [72] VERLINDEN, BARTHOLOMEUS, BE [72] TAHON, JEAN-PIERRE, BE [72] GOEDEWEECK, RUDI, BE [71] AGFA-GEVAERT NAAMLOZE VENNOOTSCHAP, BE [85] 2000-03-29 [86] 1998-10-07 (PCT/EP98/06455) [87] 1999-05-06 (WO99/21708) [30] EP (97203312.0) 1997-10-24 [30] WO (PCT/EP98/05748) 1998-09-09</p>	<p style="text-align: right;">[21] <b>2,306,049</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08L 21/00 6C08L 79/08</b> [25] EN [54] <b>MIXTURES OF POLYIMIDES AND ELASTOMERS</b> [54] <b>MELANGES DE POLYIMIDES ET D'ELASTOMERES</b> [72] MCNAMARA, JAMES FRANCIS, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 2000-03-29 [86] 1998-06-22 (PCT/US98/12914) [87] 1999-01-07 (WO99/00453) [30] US (08/883,464) 1997-06-26</p>
<p style="text-align: right;">[21] <b>2,306,038</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 81/26 6C08L 77/00 6C08G 69/02 6C08K 5/098</b> [25] EN [54] <b>COPOLYAMIDE ACTIVE-PASSIVE OXYGEN BARRIER RESINS</b> [54] <b>RESINES DE COPOLYAMIDES BARRIERES ACTIVES-PASSIVES CONTRE L'OXYGENE</b> [72] WASS, RAYMOND V., US [72] CAHILL, PAUL J., US [72] RICHARDSON, JOEL ALBERT, US [71] BP AMOCO CORPORATION, US [85] 2000-03-08 [86] 1998-02-17 (PCT/US98/02991) [87] 1999-04-01 (WO99/15432) [30] WO (PCT/US97/16712) 1997-09-22</p>	<p style="text-align: right;">[21] <b>2,306,046</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E04C 3/12 6E04C 3/20</b> [25] EN [54] <b>TRUSS WITH TRIMMABLE ENDS AND METAL WEB CONNECTORS</b> [54] <b>FERME PRESENTANT DES EXTREMITES POUVANT ETRE COUPEES ET CONNECTEURS METALLIQUES DE MEMBRURES</b> [72] GIBBS, ROGER J., US [72] SCOTT, DONALD L., US [71] SPACE JOIST TE, LLC, US [85] 2000-03-29 [86] 1998-09-25 (PCT/US98/19961) [87] 1999-04-15 (WO99/18304) [30] US (08/942,644) 1997-10-02</p>	<p style="text-align: right;">[21] <b>2,306,053</b> [13] A1</p> <p>[51] <b>Int.Cl. 7C12N 15/83 7A01H 4/00 7C12N 5/10 7C12N 15/63 7C12N 15/84</b> [25] EN [54] <b>MOBILIZATION OF VIRAL GENOMES FROM T-DNA USING SITE-SPECIFIC RECOMBINATION SYSTEMS</b> [54] <b>TRANSFERT DE GENOMES VIRAUX PROVENANT DE L'ADN-T AU MOYEN DE SYSTEMES DE RECOMBINAISON SPECIFIQUES DE SITES</b> [72] GUAN, XUENI, US [72] GORDON-KAMM, WILLIAM J., US [72] LYZNIK, LESZEK ALEXANDER, US [72] BASZCZYNSKI, CHRISTOPHER L., US [71] PIONEER HI-BRED INTERNATIONAL, INC., US [85] 2000-05-17 [86] 1998-11-16 (PCT/US98/24486) [87] 1999-05-27 (WO99/25855) [30] US (60/065,627) 1997-11-18 [30] US (60/065,613) 1997-11-18 [30] US (60/099,461) 1998-09-08</p>
<p style="text-align: right;">[21] <b>2,306,043</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B61F 1/10 6B61D 15/06</b> [25] EN [54] <b>FRONT SECTION OF A RAILWAY CAR</b> [54] <b>AVANT-CORPS DE VEHICULE FERROVIAIRE</b> [72] MALKOVSKY, ZDENEK, CZ [71] ABB DAIMLER-BENZ TRANSPORTATION (TECHNOLOGY) GMBH, DE [85] 2000-03-29 [86] 1998-09-29 (PCT/EP98/06175) [87] 1999-04-08 (WO99/16652) [30] CZ (PV 3085-97) 1997-09-30</p>	<p style="text-align: right;">[21] <b>2,306,047</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F16L 33/00</b> [25] EN [54] <b>IMPROVED COMPOSITE DRILL PIPE</b> [54] <b>TIGE DE FORAGE COMPOSITE AMELIOREE</b> [72] WOLTERMAN, DANIEL J., US [71] SPYROTECH CORPORATION, US [85] 2000-03-29 [86] 1998-09-30 (PCT/US98/20595) [87] 1999-04-08 (WO99/17045) [30] US (08/941,237) 1997-09-30</p>	

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<p style="text-align: right;">[21] <b>2,306,074</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H02M 1/12</b> [25] EN [54] <b>PULSE-CONTROLLED INVERTER WITH VARIABLE OPERATING SEQUENCE AND WIND POWER PLANT HAVING SUCH AN INVERTER</b> [54] <b>CONVERTISSEUR D'IMPULSIONS EN DUREE A FREQUENCE DE FONCTIONNEMENT VARIABLE ET EOLIENNE COMPORTANT LEDIT CONVERTISSEUR</b> [72] WOBLEN, ALOYS, DE [71] WOBLEN, ALOYS, DE [85] 2000-04-07 [86] 1998-10-16 (PCT/EP98/06570) [87] 1999-05-14 (WO99/23745) [30] DE (19748479.4) 1997-11-03</p>	<p style="text-align: right;">[21] <b>2,306,079</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65B 1/36</b> [25] EN [54] <b>POWDER FILLING APPARATUS AND METHOD</b> [54] <b>APPAREIL ET PROCEDE DE REMPLISSAGE POUR POUVRE</b> [72] PARKS, DERRICK J., US [72] PHAM, XUYEN, US [72] ROCCHIO, MICHAEL J., US [72] NAYDO, KYLE A., US [72] STOUT, GORDON, US [72] REICH, PATRICK, US [71] INHALE THERAPEUTIC SYSTEMS, US [85] 2000-04-07 [86] 1998-10-06 (PCT/US98/21059) [87] 1999-04-22 (WO99/19215) [30] US (08/949,047) 1997-10-10</p>	<p style="text-align: right;">[21] <b>2,306,085</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/70 6C07H 21/02 6A61K 47/48</b> [25] EN [54] <b>INTRA-CANCER-CELL NUCLEASE ACTIVATOR</b> [54] <b>ACTIVATEUR DE NUCLEASE DE CELLULES INTRACANCEREUSES</b> [72] HIRABAYASHI, KAZUKO, JP [72] SEKI, JUNZO, JP [71] NIPPON SHINYAKU CO., LTD., JP [85] 2000-04-10 [86] 1998-10-15 (PCT/JP98/04695) [87] 1999-04-29 (WO99/20283) [30] JP (9/283968) 1997-10-16</p>
<p style="text-align: right;">[21] <b>2,306,076</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07F 9/32 6A61K 31/66</b> [25] EN [54] <b>COMBINED GENERATION OF PHOSPHINIC ACID DERIVATIVES</b> [54] <b>PRODUCTION COMBINEE DE DERIVES D'ACIDE PHOSPHINIQUE</b> [72] HAAF, KLAUS, DE [72] PATEK, MARCEL, US [71] AVENTIS CROPS SCIENCE GMBH, DE [85] 2000-04-07 [86] 1998-09-29 (PCT/EP98/06162) [87] 1999-04-22 (WO99/19332) [30] US (60/061,619) 1997-10-09 [30] DE (197 45 628.6) 1997-10-10</p>	<p style="text-align: right;">[21] <b>2,306,080</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07F 9/38 6C07F 9/40 6C07F 9/44 6A61K 31/66</b> [25] EN [54] <b>NOVEL METHYLENEBISPHOSPHONIC ACID DERIVATIVES</b> [54] <b>NOUVEAUX DERIVES D'ACIDE METHYLENEBISPHOSPHONIQUE</b> [72] POHJALA, ESKO, FI [72] NUPPONEN, HEIKKI, FI [72] VEPSALAINEN, JOUKO, FI [72] KAHKONEN, JOUNI, FI [72] LAUREN, LEENA, FI [72] HANNUNIEMI, RITVA, FI [72] JARVINEN, TOMI, FI [72] AHLMARK, MARKO, FI [71] LEIRAS OY, FI [85] 2000-04-07 [86] 1998-10-20 (PCT/FI98/00814) [87] 1999-04-29 (WO99/20634) [30] FI (974001) 1997-10-20</p>	<p style="text-align: right;">[21] <b>2,306,086</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/00 6A61K 31/425 6A61K 31/44</b> [25] EN [54] <b>USE OF THIAZOLIDINEDIONES FOR THE TREATMENT OF HYPERGLYCAEMIA</b> [54] <b>UTILISATION DE THIAZOLIDINEDIONES POUR LE TRAITEMENT DE L'HYPERGLYCEMIE</b> [72] SMITH, STEPHEN ALISTAIR, GB [72] BUCKINGHAM, ROBERT EDWIN, GB [71] SMITHKLINE BEECHAM P.L.C., GB [85] 2000-04-10 [86] 1998-10-12 (PCT/GB98/03064) [87] 1999-04-22 (WO99/18943) [30] GB (9721693.1) 1997-10-13</p>
<p style="text-align: right;">[21] <b>2,306,077</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/505 6C07D 215/02 6C07D 217/02 6C07D 237/02 6C07D 239/02 6C07D 251/02 6C07D 213/04 6C07D 243/34 6A61K 31/44 6A61K 31/47 6A61K 31/50 6A61K 31/53</b> [25] EN [54] <b>NOVEL CYCLOALKENYL SUBSTITUTED COMPOUNDS</b> [54] <b>NOUVEAUX COMPOSES SUBSTITUES DE CYCLOALCENYLE</b> [72] ADAMS, JERRY L., US [72] GARIGIPATI, RAVI SHANKER, US [71] SMITHKLINE BEECHAM CORPORATION, US [85] 2000-04-07 [86] 1998-10-08 (PCT/US98/21189) [87] 1999-04-15 (WO99/17776) [30] US (60/061,351) 1997-10-08</p>	<p style="text-align: right;">[21] <b>2,306,088</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F27B 9/16 6F27D 3/00</b> [25] EN [54] <b>CHARGING APPARATUS FOR A ROTARY HEARTH FURNACE</b> [54] <b>APPAREIL DE CHARGEMENT POUR FOUR A SOLE ROTATIF</b> [72] MOLNAR, DANIEL A., US [72] RINKER, FRANKLIN G., US [72] HOWE, JAMES, US [72] PORTER, CARL L., US [71] MAUMEE RESEARCH &amp; ENGINEERING, INCORPORATED, US [85] 2000-04-13 [86] 1998-08-14 (PCT/US98/16968) [87] 1999-04-22 (WO99/19681) [30] US (08/949,572) 1997-10-14</p>	

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[21] **2,306,111**  
[13] A1

[51] **Int.Cl. 6H04B 1/38 6H04L 27/01 6H04L 5/16 6H04B 10/18**  
[25] EN  
[54] **PCM MODEM EQUALIZER WITH ADAPTIVE COMPENSATION FOR ROBBED BIT SIGNALLING**  
[54] **EGALISEUR DE MODEM MIC A COMPENSATION ADAPTATIVE DE SIGNALISATION PAR REASSIGNATION D'ELEMENT BINAIRE**  
[72] GOLDSTEIN, YURI, US  
[72] MAIZENBERG, VAL, US  
[72] HANNA, WILLIAM, US  
[71] PC-TEL, INC., US  
[85] 2000-04-10  
[86] 1998-10-14 (PCT/US98/21658)  
[87] 1999-04-29 (WO99/21288)  
[30] US (08/955,756) 1997-10-22

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[21] **2,306,112**  
[13] A1

[51] **Int.Cl. 6G11B 27/031 6G11B 27/038**  
[25] EN  
[54] **FRAME-BASED AUDIO CODING WITH VIDEO/AUDIO DATA SYNCHRONIZATION BY AUDIO SAMPLE RATE CONVERSION**  
[54] **CODAGE AUDIO SUR LA BASE DE TRAMES AVEC UNE SYNCHRONISATION DE DONNEES VIDEO/AUDIO AU MOYEN D'UNE CONVERSION DE FREQUENCES ECHANTILLONS AUDIO**  
[72] TODD, CRAIG CAMPBELL, US  
[72] FIELDER, LOUIS DUNN, US  
[71] DOLBY LABORATORIES LICENSING CORPORATION, US  
[85] 2000-04-10  
[86] 1998-10-15 (PCT/US98/21764)  
[87] 1999-04-29 (WO99/21189)  
[30] US (08/953,306) 1997-10-17

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[21] **2,306,113**  
[13] A1

[51] **Int.Cl. 6G11B 20/10 6H03H 17/02 6G10L 7/04 6H04B 1/66**  
[25] EN  
[54] **FRAME-BASED AUDIO CODING WITH ADDITIONAL FILTERBANK TO SUPPRESS ALIASING ARTIFACTS AT FRAME BOUNDARIES**  
[54] **CODAGE AUDIO ORIENTE TRAMES AVEC BANC DE FILTRES SUPPLEMENTAIRE PERMETTANT DE SUPPRIMER LES ARTEFACTS DE REPLIEMENT DU SPECTRE AUX LIMITES DES TRAMES**  
[72] FIELDER, LOUIS DUNN, US  
[71] DOLBY LABORATORIES LICENSING CORPORATION, US  
[85] 2000-04-10  
[86] 1998-10-01 (PCT/US98/20751)  
[87] 1999-04-29 (WO99/21185)  
[30] US (08/953,121) 1997-10-17

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[21] **2,306,116**  
[13] A1

[51] **Int.Cl. 6A61C 5/04**  
[25] EN  
[54] **ENDODONTIC DEVICE AND METHOD FOR APPLYING FILLER MATERIAL TO ROOT CANALS**  
[54] **DISPOSITIF ENDODONTIQUE ET PROCEDE D'APPLICATION DE MATIERES D'OBTURATION CANALAIRE**  
[72] KERT, JIMMIE, DK  
[71] KERT, JIMMIE, DK  
[85] 2000-04-12  
[86] 1998-10-29 (PCT/DK98/00470)  
[87] 1999-05-14 (WO99/22665)  
[30] US (08/962,172) 1997-10-31

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[21] **2,306,117**  
[13] A1

[51] **Int.Cl. 6C09D 4/00 6B29D 9/00 6B32B 9/04**  
[25] EN  
[54] **CURABLE TOPCOAT COMPOSITION AND METHODS FOR USE**  
[54] **COMPOSITION DE COUCHE DE FINITION DURCISSABLE ET PROCEDES D'UTILISATION**  
[72] VAIDYA, UTPAL R., US  
[72] SELLS, ROBERT, US  
[72] SHVARTSMAN, FELIX P., US  
[72] BAAB, BRYAN L., US  
[71] DATACARD CORPORATION, US  
[85] 2000-04-10  
[86] 1998-10-20 (PCT/US98/22139)  
[87] 1999-05-27 (WO99/25775)  
[30] US (08/970,572) 1997-11-14

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[21] **2,306,118**  
[13] A1

[51] **Int.Cl. 6G06F 9/00**  
[25] EN  
[54] **COMBINING MULTIPLE CLASS FILES INTO RUN-TIME IMAGE**  
[54] **COMBINAISON DE FICHIERS DE CLASSES MULTIPLES EN IMAGE EXECUTEE**  
[72] SAUNTRY, DAVID M., US  
[72] MARKLEY, MICHAEL E., US  
[71] MICROSOFT CORPORATION, US  
[85] 2000-04-10  
[86] 1998-12-16 (PCT/US98/26753)  
[87] 1999-06-24 (WO99/31576)  
[30] US (08/991,500) 1997-12-16

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[21] **2,306,119**  
[13] A1  
[51] **Int.Cl. 6C07D 213/64 6A01N 43/40**  
[25] EN  
[54] **SUBSTITUTED 2-(2'-PYRIDYLOXY)PHENYL ACETAMIDES AS FUNGICIDES AND PESTICIDES**  
[54] **2-(2'-PYRIDYLOXY)PHENYLACETYLAMIDES SUBSTITUES UTILISES COMME FONGICIDES ET PESTICIDES**  
[72] LORENZ, GISELA, DE  
[72] PTOCK, ARNE, DE  
[72] STRATHMANN, SIEGFRIED, DE  
[72] MULLER, BERND, DE  
[72] GRAMMENOS, WASSILIOS, DE  
[72] OBERDORF, KLAUS, DE  
[72] GYPSER, ANDREAS, DE  
[72] SAUTER, HUBERT, DE  
[72] HAMPRECHT, GERHARD, DE  
[72] GEWEHR, MARKUS, DE  
[72] BAYER, HERBERT, DE  
[72] GROTE, THOMAS, DE  
[72] ROHL, FRANZ, DE  
[72] GOTZ, NORBERT, DE  
[72] AMMERMANN, EBERHARD, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2000-04-13  
[86] 1998-10-21 (PCT/EP98/06683)  
[87] 1999-05-06 (WO99/21833)  
[30] DE (19747788.7) 1997-10-29

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[21] **2,306,121**  
[13] A1  
[51] **Int.Cl. 6B62B 1/06**  
[25] EN  
[54] **IMPROVEMENTS TO A CARRIAGE FOR A CONSTRUCTION PANEL**  
[54] **AMELIORATIONS APORTEES A UN TABLIER POUR PANNEAUX DE CONSTRUCTION**  
[72] ECHTERNACHT, JAMES E., US  
[71] ECHTERNACHT, JAMES E., US  
[85] 2000-04-13  
[86] 1999-08-13 (PCT/US99/16714)  
[87] 2000-02-24 (WO00/09381)  
[30] US (60/096,644) 1998-08-14  
[30] US (09/371,121) 1999-08-10

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[21] **2,306,122**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/22 6H04L 29/12 6H04L 12/28**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PREVENTING MISROUTING OF DATA IN A RADIO COMMUNICATION SYSTEM**  
[54] **PROCEDE ET APPAREIL PERMETTANT D'EVITER L'ACHEMINEMENT ERRONE DES DONNEES DANS UN SYSTEME DE RADIOCOMMUNICATIONS**  
[72] KARLSSON, PATRIK TORGNY, SE  
[72] ANDERSSON, SVEN DICK, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 2000-04-13  
[86] 1998-10-09 (PCT/SE98/01823)  
[87] 1999-04-29 (WO99/21379)  
[30] US (08/951,966) 1997-10-16

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[21] **2,306,124**  
[13] A1  
[51] **Int.Cl. 6G01R 33/28 6A61B 5/055**  
[25] EN  
[54] **MR IMAGING METHOD AND MEDICAL DEVICE FOR USE IN METHOD**  
[54] **PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE ET DISPOSITIF MEDICAL A UTILISER CONJOINTEMENT AVEC LEDIT PROCEDE**  
[72] MELZER, ANDREAS, DE  
[72] BUSCH, MARTIN, DE  
[71] MELZER, ANDREAS, DE  
[71] BUSCH, MARTIN, DE  
[85] 2000-04-13  
[86] 1998-10-13 (PCT/DE98/03046)  
[87] 1999-04-22 (WO99/19739)  
[30] DE (197 46 735.0) 1997-10-13

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[21] **2,306,126**  
[13] A1  
[51] **Int.Cl. 7B81B 1/00 7G01N 35/00**  
[25] EN  
[54] **LAMINATE MICROSTRUCTURE DEVICE AND METHOD FOR MAKING SAME**  
[54] **DISPOSITIF A MICROSTRUCTURE STRATIFIEE ET PROCEDE DE FABRICATION DE CE DISPOSITIF**  
[72] SHEA, LAURENCE, R., US  
[72] BJORNSON, TORLEIF OVE, US  
[71] ACLARA BIOSCIENCES, INC., US  
[85] 2000-04-13  
[86] 1998-10-15 (PCT/US98/21869)  
[87] 1999-04-22 (WO99/19717)  
[30] US (08/950,403) 1997-10-15

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[21] **2,306,127**  
[13] A1  
[51] **Int.Cl. 6A61L 2/18 6G02C 13/00**  
[25] EN  
[54] **TREATMENT OF CONTACT LENSES WITH AQUEOUS SOLUTION COMPRISING AN ALKALI CARBONATE**  
[54] **TRAITEMENT DE LENTILLES DE CONTACT A L'AIDE D'UNE SOLUTION AQUEUSE COMPRENANT UN CARBONATE ALCALIN**  
[72] XIA, ERNING, US  
[72] DENICK, JOHN JR., US  
[72] SIMPSON, LISA C., US  
[71] BAUSCH & LOMB INCORPORATED, US  
[85] 2000-04-13  
[86] 1998-11-09 (PCT/US98/23854)  
[87] 1999-09-02 (WO99/43363)  
[30] US (60/065,511) 1997-11-12

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,306,129</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 41/00</b> [25] EN [54] <b>PREPARATION OF ISOFLURANE BY REACTION OF 2,2,2-TRIFLUOROETHYL DIFLUOROMETHYL ETHER AND CHLORINE IN ADDED WATER, AT LOW TEMPERATURES AND/OR AT HIGHER CONVERSIONS</b> [54] <b>PREPARATION D'ISOFLURANE PAR REACTION DE 2,2,2-TRIFLUOROETHYLE DIFLUOROMETHYLE ETHER ET DE CHLORE DANS DE L'EAU AJOUTEE A BASSES TEMPERATURES ET/OU A DES CONVERSIONS SUPERIEURES</b> [72] ELLIOTT, ARTHUR J., US [72] SPRAGUE, LEE G., JR., US [72] O'DONNELL, WILLIAM J., US [72] MAZZELL, PAUL JR., US [71] HALOCARBON PRODUCTS CORPORATION, US [85] 2000-04-13 [86] 1998-10-15 (PCT/US98/21997) [87] 1999-04-29 (WO99/20588) [30] US (60/062,284) 1997-10-17</p>	<p style="text-align: right;">[21] <b>2,306,133</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C10G 33/04 6C10G 21/00 6C10G 53/04</b> [25] EN [54] <b>PROCESS FOR UPGRADING HEAVY CRUDE OIL PRODUCTION</b> [54] <b>PROCEDE PERMETTANT D'AMELIORER LA PRODUCTION DE PETROLE BRUT LOURD</b> [72] PINKERTON, JOHN W., US [72] OHSOL, ERNEST O., US [72] LAITY, THOMAS H., US [72] GILLESPIE, THOMAS E., US [71] UNIPURE CORPORATION, US [85] 2000-04-13 [86] 1998-10-08 (PCT/US98/21263) [87] 1999-04-22 (WO99/19425) [30] US (08/950,482) 1997-10-15</p>	<p style="text-align: right;">[21] <b>2,306,139</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G07F 7/10</b> [25] EN [54] <b>PERSONALIZATION OF SMART CARDS</b> [54] <b>PERSONNALISATION DE CARTES A PUCE</b> [72] LEE, ALSON, US [72] GORDEN, MARY L., US [71] VISA INTERNATIONAL SERVICE ASSOCIATION, US [85] 2000-04-13 [86] 1998-10-13 (PCT/US98/21575) [87] 1999-04-22 (WO99/19846) [30] US (60/061,918) 1997-10-14</p>
<p style="text-align: right;">[21] <b>2,306,132</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01C 1/00 6B07B 13/00</b> [25] EN [54] <b>METHOD OF SORTING AND CATEGORIZING SEED</b> [54] <b>PROCEDE DE TRI ET DE CATEGORISATION DE GRAINES</b> [72] MAILLOUX, LOUIS, US [71] PIONEER HI-BRED INTERNATIONAL, INC., US [85] 2000-04-14 [86] 1998-10-30 (PCT/IB98/01736) [87] 1999-05-14 (WO99/22579) [30] US (60/063,861) 1997-10-31</p>	<p style="text-align: right;">[21] <b>2,306,135</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/15 6A61F 13/56</b> [25] EN [54] <b>ABSORBENT ARTICLE INCORPORATING ADHESIVE THAT LOSES CONTROLLED AMOUNT OF STRENGTH OVER TIME</b> [54] <b>ARTICLE ABSORBANT COMPRENANT UN ADHESIF QUI PERD AVEC LE TEMPS UNE QUANTITE CONTROLEE DE SON POUVOIR ADHESIF</b> [72] WEINBERGER, ERIC PATTON, US [72] COE, RICHARD GEORGE, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-04-13 [86] 1998-11-02 (PCT/US98/23273) [87] 1999-05-14 (WO99/22687) [30] US (08/961,960) 1997-10-31</p>	<p style="text-align: right;">[21] <b>2,306,140</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01S 3/04 6H01S 3/19 6H01L 21/20</b> [25] EN [54] <b>LASER DIODE ASSEMBLY</b> [54] <b>ASSEMBLAGE DE DIODES DANS UN LASER</b> [72] JACOB, JON B., US [72] HODEN, BRIAN P., US [71] DECADE PRODUCTS, INC., US [85] 2000-04-13 [86] 1998-10-14 (PCT/US98/21732) [87] 1999-04-22 (WO99/19948) [30] US (60/062,106) 1997-10-14 [30] US (09/170,491) 1998-10-13</p>
<p style="text-align: right;">[21] <b>2,306,136</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 43/20</b> [25] EN [54] <b>A CLOSING DEVICE</b> [54] <b>DISPOSITIF DE FERMETURE</b> [72] MENIF, RACHED, DE [72] HILL, SIMON DAVID JULIAN, DE [72] BAUER, RAINER RICHARD, DE [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 2000-04-13 [86] 1998-10-19 (PCT/IB98/01631) [87] 1999-05-14 (WO99/23003) [30] EP (97119044.2) 1997-10-31 [30] EP (98870059.7) 1998-03-27</p>	<p style="text-align: right;">[21] <b>2,306,141</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G05B 23/02</b> [25] EN [54] <b>METHOD AND DEVICE FOR VERIFYING THE WORKABILITY OF A SAFETY DEVICE</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT DE VERIFIER LA CAPACITE DE FONCTIONNEMENT D'UN DISPOSITIF DE SECURITE</b> [72] WINCHCOMB, JOHN, GB [72] HOGSTROM, KARL-KRISTIAN, FI [71] NELES CONTROLS OY, FI [85] 2000-04-13 [86] 1998-10-07 (PCT/FI98/00784) [87] 1999-04-29 (WO99/21066) [30] FI (973990) 1997-10-17</p>	<p style="text-align: right;">[21] <b>2,306,141</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G05B 23/02</b> [25] EN [54] <b>METHOD AND DEVICE FOR VERIFYING THE WORKABILITY OF A SAFETY DEVICE</b> [54] <b>PROCEDE ET DISPOSITIF PERMETTANT DE VERIFIER LA CAPACITE DE FONCTIONNEMENT D'UN DISPOSITIF DE SECURITE</b> [72] WINCHCOMB, JOHN, GB [72] HOGSTROM, KARL-KRISTIAN, FI [71] NELES CONTROLS OY, FI [85] 2000-04-13 [86] 1998-10-07 (PCT/FI98/00784) [87] 1999-04-29 (WO99/21066) [30] FI (973990) 1997-10-17</p>

## PCT Applications Entering the National Phase

[21] **2,306,144**  
[13] A1

[51] **Int.Cl. 6C08K 3/04 6C08G 59/00 6C08K 5/00 6C08K 11/00 6H01M 4/00**  
[25] EN  
[54] **CONDUCTIVE THERMOSET MOLDING COMPOSITION AND METHOD FOR PRODUCING SAME**  
[54] **COMPOSITE THERMODURCISSABLE MOULABLE ET SON PROCEDE D'OBTENTION**  
[72] CHOATE, MARTIN, US  
[72] HALBRITTER, ALLEN, US  
[72] PETERSON, ROBERT, US  
[72] WEISPFENNING, JON, US  
[72] ALMEN, GREGORY, US  
[71] CYTEC TECHNOLOGY CORP., US  
[85] 2000-04-13  
[86] 1998-10-14 (PCT/US98/21748)  
[87] 1999-04-22 (WO99/19389)  
[30] US (60/061,920) 1997-10-14

[21] **2,306,146**  
[13] A1

[51] **Int.Cl. 6C08J 7/04 6A61L 17/00**  
[25] EN  
[54] **LOW FRICTION HYDROPHILIC SURFACES**  
[54] **SURFACES HYDROPHILES A FAIBLE COEFFICIENT DE FROTTEMENT**  
[72] SOVAK, MILOS, US  
[71] BIOPHYSICA, INC., US  
[85] 2000-04-13  
[86] 1999-05-18 (PCT/US99/11085)  
[87] 1999-11-25 (WO99/60051)  
[30] US (09/081,527) 1998-05-19

[21] **2,306,148**  
[13] A1

[51] **Int.Cl. 6C08L 27/06 6C08J 9/04 6C08F 265/06**  
[25] EN  
[54] **PROCESSING AID FOR VINYL CHLORIDE RESIN AND VINYL CHLORIDE RESIN COMPOSITION CONTAINING THE SAME**  
[54] **AUXILIAIRE DE TRANSFORMATION POUR RESINE DE CHLORURE DE VINYLE, ET COMPOSITION DE RESINE DE CHLORURE DE VINYLE RENFERMANT LEDIT AUXILIAIRE**  
[72] TAKAKI, AKIRA, JP  
[72] MIKI, YASUHIRO, JP  
[72] SAKASHITA, NORIKO, JP  
[71] KANEKA CORPORATION, JP  
[85] 2000-04-13  
[86] 1999-08-24 (PCT/JP99/04537)  
[87] 2000-03-09 (WO00/12621)  
[30] JP (243343/1998) 1998-08-28

[21] **2,306,151**  
[13] A1

[51] **Int.Cl. 6F41C 3/14 6F41A 15/20**  
[25] EN  
[54] **MULTIPLE SHOT, BULLET DISCHARGING WEAPONS**  
[54] **ARMES A BALLES AUTOMATIQUES**  
[72] MASCETTI, HUGH PETER, GB  
[71] MASCETTI, HUGH PETER, GB  
[85] 2000-04-13  
[86] 1998-10-28 (PCT/GB98/03212)  
[87] 1999-05-06 (WO99/22193)  
[30] GB (9722774.8) 1997-10-28

[21] **2,306,154**  
[13] A1

[51] **Int.Cl. 6H04Q 7/38**  
[25] EN  
[54] **LOAD BASED PRIORITY FOR THE MOBILE SUBSCRIBER**  
[54] **PRIORITE DEPENDANT DE LA CHARGE POUR ABONNE MOBILE**  
[72] BHATIA, RANJIT, US  
[72] BORG, GUNNAR, US  
[71] ERICSSON, INC., US  
[85] 2000-04-07  
[86] 1998-10-08 (PCT/US98/21206)  
[87] 1999-04-22 (WO99/20073)  
[30] US (08/947,643) 1997-10-09

[21] **2,306,157**  
[13] A1

[51] **Int.Cl. 6C08G 64/30 6C08G 64/06**  
[25] EN  
[54] **PREPARATION OF DIHYDROXYDIPHENYL-COPOLYCARBONATES BY MELT RE-ESTERIFICATION**  
[54] **PREPARATION DE DIHYDROXYDIPHENYLE-COPOLYCARBONATES PAR REESTERIFICATION PAR FUSION**  
[72] WEHRMANN, ROLF, DE  
[72] KONIG, ANNETT, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-04-07  
[86] 1998-09-30 (PCT/EP98/06212)  
[87] 1999-04-22 (WO99/19380)  
[30] DE (197 44 693.0) 1997-10-10

[21] **2,306,158**  
[13] A1

[51] **Int.Cl. 6C08C 4/00 6C08F 6/00**  
[25] EN  
[54] **PROCESS FOR DEGASSING RUBBER FROM GASEOUS PHASE POLYMERISATION**  
[54] **PROCEDE DE DEGAZAGE DE CAOUTCHOUC OBTENU PAR POLYMERISATION EN PHASE GAZEUSE**  
[72] HAENDELER, FRIEDRICH, DE  
[72] BAMBERGER, THOMAS, US  
[72] MERSMANN, FRANZ-JOSEF, DE  
[72] SCHNEIDER, JURGEN, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
[85] 2000-04-07  
[86] 1998-09-26 (PCT/EP98/06126)  
[87] 1999-04-22 (WO99/19367)  
[30] DE (197 44 709.0) 1997-10-10

[21] **2,306,164**  
[13] A1

[51] **Int.Cl. 6B65D 33/25 6B65D 19/44**  
[25] EN  
[54] **REUSABLE PACKAGING**  
[54] **EMBALLAGE REUTILISABLE**  
[72] DAVIES, HEATHER JANET, GB  
[71] DAVIES, HEATHER JANET, GB  
[85] 2000-04-07  
[86] 1998-10-08 (PCT/GB98/03005)  
[87] 1999-04-22 (WO99/19224)  
[30] GB (9721423.3) 1997-10-09

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,306,166</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61C 15/00</b> [25] EN [54] <b>DENTAL FLOSSING DEVICE</b> [54] <b>DISPOSITIF DE NETTOYAGE PAR FIL DENTAIRE</b> [72] ROBINSON, DANE Q., US [71] ROBINSON, DANE Q., US [85] 2000-04-07 [86] 1998-10-08 (PCT/US98/21336) [87] 1999-04-22 (WO99/18883) [30] US (08/948,405) 1997-10-09</p>	<p style="text-align: right;">[21] <b>2,306,173</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 8/24 6C08F 10/00</b> [25] EN [54] <b>GAS PHASE POLYMERISATION IN A BELL-SHAPED REACTOR</b> [54] <b>POLYMERISATION EN PHASE GAZEUSE DANS UN REACTEUR CUPULIFORME</b> [72] SCHNEIDER, JURGEN, DE [72] DAUBEN, MICHAEL, DE [72] RIEHLE, CLAUS, DE [72] MERSMANN, FRANZ-JOSEF, DE [72] HEROLD, HEIKO, DE [72] MLECZKO, LESLAW, DE [72] HAENDELER, FRIEDRICH, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2000-04-07 [86] 1998-09-26 (PCT/EP98/06125) [87] 1999-04-22 (WO99/19059) [30] DE (197 44 710.4) 1997-10-10</p>	<p style="text-align: right;">[21] <b>2,306,208</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C21D 8/12</b> [25] EN [54] <b>METHOD FOR PRODUCING A MAGNETIC GRAIN ORIENTED STEEL SHEET WITH LOW LEVEL LOSS BY MAGNETIC REVERSAL AND HIGH POLARISATION</b> [54] <b>PROCEDE DE PRODUCTION D'UNE TOLE ELECTRIQUE A GRAINS ORIENTES AVEC UNE FAIBLE PERTE PAR INVERSION MAGNETIQUE ET UNE POLARISATION ELEVEE</b> [72] GUNTHER, KLAUS, DE [72] HUNEUS, HANS, DE [72] PIRCHER, HANS, DE [72] WUPPERMANN, CARL-DIETER, DE [72] KAWALLA, RUDOLF, DE [72] BOTTCHE, ANDREAS, DE [72] ESPENHAHN, MANFRED, DE [71] THYSSEN KRUPP STAHL AG, DE [85] 2000-04-14 [86] 1998-09-09 (PCT/EP98/05732) [87] 1999-04-22 (WO99/19521) [30] DE (197 45 445.3) 1997-10-15</p>
<p style="text-align: right;">[21] <b>2,306,168</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 8/00 6B07B 4/04 6B29C 47/10 6C08F 6/26 6C08F 2/34 6B01J 8/38</b> [25] EN [54] <b>METHOD AND DEVICE FOR EXTRACTING RUBBER FROM GASEOUS PHASE POLYMERIZATION</b> [54] <b>PROCEDE ET DISPOSITIF POUR TRANSFERER VERS L'EXTERIEUR DU CAOUTCHOUC PROVENANT DE LA POLYMERISATION EN PHASE GAZEUSE</b> [72] HEROLD, HEIKO, DE [72] MERSMANN, FRANZ-JOSEF, DE [72] SCHNEIDER, JURGEN, DE [72] SCHWEIGLER, NORBERT, DE [72] SCHEBESTA, KLAUS, DE [72] HAENDELER, FRIEDRICH, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2000-04-07 [86] 1998-10-01 (PCT/EP98/06231) [87] 1999-04-22 (WO99/19373) [30] DE (197 44 708.2) 1997-10-10</p>	<p style="text-align: right;">[21] <b>2,306,175</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/16 6G06F 17/40</b> [25] EN [54] <b>NETWORK CONTACT TRACKING SYSTEM</b> [54] <b>SYSTEME DE SUIVI DE CONTACTS RESEAU</b> [72] FARRIS, JEFFREY L., US [72] KEENE, JOHN D., US [71] E2 SOFTWARE CORPORATION, US [85] 2000-04-07 [86] 1999-02-01 (PCT/US99/02155) [87] 2000-02-17 (WO00/08583) [30] US (60/095,652) 1998-08-07</p>	<p style="text-align: right;">[21] <b>2,306,211</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/569 6C07K 16/00 6C12Q 1/04 6C12Q 1/26</b> [25] EN [54] <b>METHODS FOR THE RAPID DETECTION AND ENUMERATION OF VIABLE MICROORGANISMS</b> [54] <b>PROCEDES DE DETECTION ET ENUMERATION RAPIDES DE MICRO-ORGANISMES VIABLES</b> [72] THACKER, JAMES D., US [71] THACKER, JAMES D., US [85] 2000-04-14 [86] 1998-09-04 (PCT/US98/18588) [87] 1999-03-11 (WO99/12015) [30] US (60/057,657) 1997-09-05</p>
<p style="text-align: right;">[21] <b>2,306,171</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01F 5/06 6D21C 9/10</b> [25] EN [54] <b>METHOD AND APPARATUS FOR INTRODUCTION OF A FIRST FLUID INTO A SECOND FLUID</b> [54] <b>PROCEDE ET APPAREIL PERMETTANT D'INTRODUIRE UN PREMIER FLUIDE DANS UN DEUXIEME FLUIDE</b> [72] WIGARTHSSON, PETER, SE [72] EKHOLM, ROLF, SE [71] KVAERNER PULPING AB, SE [85] 2000-04-07 [86] 1998-10-13 (PCT/SE98/01842) [87] 1999-04-22 (WO99/19057) [30] SE (9703732-9) 1997-10-14</p>		



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,306,212</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01L 29/06</b> [25] EN [54] <b>DUAL-BAND QUANTUM-WELL INFRARED SENSING ARRAY</b> [54] <b>RESEAU DE DETECTION DU RAYONNEMENT INFRAROUGE A PUISS QUANTIQUES A DOUBLE BANDE</b> [72] GUNAPALA, SARATH D., US [72] BANDARA, SUMITH V., US [72] LIU, JOHN K., US [71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US [85] 2000-04-14 [86] 1998-10-16 (PCT/US98/21812) [87] 1999-04-22 (WO99/19912) [30] US (60/062,434) 1997-10-16</p>	<p style="text-align: right;">[21] <b>2,306,216</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/44 6C12Q 1/00 6A61K 31/22 6A61K 31/40 6A61K 31/415 6A61K 31/55 6A61K 31/66</b> [25] EN [54] <b>THE USE OF INHIBITORS OF THE RENIN-ANGIOTENSIN SYSTEM FOR THE TREATMENT OF HYPOXIA OR IMPAIRED METABOLIC FUNCTION</b> [54] <b>UTILISATION D'INHIBITEURS DU SYSTEME RENINE-ANGIOTENSINE</b> [72] MARTIN, JOHN FRANCIS, GB [72] ERUSALIMSKY, JORGE DANIEL, GB [72] MONTGOMERY, HUGH EDWARD, GB [71] EUROGENE LIMITED, GB [85] 2000-04-14 [86] 1998-10-19 (PCT/GB98/03122) [87] 1999-04-29 (WO99/20260) [30] GB (9722026.3) 1997-10-17 [30] GB (9810855.8) 1998-05-20</p>	<p style="text-align: right;">[21] <b>2,306,221</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 35/00</b> [25] EN [54] <b>DERMAL ABRASION</b> [54] <b>ABRASION CUTANEE</b> [72] TAVGER, MICHAEL, IL [72] LINDENBAUM, ELLA, IL [71] TAV TECH LTD., IL [85] 2000-04-14 [86] 1998-10-22 (PCT/IL98/00517) [87] 1999-04-29 (WO99/20336) [30] IL (122016) 1997-10-22</p>
<p style="text-align: right;">[21] <b>2,306,213</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04J 3/00</b> [25] EN [54] <b>A METHOD OF AND A SYSTEM FOR VOICE AND DATA RADIO COMMUNICATION PROVIDING IMPROVED INTERFERENCE DIVERSITY</b> [54] <b>PROCEDE ET SYSTEME DE COMMUNICATION PAR RADIO DE VOIX ET DE DONNEES PERMETTANT UNE MEILLEURE DIVERSITE D'INTERFERENCES</b> [72] HAARTSEN, JACOBUS CORNELIS, NL [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 2000-04-14 [86] 1998-10-15 (PCT/EP98/06973) [87] 1999-04-22 (WO99/20000) [30] EP (97203219.7) 1997-10-16</p>	<p style="text-align: right;">[21] <b>2,306,219</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G07F 3/02</b> [25] EN [54] <b>COIN ACCEPTOR</b> [54] <b>SYSTEME D'ACCEPTATION DE MONNAIE</b> [72] WOOD, DENNIS, GB [71] COIN CONTROLS LTD., GB [85] 2000-04-14 [86] 1998-10-29 (PCT/GB98/03230) [87] 1999-05-14 (WO99/23615) [30] GB (9723223.5) 1997-11-03</p>	<p style="text-align: right;">[21] <b>2,306,222</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G08B 13/14</b> [25] EN [54] <b>HIGH TEMPERATURE RFID TAG</b> [54] <b>ETIQUETTE RFID HAUTE TEMPERATURE</b> [72] MONAHAN, BRIAN, US [72] NICHOLSON, MARK, US [71] ESCORT MEMORY SYSTEMS, US [85] 2000-04-14 [86] 1998-09-03 (PCT/US98/18454) [87] 1999-04-22 (WO99/19851) [30] US (08/943,679) 1997-10-15</p>
<p style="text-align: right;">[21] <b>2,306,215</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B05D 7/00</b> [25] EN [54] <b>SUPERCritical FLUID AIDED COATING OF PARTICULATE MATERIAL</b> [54] <b>RETEMENT DE MATIERE PARTICULAIRE A L'AIDE D'UN FLUIDE SUPERCRITIQUE</b> [72] SUNOL, AYDIN K., US [71] UNIVERSITY OF SOUTH FLORIDA, US [85] 2000-04-14 [86] 1998-10-15 (PCT/US98/21751) [87] 1999-04-22 (WO99/19085) [30] US (60/062,332) 1997-10-15</p>	<p style="text-align: right;">[21] <b>2,306,220</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 36/04 6C08F 4/52</b> [25] EN [54] <b>CATALYST WITH A BASE CONSISTING OF COMPOUNDS OF THE RARE EARTH METALS FOR POLYMERISING UNSATURATED ORGANIC COMPOUNDS</b> [54] <b>CATALYSEUR A BASE DE COMPOSES DES METAUX DES TERRES RARES S'UTILISANT POUR LA POLYMERISATION DE COMPOSES ORGANIQUES INSATURES</b> [72] WINDISCH, HEIKE, DE [71] BAYER AKTIENGESELLSCHAFT, DE [85] 2000-04-14 [86] 1998-10-07 (PCT/EP98/06376) [87] 1999-04-29 (WO99/20670) [30] DE (197 46 266.9) 1997-10-20</p>	<p style="text-align: right;">[21] <b>2,306,224</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A01N 25/04</b> [25] EN [54] <b>IMPROVED IODINE ANTIMICROBIAL COMPOSITIONS CONTAINING NONIONIC SURFACTANTS AND HALOGEN ANIONS</b> [54] <b>COMPOSITIONS ANTIMICROBIENNES AMELIOREES CONTENANT DE L'IODE AINSI QUE DES TENSIOACTIFS NON IONIQUES ET DES ANIONS D'HALOGENE</b> [72] HEMLING, THOMAS G., US [72] FORET, CHRIS, US [71] WEST AGRO, INC., US [85] 2000-04-17 [86] 1998-08-06 (PCT/US98/16274) [87] 1999-04-29 (WO99/20107) [30] US (08/956,774) 1997-10-21</p>

## Demandes PCT entrant en phase nationale

[21] **2,306,226**  
[13] A1

[51] **Int.Cl. 6A63F 1/14**  
[25] EN  
[54] **A METHOD FOR HANDLING OF CARDS IN A DEALER SHOE, AND A DEALER SHOE**  
[54] **PROCEDE DE MANIPULATION DE CARTES DANS UN SABOT DE DISTRIBUTION ET SABOT DE DISTRIBUTION**  
[72] WARREN, DAVID, US  
[72] LONG, SHANE, US  
[71] WARREN, DAVID, US  
[71] LONG, SHANE, US  
[85] 2000-04-14  
[86] 1998-10-13 (PCT/US98/21499)  
[87] 1999-04-22 (WO99/19033)  
[30] US (60/061,995) 1997-10-14  
[30] US (60/081,165) 1998-04-08

[21] **2,306,228**  
[13] A1

[51] **Int.Cl. 6A61K 31/70 6A61K 38/00 6A61K 38/02 6A61K 38/18**  
[25] EN  
[54] **THERAPEUTIC METHODS COMPRISING USE OF A NEUREGULIN**  
[54] **METHODE THERAPEUTIQUES COMPORTANT L'UTILISATION D'UNE NEUREGULINE**  
[72] MCBURNEY, ROBERT N., US  
[72] HOLT, WILLIAM, US  
[72] GWYNNE, DAVID I., US  
[72] MARCHIONNI, MARK, US  
[71] CAMBRIDGE NEUROSCIENCE, INC., US  
[85] 2000-04-14  
[86] 1998-10-08 (PCT/US98/21349)  
[87] 1999-04-22 (WO99/18976)  
[30] US (60/062,109) 1997-10-14

[21] **2,306,242**  
[13] A1

[51] **Int.Cl. 6H01L 21/321 6C11D 1/00 6H01L 21/00 6H01L 21/306**  
[25] EN  
[54] **METHODS AND APPARATUS FOR CLEANING SEMICONDUCTOR SUBSTRATES AFTER POLISHING OF COPPER FILM**  
[54] **PROCEDES ET APPAREIL DE NETTOYAGE DE SUBSTRATS SEMICONDUCTEURS APRES POLISSAGE D'UN FILM EN CUIVRE**  
[72] ZHANG, LIMING, US  
[72] ZHAO, YUEXING, US  
[72] HYMES, DIANE J., US  
[72] KRUSELL, WILBUR C., US  
[71] LAM RESEARCH CORPORATION, US  
[85] 2000-04-07  
[86] 1998-10-06 (PCT/US98/21073)  
[87] 1999-04-29 (WO99/21220)  
[30] US (08/955,393) 1997-10-21

[21] **2,306,243**  
[13] A1

[51] **Int.Cl. 6C08L 67/06 6B32B 27/36**  
[25] EN  
[54] **WATER RESISTANT UNSATURATED POLYESTER RESIN COMPOSITIONS**  
[54] **COMPOSITIONS DE RESINE A RESISTANCE AUX AGENTS CHIMIQUES ET/OU A IMPERMEABILITE A L'EAU AMELIOREES**  
[72] HSU, CHIH-PIN, US  
[72] ZHAO, MING-YANG, US  
[72] BERGSTROM, LINDA, US  
[71] COOK COMPOSITES AND POLYMERS COMPANY, US  
[85] 2000-04-07  
[86] 1998-10-09 (PCT/EP98/06630)  
[87] 1999-04-22 (WO99/19403)  
[30] US (60/062,852) 1997-10-10  
[30] US (60/062,112) 1997-10-14

[21] **2,306,245**  
[13] A1

[51] **Int.Cl. 6C07D 277/34 6C07D 277/36**  
[25] EN  
[54] **NOVEL 3,4-DIARYLTHIAZOLIN-2-ONE OR -2-THIONE DERIVATIVES, PREPARATION METHODS AND USES IN THERAPY**  
[54] **NOUVEAUX DERIVES 3,4-DIARYLTHIAZOLIN-2-ONE OU -2-THIONE, LEURS PROCEDES DE PREPARATION ET LEURS UTILISATIONS EN THERAPEUTIQUE**  
[72] SARTORI, ERIC, FR  
[72] TEULON, JEAN-MARIE, FR  
[71] LABORATOIRES UPSA, FR  
[85] 2000-04-07  
[86] 1998-10-06 (PCT/FR98/02128)  
[87] 1999-04-15 (WO99/18093)  
[30] FR (97/12459) 1997-10-07

[21] **2,306,248**  
[13] A1

[51] **Int.Cl. 6B60B 17/00**  
[25] EN  
[54] **DUAL ALLOY RAILROAD WHEEL**  
[54] **ROUE DE VEHICULE FERROVIERE A DEUX ALLIAGES**  
[72] RUNKLE, JOSEPH C., US  
[71] ULTRACLAD CORPORATION, US  
[85] 2000-04-07  
[86] 1998-10-07 (PCT/US98/21004)  
[87] 1999-04-22 (WO99/19155)  
[30] US (60/061,610) 1997-10-10

[21] **2,306,249**  
[13] A1

[51] **Int.Cl. 6G02B 3/14 6G02B 26/02**  
[25] EN  
[54] **LENS WITH VARIABLE FOCUS**  
[54] **LENTILLE A FOCALE VARIABLE**  
[72] BERGE, BRUNO, FR  
[72] PESEUX, JEROME, FR  
[71] UNIVERSITE JOSEPH FOURIER, FR  
[85] 2000-04-07  
[86] 1998-10-07 (PCT/FR98/02143)  
[87] 1999-04-15 (WO99/18456)  
[30] FR (97/12781) 1997-10-08

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[21] **2,306,250**  
[13] A1

[51] **Int.Cl. 6C07C 1/10 6C08G 63/00 6C08G 63/02 6C07C 5/22 6C08G 63/52 6C07C 2/64 6C07C 2/68**  
[25] EN  
[54] **PROCESS FOR PREPARING 2,6-DIALKYLNAPHTHALENE**  
[54] **PROCEDE DE PREPARATION DE 2,6-DIALKYLNAPHTHALENE**  
[72] DONNELLY, SUSAN PATRICIA, US  
[72] SAPRE, AJIT VISHWANATH, US  
[72] MCWILLIAMS, JOHN PAUL, US  
[72] MOTOYUKI, MASAHIRO, JP  
[72] YAMAMOTO, KOJI, JP  
[71] KABUSHIKI KAISHA KOBE SEIKO SHO, JP  
[71] MOBIL OIL CORPORATION, US  
[85] 2000-04-07  
[86] 1998-10-09 (PCT/US98/20929)  
[87] 1999-04-22 (WO99/19278)  
[30] US (08/948,299) 1997-10-10

[21] **2,306,253**  
[13] A1

[51] **Int.Cl. 7H04L 12/54**  
[25] EN  
[54] **ELECTRONIC MAIL OBJECT SYNCHRONIZATION BETWEEN A DESKTOP COMPUTER AND MOBILE DEVICE**  
[54] **SYNCHRONISATION D'OBJETS DE COURRIER ELECTRONIQUES ENTRE UN ORDINATEUR DE BUREAU ET UN DISPOSITIF MOBILE**  
[72] ULRICH, BRYCE, US  
[72] ALAM, SALIM, US  
[72] DISCOLO, ANTHONY, US  
[71] MICROSOFT CORPORATION, US  
[85] 2000-04-07  
[86] 1998-10-23 (PCT/US98/22384)  
[87] 1999-05-06 (WO99/22322)  
[30] US (60/063,164) 1997-10-24  
[30] US (60/064,986) 1997-11-07  
[30] US (09/058,613) 1998-04-10

[21] **2,306,255**  
[13] A1

[51] **Int.Cl. 6H04L 27/26**  
[25] EN  
[54] **SPLITTERLESS MULTICARRIER MODEM**  
[54] **MODEM A PORTEUSES MULTIPLES SANS REPARTITEUR**  
[72] TZANNES, MICHAEL A., US  
[72] TZANNES, MARCOS, US  
[72] GRESZCZUK, JOHN A., US  
[72] GROSS, RICHARD W., US  
[72] KRINSKY, DAVID M., US  
[71] AWARE, INC., US  
[85] 2000-04-07  
[86] 1998-10-09 (PCT/US98/21442)  
[87] 1999-04-22 (WO99/20027)  
[30] US (60/061,689) 1997-10-10

[21] **2,306,256**  
[13] A1

[51] **Int.Cl. 6G01N 31/10**  
[25] EN  
[54] **RADIATION ACTIVATION AND SCREENING OF CATALYST LIBRARIES FOR CATALYST EVALUATION AND REACTORS THEREFOR**  
[54] **ACTIVATION DE RAYONNEMENT ET CRIBLAGE DE BIBLIOTHEQUES DE CATALYSEURS PERMETTANT D'EVALUER UN CATALYSEUR ET REACTEURS CORRESPONDANTS**  
[72] SENKAN, SELIM MEHMET, US  
[72] ATKINS, MARTIN PHILIP, GB  
[71] LASER CATALYST SYSTEMS, INC., GB  
[71] BP CHEMICALS LIMITED, GB  
[85] 2000-04-07  
[86] 1998-10-08 (PCT/GB98/03023)  
[87] 1999-04-22 (WO99/19724)  
[30] US (08/949,203) 1997-10-10  
[30] GB (9807836.3) 1998-04-14  
[30] US (09/087,417) 1998-05-29

[21] **2,306,258**  
[13] A1

[51] **Int.Cl. 6A63B 67/02**  
[25] EN  
[54] **PUTTING GREEN SIMULATOR**  
[54] **SIMULATEUR DE "GREEN"**  
[72] LONG, ROBIN MICHAEL, ZA  
[71] LONG, ROBIN MICHAEL, ZA  
[85] 2000-04-07  
[86] 1998-10-14 (PCT/GB98/03082)  
[87] 1999-04-22 (WO99/19032)  
[30] ZA (97/9182) 1997-10-14  
[30] ZA (97/9990) 1997-11-06

[21] **2,306,537**  
[13] A1

[51] **Int.Cl. 6C08B 37/00 6C08L 5/00**  
[25] EN  
[54] **CEREAL BETA GLUCAN COMPOSITIONS AND METHODS**  
[54] **COMPOSITIONS DE BETA-GLUCANE CEREALIER ET PROCEDES ASSOCIES**  
[72] REDMOND, MARK J., CA  
[71] CEAPRO INC., CA  
[85] 2000-05-25  
[86] 1999-05-27 (PCT/CA99/00486)  
[87] 1999-12-02 (WO99/61480)  
[30] US (60/086,955) 1998-05-27

[21] **2,306,560**  
[13] A1

[51] **Int.Cl. 6A61K 9/12 6A61K 7/06 6A61K 45/06 6A61K 7/48**  
[25] EN  
[54] **TOPICAL ANTIFUNGAL COMPOSITION**  
[54] **COMPOSITION ANTIFONGIQUE TOPIQUE**  
[72] DAVEY, GREG, AU  
[72] ABRAM, ALBERT ZORKO, AU  
[71] SOLTEC RESEARCH PTY. LTD., AU  
[85] 2000-04-06  
[86] 1998-10-19 (PCT/AU98/00867)  
[87] 1999-04-29 (WO99/20250)  
[30] AU (PO 9838) 1997-10-17  
[30] AU (PP 1217) 1998-01-06

[21] **2,306,561**  
[13] A1

[51] **Int.Cl. 6A61B 17/22 6G01N 21/41**  
[25] EN  
[54] **BUBBLE DETECTION**  
[54] **DETECTION DE BULLES**  
[72] DA SILVA, LUIZ B., US  
[72] CELLIERS, PETER M., US  
[72] VISURI, STEVEN R., US  
[72] MAMMINI, BETH M., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-04-06  
[86] 1998-09-29 (PCT/US98/20622)  
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[30] US (08/941,015) 1997-09-30

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[21] **2,306,562**  
[13] A1

[51] **Int.Cl. 6A61K 6/033 6A61L 25/00 6A61L 27/00**  
[25] EN  
[54] **HYDRAULIC SURGICAL CEMENT**  
[54] **CIMENT CHIRURGICAL HYDRAULIQUE**  
[72] LEMAITRE, JACQUES, CH  
[72] BOHNER, MARC, CH  
[72] VAN LANDUYT, PASCALE, CH  
[71] DR. H. C. ROBERT MATHYS STIFTUNG, CH  
[71] STRATEC MEDICAL AG, CH  
[85] 2000-04-06  
[86] 1998-10-06 (PCT/EP98/06330)  
[87] 1999-04-15 (WO99/17710)  
[30] EP (PCT/EP97/05495) 1997-10-07

[21] **2,306,563**  
[13] A1

[51] **Int.Cl. 6B65B 51/10 6B29C 65/18 6B29C 65/74**  
[25] EN  
[54] **A METHOD FOR TREATING PLASTIC FILM AND A DEVICE IN A WRAPPING MACHINE**  
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'UN FILM PLASTIQUE DANS UNE MACHINE D'EMBALLAGE**  
[72] HERAVA, ISMO, FI  
[71] UNITED PACKAGING PLC, GB  
[85] 2000-04-05  
[86] 1998-03-30 (PCT/FI98/00285)  
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[30] FI (973923) 1997-10-09  
[30] FI (980709) 1998-03-27

[21] **2,306,564**  
[13] A1

[51] **Int.Cl. 6C12N 7/00 6C12N 5/06**  
[25] EN  
[54] **SERUM-FREE, LOW-PROTEIN MEDIA FOR ROTAVIRUS VACCINE PRODUCTION**  
[54] **MILIEU A FAIBLE TENEUR EN PROTEINE, EXEMPT DE SERUM PERMETTANT DE PRODUIRE UN VACCIN CONTRE LE ROTAVIRUS**  
[72] GOULD, SANDRA L., US  
[72] ROBINSON, DAVID K., US  
[72] DISTEFANO, DANIEL J., US  
[72] SEAMANS, T. CRAIG, US  
[71] MERCK & CO., INC., US  
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[87] 1999-05-06 (WO99/21969)  
[30] US (60/063,301) 1997-10-27

[21] **2,306,565**  
[13] A1

[51] **Int.Cl. 6C07D 477/14 6A61K 31/495 6A61K 31/55**  
[25] EN  
[54] **CARBAPENEM ANTIBACTERIAL COMPOUNDS, COMPOSITIONS AND METHODS OF TREATMENT**  
[54] **COMPOSES ANTIBACTERIENS DE LA CLASSE DES CARBAPENEMES, COMPOSITIONS ET PROCEDES DE TRAITEMENT**  
[72] RATCLIFFE, RONALD W., US  
[72] CAMA, LOVJI D., US  
[72] SUN, WANYING, US  
[72] WILDONGER, KENNETH J., US  
[72] WILKENING, ROBERT R., US  
[71] MERCK & CO., INC., US  
[85] 2000-04-17  
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[30] US (60/063,031) 1997-10-23  
[30] GB (9806431.4) 1998-03-25

[21] **2,306,566**  
[13] A1

[51] **Int.Cl. 6A61K 9/50 6A61K 9/16 6A61K 9/28**  
[25] EN  
[54] **LOW TEMPERATURE COATINGS**  
[54] **REVETEMENTS A BASSE TEMPERATURE**  
[72] NEWTON, JOHN MICHAEL, GB  
[72] LEONG, CHUEI WUEI, MY  
[71] BTG INTERNATIONAL LIMITED, GB  
[85] 2000-04-10  
[86] 1998-11-13 (PCT/GB98/03428)  
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[30] GB (9724186.3) 1997-11-14

[21] **2,306,567**  
[13] A1

[51] **Int.Cl. 6A61K 45/00 6A61K 31/557**  
[25] EN  
[54] **PLASMINOGEN ACTIVATOR INHIBITOR 1 PRODUCTION REGULATORY AGENTS**  
[54] **AGENTS QUI REGULENT LA PRODUCTION DE L'INHIBITEUR 1 DES ACTIVATEURS DU PLASMINOGENE**  
[72] KURUMATANI, HAJIMU, JP  
[72] YAMAMOTO, HIROSHI, JP  
[72] YAMAGISHI, SHO-ICHI, JP  
[72] HIRANO, KAZUO, JP  
[72] HISANO, KOICHI, JP  
[71] TORAY INDUSTRIES, INC., JP  
[85] 2000-04-11  
[86] 1999-08-10 (PCT/JP99/04331)  
[87] 2000-02-24 (WO00/09161)  
[30] JP (10-241027) 1998-08-12

[21] **2,306,568**  
[13] A1

[51] **Int.Cl. 6C23C 8/00 6C23C 16/00 6H05H 1/24**  
[25] EN  
[54] **DEPOSITION OF COATINGS USING AN ATMOSPHERIC PRESSURE PLASMA JET**  
[54] **DEPOT DE REVETEMENTS A L'AIDE D'UN JET DE PLASMA A PRESSION ATMOSPHERIQUE**  
[72] HICKS, ROBERT F., US  
[72] SELWYN, GARY S., US  
[72] BABAYAN, STEVE E., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2000-04-12  
[86] 1998-10-20 (PCT/US98/22306)  
[87] 1999-04-29 (WO99/20809)  
[30] US (60/062,822) 1997-10-20

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[21] **2,306,569**

[13] A1

[51] **Int.Cl. 6B41J 2/32 6B41J 2/325**

[25] EN

[54] **APPARATUS FOR VARIABLE  
IMAGE PRINTING ON TAPE**

[54] **APPAREIL POUR IMPRESSION  
D'IMAGES VARIABLES SUR BANDE  
D'IMPRESSION**

[72] ROBERTS, JOHN S., US

[72] ROSE, JOHN R., US

[72] PATTERSON, GEORGE S., US

[72] EWERT, BRIAN C., US

[71] J.I.T. TECHNOLOGIES, INC., US

[85] 2000-04-07

[86] 1998-10-22 (PCT/US98/22466)

[87] 1999-04-29 (WO99/20468)

[30] US (08/956,729) 1997-10-23

[30] US (09/124,705) 1998-07-29

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[13] A1

[51] **Int.Cl. 7A61F 2/06**  
[25] EN  
[54] **SUPPORT DEVICE FOR A GRAFT ASSEMBLY**  
[54] **DISPOSITIF DE SOUTIEN D'UN TRANSPLANT**  
[72] QUIACHON, DINAH B., US  
[72] PIPLANI, ALEC A., US  
[72] JOHANSSON, PETER K., US  
[72] WILLIAMS, RICHARD S., US  
[72] BAKER, STEVE G., US  
[71] ENDOVASCULAR TECHNOLOGIES, INC., US  
[22] 1994-08-15  
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[62] 2,257,663  
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[21] **2,304,444**  
[13] A1

[51] **Int.Cl. 7A01G 23/095**  
[25] EN  
[54] **MODULAR DELIMBER**  
[54] **EBRANCHEUSE MODULAIRE**  
[72] CAMIRAND, MARTIN, CA  
[72] JEANSON, BERTRAND, CA  
[72] BELLEFEUILLE, ALAIN, CA  
[71] DENHARCO INC., CA  
[22] 1999-07-23  
[43] 2000-01-31  
[62] 2,278,945  
[30] CA (2,244,443) 1998-07-31

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[13] A1

[51] **Int.Cl. 7H04L 25/03**  
[25] EN  
[54] **WAVEFORM SHAPING METHOD AND EQUIPMENT**  
[54] **METHODE ET APPAREIL DE CONFORMATION D'ONDES**  
[72] URABE, YOSHIO, JP  
[72] KOGA, SHOUICHI, JP  
[72] KAI, KOJI, JP  
[72] TAKAI, HITOSHI, JP  
[72] YAMASAKI, HIDETOSHI, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1994-06-23  
[43] 1994-12-26  
[62] 2,126,598  
[30] JP (HEI 5-154,776) 1993-06-25  
[30] JP (HEI 5-223,292) 1993-09-08  
[30] JP (HEI 6-13,760) 1994-02-07

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[21] **2,305,710**  
[13] A1

[51] **Int.Cl. 7H04L 25/03 7H04L 12/56**  
[25] EN  
[54] **WAVEFORM SHAPING METHOD AND EQUIPMENT**  
[54] **METHODE ET APPAREIL DE CONFORMATION D'ONDES**  
[72] TAKAI, HITOSHI, JP  
[72] KOGA, SHOUICHI, JP  
[72] URABE, YOSHIO, JP  
[72] KAI, KOJI, JP  
[72] YAMASAKI, HIDETOSHI, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1994-06-23  
[43] 1994-12-26  
[62] 2,126,598  
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[30] JP (HEI 5-223,292) 1993-09-08  
[30] JP (HEI 6-13,760) 1994-02-07

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[21] **2,305,749**  
[13] A1

[51] **Int.Cl. 7C07J 41/00 7C07J 43/00 7C07C 307/02**  
[25] EN  
[54] **STEROID SULPHATASE INHIBITORS**  
[54] **INHIBITEURS DE LA STEROIDE SULFATASE**  
[72] REED, MICHAEL JOHN, GB  
[72] POTTER, BARRY VICTOR LLOYD, GB  
[71] STERIX LIMITED, GB  
[22] 1992-08-28  
[43] 1993-03-18  
[62] 2,114,630  
[30] GB (9118478.8) 1991-08-29

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[21] **2,305,758**  
[13] A1

[51] **Int.Cl. 7A61K 31/56 7A61K 31/565 7A61K 31/5685**  
[25] EN  
[54] **STEROID SULPHATASE INHIBITORS**  
[54] **INHIBITEURS DE LA STEROIDE SULFATASE**  
[72] POTTER, BARRY VICTOR LLOYD, GB  
[72] REED, MICHAEL JOHN, GB  
[71] STERIX LIMITED, GB  
[22] 1992-08-28  
[43] 1993-03-18  
[62] 2,114,630  
[30] GB (9118478.8) 1991-08-29

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[21] **2,305,767**

[13] A1

[51] **Int.Cl. 7A61K 31/56 7A61K 31/565  
7A61K 31/5685**

[25] EN

[54] **STEROID SULPHATASE**

**INHIBITORS**

[54] **INHIBITEURS DE LA STEROIDE  
SULFATASE**

[72] POTTER, BARRY VICTOR LLOYD,  
GB

[72] REED, MICHAEL JOHN, GB

[71] STERIX LIMITED, GB

[22] 1992-08-28

[43] 1993-03-18

[62] 2,114,630

[30] GB (9118478.8) 1991-08-29

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[21] **2,306,331**

[13] A1

[51] **Int.Cl. 7H04L 12/16 7G06F 17/60**

[25] EN

[54] **COLLABORATIVE INTERNET  
DATA MINING SYSTEM**

[54] **SYSTEME D'EXPLOITATION DE  
DONNEES EN COLLABORATION SUR  
INTERNET**

[72] KURNIT, SCOTT PHILIP, US

[72] APPLEMAN, KENNETH H., US

[72] TALLER, OLGA, US

[72] MAIER, ELIZABETH A., US

[72] ANDERSON, JIM, US

[72] DAY, WILLIAM, US

[72] GERMAISE, SCOTT C., US

[71] GENERAL INTERNET, INC., US

[22] 1998-02-06

[43] 1998-08-27

[62] 2,268,571

[30] US (60/037,852) 1997-02-07

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MOTOROLA, INC.	2,191,817	Paranjpe, Prabhakar D.	2,113,980	Rosens, Erwin Anton	2,167,049
MOTOROLA, INC.	2,198,337	Partridge, B. Waring III	2,141,900	Ross, Margit	2,132,517
MOTOROLA, INC.	2,203,917	Pasos, Dolores	2,164,902	Roth, Mark W.	2,124,716
MOTOROLA, INC.	2,210,211	Patterson, Kelly James	2,146,830	ROTHMANS, BENSON & HEDGES INC.	2,203,588
MOTOROLA, INC.	2,211,230	Paul, Sanjoy	2,151,072	Rubin, Daniel	2,014,612
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EWANIKA, Dwight D.	2,254,342	GOODWIN, JOHN C., III	2,287,600	HONDA GIKEN KOGYO	
F.HOFFMANN-LA ROCHE AG	2,291,565	GORNEY, ROBERT E.	2,098,853	KABUSHIKI KAISHA	2,291,840
FALCO, STEVEN ANTHONY	2,289,188	GOUPIL, France	2,256,848	HONDA GIKEN KOGYO	
FAN, CHENJUN	2,288,474	GRAHAM, PAUL R.	2,291,413	KABUSHIKI KAISHA	2,292,207
FARMER, David M.	2,266,567	GRAINDORGE, PHILIPPE	2,291,495	HONDA, TAMAKI	2,291,868
FEAUTRIER, FRANÇOIS	2,291,866	GRAY, THOMAS	2,291,534	HONNMURA, SHIRO	2,291,982
FELDHAUSEN, JOSEPH E.	2,289,997	GREGORY, Hank	2,255,429	HOWARD, ROBERT G.	2,291,562
FEUSSNER, ANNETTE	2,291,458	GRETAG IMAGING AG	2,290,752	HOWLETT, Keith Raymond	2,255,263
FINCHOR, ROGER	2,291,535	GRETAG IMAGING AG	2,291,925	HSIUNG, THOMAS HSIAO-	
FINKE, ANDREAS	2,291,532	GRETER, ANDY	2,291,936	LING	2,291,388
FLEETHAM, Gregory F.	2,265,267	GROTH, STEFAN	2,291,209	HUANG, Lan-Shi	2,254,353
FORD GLOBAL		GROTH, STEFAN	2,291,214	HUANG, JYH-CHIARNG	2,285,813
TECHNOLOGIES, INC.	2,291,543	GROULT, BARTHELEMY	2,290,851	HUDOBA, MARK S.	2,289,789
FORT JAMES CORPORATION	2,292,134	GUHL, JAMES C.	2,292,150	HUDSON SOFT CO., LTD.	2,291,427
FOUACHE, CATHERINE	2,290,810	GUILLEMET, FRANÇOIS	2,291,520	HUFF, JAMES L.	2,289,349
FOUQUAY, STAPHANE	2,291,520	GULLISON, MICHAËL B.	2,291,911	HUFFINGTON, JEFFERY M.	2,292,105
FOUST, DONALD FRANKLIN	2,291,466	HAGGLUND, Barry Benjamin	2,255,298	HUMES, TODD E.	2,289,400
FRAMATOME CONNECTORS		HAHN, DETLEF	2,291,535	HUNT, ROBERT N.	2,291,524
INTERNATIONAL	2,291,380	HAITKO, DEBORAH ANN	2,291,466	HUSS, MICHAEL	2,291,519
FRAMATOME CONNECTORS		HALLIBURTON ENERGY		HYDE, JOHN D.	2,289,400
INTERNATIONAL	2,291,425	SERVICES, INC.	2,291,562	HYDRO-QUEBEC	2,253,762
FREESE, CHARLES EDWIN V.	2,283,002	HALPAAP, REINHARD	2,291,214	HYUNDAI MOTOR	
FRIESEN, Leon Roy	2,255,134	HAMANAKA, ERNEST		COMPANY	2,287,121
FRITZLER, MARVIN J.	2,290,711	SEIICHI	2,291,471	IBA, KOH	2,286,312
FU, XIAOLI	2,288,474	HAMMOND, James Douglas	2,255,478	IYAMA, KEIICHI	2,291,860
FUCHS, RAINER	2,291,519	HAMON, JOHN FRANCIS	2,289,826	ILLINOIS TOOL WORKS INC.	2,289,997
FUJIWARA, NAOKI	2,291,217	HARLE, VIRGINIE	2,291,523	ILLINOIS TOOL WORKS INC.	2,289,998
FUKANO, KAZUKO	2,291,901	HARLE, VIRGINIE	2,291,867	IMAHASHI, TAKESHI	2,291,845
FUKAYA, TOMOHIRO	2,291,528	HARNISCHFEGER		IMAI, TETSUYA	2,292,178
FUKAYA, TOMOHIRO	2,291,530	TECHNOLOGIES, INC.	2,287,676	INSTRUMENTARIUM	
FUKUOKA, YUKO	2,291,860	HARNOIS, JACQUES	2,298,149	CORPORATION	2,255,010
FULLARTON, SONYA	2,291,534	HARPER INDUSTRIES, INC.	2,291,924		

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INTERNATIONAL BUSINESS MACHINES CORPORATION	2,289,415	KOREM, AHARON	2,289,828	LUCENT TECHNOLOGIES INC.	2,287,607
INTERNATIONAL ROLLING MILL CONSULTANTS, INC.	2,285,713	KOYAMA, YOSHINARI	2,291,812	LUCENT TECHNOLOGIES INC.	2,287,613
INVENTIO AG	2,291,582	KRAFT FOODS, INC.	2,291,980	LUCENT TECHNOLOGIES INC.	2,287,626
IRECO, INC.	2,291,585	KRESSMANN, STAPHANE	2,291,523	LUCENT TECHNOLOGIES INC.	2,287,656
IRI, MASATO	2,291,823	KRESSMANN, STAPHANE	2,291,867	LUCENT TECHNOLOGIES INC.	2,287,657
ISHII, HIROTAKE	2,291,204	KRUSE, HANS-FRIEDRICH	2,302,811	LUCENT TECHNOLOGIES INC.	2,287,685
ISHINO, YASUTAKE	2,291,351	KONIGSHOFEN, HEINRICH	2,291,506	LUCENT TECHNOLOGIES INC.	2,287,690
ISRAEL, JOHN G.	2,287,656	KUDO, SATORU	2,292,207	LUCENT TECHNOLOGIES INC.	2,287,759
IZATT, James Paterson	2,254,447	KUGUMINATO, HIDEO	2,291,823	LUCENT TECHNOLOGIES INC.	2,288,310
IZATT, Sylvia Fay	2,254,447	KUKINO, SATORU	2,291,528	LUCENT TECHNOLOGIES INC.	2,288,475
JACH, THEODORE	2,291,478	KUKINO, SATORU	2,291,530	LUCENT TECHNOLOGIES INC.	2,289,188
JAPAN NAC CO., LTD.	2,291,574	KUMHO MITSUI CHEMICAL INC.	2,287,121	LUMIGEN, INC.	2,292,124
JAPAN RADIO CO., LTD.	2,291,868	KURARAY CO., LTD.	2,291,217	LUNSFORD, DAVID J.	2,292,030
JDS FITEL INC.	2,288,474	KURODA, SHIGETAKA	2,291,840	MAASLAND N.V.	2,291,601
JEBENS, HEINKE	2,302,811	KUROKAWA, MASA AKI	2,291,982	MACBETH, BRUCE F.	2,281,452
JI, KYOUNG RAK	2,291,507	KUSLICH, STEPHEN D.	2,287,101	MACHIN, ANTONI	2,302,811
JOHNS, ALBERT D.	2,292,134	KUSUDOU, TAKESHI	2,291,217	MACK, ROBERT D.	2,292,171
JOHNS, Dennis E.	2,255,439	KYDD, RICHARD ANDREW	2,289,826	MACMILLAN, ROBIN	2,291,747
JOHNSON & JOHNSON		KYOWA CHEMICAL INDUSTRY CO., LTD.	2,291,845	MAGYAROVITS, JANOS	2,291,554
KABUSHIKI KAISHA	2,291,923	KYUSHU UNIVERSITY	2,286,312	MAKOHL, FRIEDHELM	2,291,535
JOHNSON & JOHNSON		LAFONT, DON	2,291,935	MALAURE, JASON ROBERT	2,289,826
VISION PRODUCTS, INC.	2,291,833	LAKHANI, FAIZEL	2,289,956	MALLARD, Bonnie	2,255,423
JOHNSON, Bruce D.	2,266,567	LALONE, LUANN M.	2,290,245	MARCOTTE, DONALD ROGER	2,287,607
JOLLEY, NIGEL EDWARD	2,289,795	LALOUX, BERNARD	2,291,495	MARMON, SAMUEL EDWARD	2,290,321
KAMEL, RAAFAT EDWARD	2,288,310	LAM, Bridget G.	2,254,320	MARTIN, EUGENE R.	2,290,232
KAMIFUJI, FUMIKO	2,291,808	LAM, Richard Y. C.	2,254,320	MARTIN, PHILIPPE	2,291,495
KAMIMURA, TAKEO	2,291,982	LAMOTTE, ANTHONY A.	2,292,485	MARVASTI, FAROKH ALIM	2,287,118
KAMPF, MARK	2,291,585	LANDOLT, MARKUS	2,290,752	MARYAMCHIK, MIKHAIL	2,284,854
KASAI, EIJI	2,291,204	LANDOLT, MARKUS	2,291,925	MARZETTA, THOMAS LOUIS	2,287,759
KASZTELAN, SLAVIK	2,291,523	LANGLOIS, Richard	2,255,306	MASUDA, NORIO	2,275,799
KASZTELAN, SLAVIK	2,291,867	LAPPER, Derek	2,255,153	MATSUBARA, ATSUSHI	2,291,840
KAWAKATSU TSUTOMU	2,292,207	LARSSON, KARL O.A.H.	2,291,936	MATSUBARA, ATSUSHI INDUSTRIAL CO., LTD.	2,291,860
KAWAMURA, YASUMASA	2,292,056	LE CRAS, FRADARIC	2,290,879	MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,292,331
KAWASAKI STEEL CORPORATION	2,291,823	LEBECQUE, MAURICE	2,291,817	MAUCOURT, JACQUES	2,290,876
KEHLING, Richard E.	2,254,311	LEBOULZEC, DIDIER	2,287,657	MCCLOSKEY, Pashal	2,255,153
KELLER, GUIDO	2,290,752	LEE, BYOUNG JIN	2,287,121	MCCRACKEN, TIMOTHY S.	2,291,524
KELLER, GUIDO	2,291,925	LEE, Chong-Cheng	2,255,300	MCDERMOTT TECHNOLOGY, INC.	2,291,304
KELLOGG, SHAWN E.	2,291,413	LEE, SANG HWA	2,287,121	MCDOWALL, DEBRA JEAN	2,290,321
KELLY, Kevin D.	2,255,458	LEFEVRE, HERVA	2,291,495	McGILL, ANDREW R.	2,291,404
KERBER, ALBERT	2,291,370	LEIGHTON, JOHN C.	2,292,030	McINTOSH, DOUGLAS S.	2,297,370
KIMBERLY-CLARK		LEON, WAYNE M.	2,291,973	MCKAY, BRADLEY A.	2,287,656
WORLDWIDE, INC.	2,287,700	LEVERINGTON, JAMES M.	2,288,925	MCLEOD, Jon Kyle Donald	2,254,386
KIMBERLY-CLARK		LI, Xiaomao	2,255,521	MCNEIL, Craig L.	2,266,567
WORLDWIDE, INC.	2,290,321	LIDY, WERNER A.	2,291,942	MCNICOL, JOHN D.	2,291,863
KIMURA, SHINSAKU	2,279,920	LIEDL, FRANK	2,291,926	MCPHERSON'S LIMITED	2,290,322
KING, JONATHAN PAUL	2,282,939	LIETZMANN, ANDREAS	2,302,811	MDS INC.	2,255,122
KING, PAUL	2,291,543	LIM, JONG YOON	2,287,121	MECHTEL, MARKUS	2,291,209
KINOSHITA, KENTOKU	2,291,934	L'INSTITUT FRANCAIS DU PETROLE	2,290,882	MECHTEL, MARKUS	2,291,214
KITAJIMA, SHINICHI	2,291,840	L'INSTITUT FRANCAIS DU PETROLE	2,291,523		
KNIGHT, Shane Edwin	2,255,309	L'INSTITUT FRANCAIS DU PETROLE	2,291,867		
KOBAYASHI, KAZUTO	2,292,178	LIOUTAS, THEODORE S.	2,290,072		
KOCH, RUSSELL W.	2,291,496	LITTLE, Vernon Robert	2,255,298		
KOCH, RUSSELL W.	2,291,498	LITTLEJOHN, MARK B.	2,292,134		
KOCH, RUSSELL W.	2,291,499	LITTON SYSTEMS, INC.	2,289,876		
KOGA, MASAFUMI	2,291,837	LIU, ANITA SUK PING	2,289,885		
KOLB, GUDRUN	2,291,565	LOFARO, MICHAEL F.	2,288,621		
KOREA RESEARCH INSTITUTE OF		LOGOZAR, Victoria F.	2,254,342		
		LOMBARDI, SANDRO	2,291,459		
		LOOTEN, PHILIPPE	2,290,810		



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MED-I-PANT INC.	2,255,465	CORPORATION	2,255,383	OSORA, HIROYUKI	2,292,178
MEEHAN, TOM	2,290,267	NEWMAN, ROGER R.	2,291,995	OSRAM SYLVANIA INC.	2,277,465
MEGURO, YASUO	2,291,574	NEWMAN, ROGER R.	2,291,996	OSTERMANN, Kurt	2,255,521
MEHLAN, Andreas	2,255,489	NEWMAN, ROGER R.	2,292,016	OTC - OPTICAL	
MEINL, JURGEN	2,291,465	NEWMAN, ROGER R.	2,292,018	TECHNOLOGIES	
MELONE, Francis	2,255,388	NEWMAN, ROGER R.	2,292,047	CENTER S.R.L.	2,292,043
MIGLIORATI, SOSTENE	2,285,810	NEWMAN, ROGER R.	2,292,051	OTTO, THOMAS	2,290,912
MITCHELL, G. Forde	2,255,312	NEWMAN, ROGER R.	2,292,053	OW, SAY KYOUN	2,291,507
MITEL CORPORATION	2,291,534	NEWMAN, ROGER R.	2,292,069	OWENS-ILLINOIS CLOSURE	
MITSUBISHI HEAVY		NEWTECH ADVANCED		INC.	2,291,413
INDUSTRIES, LTD.	2,279,920	MATERIALS INC.	2,255,425	P. WEDGE CO. LTD.	2,255,430
MITSUBISHI HEAVY		NEWTECH ADVANCED		PACKARD, THOMAS N.	2,281,452
INDUSTRIES, LTD.	2,291,982	MATERIALS INC.	2,255,451	PAHILA, OLIVER S.	2,289,974
MITSUBISHI HEAVY		NEWTECH ADVANCED		PALLADIN HEALTHCARE	
INDUSTRIES, LTD.	2,292,178	MATERIALS INC.	2,255,453	INTERNATIONAL LTD.	2,255,521
MIYA, KAZUYUKI	2,292,331	NEWTON, Shane D.	2,255,439	PANJWANI, Prakash	2,255,285
MIYAKE, HIDENORI	2,291,823	NG, CHU	2,287,656	PARK, HEON HEE	2,287,121
MIYAUCHI, REIZOU	2,291,982	NIEDOSPIAL, John J., Jr.	2,255,507	PARKS, FRANKLIN E.	2,291,942
MOIR, ALAN R.	2,276,387	NIEMI, Walter	2,255,304	PASS & SEYMOUR, INC.	2,281,452
MOORE, Richard Scott	2,255,267	NING, XIN	2,290,321	PATENT-TREUHAND-	
MOREL, FRADARIC	2,291,523	NIPPON SHEET GLASS CO.,		GESELLSCHAFT FUR	
MOREL, FRÉDÉRIC	2,291,867	LTD.	2,292,376	ELEKTRISCHE	
MORIN, Marius	2,256,846	NIPPON TELEGRAPH AND		GLUEHLAMPEN MBH	2,292,136
MORITA, HIROSHI	2,291,868	TELEPHONE		PAVESI SRL	2,291,459
MORITA, TAKEO	2,291,204	CORPORATION	2,291,837	PAVLOVIC, SLOBODAN	2,291,425
MOROISHI, YUTAKA	2,291,808	NISSAN CHEMICAL		PENG, Wenfeng	2,255,472
MORRIS, Susanne V.	2,255,306	INDUSTRIES, LTD.	2,291,812	PERRY, Robert C.	2,266,270
MOSER, BEAT J.	2,291,936	NISSIN SHOKUHI		PFIZER PRODUCTS INC.	2,289,951
MOTYKA, LARRY	2,292,105	KABUSHIKI KAISHA	2,292,056	PFIZER PRODUCTS INC.	2,291,471
MULLER, FELIX	2,292,140	NITTO DENKO		PHAM, BINH	2,291,992
MUEHLICH, ERNST	2,292,136	CORPORATION	2,291,808	PHILP, Richard B.	2,255,505
MUELLER, RAYMOND E.	2,292,157	NOLTE, WILFRIED	2,291,506	PHOTONETICS	2,291,495
MUJEEB, HAMAYON	2,290,267	NORTEL NETWORKS		PIETRZAK, Joseph J.	2,264,479
N.V. MASTERFOODS S.A.	2,291,478	CORPORATION	2,275,801	PILESTED, Karsten	2,255,342
NADHERNY, RUDOLPH	2,291,585	NORTEL NETWORKS		PILOSOPH, NISSIM	2,289,828
NAGAI, HIDEAKI	2,292,178	CORPORATION	2,282,939	PIRELLI CABLE	
NAGATSU, NAOHIDE	2,291,837	NORTEL NETWORKS		CORPORATION	2,290,264
NAGAYAMA, KEIICHI	2,291,204	CORPORATION	2,287,010	PITTSWAY CORPORATION	2,291,203
NAKAGAWA, TADASHI	2,279,920	NORTEL NETWORKS		PLONA, DANIEL GEORGES	2,291,606
NAKAI, TETSUO	2,291,528	CORPORATION	2,289,320	PMC-SIERRA LTD.	2,255,298
NAKAI, TETSUO	2,291,530	NORTEL NETWORKS		PMC-SIERRA LTD.	2,255,418
NAKAMA, KENICHI	2,292,376	CORPORATION	2,289,322	POIGNON, JEAN-MARIE	2,291,505
NAKAMOTO, YASUO	2,291,840	NORTEL NETWORKS		POLLER, WOLFGANG	
NAKAO, SHOUICHI	2,292,207	CORPORATION	2,289,357	CHRISTIAN	2,291,356
NAKAZEKO, TAKUO	2,292,056	NORTEL NETWORKS		PORTWOOD, GARY R.	2,289,389
NATIONAL STARCH AND		CORPORATION	2,289,795	PORTWOOD, GARY R.	2,289,410
CHEMICAL		NORTEL NETWORKS		POUR, RAYMOND L.	2,292,157
INVESTMENT HOLDING		CORPORATION	2,289,956	PPG INDUSTRIES OHIO, INC.	2,291,993
CORPORATION	2,292,030	NORTEL NETWORKS		PRAGER, Irene	2,255,465
NAYRAC, FRÉDÉRIC	2,291,711	CORPORATION	2,290,267	PRIMICH, MARK T.	2,098,853
NCR CORPORATION	2,287,597	NORTEL NETWORKS		PROFESSIONAL GENERAL	
NCR CORPORATION	2,287,599	CORPORATION	2,291,863	ELECTRONIC	
NCR CORPORATION	2,287,600	NORTENE	2,291,505	PRODUCTS P.G.E.P.	2,290,875
NEADLE, SUSAN W.	2,291,833	NOUGIER, LUC	2,290,882	PROSPA B.V.	2,255,804
NEC CORPORATION	2,275,799	NUDELMONT, GEORGETTE	2,290,875	RADHAKRISHNAN, Sivakumar	2,255,418
NEC CORPORATION	2,291,464	OBERTELLI, BERNARD	2,298,149	RADTKE, DAVID E.	2,289,997
NEC CORPORATION	2,291,915	O'BURILL, Alain	2,254,306	RAMUS, KEVIN J.	2,291,993
NELSON, NED H.	2,291,399	O'DONNELL, MICHAEL J.	2,289,428	RANCO INCORPORATED OF	
NETRAVALI, ARUN		OHARA, HIDEO	2,291,860	DELAWARE	2,292,105
NARAYAN	2,287,685	OKADA, KENICHI	2,291,808	RANCOURT, Yvon	2,255,453
NETRAVALI, ARUN		OKADA, SETSUO	2,291,427	READ, Elizabeth	2,255,465
NARAYAN	2,287,690	OKADA, SUSUMU	2,291,823	READER, ARTHUR M.	2,280,250
NEULIEB, ROBERT L.	2,290,245	OMRON CORPORATION	2,291,204	REIMER, Michael Perry	2,255,134
NEW YORK AIR BRAKE		O'NEILL, Michael Jerome	2,255,134	REITHMEYER, JOSEPH G.	2,289,789
CORPORATION	2,290,245	O'NEILL, ROBERT E.	2,291,942	RHODES, DAVID EARL	2,290,282

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RICHARDSON, THOMAS J.	2,287,759	SICERAM GMBH	2,291,370	SUMITOMO ELECTRIC	
RIEDL, REINHARD	2,290,884	SICHENEDER, ADOLF	2,291,506	INDUSTRIES, LTD.	2,291,528
RING, LEV	2,292,171	SIECOR OPERATIONS, LLC	2,292,253	SUMITOMO ELECTRIC	
RITTER, FRANK	2,291,491	SIEGLE, Ulrich	2,254,311	INDUSTRIES, LTD.	2,291,530
RIZZO, MICHAEL A.	2,098,853	SIKA AG, VORM. KASPAR		SUMITOMO METAL	
ROBERTS, MARK JULIAN	2,291,415	WINKLER & CO.	2,291,554	INDUSTRIES, LTD.	2,291,857
ROBERTSON, Gregory D.	2,255,504	SILVER, BRIAN H.	2,291,936	SUN MICROSYSTEMS, INC.	2,291,992
RONEN, JOSEF	2,289,828	SIMPSON, Alan	2,255,439	SUZUKI, KEITARO	2,291,812
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ROUSSEAU, Victor	2,255,375	SIRACKI, MICHAEL A.	2,289,411	SYLVAIN, DANY	2,289,956
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ROMISCH, JURGEN	2,291,851	SMITH INTERNATIONAL,		STANLEY	2,287,690
RUBIN, HARVEY	2,288,310	INC.	2,289,389	TAGGART, LYNN A.	2,289,355
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S N P E	2,290,876	INC.	2,289,410	INDUSTRIAL CO., LTD.	2,254,353
SAFMATIC	2,290,800	SMITH INTERNATIONAL,		TAKADA, HAJIME	2,291,823
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SANPEI, TOMOHIRO	2,291,868	SMITH, HOWARD J.	2,291,863	TAMAKI, NAOYA	2,275,799
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A.	2,285,813	SMOCK, STEVE W.	2,291,909	TANEGASHIMA, OSAMU	2,291,812
SARDENA, Antonio	2,268,715	SOCIETE DE PROSPECTION		TANII, TADAAKI	2,291,982
SASAKI, TOSHIHIRO	2,291,823	ET D'INVENTIONS		TECUMSEH PRODUCTS	
SASKTEL	2,255,439	TECHNIQUES SPIT	2,291,711	COMPANY	2,291,911
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SAWA, YOSHIHARU	2,291,845	TECHNIQUES	2,290,248	COMPANY	2,284,854
SAWAMURA, KAZUTOMO	2,291,840	SOCIÉTÉ NATIONALE		THE DOW CHEMICAL	
SAYAMA, TAKEHIKO	2,291,468	D'ÉTUDE ET DE		COMPANY	2,291,942
SCATES, John E.	2,255,504	CONSTRUCTION DE		THE RELIABLE AUTOMATIC	
SCHAMBIL, FRED	2,302,811	MOTEURS D'AVIATION		SPRINKLER CO., INC.	2,289,974
SCHLAGE LOCK COMPANY	2,292,203	"SNEC	2,291,606	THE YORK GROUP, INC.	2,289,274
SCHLUMBERGER CANADA		SOFRONIE, MIRCEA	2,292,134	THE YORK GROUP, INC.	2,289,355
LIMITED	2,287,141	SOLHEIM, ALAN GLEN	2,289,320	THIEL, JOACHIM	2,292,136
SCHMALSTIEG, LUTZ	2,291,209	SOLHEIM, ALAN GLEN	2,289,322	THIEM, TERRY L.	2,291,524
SCHMALSTIEG, LUTZ	2,291,214	SOMANI, AZMINA	2,289,322	THOMSON, Bruce	2,255,122
SCHOCK, Sam S.	2,255,007	SOMEMIYA, KAZUYUKI	2,291,217	THORE, MONIQUE ANDRÉE	2,291,606
SCHOENFELDER, GEORGE A.	2,291,203	SONG, BONG KEUN	2,291,507	TIMS, MATTHEW EDWARD	2,289,826
SCHOLZ, JOHN A.	2,277,465	SONOCO PRODUCTS		TOLLIVER-ROGERS, LOLETA	
SCHOTT GLAS	2,291,465	COMPANY	2,290,282	T.	2,291,413
SCHREINER, David	2,255,465	SOPHIA INTERNATIONAL		TOMURA, YASUO	2,291,823
SCHWAKE, JEFFREY S.	2,287,676	CO., LTD.	2,291,934	TONIOLO, Alessandro	2,268,715
SCHWARZ, ALEXANDER	2,291,388	SORIA, RAYMOND	2,290,248	TROPICANA PRODUCTS, INC.	2,290,072
SCITEX CORPORATION LTD.	2,289,828	SOUTHERN BAG		TRW INC.	2,289,400
SEIKI, YOSHIO	2,292,178	CORPORATION	2,291,603	TRYPKE, DIETER	2,292,136
SEIKO EPSON		SPARK, Keith B.	2,254,371	TSUZUKI, SATOSHI	2,291,982
CORPORATION	2,291,901	SPEIER, PETER	2,287,141	TU, MING-HSU	2,289,188
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SENCO SENSORS INC.	2,255,472	SRIKANTH, AYIKUDY K.	2,290,267	TURFAN, FARUK M.	2,289,998
SFIM INDUSTRIES	2,290,851	STADTMULLER, STEFAN	2,292,140	TWO WAY TV LIMITED	2,289,826
SHANE, MARK D.	2,288,499	STALNAKER, MICHELLE R.	2,291,496	UCHIDA, MAKOTO	2,291,860
SHEARER, DANIEL E.	2,288,499	STALNAKER, MICHELLE R.	2,291,499	UEDA, KAZUHIKO	2,292,056
SHELL INTERNATIONALE		STAUSS, HARALD	2,291,851	UEMATSU, AKIRA	2,291,915
RESEARCH		STEEL WORKS, INC.	2,288,925	U-HAUL INTERNATIONAL,	
MAATSCHAPPIJ B.V.	2,292,171	STEIN, HERMANN	2,291,565	INC.	2,266,285
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SHIN, JONG-HO	2,291,507	STRICKLAND, STEPHEN		DEVELOPMENT	
SHIRAIISHI, JUNICHI	2,291,528	GREGORY	2,289,188	CORPORATION	2,255,223
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URBANKE, RUDIGER L.	2,287,759		
USHER, WILLIS AUGUSTUS			
JR.	2,290,282		
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INTERNATIONAL, INC.	2,292,157		
VAILLANT, BRUNO	2,291,513		
VAN DEN BERG, KAREL	2,291,601		
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VETTORETTI, ALAIN	2,291,711		
VIARDOT, KLAUS	2,291,565		
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VITOU, DOMINIQUE	2,291,505		
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CORPORATION	2,290,232		
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WAKASHIRO, TERUO	2,291,840		
WALANCE, ROBERT B.	2,291,432		
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WERLE, PETER	2,291,519		
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WILSON, PAUL B.	2,291,499		
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WU, Po-Chen	2,255,414		
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ABB AB	2,305,418	AKZO NOBEL N.V.	2,305,277	ANDERSSON, SVEN BORJE	2,304,042
ABB AB	2,305,420	AL-ABED, YOUSEF	2,303,824	ANDERSSON, SVEN DICK	2,306,122
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ABB AB	2,305,422	ALBERT EINSTEIN COLLEGE		PRODUCTS, INC.	2,305,890
ABB AB	2,305,426	OF MEDICINE OF		ANDRASEV, AKOS	2,303,893
ABB AB	2,305,427	YESHIVA UNIVERSITY	2,305,760	ANDREOLA, CHRISTOPHER	2,303,915
ABB AB	2,305,428	ALBERTA RESEARCH		ANDRES-GIL, JOSE IGNACIO	2,305,612
ABB DAIMLER-BENZ		COUNCIL INC.	2,304,199	ANDREU, THOMAS	2,305,655
TRANSPORTATION		ALBERTA RESEARCH		ANDREWS, CRAIG	2,304,069
(TECHNOLOGY) GMBH	2,306,043	COUNCIL INC.	2,304,201	ANDREWS, CRAIG	2,304,070
ABBOTT LABORATORIES	2,303,930	ALBRIGHT & WILSON UK		ANDREWS, DAVID R.	2,305,803
ABBOTT LABORATORIES	2,303,934	LIMITED	2,305,446	ANGIORAD L.L.C.	2,303,849
ABBOTT LABORATORIES	2,304,058	ALBRIGHT, WILLIAM		ANGIORAD L.L.C.	2,304,160
ABBOTT LABORATORIES	2,305,770	TIMOTHY	2,304,193	ANGIORAD L.L.C.	2,304,212
ABBOTT LABORATORIES	2,305,771	ALCATEL	2,305,656	ANGIOSONICS INC.	2,305,636
ABBOTT LABORATORIES	2,305,800	ALCHEMIA PTY. LTD.	2,304,061	ANSARI, DEEBA MARJAN	2,303,812
ABE, KOHEI	2,305,285	ALDA, MARTIN	2,303,771	ANSMANN, ANDREAS	2,304,848
ABOU-NABOUT, ADNAN	2,303,838	ALDRICH, TRACEY	2,304,085	ANTON, DOUGLAS ROBERT	2,305,639
ABRAHAM, PHILIP	2,305,754	ALFA LAVAL AGRI AB	2,304,143	ANTONIOLI, SABINA	2,305,323
ABRAM, ALBERT ZORKO	2,306,560	ALFA LAVAL PUMPS LTD.	2,304,073	AOYAGI, KATSUMI	2,305,192
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ADAMS, DALE R.	2,305,368	ALLUM, ANDREW	2,305,719	APPLEBY, DEREK	2,304,073
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ADAMS, JERRY L.	2,306,077	ALTEMOSE, GEORGE A.	2,303,903	ARS HOLDING N.V.	2,303,817
ADE, ROBERT W.	2,303,948	ALTHAUS, HANS-LUDWIG	2,303,885	APPLIED RESEARCH SYSTEMS	
ADLER, DAVID	2,303,421	ALVAREZ-VALLINA, LUIS	2,303,617	ARS HOLDING N.V.	2,305,017
ADVANCED AUTOMATION		ALVAREZ-VALLINA, LUIS	2,303,618	ARAD, YOEL	2,304,087
SYSTEMS INC.	2,304,077	AMARAL, CATHERINE M.	2,303,844	ARATA, ANDREW B.	2,305,139
ADVANCED ELASTOMER		AMBACH, DOUGLAS C.	2,305,540	ARBEL, GIL	2,304,087
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ADVANCED LIFE SCIENCE		AMBROGI, ROBERT R.	2,305,731	INC.	2,306,030
INSTITUTE, INC.	2,305,192	AMDAHL, KEITH L.	2,303,837	ARI ARMATUREN ALBERT	
ADVANCED MOTION		AMERICAN CYANAMID		RICHTER GMBH & CO. KG.	2,305,657
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AEA TECHNOLOGY PLC	2,303,991	AMERICAN		ARTHUR, KAREN SUE	2,304,153
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VENNOOTSCHAP	2,306,044	AMERICAN		ARVIN INDUSTRIES, INC.	2,305,725
AGHA-MOHAMMADI, SIAMAK	2,303,618	SUPERCONDUCTOR		ASAHARA, TOMOHIKO	2,305,410
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AIKAWA, KATSUYOSHI	2,305,761	AMGEN INC.	2,304,647	ASTA MEDICA	
AIKIO, VEIJO	2,305,434	AMMERMANN, EBERHARD	2,304,052	AKTIENGESELLSCHAFT	2,304,162
AIRAKSINEN, JUKKA	2,305,174	AMMERMANN, EBERHARD	2,306,119	ASTLES, PETER CHARLES	2,303,848
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AKAMA, HIRONORI	2,303,822	AMSON, ROBERT	2,304,011	ASTRAZENECA AKTIEBOLAG	2,303,926
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AUSTNES, PER	2,305,759	BAUMANN, MANFRED	2,304,047	BERNET, YORAM	2,304,145
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AVIRAM, MICHAEL	2,303,864	BAXTER		CORPORATION	2,305,170
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AWARE, INC.	2,306,255	BAXTER INTERNATIONAL INC.	2,305,447	BHATIA, RANJIT	2,306,154
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BAMBERGER, THOMAS	2,306,158	AKTIENGESELLSCHAFT	2,306,173	BIO-RAD LABORATORIES, INC.	2,305,369
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BASF AKTIENGESELLSCHAFT	2,305,590	BENNETT, C. FRANK	2,303,908	COR	2,305,262
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BONNAIN, JEAN-CHRISTOPHE	2,303,906	BROMMER, GUNTER	2,305,500	CAMPBELL, BILL ROSS	2,305,244
BONNAIN, JEAN-CHRISTOPHE	2,303,914	BROOKER, ALAN THOMAS	2,304,035	CAMPBELL, KATHLEEN C.M.	2,303,901
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BOOTH, ANTHONY R.	2,305,294	BROUGH, DOUGLAS E.	2,304,173	CANAL + SOCIETE ANONYME	2,304,148
BOPS INCORPORATED	2,305,221	BRUCE, ALAN	2,304,107	CANAL + SOCIETE ANONYME	2,305,641
BORCHERDING, AXEL	2,305,287	BRUCK, CLAUDINE	2,305,013	CANAL + SOCIETE ANONYME	2,305,644
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BOSTON SCIENTIFIC CORPORATION	2,305,596	BUCKINGHAM, ROBERT EDWIN	2,306,086	CARLOW, JOHN SYDNEY	2,303,991
BOSTON SCIENTIFIC LIMITED	2,303,807	BUCKINGHAM, ROBIN EDWIN	2,305,289	CARLUCCI, GIOVANNI	2,304,078
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LICENSING		AND COMPANY	2,304,032	EMEC CONSULTANTS	2,305,581
CORPORATION	2,306,113	E.I. DU PONT DE NEMOURS		EMERT, JACOB	2,303,851
DOLLINGER, MARKUS	2,305,806	AND COMPANY	2,304,177	EMULEX CORPORATION	2,304,340
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DONLON, BRIAN S.	2,305,530	AND COMPANY	2,304,178	ENDO, TADAO	2,305,517
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DORMA GMBH & CO. KG	2,305,214	AND COMPANY	2,304,198	ENSGN, DONALD EUGENE	2,305,651
DORSCH, DIETER	2,305,568	E.I. DU PONT DE NEMOURS		ENTERIX INC.	2,305,275
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ERHARDT, MELANIE	2,305,499	FIELDER, LOUIS DUNN	2,306,113	FROMM, UDO	2,305,420
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ESCORT MEMORY SYSTEMS	2,306,222	FIRTH, JOHN R.	2,305,585	FUJITA, TAKASHI	2,305,807
ESHEL, YORAM	2,305,636	FISCHER, ALAN	2,303,891	FUJITA, YASUHIRO	2,305,517
ESPENHAHN, MANFRED	2,306,208	FISCHER, JAKOB	2,303,776	FUJIWARA, TOSHIHIKO	2,305,807
ESSER, ALBERT ANDREAS MARIA	2,305,419	FISCHER, ROLF HARTMUTH	2,304,848	FUJIWARA, TOSHIHIKO	2,305,808
ETAT FRANÇAIS REPRÉSENTÉ PAR LE DELEGUE GENERAL POUR L'ARMEMENT	2,305,497	FISCHER, ROLF HARTMUTH	2,305,590	FUKUDA, MAKOTO	2,305,291
ETHICON, INC.	2,303,860	FISH, KENNETH N.	2,305,622	FUKUSHIMA, HIDENOBU	2,305,594
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HIRABAYASHI, KAZUKO	2,306,085	HUTCHINGS, RICHARD H.	2,305,353	JANSSON, ROLF	2,303,868
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HOLLELAND, MONS	2,305,418	IKEHARA, MITSUO	2,303,822	JESSEE, JOEL	2,304,895
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MASSENGILL, R. KEMP	2,303,887	MELZER, GUIDO	2,305,568	MINNESOTA MINING AND	
MASUYAMA, AKIHIRO	2,303,810	MENARD, JEAN-PAUL	2,305,505	MANUFACTURING	
MASUZAKI, TOHRU	2,306,026	MENDELSON, WILFORD	2,305,614	COMPANY	2,305,877
MATRA NORTEL		MENGES, MARKUS	2,303,986	MIRHASHEMI, SOHEILA	2,305,613
COMMUNICATIONS	2,304,012	MENGES, OLAF	2,303,986	MISONO, KAZUNORI	2,306,036
MATRA NORTEL		MENIF, RACHED	2,306,136	MITCHELL, DAVID W.	2,305,585
COMMUNICATIONS	2,304,013	MERCK & CO., INC.	2,303,830	MITCHELL, DAVINA	
MATRA NORTEL		MERCK & CO., INC.	2,303,954	ELIZABETH	2,305,262
COMMUNICATIONS	2,304,015	MERCK & CO., INC.	2,306,564	MITRA, SEKHAR	2,304,005
MATSUI, TETSUO	2,305,802	MERCK & CO., INC.	2,306,565	MITSUBISHI DENKI	
MATSUMOTO, MIE	2,304,180	MERCK FROSST CANADA &		KABUSHIKI KAISHA	2,305,594
MATSUMOTO, WATARU	2,305,594	CO.	2,305,414	MITSUBISHI RAYON CO., LTD.	2,306,028
MATSUSHITA ELECTRIC		MERCK PATENT		MITSUMA, MASARU	2,305,564
INDUSTRIAL CO., LTD.	2,304,605	GESELLSCHAFT MIT		MITTELSTEIN, MICHAEL	2,305,613
MATTHEWS, BILLIE JEAN	2,303,872	BESCHRANKTER		MIYAMOTO, SUSUMU	2,305,410
MATTHIESSEN, H. PETER	2,303,924	HAFTUNG	2,305,568	MIYASAKA, SHIGEHISA	2,304,140
MATULA, PAUL A.	2,303,814	MERCURI, ROBERT ANGELO	2,303,826	MIYAZAKI, MAKOTO	2,305,564
MAUMEE RESEARCH &		MERGER, MARTIN	2,304,848	MIYOSHI, TAKANORI	2,303,936
ENGINEERING,		MERIAL	2,305,623	MIZUNO CORPORATION	2,306,036
INCORPORATED	2,306,088	MERKEL, KENNETH M.	2,305,540	MLECZKO, LESLAW	2,306,173
MAXWELL, JEFFREY W.	2,305,252	MERLY, JEAN-PIERRE	2,305,468	MOBIL OIL CORPORATION	2,306,250
MAY, GREGORY	2,304,109	MERRILL, JOHN H.	2,305,455	MOBLEY, DONALD L.	2,305,540
MAY, RAYMOND R.	2,305,736	MERSMANN, FRANZ-JOSEF	2,306,158	MOCHIDA PHARMACEUTICAL	
MAYER, ALEXANDER	2,304,091	MERSMANN, FRANZ-JOSEF	2,306,168	CO., LTD.	2,304,130
MAZZELL, PAUL JR.	2,306,129	MERSMANN, FRANZ-JOSEF	2,306,173	MODERNSOFT, INC.	2,303,886
MCADAMS, ROY	2,303,991	MESO SCALE TECHNOLOGIES,		MODLA, JOHN CHRISTOPHER	2,303,912
MCBURNEY, ROBERT N.	2,306,228	LLC.	2,303,891	MOE, RIYAD E.	2,305,730
MCCABE, RICHARD JOSEPH	2,305,618	MESSINA, PETER V.	2,304,241	MOETTELI, JOHN B.	2,305,390
MCCLURE, RICHARD J.	2,303,887	MESSNER, KURT	2,304,107	MOFFETT, ROBERT HARVEY	2,305,471
MCCORMSEY, DAVID	2,305,342	METABOLIX, INC.	2,303,070	MOFFITT, RONALD DEAN	2,305,362
MCCORD WINN TEXTRON INC.	2,304,071	METROLINE SURFACES, INC.	2,303,897	MOLECULAR SENSORS	
MCCORMICK, SCOTT	2,305,540	MEYER, ERIC R.	2,304,222	LIMITED	2,305,267
MCCOY, TODD ARDEN	2,303,928	MEYER, FRANK	2,304,066	MOLLISON, KARL W.	2,303,934
MCCUTCHAN, BEN ONA JR.	2,304,006	MHASHIKAR, ABNER	2,304,208	MOLNAR, DANIEL A.	2,306,088
MCDANIEL, PAUL J., III	2,304,222	MICHAELS, JAMES P.	2,303,850	MOMENI, NAGHI	2,305,543
MCDONALD, KURT D.	2,303,909	MICHEL, LUDOVIC	2,305,635	MONAHAN, BRIAN	2,306,222
MCDOWALL, DEBRA JEAN	2,303,872	MICROSOFT CORPORATION	2,304,145	MONSANTO COMPANY	2,305,466
MCGILL UNIVERSITY	2,303,771	MICROSOFT CORPORATION	2,305,172	MONTAGNA, ANGELO A.	2,303,937
MCGILL UNIVERSITY	2,305,717	MICROSOFT CORPORATION	2,305,280	MONTGOMERY, HUGH	
MCGILL, SHANE ROBERT	2,305,869	MICROSOFT CORPORATION	2,305,875	EDWARD	2,306,216
MCGREVVY, ALAN N.	2,305,539	MICROSOFT CORPORATION	2,306,021	MOON, HI-CHAN	2,304,133
MCGREW, GORDON N.	2,303,828	MICROSOFT CORPORATION	2,306,118	MOORE, DENNIS F., JR.	2,305,663
MCNALLY, JAMES J.	2,305,342	MICROSOFT CORPORATION	2,306,253	MOORE, DENNIS F., JR.	2,305,664
MCNALLY, JAMES J.	2,305,348	MIGCHIELSEN, ROGER	2,305,214	MOORE, MICHAEL E.	2,305,252
MCONAMARA, JAMES FRANCIS	2,306,049	MIKI, YASUHIRO	2,306,148	MOREAU, MAURICE	2,305,505
MCNC	2,304,655	MILADINOV, VESSELIN	2,304,104	MORETTI, GIAN PIERO	2,303,943
MCNEILLY, FRANCIS	2,305,623	MILLENNIUM INORGANIC		MORGAN, JOSEPH H.	2,305,158
MCPEAK, PATRICIA	2,305,665	CHEMICALS, LTD.	2,305,516	MORGAN, ROBERT A.	2,304,151
MCVEY, DUNCAN L.	2,304,173	MILLER, DAVE W.	2,303,847	MORITA, AKIHIRO	2,303,825
MCWILLIAMS, JOHN PAUL	2,306,250	MILLER, SCOTT ALLAN III	2,305,765	MORITOMA, HIROYUKI	2,305,802
MEARS, ANDREW	2,305,444	MILLER, WILLIAM H.	2,305,466	MORK, PREBEN	2,305,215
MECANISMOS AUXILIARES		MILLS, ROBIN WALTER	2,304,166	MORLEY, ANDREW DAVID	2,303,848
INDUSTRIALES, S.L.	2,303,921	MINEMATSU, HIROYOSHI	2,303,936	MORRELL, JOHN B.	2,305,591
MECANISMOS AUXILIARES		MINIUTTI, ROBERT L.	2,305,501	MORRIS, RONALD MEREDITH	2,305,193
INDUSTRIALES, S.L.	2,304,182	MINNESOTA MINING AND		MORRIS, SANDRA	2,305,733
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INC.	2,303,978	COMPANY	2,304,141	MOSELEY, ROBIN C.	2,305,536
MEDICAL RESEARCH COUNCIL	2,303,617	MINNESOTA MINING AND		MOSER, JAMES R.	2,304,031
MEDICAL RESEARCH COUNCIL	2,303,618	MANUFACTURING		MOSES, ASHLEE	2,305,622
MEDICI, ALESSANDRO	2,305,764	COMPANY	2,304,157	MOSHIER, RICHARD D.	2,305,195
MEDIZONE INTERNATIONAL,		MINNESOTA MINING AND		MOTOROLA, INC.	2,304,111
INC.	2,306,010	MANUFACTURING		MOTOROLA, INC.	2,305,592
MEE, JOHN	2,305,450	COMPANY	2,305,274	MOTOYUKI, MASASHIRO	2,306,250
MEEHAN, BRIAN	2,305,623	MINNESOTA MINING AND		MOTTER, GREGG A.	2,303,894
MEIRING, DONALD T.	2,304,044	MANUFACTURING		MOWINS, MICHAEL L.	2,305,435
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JAMES	2,304,174	MYERS, RANDY ALLEN	2,305,806	NACHENBERG, CAREY S.	2,304,163	NADLER, JERRY L.	2,303,935	NAGASHIMA, MITSUYOSHI	2,304,597	NAGASHUNMUGAM, THANADAVARAYAN	2,304,125	NAGATA, SHIGEKAZU	2,304,130	NAJMON, GARY L.	2,305,540	NAKAGAWA, YOSHIYUKI	2,304,597	NAKANISHI, MISA	2,305,734	NAKAZOTO, MORIKUNI	2,305,637	NALCO/EXXON ENERGY CHEMICALS, L.P.	2,303,967	NAMBA PRESS WORKS CO., LTD.	2,303,842	NAMBA PRESS WORKS CO., LTD.	2,305,291	NANNINGA, THOMAS NORMAN	2,305,618	NANTO, SHAWN E.	2,303,847	NAPOLITANO, LOU ANN	2,303,878	NAQUI, ALI	2,305,789	NARIKAWA, MASAFUMI	2,305,594	NATARAJAN, RAMA DEVI	2,303,935	NAUDTS, PATRICK	2,304,079	NAVOT, NIR	2,303,862	NAYAK, KRISHNA S.	2,305,572	NAYDO, KYLE A.	2,306,079	NAYLOR, MICHAEL STUART	2,303,663	NEENAN, THOMAS X.	2,303,856	NELES CONTROLS OY	2,306,141	NELLCOR PURITAN BENNETT INCORPORATED	2,305,195	NELSON, GORDON P.	2,304,093	NELSON, JAY	2,305,622	NELSON, JERRY	2,304,069	NELSON, JERRY	2,304,070	NELSON, KATHRYN T.	2,303,828	NELSON, NORMAN C.	2,305,415	NEMECKAY, STEPHEN A.	2,305,211	NEMET, YARON	2,304,062	NEPPL, SILVIA	2,303,924	NETOFFICE SOLUTIONS LLC	2,305,459	NEUROSPHERES HOLDINGS LTD.	2,304,007	NEWMAN, ROBERT C., JR.	2,305,536	NEWTON, JOHN MICHAEL	2,306,566	NEWTON, ROGER SCHOFIELD	2,303,864	NG, HOWARD	2,304,194	NGK INSULATORS, LTD.	2,303,858	NGK INSULATORS, LTD.	2,303,859	NGK INSULATORS, LTD.	2,304,361	NICHOLAS, DOLLY	2,305,250	NICHOLSON, MARK	2,306,222	NIELSEN, KENNETH ANDREW	2,305,356	NIGG, HERBERT N.	2,304,074	NIPPON SHINYAKU CO., LTD.	2,306,085	NIPPON STEEL CORPORATION	2,304,065	NIPPON STEEL CORPORATION	2,305,775	NISHIGORI, YOSHIHISA	2,304,605	NISHIYAMA, AKIRA	2,305,564	NISSINEN, VILHO	2,305,654	NISSON, PAUL E.	2,304,895	NITSCHKE, FELIX	2,305,649	NITTO BOSEKI CO., LTD.	2,305,517	NOBBE, DALE A.	2,305,540	NOE, JEREMY EDWARD	2,303,940	NOKIA MOBILE PHONES LTD.	2,304,050	NOKIA NETWORKS OY	2,304,172	NOKIA NETWORKS OY	2,305,173	NOMACO, INC.	2,305,239	NONGBRI, GOVANON	2,303,890	NONPBER, HERBERT GEORG	2,303,870	NORANDA INC.	2,304,064	NORBECK, DANIEL W.	2,305,771	NORDBERG, ANTHONY	2,304,190	NORE, PENTTI	2,304,849	NORMAN, ANTHONY W.	2,304,056	NORTEL MATRA CELLULAR	2,303,997	NORTEL NETWORKS CORPORATION	2,305,650	NORTEL NETWORKS CORPORATION	2,306,013	NORTEY, SAMUEL O.	2,305,342	NORTH AMERICAN REFRACTORIES CO.	2,303,933	NORTH CAROLINA STATE UNIVERSITY	2,305,738	NORTON COMPANY	2,305,616	NORTRAN PHARMACEUTICALS INC.	2,303,815	NOUR ELDIN, HASSAN AHMED	2,303,838	NOVATELLIGENCE, INC.	2,303,916	NOVKOV, DONALD J.	2,303,970	NOVO NORDISK A/S	2,305,191	NOVO NORDISK A/S	2,305,634	NOVO NORDISK A/S	2,305,804	NOVOGROD, JOHN C.	2,305,778	NUPPONEN, HEIKKI	2,306,080	NURRENBACH, TILL	2,305,287	NVID INTERNATIONAL, INC.	2,305,139	NYCOMED IMAGING AS	2,305,569	NYGREN, JAN-ANDERS	2,305,418	NYLOF, MARTIN	2,304,037	OBERDORF, KLAUS	2,306,119	O'BRIEN, JOHN S.	2,304,108	O'CONNOR, LIAM	2,304,124	ODDOU, LAURENT	2,305,562	O'DONNELL, WILLIAM J.	2,306,129	OGATA, HIROKI	2,304,140	OGAWA, MAHITO	2,305,580	OHSHIMA, ETSUO	2,306,026	OHSOL, ERNEST O.	2,306,133	OHUE, CHI HARU	2,305,192	OKADA, MINORU	2,305,756	OKADA, TAKAYUKI	2,304,211	OKAMURA, WILLIAM H.	2,304,056	OKUYAMA, MASA AKI	2,306,036	OLIVER, STEVEN R.	2,303,882	OLIVIER, ARCHIE A.	2,289,056	OLSEN, RAYMOND E.	2,303,853	OLSON, DAVID B.	2,305,877	OLSON, PAMELA	2,304,169	OLSSON, TOMMY	2,305,797	OMOTO, TOMOAKI	2,303,825	OMSTEAD, DANIEL R.	2,304,093	ONADIME, INC.	2,304,158	ONAYA, JUNICHI	2,305,619	ONDA, KENICHI	2,305,802	ONO PHARMACEUTICAL CO., LTD.	2,305,463	ONO, KENJI	2,305,756	OR, YAT SUN	2,303,930	OR, YAT SUN	2,304,058	ORACLE CORPORATION	2,305,510	OREGON HEALTH SCIENCES UNIVERSITY	2,305,622	O'REILLY, LORRAINE	2,304,124	ORGAN, INC.	2,305,441	ORION CORPORATION	2,304,849	ORONITE JAPAN LIMITED	2,305,637	ORR, TERI	2,303,847	ORTHO-MCNEIL PHARMACEUTICAL, INC.	2,305,342	ORTHO-MCNEIL PHARMACEUTICAL, INC.	2,305,348	ORTHO-MCNEIL PHARMACEUTICAL, INC.	2,305,353	ORTMANN, RICHARD	2,304,644	OSAKA BIOSCIENCE INSTITUTE	2,304,130	OSSFELDT, JAN	2,303,938	OSSFELDT, JAN	2,304,016	OSTERMANN, RUDIGER	2,303,921	OSTERMANN, RUDIGER	2,304,182	OTA, TOMOMI	2,305,734	OTAGIRI, TADASHI	2,303,858	OTAGIRI, TADASHI	2,303,859	OTAGIRI, TADASHI	2,304,361	OTSUKA CHEMICAL CO., LTD.	2,304,561	OTTEN, MARTINA	2,303,986	OUBRAHIM, YOUSSEF	2,304,038	OWENS, MARK	2,305,319	OXFORD BIOMEDICA (UK) LIMITED	2,303,663	OY HARTWALL AB	2,305,434	PACTIV CORPORATION	2,305,642	PACTIV CORPORATION	2,305,777	PADCOM, INC.	2,303,987	PALEPU, NAGESWARA R.	2,305,535	PALL CORPORATION	2,303,903	PALMIERI, BENIAMINO	2,305,764	PANANDIKER, RAJAN KESHAV	2,304,034	PANETTA, JILL ANN	2,305,538	PANTAGES, ANTHONY J.	2,305,375	PARAGON TRADE BRANDS, INC.	2,303,941	PARGASS, SUNITA	2,303,941	PARHI, SEPPO	2,304,849	PARIS, CECILE	2,304,846	PARK, SUNG MEE	2,304,165	PARKER, DAVID	2,305,728	PARKES, PETER	2,305,542	PARKS, DERRICK J.	2,306,079	PARZANKA, LARS	2,305,214	PASTEUR MERIEUX CONNAUGHT	2,304,128	PATEK, MARCEL	2,306,076	PATEL, AMRIT	2,304,085
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PATMARK COMPANY, INC.	2,305,522	PIERCE, JENNIFER A.	2,304,111	PYLE, DEREK	2,304,128
PATTERSON, GEORGE S.	2,306,569	PIETRAS, BERND-GEORG	2,304,664	PYSTYNEN, JARMO	2,304,849
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PC-TEL, INC.	2,306,111	INTERNATIONAL, INC.	2,306,053	QUASTEL, DAVID M. J.	2,303,815
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PEDLICK, JACK S.	2,303,860	PITT, WILLIAM G.	2,304,134	RAE, DUNCAN ROBERTSON	2,305,277
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PENDRAK, ISRAEL	2,304,204	POHJANVUORI, TIMO	2,304,016	RAMACHANDRAN, NATARAJAN	2,305,310
PENHASI, ADEL	2,305,762	POINDEXTER, MICHAEL K.	2,303,967	RAMANATHAN, KUMARAN	2,305,543
PENNICA, DIANE	2,303,834	POINT THERAPEUTICS, INC.	2,304,206	RANDALL, SHERRI LYNN	2,304,034
PEOPLES, OLIVER P.	2,303,070	POIRIER, JEAN-ERIC	2,304,203	RANGANATHAN, SRIDHAR	2,303,872
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PERELMAN, LEV T.	2,305,898	POLICICCHIO, NICOLA JOHN	2,305,723	RAPOPORT, NATALYA	2,304,134
PEREZ, ANTHONY R.	2,305,585	POLLEY, RICHARD B.	2,305,722	RASKINSKI, JOHN E.	2,303,875
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PERRING, KEITH DOUGLAS	2,305,529	POPESCU, MIRCEA C.	2,305,533	RAVEN, PETER	2,305,294
PERSONAL ELECTRONIC DEVICES, INC.	2,303,882	POPPER, PETER	2,304,032	RAYMOND, CHRISTOPHER K.	2,303,408
PESEUX, JEROME	2,306,249	PORTER SEWING MACHINES, INC.	2,305,905	RAYNAULD, JACQUES	2,305,149
PETERSON, CAHRLAS M.	2,305,366	PORTER, BARRY	2,303,848	RAYTHEON COMPANY	2,304,241
PETERSON, JOSEPH THOMAS JR.	2,305,436	PORTER, CARL L.	2,306,088	REARDON, PATRICK	2,305,389
PETERSON, ROBERT	2,306,144	PORTER, MICHAEL R.	2,305,905	REAY, PHILLIP	2,304,158
PETERSSON, ULF	2,303,923	PORTER, RODERICK A.	2,305,805	REBAUDIERES, JEAN	2,305,506
PETERS-WENDISCH, PETRA	2,305,577	POTHIER, ALBERT J.	2,304,154	REBHAN, RICHARD	2,303,938
PETTIT, FABRICE	2,303,996	POTTER, JERRY FULLER	2,303,912	REBHAN, RICHARD	2,304,016
PETROLEUM GEO-SERVICES INC.	2,305,437	POTTER, JERRY FULLER	2,304,178	RECH FILHO, ELIBIO LEOPOLDO	2,305,576
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PFIZER INC.	2,305,548	PREFERRED MACHINING CORPORATION	2,305,178	REDDI, SATYANARAYANA	2,305,357
PHAM, XUYEN	2,306,079	PRESIDENT & FELLOWS OF HARVARD COLLEGE	2,305,449	REDDY, PREMKUMAR E.	2,305,790
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PHARMACIA & UPJOHN COMPANY	2,303,961	PRINT, CRIS	2,304,132	REESE, J. DALE	2,305,666
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PHILLIPS SCREW COMPANY	2,305,435	PRODUKTIONSGESSELLSC HAFT MBH	2,305,904	REGENTS OF THE UNIVERSITY OF MINNESOTA	2,305,016
PHILLIPS, ARTHUR F.	2,305,194	PROKOP, GARY F.	2,304,174	REICH, PATRICK	2,306,079
PHILLIPS, MICHAEL LEROY	2,305,538	PROMEDICUS SYSTEMS, INC.	2,306,017	REID, JOHN F.	2,305,903
PHILLIPSON, MARTIN	2,305,298	PROOST, PAUL	2,305,017	REINHARD DUSPOHL MASCHINENBAU GMBH	2,305,662
PHILLIPS-ORIGEN CERAMIC TECHNOLOGY, LLC	2,305,430	PROUD, DAVID	2,303,430	REINHARDT, ROBERT	2,303,986
PHILLIPS-ORIGEN CERAMIC TECHNOLOGY, LLC	2,305,431	PROUTY, CATHERINE	2,305,353	REINHARDT, GERD	2,304,033
		PRUEHS, ALLEN V.	2,305,615	REINHARDT, GERD	2,304,252
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		PLOCK, ARNE	2,306,119	REITZ, ALLEN B.	2,305,348
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STRASSER, ANDREAS	2,304,124	TANNY, GERALD	2,305,583	THE GENERAL HOSPITAL CORPORATION	2,305,732
STRATEC MEDICAL AG	2,306,562	TANNY, GERALD	2,305,776	THE GOODYEAR TIRE AND RUBBER COMPANY	2,304,183
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STROBER, WARREN	2,303,410	TAYLOR, PAUL	2,305,890	THE MEAD CORPORATION	2,303,914
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SUGAR, GYORGY	2,305,745	TELEFONAKTIEBOLAGET LM ERICSSON	2,305,156	THE PROCTER & GAMBLE COMPANY	2,304,005
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